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SACHI A. HAMAI
Interim Chief Executive Officer

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September 8, 2015

To: Mayor Michael D. Antonovich
           Supervisor Hilda L. Solis
           Supervisor Mark Ridley-Thomas
           Supervisor Sheila Kuehl
           Supervisor Don Knabe

From: Sachi A. Hamai
           Interim Chief Executive Officer

RESPONSE TO ESTABLISHING A COUNTYWIDE CENTRALIZED ELECTRONIC HEALTH RECORD SYSTEM TO IMPROVE PATIENT CARE (ITEM #25; AGENDA OF APRIL 7, 2015)

On April 7, 2015, the Board directed the Interim Chief Executive Officer, the Chief Information Officer, County Counsel, the Directors of the Departments of Health Services, Mental Health and Public Health, Probation[1], and the Sheriff or designee, to report back in 90 days on integrating electronic health record systems into a single platform so that a unified record exists for each individual patient and so appropriate Los Angeles County (County) employees can have a single portal to access, share and update electronic health, mental health and public health clinical records in real-time. The report was to include a discussion of:

a) The financial and clinical benefits and drawbacks of a single unified County electronic health record system (EHR);

b) Whether integration should be limited to clinical information or whether the departments should also further integrate the claiming systems;

c) The ramifications, if any, of discontinuing or phasing out the use of any existing system built with federal or state funds; and

d) The feasibility of integrating all electronic health record systems into ORCHID, including the potential cost and timeline to do so.

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[1] Although not originally included in the Board motion, input from the Probation Department is included in this report back given they have an electronic health record system.

BENEFITS OF A SINGLE UNIFIED COUNTY EHR

Implementing a single unified County EHR would allow the impacted departments to create a single longitudinal record, which is a record of the patient's health state across time (while each department uses different terms to describe the individuals they serve, e.g., consumers, clients, patients, we will refer to them as "patients" in this report). If a longitudinal record is pulled from a stand-alone EHR system, the patient's health state only reflects the information in that system. Although it is possible to compile a patient's data from separate EHRs and present them as a combined longitudinal record, that record relies on a number of factors to ensure it is reliable and it presents only a view of that patient across time that a physician would need to study thoroughly at the point of care. Having a single unified EHR in the County would allow for the longitudinal record to include data from any County department that delivered care to that patient and the data would be discrete and actionable. In this way, a clinician caring for a patient can receive real-time information from the system. Clinicians would be able to receive information about patients across departments, without having to rely on a single point-in-time compilation of records across disparate systems or additional work to query other electronic systems. It would also avoid the need to match their patient across multiple systems and avoid mismatches and identity errors. A single unified EHR would have the capability to avoid providing duplicative services (e.g. through public health and DHS), and allow for more accurate identification of patients at unusually high risk of poor outcomes or needing additional services, such as individuals with simultaneous medical and mental health conditions. Such real-time actionable data is key to clinical decision support and improving safety. For example, it would aid in checking for known allergies and duplicate, or conflicting, medications. Additional information about each department's EHR is included in Appendix I.

Healthcare delivery organizations who implement industry standard best practices use a single unified enterprise EHR. An enterprise EHR is structured not only to support the workflow of the clinicians delivering care, but to collect healthcare information in a manner supporting patient-centered care. This translates into one of the most important features of an enterprise integrated health record – the capture of healthcare information as discrete data within a single EHR database that is actionable. Clinical decision support on an enterprise EHR will allow County clinicians opportunities to improve the safety and quality of care delivered. The ultimate goal of clinical decision support is to "provide the right information, to the right person, in the right format, through the right channel, at the right point in workflow to improve health and healthcare decisions and outcomes" (Osheroff et al. 2004)[2]. As healthcare complexity increases,

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[2] Osheroff, J.,Rifer, E., Sittig, D., & Jenders, R. (2004). *Clinical decision support implementers' workbook. Chicago:* HIMMS.

the opportunity and ability to inject evidence-based clinical decision support become more important.

Patients can benefit from capturing patient health information in an EHR, but the information is most valuable if it can be aggregated with patient data from other sources to produce a single, longitudinal record that presents a complete picture of a patient's medical history. This record would include presenting complaints or issues, vital signs, allergies, symptoms, test results, medications, diagnosis treatments, physician/clinical notes (as allowed by HIPAA privacy rules), enabling treatment providers throughout the various care settings to quickly assess the patient accurately to provide specific treatment plans. A longitudinal record would also include lab, pharmaceutical, and imaging orders, as the majority of physical health clinical decisions involve this type of data. In addition to providing support for clinical decisions, longitudinal records comprised of data from various healthcare settings and systems could assist with creating central repositories of data to enable departments to monitor compliance with treatment guidelines, meet reporting requirements and identify best practices to improve care.

There are three ways for the County to achieve a longitudinal health record: 1) via a single unified EHR; 2) the transfer of data via an information hub; and 3) the transfer of data via a health information exchange (HIE)[3]. While these three approaches may allow for the creation of a longitudinal health record, the ability to create a seamless unified health record for patients served by the County would allow for the highest quality data and could have long-lasting physical and mental health benefits for the County's residents, as long as it can meet the requirements of each County department serving those patients.

DRAWBACKS OF A SINGLE UNIFIED COUNTY EHR

The benefits of a single unified EHR in the County must be weighed against the various drawbacks of implementing such a system. The drawbacks would require additional vetting and expertise to evaluate and to determine if the County would benefit from moving toward a single unified EHR. Significant drawbacks include:

- Time to implement – Given the intense amount of attention and resources the implementation of an EHR requires, it is estimated that the transition to a single unified EHR would be a multi-year process. For example, if a decision were made to migrate to ORCHID, DHS would first need to complete its ORCHID implementation in mid-2016 before they could support the work of bringing on another County entity. Beyond that, it is estimated that only one entity at a time

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[3] Appendix II provides additional information on options 2 and 3.

could be transitioned to the system, likely starting with DPH Community Health Services given they currently do not have an EHR.

- Financial cost – It is estimated that the cost of transitioning to a single unified EHR and phasing out existing EHRs would be substantial and would not result in any near- or mid-term cost savings. The time, vendor professional services, subject matter experts, infrastructure needs, maintenance of dual systems during the implementation phase, and other unknown costs could be significant. Extensive additional information is needed to determine the financial cost of migrating existing systems to a single unified County EHR. For instance, while Probation and LASD are currently on Cerner systems, those systems are highly customized to meet their justice-related needs, not the day-to-day needs of a health care system, which would preclude a simple conversion to ORCHID, which is also a Cerner system. Such a conversion would likely result in substantial professional services costs from the vendor.

  A single unified County EHR might yield cost savings through shared hosting, maintenance, licenses and IT support costs over the long-term, but these will not outweigh the yet to be developed, unknown costs in the short- and mid-term associated with additional infrastructure, professional services, customizations, clinic downtime, staff training, additional internal IT implementation resources, and so on that would be required over a significant period of time. Such related costs should not be underestimated. Also, since Probation and LASD primarily used County funds for their EHRs and DMH indicates they do not have the ability to get additional State Mental Health Services Act (MHSA) funding to offset such conversion costs (discussed below), the cost to migrate these departments to ORCHID could potentially be fully borne by the County.

  Finally, depending on the new unified system's ability to meet all the business needs and workflow processes of each set of varied users, an analysis would need to be done to evaluate possible residual costs related to gaps in service needs or changes in workflows. For example, if the justice-related departments have to perform new and/or additional steps to utilize ORCHID versus their existing heavily customized EHRs, there could be unavoidable inefficiencies in their use of the new system.

- Differing needs for differing populations – The business needs of each department are quite different and unique, including varying patient care settings, the need to interface and develop cohesive clinical records with contract providers or community partners, the need to protect the information of the juvenile justice population, DMH's role as the Medi-Cal Local Mental Health Plan

(LMHP) administrator, and the need to integrate health/mental health and case management information. Further, the justice-related departments have a need to track the location/movement of inmates 24-7, from one location and/or service to another, not for episodic care, such as admittance/discharge from a hospital. Each department has different workflow processes for each of these scenarios and those would need to be considered in a single unified EHR.

- Enterprise system limitations – A single unified EHR, once established, may be difficult to tailor to a single department's emerging needs going forward.

- Patient identity issues – The shift to a single unified EHR would require the County to work through various issues related to patient identification. For example, LASD uses biometric scanning to track inmates and it could be difficult to reliably link their biometric identity to the sometimes unreliable identity data that exists in other departments. Additionally, LASD indicates that an inmate's Criminal Identification and Information (CII) number, assigned by the Federal Bureau of Investigation (FBI), is protected per the Criminal Justice Information Services (CJIS) Security Policy and cannot be shared or disseminated outside of the justice setting.

- Limited staff resources – Focus on a new EHR migration for departments with an existing system may divert IT, clinical and administrative staff away from their existing job duties, which may lead to detrimental outcomes for their day-to-day operations.

FEASABILITY OF INTEGRATING ALL EHRs INTO ORCHID

If the County decides to migrate departments to a single unified EHR, it would seem to make sense to shift to ORCHID. ORCHID is the only EHR system in the County that has the ability to support all of the clinical and operational functions of each department. IBHIS, DMH's EHR system, as a niche mental health EHR, is not capable of supporting the breadth of clinical practice within Probation, LASD, or DHS. Similarly, Probation and LASD's EHRs are not built for the clinical environment that DHS operates within.

Although ORCHID can likely be adapted to support the full breadth of clinical needs for these departments, and while the County's current contract with Cerner for ORCHID allows for other County departments to access certain set pricing, there are still many considerations to vet before making a definitive decision to migrate all County EHRs to ORCHID. It will be a substantial undertaking to properly identify and thoroughly address issues associated with the benefits, challenges, risks and total cost of ownership of an integrated ORCHID system for all involved departments. As indicated above, extensive

information is needed to more accurately identify costs related to infrastructure, professional services, licenses, maintenance, customization and other associated costs of migration from either a non-Cerner EHR or another Cerner instance onto ORCHID, as well as to develop a realistic timeline for performing such a conversion.

In order to provide a more detailed and accurate response regarding a single unified County EHR, each department would need to clearly document their business needs and verify that ORCHID could meet or be modified to meet those needs. The County does not currently have the requisite expertise or available staffing for a more formal assessment and will require the assistance of an IT consultant to properly assess feasibility, operational implications, and expected costs of such an implementation. The consultant could also further develop any list of drawbacks discovered in the course of its research of the unique needs of each department.

It should also be noted, the migration to a single unified EHR, if so decided, would be a multi-year endeavor that would require a different level of time and effort for each department. It is likely the migration would require continuous evaluation to ensure the decision points along the way are prioritizing a deliberate and well thought-out process, and not just one single upfront decision. The goal would be to develop a system that allows the County to provide the best service for the least dollars at each point along the way.

CLAIMING

Claiming refers to the system infrastructure, processes, and staff work required to claim reimbursement for services provided to patients via each department's electronic information system. There was consensus among the represented departments that it is possible to manage claiming without including it in a single unified EHR system. Additionally, given the complexities of claiming and the specific needs of each department and their associated reimbursement requirements, it is not clear that a single claiming system would be practical. Thus, the decision as to whether to integrate the clinical EHR systems should be made separately from a decision to integrate claiming functions into a single system. Additional information regarding claiming is provided in Appendix III.

PHASING OUT THE USE OF AN EHR BUILT WITH FEDERAL/STATE FUNDS

The ramifications of discontinuing or phasing out the use of an EHR built with federal or State funds were only considered for IBHIS as the Board motion did not contemplate the phase-out of DHS' ORCHID, and Probation and LASD did not use federal or State funding for their systems.

IBHIS was purchased and has been implemented to date through a combination of State MHSA Information Technology funds, federal meaningful-use incentive payments and other DMH funding. If the Board decided to discontinue the use of IBHIS, there is no information about whether State MHSA funds would need to be repaid or whether additional MHSA funds would legally be able to be used to support a new system. County Counsel is reviewing these issues to provide a more definitive response. With regard to federal meaningful-use incentive payments, it does not appear that there would be an issue with these funds, as they are tied to a provider's use of an EHR, not the EHR system itself. County Counsel will continue to review this issue.

NEXT STEPS

Given the need to further evaluate specifics around the benefits and drawbacks of a single unified EHR in Los Angeles County, we will engage IT consultant services to prepare a formal assessment of the feasibility of integrating all County EHRs into ORCHID, including the clinical and operational benefit, potential cost, and timeline of potential integration. The County will request that the IT consultant also survey what other counties have done with their EHRs and claiming systems to ensure that best practices are considered when providing a recommendation.

The CEO will work with the CIO to secure an IT consultant and to assemble a multi-departmental ORCHID Assessment Team (Team) comprised of IT, clinical, business and claiming subject matter experts, to evaluate clinical, business, software and total cost of ownership related to a possible migration to ORCHID. The Team will develop specific goals, objectives and timelines for a well thought-out strategy that can more thoroughly address the issues posed in the Board motion and more thoroughly evaluate the feasibility of migrating to ORCHID. Specifically, the analysis should focus on whether ORCHID can meet the behavioral health and LMHP administrative requirements of DMH, as well as the distinct business needs of LASD and Probation. County Counsel will also more thoroughly address any possible ramifications of phasing out any systems that have been funded with State or federal funds, which could be a critical data point in decision making. We anticipate providing a progress report to your Board in January 2016.

If you have any questions or require additional information, please contact me, or your staff may contact Mason Matthews at (213) 974-2395 or mmatthews@ceo.lacounty.gov.

SAH:SK
MM:EB:bjs

Attachment

c: Executive Office, Board of Supervisors
     Sheriff
     County Counsel
     Chief Information Officer
     Health Services
     Mental Health
     Probation
     Public Health

090815_HMHS_MBS_EHR

Appendix I: Electronic Health Record System Background

Currently, four County Departments have implemented EHRs—DHS, LASD, Probation and DMH. DHS, LASD and Probation are currently on Cerner Corporation (Cerner) EHRs, while DMH is utilizing a Netsmart solution.   Although DHS, LASD and Probation all acquired Cerner solutions, each was purchased at a different point in time and via different Board-approved contracts and each system has been heavily customized with different workflows and processes to suit each department's clinical and business needs. Additionally, the Probation EHR was implemented in accordance with a settlement agreement with the U.S. Department of Justice (DOJ).

The following is a summary of the existing EHR systems currently operational in the County:

- **DHS' Online Real-Time Centralized Health Information Database (ORCHID)**: ORCHID is a Cerner solution using the internet and an industry standard secure Citrix web-based software that has been modified to meet the inpatient/outpatient business and clinical needs of DHS. The implementation of ORCHID began in 2014 and will be completed in March 2016. To-date, DHS has used a combination of federal meaningful use incentive payment dollars and existing DHS funding (no net County cost) to pay for the ORCHID implementation. Three of the six "Clusters" have successfully implemented ORCHID (Harbor UCLA and surrounding Ambulatory Care Network (ACN) facilities, MLK Outpatient Center and surrounding ACN facilities and LAC+USC with its surrounding ACN facilities) which constitutes 75 percent of all DHS clinical care on the enterprise standardized ORCHID system.

- **LASD's Jail Health Information System (JHIS):** JHIS is a Cerner solution that uses the internet and an industry standard secure Citrix web-based software that has been modified to meet the clinical and business needs of LASD's jail setting. By design and policy, JHIS can only be accessed on-site at specific LASD locations and customization includes an interface with the internal Automated Jail Information System (AJIS), including the use of biometric scanning for patient tracking and EHR record retrieval. JHIS was implemented in 1998 and is utilized to track the delivery of health care services and maintain a centralized clinical data repository of all inmates. LASD/DHS oversee an Urgent Care Center (UCC) onsite at Twin Towers Correctional Facility and enter clinical notes into JHIS. DHS also provides specialty services and inpatient care services for inmates at the LAC+USC Jail Ward and DHS uses ORCHID for these services. Additionally, DMH treats clients in the jail setting and DMH clinicians enter notes into JHIS for their jail clients. DPH provides limited services in the jails, including 1) TB screening, diagnosis, treatment, case management and consultation services for inmates which is documented in JHIS, 2) in-custody substance use disorder treatment programming which is documented by DPH Substance Abuse Prevention and Control in a web-enabled system hosted by ISD that allows for data exchange with other departments, as needed; and 3) HIV testing, STD screening and transitional case management, documented in multiple electronic platforms, including HIV Casewatch, STD Casewatch and in the HIV testing database. To-date, LASD's JHIS has been funded through a combination of Inmate Welfare Funds generated through the sale of commissary goods in the jail system and County funding.

- **Probation's Electronic Medical Record System (PEMRS)**: PEMRS is a Cerner web-based solution that has been modified to meet the business and clinical needs of Probation, including an interface with their Probation Case Management System (PCMS). PCMS includes information related to a minor's detention status, admission, movement/transfer and other non-clinical information that should be maintained confidentially[1]. DMH clinical staff provide probation

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[1] While a juvenile's clinical record can be shared between clinicians for clinical treatment purposes and continuity of care per Health Insurance Portability and Accountability Act (HIPAA) and Confidentiality of Medical Information Act (CMIA), California's Welfare and Institutions Code (WIC) 827 prohibits the disclosure of information identifying a youth's status as a probationer and also restricts the access to the juvenile "case file." Since the clinical and the

youth with care in the camps and halls through their Juvenile Justice Mental Health (JJMH) staff and DHS provides healthcare services to the youth through Juvenile Court Health Services (JCHS) staff. Probation does not directly provide any clinical care to minors in their custody. PEMRS was implemented in 2011 as a DOJ requirement and is used to store and maintain electronic medical records for all detained minors in the care and custody of the County. To date, Probation has used internal County funding to pay for its PEMRS implementation and has not received state, federal or any other source of funding for their system.

- **DMH's Integrated Behavior Health Information System (IBHIS)**: IBHIS is a Netsmart Corporation web-based software solution that was implemented in 2012. IBHIS has been implemented in 121 of 131 of DMH's Directly Operated (DO) Providers. Those remaining sites are either Jail Mental Health or Probation sites. Currently, in the jails and probation camps/halls, DMH staff enter data into two systems, pending a final determination on how these programs will implement a final system solution. DMH staff enter clinical information into JHIS and PEMRS and also re-enter limited clinical information into their existing Legacy System (LS) for claiming and workload documentation purposes. To-date, DMH has used Mental Health Services Act (MHSA) Information Technology Funds, federal Meaningful Use incentive payments and other DMH IT funding to pay for its IBHIS implementation.

- **DPH**: DPH does not have an EHR system, but intends to implement ORCHID for its Community Health Services clinics, subject to Board approval and the identification of funding. DPH is working with Gartner Consulting to develop a roadmap for its EHR implementation, including the infrastructure, staffing, and processes that will be necessary for success and the assessment should be completed by Fall 2015. Gartner has provided high-level cost estimates for ORCHID adoption, and DPH will incur additional costs to staff the implementation and system support. DPH will work with DHS, County Counsel, and CIO to refine the cost estimate. DPH indicates the possibility of some revenue generation with the implementation of an EHR given that they will able to capture essential data elements to claim for certain services for which they are unable to claim now. DPH has identified some funding within existing resources to pay for a portion of the anticipated cost, but would still need to identify additional funding to offset the entire system cost.

- **Jail Health Services (JHS)**: JHS encompasses services provided by LASD, DMH, DHS, and DPH. DMH is currently discussing a proposed interface of IBHIS with the LASD and Probation EHRs for mental health clinical data, which could possibly commence in late 2015 or early 2016, pending a decision on a final EHR system solution. Additionally, on June 9, 2015, the Board approved the integration of jail health services under the DHS, which will require additional discussion on how to organize the EHR systems to best meet the needs of coordinated patient care provided by the departments. Therefore, this will not be considered in this report.

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juvenile case files are interfaced into PEMRS to meet Probation's business needs, the County needs to carefully address information sharing involving probation youth.

Appendix II: Alternatives to Using ORCHID and/or a Single Unified County EHR

The County could opt to acquire a new unified health record system and migrate all current County departments with EHRs to a new EHR system. The County could go down the path of developing an integrated unified system from scratch and build it to meet the various needs and specifications of the various departments. This option did not seem feasible as the County has already invested tens of millions of dollars and countless hours to launch ORCHID. Given that ORCHID seems to have the ability to be converted into a unified system for the County, the option to discontinue its use and acquire a new system for the County was not pursued.

Further, two available alternatives to a single unified County EHR were reviewed:

1. *A Cerner "hub" that would connect the County's Cerner and non-Cerner EHRs –* All three installations of Cerner in the County, currently at DHS, Probation, and LASD are completely separate and independent "instances" that do not currently share data. In order to aggregate patient data from each Cerner instance and create a more complete picture of a patient's medical history, the County could implement Cerner's interoperability functionality known as the Clinical Exchange Network (also known as the Resonance Hub). The Resonance Hub shares Continuity of Care Documents (CCD) [2] and Transition of Care (ToC) documents that are PDF documents and therefore, generally non-actionable data. The Hub also offers some limited ability to pull discrete data and share it between Cerner systems (this option is not available for sharing between a Cerner system and non-Cerner system). The ORCHID agreement, approved by the Board in November 2012, includes language that allows all County Cerner instances to share information via the Resonance Hub with no per-transaction charge. The Resonance Hub can also exchange information with non-County EHRs, such as the Martin Luther King, Jr. Community Hospital (MLKCH) Cerner instance and DMH's IBHIS. DMH has been working with its IBHIS vendor, Netsmart, on a proposal to integrate IBHIS with the Resonance Hub to exchange clinical information with the other County instances of Cerner, but as noted above, the Resonance Hub does not provide the ability to share discrete, actionable data with a non-Cerner system. Netsmart has done this before elsewhere, but will face the standard challenges to maintain interfaced products. Due to these limitations, the Hub would not replace the granularity of an integrated, single unified data structure that would be present in a single unified EHR.

    The pre-requisite to allow County Cerner instances to exchange information via the Resonance Hub is that all instances be on the most updated software platform. DHS' ORCHID is updated to the most recent software version for those clusters that have gone live. Probation's PEMRS only recently upgraded to the most up-to-date software version in Spring 2015; however, due to the limitations of WIC 827, another technical modification needs to be explored to mask juvenile patient information and the soonest Probation could share information is by the end of 2015. LASD's JHIS is scheduled to be upgraded and available to share information by December 2015. Once all instances are live and on the same software version, the County could implement the Hub to share select information between Cerner instances via CCD's, which will contain general patient information, such as medication, allergies and other pertinent data relevant to their care. Data sharing using the Resonance Hub does not happen automatically—it can only occur upon the submission of a query from one of the participating systems to the Hub. That query will result in the generation of a CCD that can eventually be uploaded into the querying department's EHR as a PDF (non-structured/non-discrete data). Clinician feedback on this query functionality indicates that this can be a delayed process that greatly limits clinical usefulness. The uploaded information does not directly become part of the patient record; instead, it is only

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[2] See Appendix IV.

viewable and if a decision is made to incorporate it into a patient's health record, it would transfer in as a "screen shot" and not be integrated into the various viewable data fields in the system. While the ease of implementation and cost of this alternative are benefits, the need to query the information and the fact that the information is not fully consumed into the receiving department's medical record are considered major drawbacks of this alternative.

2. *An HIE that could share data between County and non-County EHRs from any vendor* – Another available option for sharing data among disparate health providers and systems is through an HIE, such as the Los Angeles Network for Enhanced Services (LANES). The County has been working with a public/private organization, LANES, to establish an HIE in Los Angeles. This has largely been driven by the County's need to share data with numerous non-County partners, such as the Community Partners (CPs) to assist with the provision of outpatient primary care services as part of DHS' empanelment for primary care. LANES is planning to go-live by the end of 2015 with a limited set of DHS facilities and Community Partner clinics. While the County will continue to pursue this option due to the need to have a viable HIE in Los Angeles County to connect to non-County providers, drawbacks are similar to those of the Cerner Resonance Hub option above, in that this is a query based option that is not yet designed to be fully consumable into the receiving EHR. While it is possible to transmit discrete data via an HIE and utilize that data in an actionable way, the basic framework for LANES at this time is to initially provide basic data sharing among DHS and non-County physical health providers.

Neither of these options would achieve the same results as a single unified EHR. While information exchange is possible in the near future within the existing Cerner instances residing with DHS, LASD and Probation, sharing through the Resonance Hub and/or an HIE will not create a single County-wide platform for a unified record for each individual patient, nor will it allow the staff using the systems in each department the ability to have a single portal to access, share and update electronic clinical records in real-time. Employees will log into their own system, submit a query and receive information for view and the document can be incorporated into the patient record in their own system. The data is not actionable and the granularity of clinical data can be compromised at each interface point, so although information sharing can be achieved, the quality of data is believed to be greater when it resides within one system.

These alternatives could play a role in improving the integration of health care data in the County and improve the coordination of care for County clients and patients in the future. Therefore, these alternatives will be considered as part of the assessment we are recommended by completed to determine what role they can play in the Board's direction to evaluate a single unified EHR for the County.

Appendix III: Claiming

Claiming in the health/mental health setting, especially for the safety net population, is extremely complicated, with a need to have familiarity with various local and federal rules and guidelines. The ability for County departments to have reliable, accurate and robust claiming capability is of paramount importance. Each department's ability to maximize revenue generation for the various reimbursable services provided will be a key to their success in a post-ACA environment. Currently, claiming is handled differently throughout the County, either with integration of a separate claiming solution to an existing EHR or in a partially automated fashion with extracted data elements from the EHR used as the basis for claiming. If the Board approves the integration of the County's EHR clinical systems into ORCHID, County employees familiar with the Cerner EHR platform state that it integrates well with third-party claiming solutions. A brief description of each department's claiming scenario is included below:

- **DHS:** DHS' claiming solution is not a Cerner product and is interfaced to ORCHID. DHS is investigating technical options for its long-term claiming needs.

- **DMH:** Claiming has been fully implemented in IBHIS for all DO providers. One unique consideration is that DMH acts as the Medi-Cal LMHP administrator for the County on behalf of the State and as such, all of DMH's Contracted Legal Entities (CLE) must claim Medi-Cal reimbursement through DMH. As part of this process, in addition to submitting DO claims to the State for reimbursement, DMH must also process, pay, and then request reimbursement of payments for CLE claims from the State. Therefore, CLEs will always exchange administrative, clinical, and financial data with DMH via interfaces between their own EHR systems and whichever EHR or claims processing system DMH uses. To-date, four of 130 CLEs have interfaces with IBHIS for claiming. DMH will continue to rollout claiming to the remaining 126 CLEs; however, given the complexity of mental health Medi-Cal claiming, additional effort is needed to optimize DMH processes to ensure timely and accurate claims processing when the remaining CLEs go-live, which will likely occur by late 2016. DMH DO claiming is based on the integration of clinical documentation in IBHIS and claims processing module in IBHIS. If DO clinical documentation were shifted to ORCHID, an entirely new claims processing approach would be needed. An alternative approach to DMH CLE claiming may likewise require a viable alternative claiming approach in the absence of IBHIS. Regardless of any possible decision to migrate DMH from IBHIS to ORCHID, it is in the County's best interest to allow DMH to complete the rollout of claiming to the 126 remaining CLEs.

- **Probation:** PEMRS is a multi-department collaboration between DHS, DMH and Probation. PEMRS does not have a claiming module as claiming is currently done by DHS and DMH for a limited subset of Probation youth[3].

- **LASD:** JHIS does not currently include claiming functionality; however, LASD is scheduled to implement a Cerner claiming module in March 2017. Inmate patients are not currently eligible to receive Medi-Cal while in custody, but LASD is currently reviewing the possibility of billing private insurance, including the State Healthcare Exchange, also known as Covered California, for certain non-adjudicated inmate patients.

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[3] Medi-Cal reimbursement is not permitted for in-custody patients and is only permitted for a small number of youth that have been released from custody and are awaiting Suitable Placement (SP). When a youth is awaiting SP or are in SP, they are still in the care, custody, and control of Probation, which can range from 7 to 90 days, with the average at about 30 days. After that timeframe, the youth will typically transition to a group home, foster home facility, or home family setting. During that transitional period, Probation is able to claim for health/mental health treatment.

Appendix IV: Sample CCD Document

Health Summary

Patient	TAMMY BUTLER		
Date of Birth	Jan 22, 1972	Sex	Female
Race	White	Ethnicity	
Contact Info	Primary Home:	Patient IDs	79847
	209 SE SOMERSET DR		2.16.840.1.113883.3.13.3.99.119.101.1
	LEES		
	SUMMIT, MO 64063-1040, US		
	Tel (Primary Home):		
	(816)467-9853		
Preferred Language	eng		
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Performer (primary care physician)	Phil Shell, MD		
Contact Info			
Performer (primary care physician)	Bob Smith, MD		
Contact Info			
	Tel (Work Place): (816)777-9797		
Performer (primary care physician)	James Ahmad, MD		
Contact Info			
Performer (primary care physician)	Phil Heat, MD		

Contact Info

Performer (primary care Ali Slimani, MD

physician)

Contact Info

Performer (primary care Phyllis Robinson, MD

physician)

Contact Info

Tel (Work Place): (913)098-7654

Performer (primary care George Velianoff

physician)

Contact Info

Performer (primary care Phil Sansale, MD

physician)

Contact Info

Performer (primary care Jeremy Young, MD

physician)

Contact Info

Performer (primary care Cari Caprio, MD

physician)

Contact Info

    Tel (Work Place): (816)939-4330

Performer (primary care

physician)   Dana Breen, MD

Contact Info

    Tel (Work Place): (816)759-4000

Author   Millennium Clinical Document Generator

Contact Info

Document Maintained By

Contact Info

Encounter(s)

7/22/15
Iyadat Noor meirheim 30 Helsinki, 00100 Finland 03404949498
Attending Physician: Fincham MD, Colin C

7/21/15
Iyadat Noor meirheim 30 Helsinki, 00100 Finland 03404949498
Attending Physician: Fincham MD, Colin C

7/18/15 - 7/18/15
Avondale Clinic 2800 Rockcreek Parkway Kansas City, MO 64117- US (816) 201-1024
Discharge Disposition: Home or Self Care
Attending Physician: Ahmad MD, James

7/14/15
Baseline West Medical Center 5276 Rockcreek Parkway Kansas City, MO 64117-2521 US 816-565-1853

7/8/15
BW Healthe Clinic 2342 75th Street Kansas City, MO 64115- (816) 555-4545

Attending Physician: Smith MD, Bob
Admitting Physician: Smith MD, Bob

Vital Signs

Most recent to oldest [Reference Range]:	1	2	3	4	5	6	7	8	9	10
Temperature Oral [35.8-37.3 degC]	37 degC (4/3/15 10:52 PM)	37.1 degC (2/18/15 6:53 AM)	38.2 degC *HI* (10/27/14 1:56 PM)							
Temperature Temporal Artery [36.3-37.8 degC]	38 degC *HI* (3/5/15 10:21 AM)									
Peripheral Pulse Rate [60-100 bpm]	83 bpm (4/3/15 10:52 PM)									
Respiratory Rate [14-20 br/min]	16 br/min (4/3/15 10:52 PM)									
Blood Pressure [90-140/60-90 mmHg]	132/88 mmHg (7/8/15 5:56 PM)	130/86 mmHg (7/8/15 5:55 PM)	132/88 mmHg (7/8/15 5:53 PM)	130/86 mmHg (7/8/15 5:51 PM)	124/84 mmHg (7/8/15 5:47 PM)	120/64 mmHg (7/8/15 5:44 PM)	130/82 mmHg (7/8/15 5:27 PM)	124/68 mmHg (7/8/15 3:33 PM)	122/80 mmHg (7/8/15 3:27 PM)	112/60 mmHg (7/8/15 3:23 PM)

Mean Arterial Pressure, Cuff	77 mmHg (7/8/15 3:23 PM)	85 mmHg (4/3/15 10:52 PM)	102 mmHg (2/18/15 6:53 AM)	100 mmHg (11/6/14 4:06 PM)	111 mmHg (10/27/14 1:56 PM)	92 mmHg (10/21/14 1:40 PM)	102 mmHg (12/20/13 4:01 PM)

Problem List

Condition	Effective Dates	Status	Health Status	Informant
At risk of venous thromboembolus(Confirmed)[1]	4/24/15	Active		
COPD bronchitis(Confirmed)		Active		
Headache(| Confirmed |)(Confirmed)	2010	Active		
Hypertension(Confirmed)		Active		
Type 2 diabetes mellitus(Confirmed)	5/2/12	Active		

[1]Problem added by Discern Expert

Allergies, Adverse Reactions, Alerts

Substance	Reaction	Severity	Status
penicillin	Abdominal pain nausea diarrhea	Moderate	Active

Medications

amoxicillin 400 mg/5 mL oral liquid
5 mL, Oral, q12hr, X 7 days, # 70 mL, 0 Refill(s), 01/15/15 9:12:00 CST, called to pharmacy (Rx), Pharmacy OP Main
Start Date: 1/8/15
Stop Date: 1/15/15
Status: Completed

metFORMIN 1000 mg oral tablet
1 tabs, Oral, BID, # 180 tabs, 0 Refill(s), Pharmacy OP Main
Start Date: 5/2/12
Status: Ordered

Tylenol 325 mg oral tablet
1 tabs, Oral, q4hr, PRN, # 60 tabs, 0 Refill(s), 04/04/15 0:19:00 MSK, other reason (Rx), Pharmacy OP Main
Start Date: 4/4/15
Stop Date: 4/4/15
Status: Completed

Results

Hematology

Most recent to oldest [Reference Range]:	1	2	3
WBC [4.0-11.0 x10^3/mcL]	14.0 x10^3/mcL *HI* (11/3/14 8:21 AM)	11 x10^3/mcL (10/14/14 2:00 PM)	11 x10^3/mcL (12/30/13 10:14 AM)
RBC [3.80-4.80 x10^3/mcL]	3.40 x10^3/mcL *LOW* (11/3/14 8:21 AM)		
Hgb [12.0-16.0 %]	13.0 % (11/3/14 8:21 AM)		
Hct [37.0-47.0 %]	40.0 % (11/3/14 8:21 AM)		
Platelet [150-400 x10^3/mcL]	467 x10^3/mcL *HI* (11/3/14 8:21 AM)		
MCV [80-96 fL]	118 fL *HI* (11/3/14 8:21 AM)		
MCH [27.0-33.0 pg]	38.2 pg *HI* (11/3/14 8:21 AM)		
MCHC [31.0-36.0 %]	32.5 % (11/3/14 8:21 AM)		

RDW [11.8-14.1 %]   12.7 %

(11/3/14 8:21 AM)

MPV [7.8-11.2 fL]   8.0 fL

(11/3/14 8:21 AM)

Neutro Auto [42.0-75.0 %]   42.0 %

(11/3/14 8:21 AM)

Lymph Auto [20.0-55.0 %]   25.0 %

(11/3/14 8:21 AM)

Mono Auto [1.0-10.0 %]   4.0 %

(11/3/14 8:21 AM)

Eos Auto [<=7.0 %]   6.0 %

(11/3/14 8:21 AM)

Basophil Auto [<=1.5 %]   4.0 %

HI

(11/3/14 8:21 AM)

Chemistry

Most recent to oldest [Reference Range]:	1	2	3
Blood Glucose, Capillary [74-106 mg/dL]	9 mg/dL *LOW* (4/9/15 2:49 PM)	10 mg/dL *LOW* (4/8/15 1:12 PM)	
Glucose Random [80-120 mg/dL]	265 mg/dL *HI* (10/14/14 2:00 PM)	265 mg/dL *HI* (12/30/13 10:14 AM)	
Hgb A1c [4.0-6.0 %]	8.5 % *HI* (10/14/14 2:00 PM)	8.5 % *HI* (12/30/13 10:14 AM)	7.5 % *HI* (12/20/13 4:00 PM)
Chol [200.0 mg/dL]	210 mg/dL *HI* (10/27/14 2:06 PM)	260 mg/dL *HI* (10/27/14 1:47 PM)	
HDL [27-67 mg/dL]	35 mg/dL (10/27/14 1:47 PM)	53 mg/dL (12/20/13 4:00 PM)	

LDL [60-139 mg/dL]	135 mg/dL	150 mg/dL		126 mg/dL
	(10/27/14 2:06 PM)	*HI*		(12/20/13 4:00 PM)
		(10/27/14 1:47 PM)		
Trig [40.0-160.0 mg/dL]	138 mg/dL			
	(12/20/13 4:00 PM)			
LDL POC [60-0 mg/dL]	81 mg/dL			
	HI			
	(10/29/14 3:32 PM)			

Immunizations

Vaccine	Date	Refusal Reason
measles/mumps/rubella virus vaccine	1/5/10	
poliovirus vaccine, inactivated	4/12/10	
poliovirus vaccine, inactivated	1/5/09	

Procedures

No data available for this section

Social History

No data available for this section

Assessment and Plan

No data available for this section

CHIEF INFORMATION OFFICE
Los Angeles World Trade Center
350 South Figueroa Street, Suite 188
Los Angeles, CA 90071

Telephone: (213) 253-5600
Facsimile: (213) 633-4733

RICHARD SANCHEZ
CHIEF INFORMATION OFFICER

February 18, 2016

To: Supervisor Hilda L. Solis, Chair
        Supervisor Mark Ridley-Thomas
        Supervisor Sheila Kuehl
        Supervisor Don Knabe
        Supervisor Michael D. Antonovich

From: Richard Sanchez
        Chief Information Officer

COUNTY INFORMATION MANAGEMENT STRATEGY

On July 14, 2015, the Los Angeles County Board of Supervisors (Board) unanimously passed a motion directing the Interim Chief Executive Officer (CEO) and the Chief Information Officer (CIO) to provide a Countywide Master Data Management (CWMDM) System implementation report to the Board in 180 days that includes information on the following:

- Project expenditures to date;

- System governance, including day-to-day responsibility and "ownership" of the system, and issue resolution between and among participating departments;

- How the Master Data Management System differs from the existing Department of Children and Family Services (DCFS) Family Child Index (FCI) system;

- Build-out of the Countywide Shared Infrastructure and the Master Person Index (MPI) and Oracle data exchange for the DCFS Child Welfare Services/Case Management System (CWS/CMS);

- A study on the functionality of the proposed consolidated MPI and Electronic Health Records (EHR) system based on the report back to the Board for the April 7, 2015 Motion on EHR system consolidation;

- Dashboard indicators used to monitor development, implementation and usage of the system and the MPI; and

- Future project phases, including build-out and ongoing operational costs, and how interactivity will be achieved with the Department of Public Social Services' (DPSS) Leader Replacement System (LRS) and the CEO's Enterprise Linkages Project (ELP).

CWMDM PROJECT STATUS

To date, the CWMDM project expenditures total $2,299,864 from the over-all budget amount of $5,400,000. The expenditure breakdown is as shown below:

- o Software: $1,263,336
- o Services: $1,036,528
- o Budget balance: $3,100,136

Project overall status is on schedule and on budget.

●	DCFS implementation (2.5 million current and historical children records) – planned go-live on 4/4/16 • Requirements validation - completed • Baseline configuration – in progress • User acceptance testing – March 2016
●	Department of Mental Health (DMH) implementation (800,000 current records) – planned go live on 5/26/16 • Requirements validation – completed • Baseline configuration – in progress • User acceptance testing – April 2016
●	Countywide MDM (approximately 8 million records: DCFS, DMH and DHS) – July 2016 • Requirements and architecture – in progress • Baseline configuration – May 2016 • User acceptance testing – June 2016

CWMDM GOVERNANCE

Following the Board's approval to proceed with the implementation of the first phase of CWMDM in June 2015, the Chief Data Officer (CDO) established a CWMDM Governance Council comprised of current and future participating departments, including DCFS, Health Agency Departments, DPSS and Internal Services Department (ISD).

The Governance Council will oversee the implementation of the departmental instances of a MPI (dMPI) for DCFS, DMH, Countywide MDM, and its integration with the Department of Health Services' (DHS) MPI. Participating departments will be responsible for managing the implementation and day-to-day operations of their dMPIs and the CDO will manage the Countywide MDM and its integration with dMPIs. On completion of the first phase of CWMDM, the CDO will begin to work with other departments, including DPSS and Public Safety Departments to interoperate with CWMDM.

ARCHITECTURE AND SHARED INFRASTRUCTURE FOR DATA SHARING

The architecture for data sharing is comprised of three components:

CWMDM Countywide Master Data Management	• Resolve and link identities across county systems • Locate authoritative sources of client records
CWPIX Countywide Proactive Information eXchange	• Information "highway" to enable secure exchange of data • Ensure compliance with security and confidentiality
DaaS Data as a Service	• Operational Data Stores and Analytical tools • Standard web services and interfaces for data integration

The first phase of CWMDM will establish a Countywide MDM instance and dMPI instances for DCFS and DMH, and integration with DHS' MPI. Once completed, CWMDM will be used as the "identity clearing house" to link common client identities across these departments and identify potential client records for sharing.

The CDO will also be evaluating the use of the Proactive Information eXchange (PIX) platform that is currently being used to exchange information between Public Safety departments for a Countywide application. The purpose of Countywide PIX is to provide the "information highway" by which information can be shared and exchanged using the common client linkages established by CWMDM.

Data-as-a-Service is comprised of data repositories serviced by a common set of analytical tools, standard web services and interfaces to publish, access and analyze aggregated data to infer trends and provide analytics for policy, business decision making and to facilitate service integration.

How does CWMDM differ from DCFS' FCI?

FCI is a customized database used by participating departments (DCFS, District Attorney, Public Health, Mental Health, Probation, Public Social Services and Sheriff) as a "pointer" system that refers authorized users to agencies for specific case information related to children that have been identified as being at-risk for child abuse and neglect. FCI stores basic demographic data about families and children that have had contact with public agencies and have been designated as "at-risk" for abuse or neglect. Participating departments identify these cases and manually update FCI with basic information.

Authorized users perform manual searches in FCI to identify additional case information that may be available from other participating agencies.

CWMDM is used to resolve and link identities across systems and locates records based on the linked identities. The information in CWMDM is automatically updated and synchronized from department instances of their MPI, e.g. DCFS, DMH and DHS. CWMDM uses highly sophisticated probabilistic algorithms and business rules to identify and link person identities from different systems. Once linked, the location of additional person or case records will be identified.

How will CWMDM exchange data with DCFS' CWS/CMS?

CWS/CMS is a statewide computer system that automates the case management, services planning, and information gathering functions of child welfare services that is managed by the California Department of Social Services. DFCS is required to manually update all child welfare case management information in CWS/CMS and has developed an Oracle database to periodically draw down case information from CWS/CMS to address their reporting and analytical needs. The DCFS instance of the MPI will use person demographics from the Oracle database to reconcile identities across DCFS cases to create a "golden" person record, which is subsequently passed along to CWMDM to identify potential linkages to "golden" person records from other County systems.

How does CWMDM fit into the County's consolidated EHR strategy?

DHS has implemented a MPI, using the same technology platform as CWMDM, to create "golden" patient records across its health system. CWMDM will utilize these to find links to records from DCFS and DMH to create a "common" client record, which can in turn be used to identify patient records that can be shared across DCFS, DMH and DHS. The County has started an evaluation of the Probation Electronic Medical Records System, Integrated Behavioral Health Information System and the Sheriff's Jail Hospital Information System to create a strategy that will generate a consolidated EHR. The CDO will work with the evaluation team in the coming months to determine the role of CWMDM in creating and sharing the County's consolidated EHRs.

How does CWMDM interact with the DPSS LRS and the CEO's ELP?

DPSS is a member of the CWMDM Governance Council and will be evaluating how to integrate DPSS' master client records from LRS into CWMDM. The CEO has recently completed its transition of ELP from a vendor-hosted environment to a centrally-hosted ISD platform. ELP utilizes custom built algorithms to reconcile identities in its database. The CDO will work with CEO and DPSS to determine how ELP can leverage the identity resolution capabilities of CWMDM.

What is the build-out and ongoing costs for CWMDM?

In July 2015, the Board approved an Agreement with IBM to acquire an enterprise license for CWMDM, which entitles County to utilize the software to manage up to 10 million person identities. The five-year operating costs for CWMDM are as follows:

	FY15-16	FY16-17	FY17-18	FY18-19	FY19-20
Software license & maintenance	$ 1,263,336	$ 221,883	$232,977	$244,626	$256,858
Phase 1 implementation services	$ 3,124,413	$ -	$ -	$ -	$ -
IBM technical support	$ -	$ 275,000	$ 275,000	$ 275,000	$ 275,000
ISD hosting	$977,366	$756,748	$794,586	$834,315	$876,031
Total	$ 5,365,115	$1,253,632	$1,302,563	$1,353,941	$1,407,888
Cost recovery ($ per person record)		$.13	$.13	$.14	$.14

The implementation and first year of CWMDM operations are funded in equal parts by the CEO IT Fund, Productivity Investment Fund and the Information Technology Fund. Beginning in FY 16-17, the operation of CWMDM will be offset by recovering the cost from participating departments at the rate of $.13 - $.14 per person record.

If you have any questions or require further information on this matter, please let me know or your staff may contact Peter Loo, Chief Deputy Director, at 213.253.5627 or PLoo@cio.lacounty.gov.

RS:PL:lc

c: Chief Executive Office
        Executive Office, Board of Supervisors
        Internal Services Department

SACHI A. HAMAI
Chief Executive Officer

November 16, 2015

To: Supervisor Michael D. Antonovich , Mayor
Supervisor Hilda L. Solis
Supervisor Mark Ridley-Thomas
Supervisor Sheila Kuehl
Supervisor Don Knabe

From: Sachi A. Hamai
Chief Executive Officer

FEASIBILITY OF CONDUCTING ANNUAL INFORMATION TECHNOLOGY (IT) AND SECURITY POLICY AUDITS (ITEM NO. 8, AGENDA OF JULY 14, 2015)

On July 14, 2015, on a motion from Supervisor Mark Ridley-Thomas, the Board of Supervisors (Board) directed the Auditor-Controller (A-C), in coordination with the Interim Chief Executive Officer (CEO), to report back in 60 days on the feasibility of conducting Information Technology (IT) and Security Policy Reviews of every County department, including the CEO and Executive Office of the Board of Supervisors, on an annual basis.

In addition, the Board instructed the CEO to require any department or office with IT security vulnerabilities, as identified by the A-C, to submit detailed reports to the Board, A-C and the Chief Information Office (CIO), County Chief Information Security Officer (CISO) every 90 days on the progress being made to correct each security vulnerability and the steps being taken to prevent further future problems until each vulnerability is fully corrected.

Feasibility of Conducting Annual IT and Security Policy Reviews

Fundamental to the achievement of reasonable IT security assurance are the staff resources and technical tools already funded within County departments to develop and maintain their IT security infrastructure. Departments' IT security experts should be regularly reviewing the strength of their IT security methods to ensure compliance with Board IT policies and prepare for evolving security threats. However, it is important to continually identify IT vulnerabilities through independent certifications of compliance with County IT policies and it is equally essential to constantly improve strong IT security defenses within the County's larger IT environment. While it is feasible to

conduct annual IT policy audits of every County department, due to departmental size variances and system configuration complexities, we estimate the annual cost to be significant. Preliminarily, the A-C developed five scenarios (Attachment 1) that estimates the cost of performing IT policy audits based on varying frequencies. However, before recommending any of the five scenarios or other alternatives, we believe it is critical to expand the A-C's current risk assessments to incorporate each department's current level of knowledge and their monitoring efforts to ensure compliance with the IT policies. I have directed the A-C, to immediately contract with an outside IT security assessment expert to assist with this risk assessment, which will include reviews of written policies, procedures, practices, and interviews with departmental IT staff and management. These assessments will assist the A-C to incorporate additional elements into their current risk assessments and may identify potential departmental IT vulnerabilities that can be incorporated into the County's coordinated IT security program.

The A-C will have an agreement established as soon as feasible with the assessments being completed on a flow basis. We have included $300,000 in the Fiscal Year (FY) 2015-16 Supplemental Budget to begin this effort.

Benefits of Annual IT Policy Audits

Annual IT policy audits will provide independent oversight to help identify potential vulnerabilities and ensure timely corrective action to protect IT equipment and sensitive data. The audits may also cause departmental staff to be more vigilant in their adherence with IT policies, which may also better insulate the County from costly data breaches.

As previously mentioned, annual audits would be costly and until new staff could be hired and trained, existing audit resources would need to be redirected from their current and planned assignments to complete the IT audits. Redirecting staff would also limit the A-C's resources to perform other critical unplanned audits directed by the Board, (e.g., LA County Fairplex Review, the Office of Management and Budget Uniform Guidance Implementation, etc.).

Given the importance of this effort, the involved departments will continue to assess the effectiveness of the County's IT security strategy and will come back to the Board during the FY 2016-17 budget process with additional recommendations.

Audit Corrective Action Plan

A key element of every audit report includes the department's Corrective Action Plan (CAP) on identified deficiencies or anomalies. This CAP describes specific accomplishments and progress being made to correct deficiencies and vulnerabilities

identified by the A-C and are submitted on a flow basis. Effective immediately, all IT security policy deficiencies identified as a result of an audit review, as prepared by the A-C, CIO, or third party expert, will require the department to submit a detailed CAP to the Board, A-C and the CIO within 90 days. Further, a CAP progress status report will be required every 90-days thereafter to address corrective actions being taken for each IT security vulnerability identified, and the steps taken to prevent further future problems until each issue is fully corrected.

If you have any questions or need additional information, please contact me, or your staff may contact Jim Jones at (213) 974-8355 or via e-mail at jjones@ceo.lacounty.gov

SAH:JJ:SK
BM:ef

Attachment

c: Executive Office, Board of Supervisors
   Auditor-Controller
   Chief Information Office
   County Counsel
   Internal Services
   Audit Committee

Auditor-Controller
Information Technology and Security Policy Audit Scenarios

November 2015

Position	Cost Per Position[1]	Scenario 1 — Annual Audit Cycle for All Departments (Board Directive)		Scenario 2 — Annual Audits for High Risk Depts / 3 Year Cycle for Med Risk / 5 Year Cycle for Low Risk / Annual Follow-up Reviews for All		Scenario 3 — 2 Year Cycle High Risk / 4 Year Cycle Medium Risk / 5 Year Cycle Low Risk / Annual Follow-ups for All		Scenario 4 — 3 Year Cycle for High Risk / 5 Year Cycle for Med/Low Risk / Annual Follow-ups for High Risk / Biennial Follow-ups Med/Low Risk		Scenario 5 — 5 Year Cycle for All Departments / Biennial Follow-ups All	
		No. of Positions	Annual Cost	No. of Positions	Annual Cost	No. of Positions	Annual Cost	No. of Positions	Annual Cost	No. of Positions	Annual Cost
Chief Accountant-Auditor	$ 211,699	2	$ 423,398	2	$ 423,398	2	$ 423,398	1	$ 211,699	1	$ 211,699
Principal Accountant-Auditor	$ 191,915	6	$ 1,151,487	4	$ 767,658	4	$ 767,658	3	$ 575,744	3	$ 575,744
Senior Accountant-Auditor	$ 137,622	12	$ 1,651,467	8	$ 1,100,978	7	$ 963,356	5	$ 688,111	4	$ 550,489
Intermediate Accountant-Auditor	$ 115,831	28	$ 3,243,260	25	$ 2,895,768	17	$ 1,969,122	14	$ 1,621,630	10	$ 1,158,307
Totals		48	$ 6,469,613	39	$ 5,187,803	30	$ 4,123,535	23	$ 3,097,184	18	$ 2,496,239
Current Audit Resources[2]		(8)	$ 1,218,265	(8)	$ 1,218,265	(8)	$ 1,218,265	(8)	$ 1,218,265	(8)	$ 1,218,265
Additional Resources Needed		40	$ 5,251,348	31	$ 3,969,538	22	$ 2,905,270	15	$ 1,878,919	10	$ 1,277,974
Estimated Intrafund Transfers Needed			$ 2,716,214		$ 2,223,296		$ 1,518,217		$ 996,054		$ 637,701
Estimate Net County Cost Needed			$ 2,535,133		$ 1,746,242		$ 1,387,053		$ 882,866		$ 640,273

[1] Cost is based on fiscal year 2015-16 Salary & Employee Benefits billing rates, multiplied by 1,776 productive work hours; and does not include Services & Supplies costs which would be negligible for Scenarios 4 and 5. Scenarios 1 through 3 would likely require additional office space costs which we are unable to estimate at this time.

[2] Resources are funded as part of the Audit Division's annual budget process, and were redirected from existing resources and audits of other critical County operations. Current resources in the IT audit function include: 1 CAA, 2 PAA's, 2 SAA's and 3 IAA's/AA's.

County of Los Angeles
CHIEF EXECUTIVE OFFICE
Kenneth Hahn Hall of Administration
500 West Temple Street, Room 713, Los Angeles, California 90012
(213) 974-1101
http://ceo.lacounty.gov

SACHI A. HAMAI
Chief Executive Officer

Board of Supervisors
HILDA L. SOLIS
First District

MARK RIDLEY-THOMAS
Second District

SHEILA KUEHL
Third District

DON KNABE
Fourth District

MICHAEL D. ANTONOVICH
Fifth District

June 27, 2016

To: Supervisor Hilda L. Solis, Chair
Supervisor Mark Ridley-Thomas
Supervisor Sheila Kuehl
Supervisor Don Knabe
Supervisor Michael D. Antonovich

From: Sachi A. Hamai
Chief Executive Officer

COUNTY INFORMATION MANAGEMENT STRATEGY

On July 14, 2015, the Los Angeles County Board of Supervisors (Board) unanimously passed a motion directing the Interim Chief Executive Officer (CEO) and the Chief Information Officer (CIO) to conduct an analysis of County information technology (IT) systems to develop a Countywide approach to enable departments to more easily and efficiently provide integrated, comprehensive services and avoid duplicative data entry, client eligibility and intake screenings.   As requested in the Board motion, this report includes:

1. A broad, policy-based discussion of the County's information technology application systems, including anticipated short and long-term policy, budgetary and technological issues.

2. A summary description of the County's small, mid-sized and large IT systems, organized by CEO Agenda and Policy Committee and Department;

3. A detailed description of the County's major IT systems, organized in a similar manner, including the current Online Real-time Centralized Health Information Database (ORCHID) and Integrated Behavioral Health Information System (IBHIS), CWS/CMS, LRS, ELP, the Assessor's Property Management Database, and Sheriff data systems, with details to include, but not limited to system age, legacy/mainframe status, confidentiality requirements, volume of records, vulnerabilities, anticipated replacement dates and costs, if known, and information on each system's ability to share data with other County systems; and

"To Enrich Lives Through Effective And Caring Service"

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4. An analysis of the potential to develop a Countywide approach through software purchases, open source platforms or newly developed systems to create integrated departmental IT applications and client data systems, in order to enable Departments to more easily and efficiently provide integrated, comprehensive services to our clients and avoid duplicative data entry, client eligibility and intake screenings.

County Information Technology Landscape

Departmental Business Automation Plans (BAP) provide a three-year horizon view of their IT direction and projects. The following are key findings based on the analysis of the 1,389 applications from the current BAP information (Attachment A):

- 976 (70%) County applications are custom developed, of which 437 (45%) are over 10 years old. Several Legacy applications supporting departmental mission-critical functions are at risk due to technology obsolescence, lack of support for new business requirements, and are expensive to sustain.

- Over 260 (19%) departmental administrative applications are candidates for replacement by or integration with eCAPS/eHR/eProcurement. It is the County's ERP business objective to rationalize these "shadow" administrative systems (Attachment B). The CIO has referred these applications to the eCAPS/eHR Advisory Committee to review for consolidation/integration.

- The majority of County applications are hosted at department data centers with only 27% hosted centrally at ISD. The CEO is soliciting an Enterprise Data Center co-location and is planning to submit a negotiated contract for Board approval in July 2016. The CIO has established an Enterprise Data Center Steering Committee to plan and govern the services for the Enterprise Data Center.

- Departments are using Software-as-a-Service (SaaS) and vendor-hosted/ managed solutions for complex departmental mission critical systems, e.g. ORCHID, IBHIS, LEADER Replacement System, and online payments. Use of SaaS solutions reduces the time to implement applications, off-sets the need for up-front capital investments, and eliminates the need for in-house resources to maintain the application.

<u>Countywide Approach for Enabling Data Sharing and Service Integration</u>

Based on Board Policy 6.200 – Information Sharing and Management, the Chief Data Officer, in collaboration with the Enterprise Information Management Governance Committee, has established an Information Management Framework to facilitate information sharing and improve coordination and delivery of services. Over the past year, the initial group of participating departments (Children and Family Services, Mental Health and Health Services) have made good progress in implementing the first phase of the Countywide Master Data Management (CWMDM) initiative. By August 2016, these participating departments will be able to resolve patient identities and link common patients across their departmental systems. Concurrently, the CIO is exploring the use of CWMDM with the Office of Child Protection to enable social workers' to electronically access information in support of child abuse/neglect investigations, with the Service Integration Branch to modernize Enterprise Linkages Project, and with the Department of Health Services in support of the Whole Person Care Pilot Initiative.

Detailed discussion of the County's IT applications and Countywide approach for data sharing are documented in the attached *Information Management Strategy Report*.

If you have any questions or require further information, please contact Peter Loo, Acting CIO, at 213-253-5627 or PLoo@cio.lacounty.gov.

SAH:JJ:FAD:PL:lc

Attachments

c: Executive Office, Board of Supervisors
        Internal Services Department

Information Management Strategy

Response to Motion by Supervisors Kuehl and Knabe
Agenda Number 8, July 4, 2015

Prepared by: Office of the CIO, CEO

June 8, 2016

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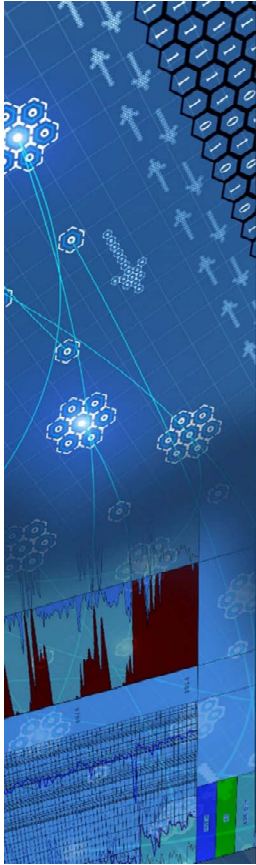
Background

Executive Summary

Current IT Environment

- Overview of Current IT Environment

- Major IT systems review

- Roadblocks to information sharing and service integration

Information Management Strategy

- Transformation Readiness and Success Criteria

- Information Management Strategy and Implementation Roadmap

- Recommended Next Steps

Background

On July 14, 2015 the Board of Supervisors adopted a motion directing the Chief Executive Officer (CEO) and Chief Information Officer (CIO) to conduct an analysis of County information technology (IT) systems include:

- A board policy-based discussion of the County's IT application systems, including anticipated short and long-term policy, budgetary, and technological issues;

- A summary description of the County's small, mid-sized and large IT systems, organized by CEO Agenda and Policy Committee and Department (Attachment A);

- A detailed description of the County's major IT systems, organized in a similar manner, including the current Online Real-time Centralized Health Information Database (ORCHID), Integrated Behavioral Health Information System (IBHIS), CWS/CMS, LRS, ELP, the Assessor's Property Management Database and Sheriff data systems; and

- An analysis of the potential to develop a Countywide approach, through software purchases, open source platforms or newly developed systems, to create integrated Departmental IT applications and client data systems, in order to enable Departments to more easily and efficiently provide integrated, comprehensive services to our clients and to avoid duplicative data entry and client eligibility and intake screenings.

Executive Summary

Key Findings

- 70% County applications are custom developed, of which 437 custom applications over 10 years old. Legacy applications, many of which are supporting department mission-critical functions are at risk due to technology obsolescence, lack of support for new business requirements, and are expensive to sustain.

- Over 260 department administrative applications are candidates for replacement by or integration with eCAPS/eHR/eProcurement. It is the County's ERP business objective to rationalize these "shadow" administrative systems.

- Majority of County applications are hosted at department data centers with only 27% hosted centrally at ISD. Significant economic benefits can be gained by consolidating computing capabilities in an Enterprise Data Center.

- Departments are using Software-as-a-Service (SaaS) and vendor hosted/managed solutions for complex department mission critical systems, e.g. ORCHID, IBHIS, LEADER Replacement System, and Online payments. Use of SaaS solutions reduces the time to implement applications, off-sets the need for up-front capital investments, and eliminates the need for in-house resources to maintain the application.

Next Steps

1. Implement a multi-prong strategy to:
   - Actively assess department readiness and enable replacement of legacy systems;
   - CEO included an additional $40M in the FY 16-17 Recommended Budget to the Legacy Application PFU to subsidize legacy replacement projects;
   - Provide access to pre-qualified technical expertise and services using multi-vendor master services agreement.

2. Conduct the analysis and identify department administrative systems for replacement by or integration with eCAPS/eHR/eProcurement.

3. Continue with the countywide data center consolidation initiative starting with the lease acquisition of an Enterprise Data Center facility and establishment of an Enterprise Data Center Steering Committee.

Executive Summary

Case for information sharing and data exchange

- Increasing demand and requirements for service integration and coordination of service delivery, e.g. unified electronic health record, service linkages and outreach, and jail diversion.

- Sharing and exchanging information in support of department, Board priorities and impacts of legislature on County services, e.g. mental health and substance use treatment services from Proposition 47, and public safety realignment (AB 109)

- Efficient and secured use of common client information and client records, e.g. multidisciplinary team protocol for suspected child abuse and neglect, and centralized eligibility determination for social and child welfare services.

- Lack of a consistent common language for describing business information and the semantics around it, resulting in conflicting definitions of the same data and reduced ability to derive accurate information to support policy and business decisions.

Strategy for Information Sharing

CWMDM
Countywide Master Data Management
- **Who**: Resolve and link identities across county systems
- **What**: Types of information and records available
- **Where**: Locate authoritative sources of client records

CWPIX
Countywide Proactive Information eXchange
- **How**: Information "highway" to enable secure exchange of data
- **Coordinate**: Facilitate the referrals and collaboration among service providers
- **Protect**: Ensure compliance with confidentiality and privacy

DaaS
Data as a Service
- **Access**: Standard web services and interfaces for data integration and access
- **Insight**: Business intelligence capabilities

- Establish Countywide Master Data Management (CWMDM).

- Initiate implementation of a Countywide Proactive Information eXchange (CWPIX).

- Develop requirements and roadmap for operational data stores and shared analytics platform for Data-as-a-Service (DaaS).

- Establish an Enterprise Information Management Committee to:
  - Define and oversee the implementation of common data definitions and taxonomy; and
  - Oversee implementation of common technologies to facilitate information sharing and data exchange.

Current IT Applications Landscape

Application Hosting Profile
1,389 Applications Countywide

75 applications (5.4%) Vendor hosted

381 applications (27.4%) hosted at 2 ISD locations

933 applications (67.2%) hosted at 47 department locations

46 applications	Children & Family
89 applications	Community & Municipal Services
386 applications	Health & Mental Health
174 applications	Operations
238 applications	Public Safety

- Majority of County applications are hosted at department data centers with only 27% hosted centrally at ISD.

- 75 applications, including the County's largest and most complex are vendor hosted and managed, e.g. ORCHID, JHIS, PEMRS, IBHIS, and LEADER Replacement System.

- CIO, CEO and ISD are implementing a strategy to consolidate most of the 47 department data centers into an Enterprise Data Center.

Majority of applications are custom developed and are over 10 years old

Application Profile
1,389 Applications Countywide

Software-as-a-Service
39 applications (2.8%)

Commercially-off-the-shelf
374 applications
(26.9%)

Custom Developed
976 applications
(70.3%)

175 applications	Children & Family
110 applications	Community & Municipal Services
281 applications	Health & Mental Health
242 applications	Operations
168 applications	Public Safety

Custom Applications

Department	Less than 10 yrs	Greater than 10 yrs
Children & Family	114 Apps	61 Apps
Community & Municipal Services	65 Apps	45 Apps
Health & Mental Health	183 Apps	98 Apps
Operations	102 Apps	140 Apps
Public Safety	75 Apps	93 Apps

■ Less than 10 yrs   ■ Greater than 10 yrs

- 976 (70%) County applications are custom developed.

- 437 (44.7%) custom applications are over 10 years old, majority of them are administrative systems in the Operations service cluster.

- In response to a motion by Supervisor Ridley-Thomas, a Legacy Application Risk Assessment was completed that included a prioritization of the 25 highest risk legacy applications (Attachment B).

- CEO has established a Legacy Application PFU to fund legacy application modernization/replacement and infrastructure upgrade.

- CIO will work with departments to identify legacy application modernization projects as part of the Business Automation Planning process.
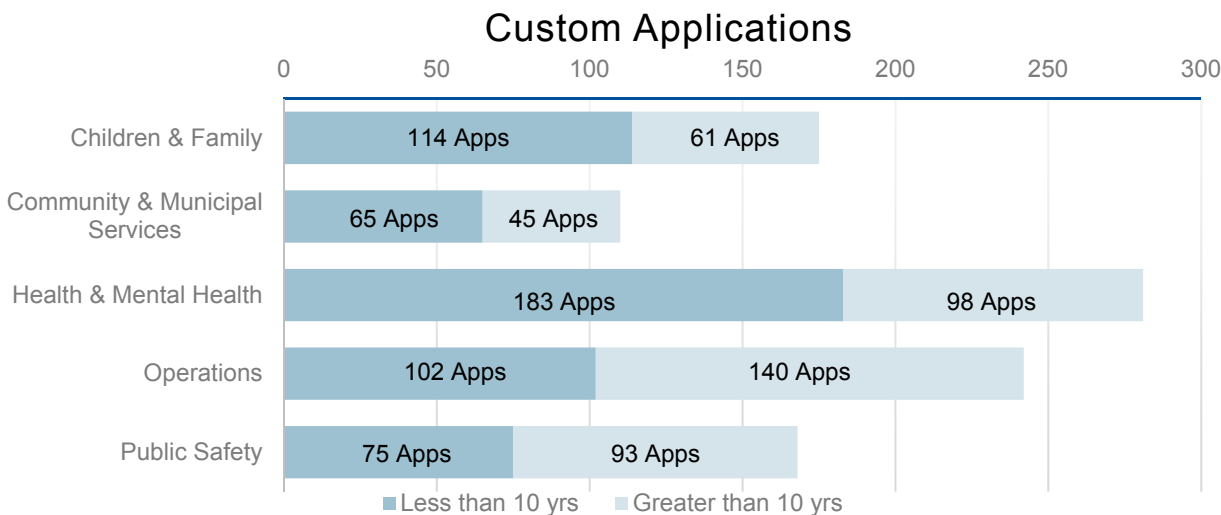
Consolidation of department administrative systems

Custom Application Profile
1,389 Applications Countywide

142 Technology management applications

107 Office productivity applications

54 Data warehouse/reporting applications

121 Not specified

697 Department-specific applications

268 Administrative applications

33 Procurement applications

94 Accounting/Budget applications

141 Human Resource management applications
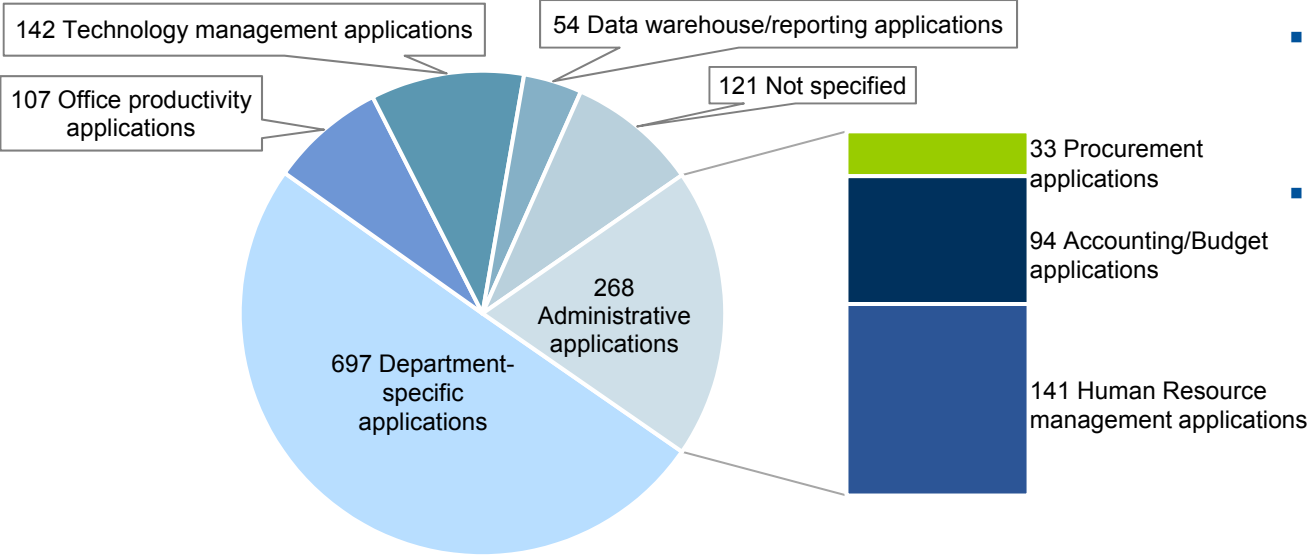
- Majority of County applications are department-specific, supporting lines of business.

- 268 administrative applications should be evaluated as candidates for replacement or integration with eCAPS/eHR. These applications will be referred to the eCAPS Advisory Committee for consideration to consolidate.

Information Sharing and Service Integration Challenges

1. Technology limitations of legacy applications

2. Cost and resources to modernize/replace legacy systems

3. Traditional systems are program focused with point-to-point interfaces

4. Lack of common definition of common data types

5. Business intelligence and analytics across systems are labor intensive, costly and time consuming
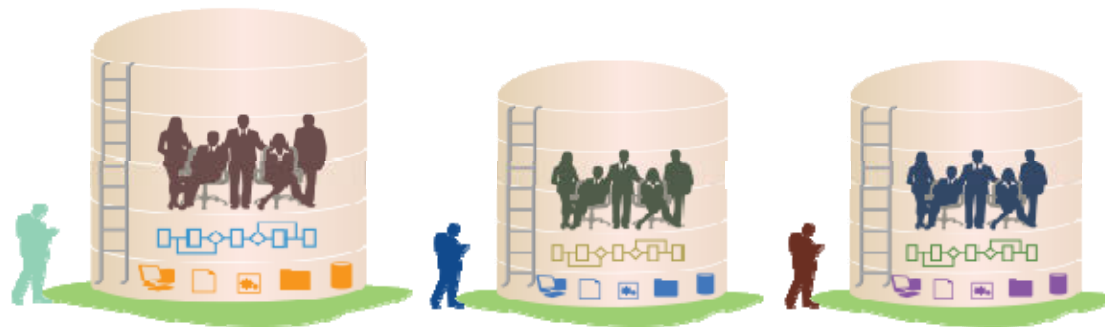
Vision - A New Model of Coordinated Service Delivery
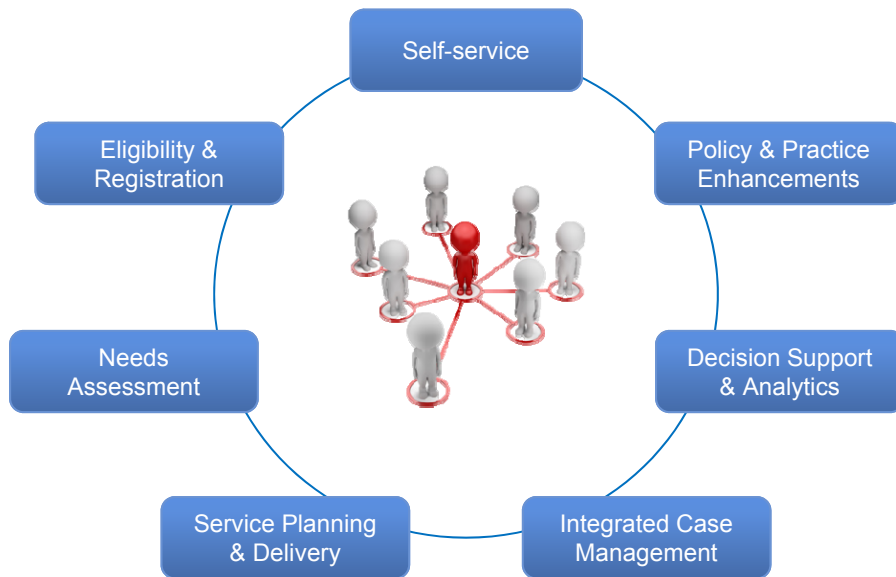
Person-centric Coordination of Services

Requires an Information Management Strategy that:

➢ Identifies common clients across disparate service delivery systems

➢ Facilitates the secured sharing and timely delivery of relevant care/service information to the service provider

➢ Leverages current transactional applications and mitigates the need to replace all legacy applications at one time

➢ Cuts across county, partner, and community providers, services and support systems

➢ Improves data quality

➢ Ensures compliance with applicable confidentiality and privacy regulations

➢ Enhances user and consumer experience

➢ Establishes data standards and business intelligence capabilities

➢ Enables performance and prescriptive analytics

Countywide Information Management Platform

CWMDM
Countywide Master Data Management

- **Who**: Resolve and link identities across county systems
- **What**: Types of information and records available
- **Where**: Locate authoritative sources of client records

- ➤ Master Person Index
- ➤ Master Provider Index

CWPIX
Countywide Proactive Information eXchange

- **How**: Information "highway" to enable secure exchange of data
- **Coordinate**: Rules-based capabilities to facilitate the referrals and collaboration among service providers
- **Protect**: Ensure compliance with confidentiality and privacy

- ➤ Electronic Messaging
- ➤ Alerts and Notifications
- ➤ Consent Management
- ➤ Referral Services

DaaS
Data as a Service

- **Access**: Standard web services and interfaces for data integration and access
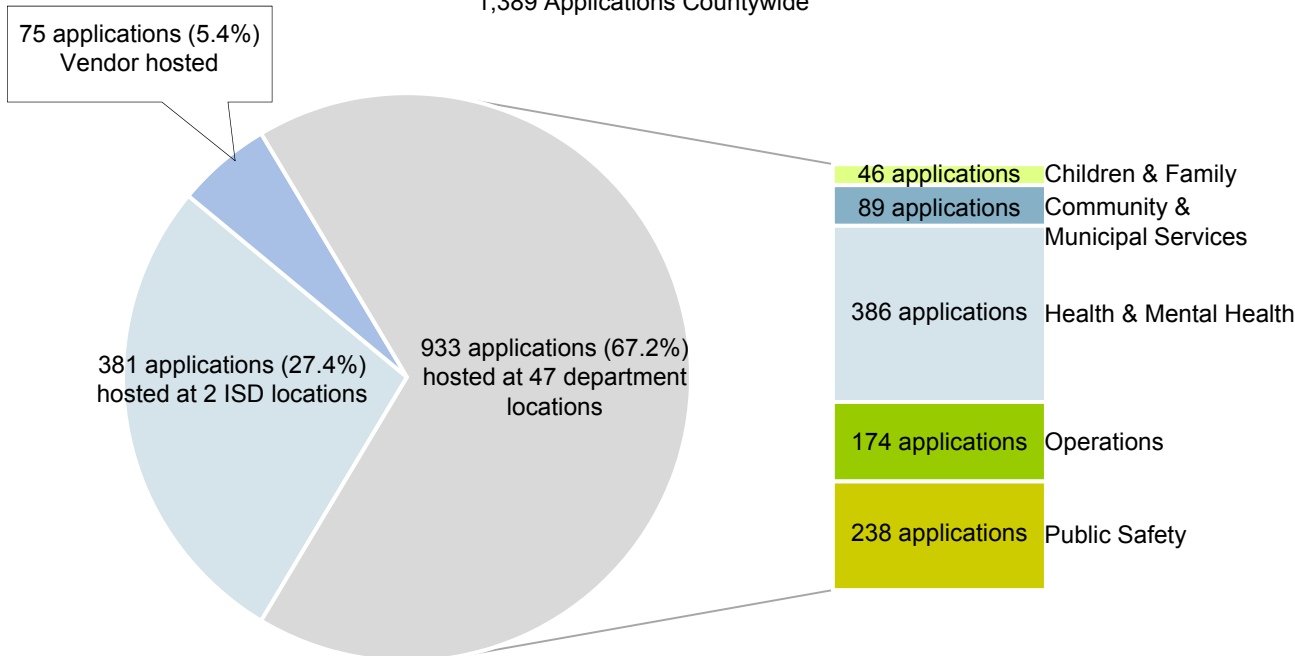- **Insight**: Business intelligence and prescriptive analytics capabilities using underlying data stores and content management capabilities

- ➤ Web Services
- ➤ Operational data stores
- ➤ Business intelligence and Prescriptive Analytics

Health and Mental Health Services

JHIS

ORCHID

CERNER RESONANCE

PEMRS

CERNER Clinical Exchange Platform

IBHIS

MLK

CERNER Clinical Exchange Platform

LANES

Community partners

Participating hospitals

Participating health plans
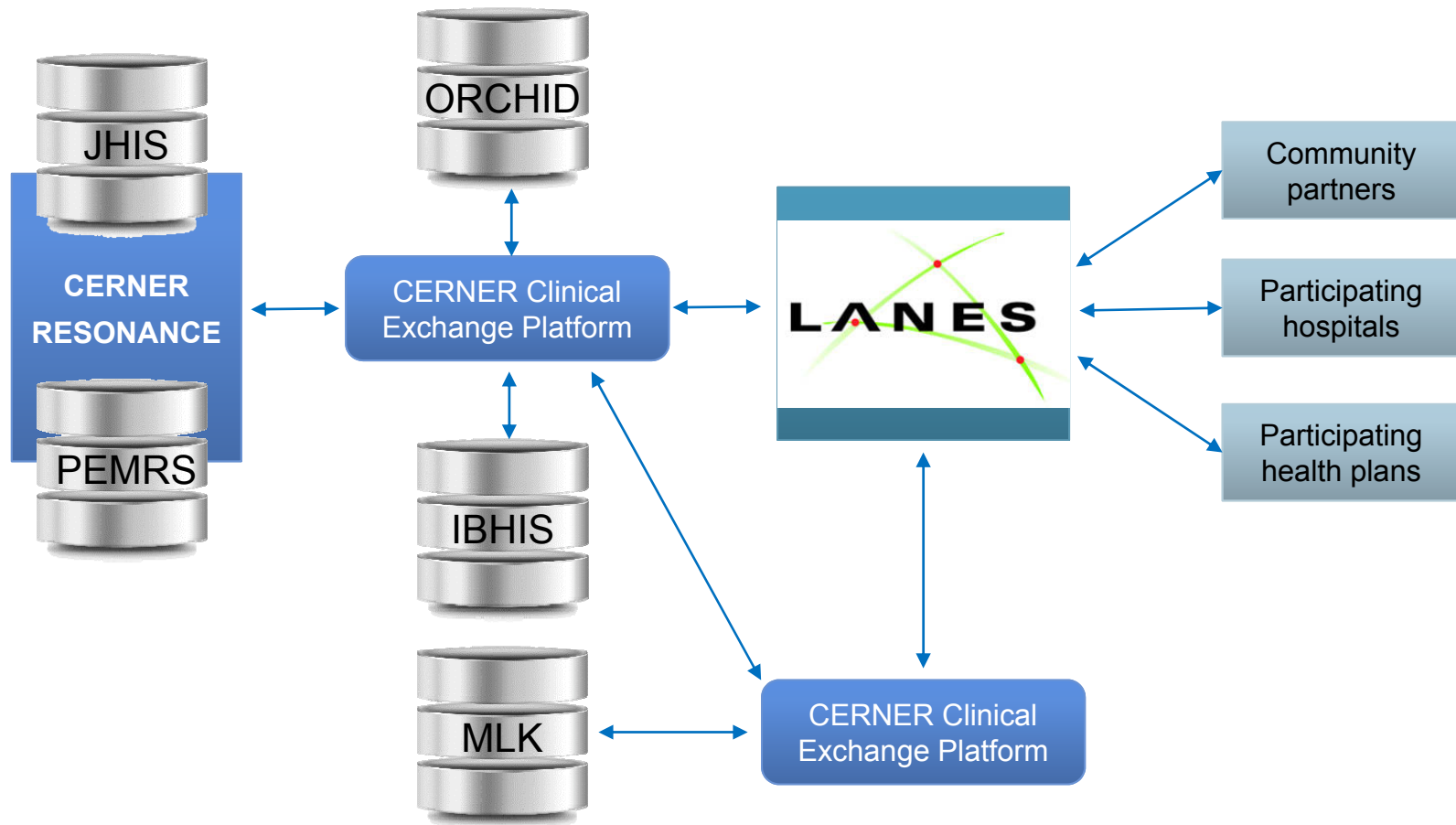
DHS Board Memo, Integration of the eConsult and the Los Angeles Network for Enhanced Services (LANES) System, April 18, 2016

Consolidated View of Patient Health Information

- Ability to incorporate LANES patient information directly into participant EHR in ORCHID
- Alternatively, use LANES Web Portal to query consolidated view of patient health information

How do the LAC-USC Doctors view health info from LANES?

Within ORCHID in JS's medical record, with LANES info presented within the LANES HIE tab:

- Abdominal X-ray result from California Hospital

- Medication list for medications filled at CVS from LA Care

- Primary care visit note from MLK Community Hospital
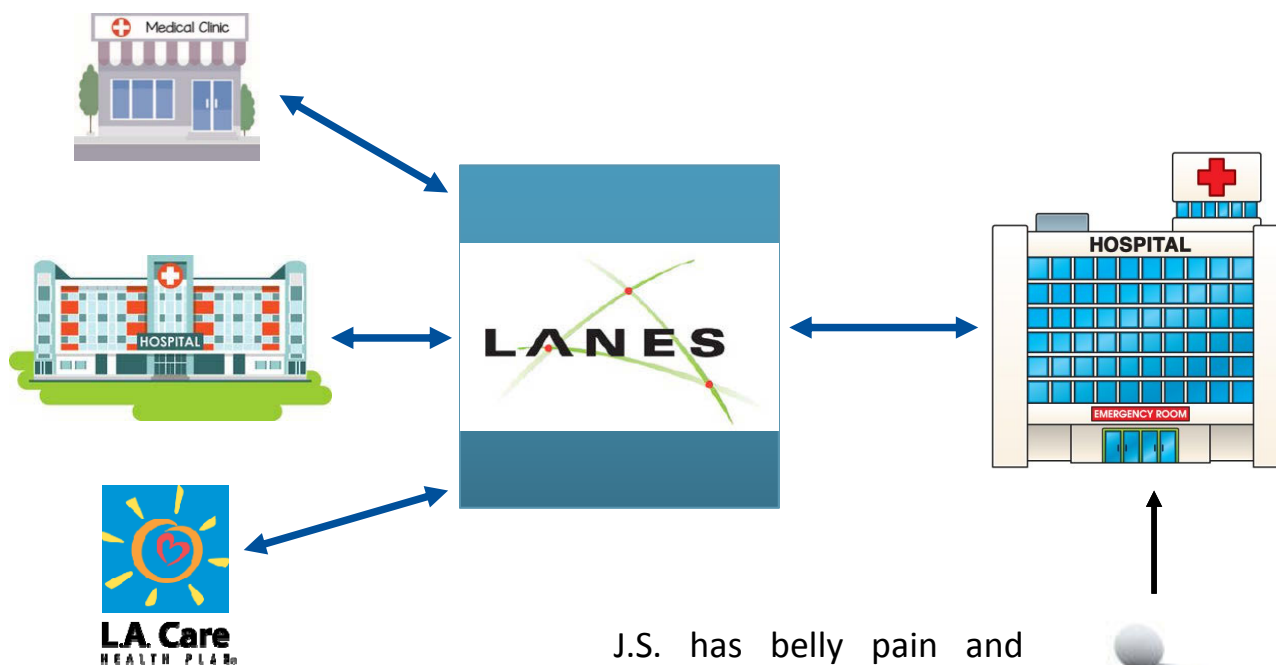
J.S. has belly pain and feels dizzy. He goes to the LAC-USC ER. He was seen at California Hospital and MLK Community Hospital in the prior 2 months.

Information Management Vision
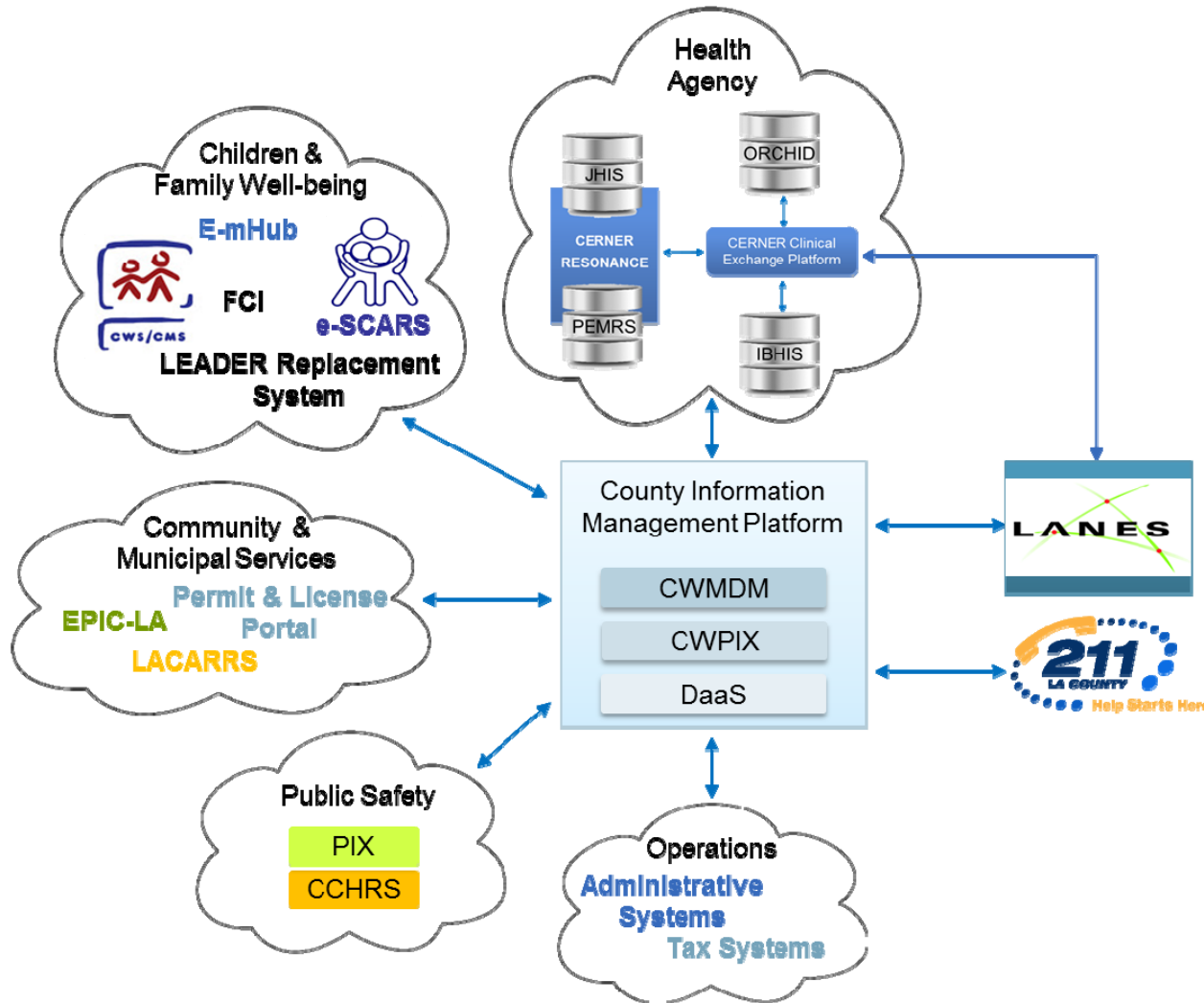
- An Information Management Platform comprised of integrated technology components that:
  - Establish common clients;
  - Present common view of a client;
  - Enable secured data sharing and exchange; and
  - Ensure confidentiality and privacy.

- Business intelligence and prescriptive analytics for:
  - Target population identification, development of prevention/ intervention strategies, tactics, and "evidence-based practices";
  - Continuity and congruency of services; and
  - Quality assurance and compliance.

Recommendations

1. SIMPLIFY

- Actively assess department readiness and enable replacement of legacy systems;

- CEO included an additional $40M in the FY 16-17 Recommended Budget to the Legacy Application PFU to subsidize legacy replacement projects;

- Provide access to pre-qualified technical expertise and services using multi-vendor master services agreement;

- Conduct the analysis and identify department administrative systems for replacement by or integration with eCAPS/eHR/eProcurement; and

- Continue with the countywide data center consolidation initiative and establishment of an Enterprise Data Center Steering Committee to facilitate the consolidation of the County's 49 data centers.

2. SHARE DATA

- Expand the use of CWMDM to support Board priorities, including Child Protection and Homelessness.

- Continue building the Information Management Platform comprised of:
  - A rules-based Countywide Proactive Information eXchange; and
  - Operational data stores and shared analytics Data-as-a-Service platform;

- Establish an Enterprise Information Management Committee to:
  - Define and govern the implementation of common data definitions and taxonomy;
  - Oversee implementation of Information Management Platform; and
  - Facilitate the on-boarding of appropriate department systems to utilize the Information Management Platform.

Attachment A - Inventory of County Applications by Department

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Agriculture Commissioner/ Weights and Measures	Accounts Receivable	Accounts receivable	In-house development	< 100	Department	1993 2003	< $50,000		Medium	Accounting/Finance
Agriculture Commissioner/ Weights and Measures	Agricultural Pest Control Advisors	Fees paid for registration by individual Pest Control Advisors	In-house development	< 100	Department	2002	< $50,000		Medium	Accounting/Finance
Agriculture Commissioner/ Weights and Measures	Agricultural Pest Control Operators	Fees paid for registration of individual pest control applicators.	In-house development	< 100	Department	2002	< $50,000		Medium	Accounting/Finance
Agriculture Commissioner/ Weights and Measures	Cash Ledger	Cash payments for Departmental receipts	In-house development	< 100	Department	1993 2002	< $50,000		High	Department Mission/Service Delivery
Agriculture Commissioner/ Weights and Measures	Device Registration Database	Yearly registration and inspection fees assessed to retail establishments using scales or meters devices.	In-house development	< 100	Department	1993 2014	< $50,000		High	Department Mission/Service Delivery
Agriculture Commissioner/ Weights and Measures	Direct Charge	Charges billed directly to a city/organization for Weed Abatement Services	In-house development	< 100	Department	1992 2008	< $50,000		High	Department Mission/Service Delivery
Agriculture Commissioner/ Weights and Measures	DRBooks	Departmental Receipts	In-house development	< 100	Department	1992 2014	< $50,000		High	Accounting/Finance
Agriculture Commissioner/ Weights and Measures	Horizon Laboratory Informations Management System	LIMS is used by Toxicology laboratory to track samples, test samples, collect testing results and invoice for testing of samples.	COTS highly customized	< 100	ISD/Downey	2009 2014	$50,000 - $100,000		High	Accounting/Finance
Agriculture Commissioner/ Weights and Measures	Invoices	Invoicing for services rendered	In-house development	< 100	Department	1992	< $50,000		High	Accounting/Finance
Agriculture Commissioner/ Weights and Measures	Job Reports	Entry of Job Reports for processing charges to be assessed to a private entity(tax Bill)	In-house development	< 100	Department	2000 2008	< $50,000		High	Department Mission/Service Delivery
Agriculture Commissioner/ Weights and Measures	Labor Hours Database	Salary and Work hours calculations and Summaries	In-house development	< 100	Department	2004 2013	< $50,000		High	Accounting/Finance
Agriculture Commissioner/ Weights and Measures	Lockbox	Processing of payments received through Lock Box locations	In-house development	< 100	Department	1994 2002	< $50,000		High	Accounting/Finance
Agriculture Commissioner/ Weights and Measures	PEPQ Nursery (SG)	Nursery Inspections billed to the State	In-house development	< 100	Department	2003	< $50,000		High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Agriculture Commissioner/ Weights and Measures	PEPQ Violations (SG)	Violations written against retail/wholesale establishments. Fines may be assessed	In-house development	< 100	Department	1995 2014	< $50,000		High	Department Mission/Service Delivery
Agriculture Commissioner/ Weights and Measures	Pest Management Contracts & Billing	Used by Pest Management Division to print and maintain contracts, workorders, inventory and invoicing.	In-house development	< 100	Department	2011 2012	< $50,000		Medium	Accounting/Finance
Agriculture Commissioner/ Weights and Measures	SCANNERS	Yearly inspection fees assessed to retail establishments with scanner equipment	In-house development	< 100	Department	2003 2014	< $50,000		High	Department Mission/Service Delivery
Agriculture Commissioner/ Weights and Measures	ST Pest Control Registration	Fee paid for pest control registration	In-house development	< 100	Department	2002 2012	< $50,000		High	Department Mission/Service Delivery
Agriculture Commissioner/ Weights and Measures	Structural Penalty	Penalties assessed to Pest Control services	In-house development	< 100	Department	2002	< $50,000		High	Department Mission/Service Delivery
Alternate Public Defender	APD CASE360 Document Storage and Retrieval	Application assists support staff in the preparation of closed files for scanning, tracks the staus of closed files in the scanning process, and allows all staff to retrieve the scanned files. Application also allows attorney staff to create and organize electronic data associated with an ongoing case as part of their preparation for litigation.	Vendor custom development	100 - 500	ISD/Downey	2010 2013	< $50,000	100,000 to 1 million transactions	High	Office and Productivity Services/Management
Alternate Public Defender	Case Management System	Provides all case tracking, calendaring, and statistical data for the Department.	Vendor custom development	100 - 500	Department	1998 2004	< $50,000	100,000 to 1 million transactions	High	Office and Productivity Services/Management
Alternate Public Defender	Filemaker Pro Databases	A combination of several Filemaker Pro Databases used to fill temporary or unique departmental needs.	In-house development	100 - 500	Department	1994 2007	< $50,000	100,000 to 1 million transactions	High	Office and Productivity Services/Management
Animal Care and Control	Chameleon	Animal Shelter Management System	Vendor custom development	100 - 500	ISD/Downey	1997 2012	< $50,000	> 1 million transactions	High	Department Mission/Service Delivery
Assessor	AABS Tracking System	Downloads data from AABS Board System for distribution to regional offices. Provide workflow and statistical reports.	In-house development		Department	1989	< $50,000	100,000 to 1 million transactions	Medium	Technology Services/Management
Assessor	Access Billing Database	Produces reports of expenditures associated with activities that take place in the IT Division. The reports are used to monitor monthly activities and budget projections.	In-house development	< 100	Department	2005 2012	< $50,000	> 1 million transactions	Medium	Department Mission/Service Delivery
Assessor	Address Correction	Changes non-conforming addresses on the Property Database to conform to Post Office standard addresses Runs twice a year.	COTS highly customized	< 100	ISD/Downey	1985	> $1,000,000	<100,000 transactions	High	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Assessor	All Cities Permits Processing/Reporting	Processes building permit data received from various cities and the Department of Public Works (DPW) on diskettes to prepare data for AS/400 processing. This is the data-entry portion of the Permit process that is enter via Secured Data Entry (Property Data Record).	In-house development		Department	1990	< $50,000	100,000 to 1 million transactions	Medium	Department Mission/Service Delivery
Assessor	Annual Roll	A web application that automates the assessment Roll Report for executive staff, which is generated every fiscal year. The information is provided to the public.	In-house development	< 100	Department	2008 2012	> $1,000,000	> 1 million transactions	High	Department Mission/Service Delivery
Assessor	ASSESSOR DATA WAREHOUSE	Continue to revise the Data Warehouse concept to provide better working tools.	Vendor custom development	< 100	ISD/Downey	2001 2012	> $1,000,000	> 1 million transactions	High	Accounting/Finance
Assessor	Assessor Map Book Tracking Inventory System	System maintains an inventory of all Assessor Map Books and tracks the location when checked out of the file room.	In-house development	100 - 500	Department	2005	$100,000 - $350,000	100,000 to 1 million transactions	Medium	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Assessor	Audit System	The Audit yearly processing includes CMA -Cooperative Mandatory Audits, Audit Register Run, Mandatory Audit Register and Non Mandatory Audit Register. These processes allows appraisers to conduct audit work assignment with the database.	Vendor custom development	< 100	Department	2012	$700,000 - $1,000,000	> 1 million transactions	High	Department Mission/Service Delivery
Assessor	Barcode File Tracking System	An Intranet Application that will quickly and efficiently locate parcel files or any bar-coded item and maintain records of item movement between different locations.	In-house development	100 - 500	Department	2008	> $1,000,000	<100,000 transactions	High	Department Mission/Service Delivery
Assessor	Building Plans Acquisition System	Content and document management system to enable appraiser staff to search, store and access building plan images	COTS	100 - 500	Department	2011	> $1,000,000	> 1 million transactions	High	Department Mission/Service Delivery
Assessor	Business Personal Property Assessment System	Business PP Assessment System consisting of inquiry and data-entry through billing. The Business PP Assessment System interfaces with the Auditor-Controller and Treasurer-Tax Collector systems.	Vendor custom development	100 - 500	Department	2003	> $1,000,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Assessor	Church And Welfare Reports	Generates annual report of all parcels with Church and Welfare Exemptions.	In-house development	< 100	ISD/Downey	1969 2009	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Assessor	Community Redevelopment Agency	Yearly process to upload SV11, SV 41 and SBF files on the AS/400 (first to hold area then to production after count and values hasve been validated). Data is extracted and uploaded to the CRA system on AS400.	In-house development	< 100	Department	2002 2006	< $50,000	<100,000 transactions	Low	Accounting/Finance
Assessor	Cooperative Mandatory Audit	Provides Data Entry and processing of Mandatory Audit information. The information is provided by the thirty counties that participate in the Cooperative Mandatory Audit System.	In-house development	100 - 500	Department	1994 2009	< $50,000	100,000 to 1 million transactions	Medium	Department Mission/Service Delivery
Assessor	COST TABLES	The Assessment Standards Section of the Major Properties Subdepartment has the responsibility via an Appraiser Specialist that receives yearly updated Cost Factor information from BOE, updates, and prints the Assessor Cost Factor Tables for the Appraiser Handbook.	In-house development	< 100	Department	1994	< $50,000		High	Department Mission/Service Delivery
Assessor	Cross Reference Systems	This system consists of the following sub-systems: Cross-Reference Update, Cross-Reference Housecleaning and Cross-Reference Trending.	Vendor custom development	< 100	ISD/Downey	1969 2009	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Assessor	Cross Reference Update Menu-Major Exemptions	Provides Major Exemptions users access to their specific data entry application and data batches for processing to update the Cross Reference System.	In-house development	100 - 500	Department	1995	< $50,000		Medium	
Assessor	Cross Reference Update Menu-Personal Property	Provides Personal Property users access to specific data entry application and data batches for processing to update the Cross Reference System.	In-house development	100 - 500	ISD/Downey	1995	< $50,000	<100,000 transactions	Low	Department Mission/Service Delivery
Assessor	Cross Reference Update Menu-Valuation	Provides valuations user access to their specific data entry application and data batches for processing to update the Cross Reference System.	In-house development	100 - 500	Department	1995			Medium	
Assessor	Decline-in-Value System (PTS Phase II)	The system allows staff to process temporary reductions in assessed value for properties undergoing proactive reviews as well as properties for which applications have been received (Decline-In-Value - Prop 8). It also allows appraisers to evaluate properties for possible value restoration. This system provides an automated solution that emulates appraisals on the fly in order to help speed up the re-valuations.	In-house development	100 - 500	Department	2010	< $50,000	<100,000 transactions	High	Technology Services/Management
Assessor	EMC 571 - L (Captiva)	EMC 571 Component that handles the Capturing and Imaging of the Scanned Documents	COTS	100 - 500	ISD/Downey	2011	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Assessor	EMC 571 - L (Documentum)	EMC 571 - L Component that handles the middle tier related workflows related with Scanning of the Documents	In-house development	100 - 500	ISD/Downey	2011	< $50,000		High	Department Mission/Service Delivery
Assessor	File Activity Report Management System (FARMS)	File Activity Report Management System (FARMS) provides customers with a tool to track FARs(exception reports created by the PDB Update System), enabling them to work them expeditiously. Database was recently moved to VM.	In-house development	100 - 500	Department	2005 2009	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Assessor	Historical Sales File Update	Maintains history of sales data for Single Family Residences (SFR) that includes data as of sale date. Used by Recost System.	In-house development	< 100	ISD/Downey	1978	< $50,000		High	
Assessor	Homeowner Audit	Checks for duplicate exemptions by comparing name and social security number for both claimant and spouse produces homeowner exemption and disabled veteran exemption files for the Board of Equalization.	In-house development	< 100	ISD/Downey	1973	< $50,000		High	

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Assessor	Homeowner Exemption	Sends homeowner exemption claim forms to individuals purchasing Property. A statistical report and listing with the names of the individuals who will receive either the claim or notice are also generated.	In-house development	< 100	ISD/Downey	1972	< $50,000	<100,000 transactions	High	Technology Services/Management
Assessor	Investigation Tracking, Proposition Tracking.	Tracks taxpayer use of Proposition 58 (Parent/Child) Transfers. Investigations for Prop. 58, 60 and 90 and other propositions, as well as investigations from ownership, auditor, etc.	In-house development	100 - 500	Department	1987 2009	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Assessor	L.A. County Property Tax Portal	Internet web portal containing property tax information for Assessor, Tax Collector, Auditor-Controller and Board of Supervisors' Assessment Appeals Board.	In-house development	> 500	ISD/Downey	2005	< $50,000		High	
Assessor	Laser Vault	Computer, Output report archiving, indexing, retrieval and distribution system.	In-house development	< 100	Department	2004	< $50,000		High	Office and Productivity Services/Management
Assessor	Leasing	eFiling application that allows Leasing information to be filed via the internet.	In-house development	100 - 500	ISD/Downey	2005	< $50,000		Medium	
Assessor	Legal Entity Ownership Program Tracking System	App is used to report and track potential changes in Owership or changes in control of a legal entity that may result in reappraisal	In-house development	100 - 500	Department	2008	$350,000 - $700,000		High	Department Mission/Service Delivery
Assessor	Major Exemptions Claim Tracking System	Automate the processing of the exemptions claims. Pre-print Exemption claims and Track them. Application used by Major Exemptions Division.	In-house development	< 100	Department	2007			High	
Assessor	Manufactured Homes Database System	Database system for Assessor staff to appraise, track and report information pertinent to manufactured homes in L A County.	In-house development	< 100	Department	2007	$50,000 - $100,000		High	Technology Services/Management
Assessor	Mapping Suites	This 3rd party Vendor Product is used to create the departmental forms that are needed to meet established Business needs of the Assessor's office. Software is installed on the 720 System (AS/400) and on a Windows Server. Images of the forms are stored in a compressed format on the AS/400 IFS. Software contains several components (MapDraw, MapOut, MapWeb, MapReport). Upon User request printed images are also stored in a Mailing Notice Repository using the MapWeb component of Mapping Suites.	Vendor custom development	100 - 500	Department	2009 2011	< $50,000	100,000 to 1 million transactions	Low	Department Mission/Service Delivery
Assessor	Miscellaneous Preprints	Produces documents/reports used in the valuation of Natural Resources and Major Exemption claim forms/reports used in exemption processing. The documents, forms, and reports contain values and exemption amounts for the current roll year.	In-house development	< 100	ISD/Downey	1978 2009	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Assessor	New Construction Statement (NCS) Tracking	Through the Secured Data Entry system, the customer is given access to log and track NCS forms.	Vendor custom development	100 - 500	Department	1995 2009	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Assessor	Notice Hold	Provides taxpayers with a Notice of Assessed Value Change for changes to the values in the Property Database. It also provides taxpayers with a Notice of Proposed Escape Assessment for increases in previously billed roll values.	In-house development	< 100	ISD/Downey	1988 2009	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Assessor	Operations Menu	Provides Computer Systems Operators access to all applications for supporting and submitting production Job Processing and Systems Back Ups on the IBM iSeries Power7, 720 System.	In-house development	100 - 500	Department	1994	< $50,000		High	Department Mission/Service Delivery
Assessor	Paperless Transfer System	System is a .Net application that automates the appraisal process for new property transfers.	In-house development	100 - 500	Department	2005 2006	$50,000 - $100,000	<100,000 transactions	High	
Assessor	Parcel Change Detail List	A Web Application that creates and processes Parcel Change Jobs. Automate the processing between mapping services and ownership.	In-house development	100 - 500	Department	2007	< $50,000		Medium	Technology Services/Management
Assessor	Parcel Change Update	Changes parcel numbers on the Property Database (PDB) as a result of changes in physical boundaries of a parcel or change in ownership from fee to public or vice versa.	Vendor custom development	< 100	ISD/Downey	1997	< $50,000		Medium	Department Mission/Service Delivery
Assessor	Payroll System	Tracks personnel's compensation, benefit time, etc.	In-house development	100 - 500	Department	2008	< $50,000	<100,000 transactions	High	
Assessor	PCOR Scanning	An application used by Ownership Services to scan and capture deed documents.	In-house development	< 100	Department	1999 2009	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Assessor	Permit Management System (PERMS)	A database management system for the new construction permits received from the cities within Los Angeles County and from the County Department of Public Works. This application receives permit information from the mainframe Permit System, provides a means to manage permits, and provides a means for authorized staff to close-out permits with No-Added-Value (e-NAV).	In-house development	100 - 500	Department	2006 2009	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Assessor	Personnel Automated System	Tracks personnel's Promotion, Hiring Date, etc.	In-house development	< 100	Department	1989	< $50,000	> 1 million transactions	High	Department Mission/Service Delivery
Assessor	Production Output Distribution	Computer Output Reports Tracking and Distribution System	In-house development	< 100	Department	1994 2009	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Assessor	Property Assessment Information System	The application uses Geographical Information System (GIS) technology to provide taxpayers detail information of their assessments. The application displays maps to aide taxpayers localize their properties and get property information such as land and improvement values, legal description, parcel change activity, recent sales activity, address, exemptions, building descriptions, etc.	In-house development	> 500	ISD/Downey	2003	< $50,000		Medium	Department Mission/Service Delivery
Assessor	Property Database Mid-Year Housecleaning	Clears the exemption amount, claim type, and associated data from the Property Database for exemptions that the taxpayers must apply for each year.	In-house development	100 - 500	ISD/Downey	1988 2009	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Assessor	Property Database On-Line	Provides inquiry and update (Name, Address, and Tax Rate Area) capabilities for information maintained in the Property Database (PDB).	In-house development	> 500	ISD/Downey	1988	< $50,000		Medium	Technology Services/Management
Assessor	Property Database Retrend	Recalculates the land value, improvement value, and real estate exemption amounts for trendable parcels on the roll being prepared when the change in the California Consumer Price Index is less than 2 percent.	In-house development	100 - 500	ISD/Downey	1995	< $50,000		High	
Assessor	Property Database Systems	Provides the means to update and maintain assessment and ownership data for all of the land-based property on the Secured Local Roll.	In-house development	> 500	ISD/Downey	1987 2008	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Assessor	Property Database Year-End	Includes processes that prepare the Property Database for the new process year. The new Roll Being Prepared is created for each parcel using the data from the previous year. Next, the housecleaning clears certain Exemption keys and amounts if there is a Transferee on file. The trending process trends values using the maximum CCPI Trend Factor of 2%.	In-house development	> 500	ISD/Downey	1988 2009	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Assessor	Public Owned Parcels	Reports specific information on all public agency owned Parcels (all 300, 800, and 900-series numbered Parcels) located in the State of California. Provides information on weekly updates to taxable parcels.	In-house development	< 100	ISD/Downey	1983	< $50,000	<100,000 transactions	High	Human Resource Services/Management
Assessor	Real Estate Building Permits	Processes new construction permit data from cities and LA County Dept. of Public Works on the mainframe. The mainframe applications of the permit system are comprised of Cobol and SAS programs.	In-house development	100 - 500	ISD/Downey	1972 2006	< $50,000		High	Department Mission/Service Delivery
Assessor	Recost System	Calculates Replacement Cost New for single-family residence Transfers utilizing the Cost Factor Table received from BOE. This information is needed for the cost approach used in the Appraisal Data System (ADS). Validates and recosts Building Data Line for reappraisable Single Family Residence (SFR) Transfers. The SFR data comes from the Transfer System. Cost Factor Table is loaded from an external file while Quality-Class-Shape Tables and Use-Code-Category Tables are included in the recost programs.	In-house development	< 100	ISD/Downey	1978 2012	< $50,000	<100,000 transactions	Low	Department Mission/Service Delivery
Assessor	Reformat	Infomation from the Secured Data Entry Job is reformatted and output files and balancing reports are generated.	Vendor custom development	100 - 500	Department	1998	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
Assessor	Sales Analysis	Produces a quarterly listing of all properties from the Secured Basic File which have transferred within the last two years. Provides comparable sales for Assessment Appeals applicants.	In-house development	100 - 500	ISD/Downey	1978 2000	< $50,000	100,000 to 1 million transactions	Low	Technology Services/Management
Assessor	SAS Programming	These are SAS program that reside on the mainframe. These programs are part of major systems such as ADS/13, New Construction, Cost tables, etc	In-house development	< 100	ISD/Downey	1990	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Assessor	Secured Batching	Validates all 80 byte secured transactions in coded batches. Transactions are examined for validity of data elements such as numeric data or missing data. Corrections are noted on the batch list, which is a turnaround document. Corrections are identified by a manual comparison of source documents to system generated batch listings. Corrections are processed to a batch held file. When batches are correct, they are released and the transactions are used to update various files. The Auditor-Controller also uses this application.	In-house development	100 - 500	ISD/Downey	1987 2009	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Assessor	Secured Landlord	Produces Apartment House Property Statements and Apartment House Appraisal Records annually.	In-house development	< 100	ISD/Downey	1972 2009	$50,000 - $100,000	<100,000 transactions	High	Department Mission/Service Delivery
Assessor	Secured Local Roll	Produces Local Roll reports at the end of each Roll Year.	In-house development	< 100	ISD/Downey	1965 2009	< $50,000	> 1 million transactions	High	Department Mission/Service Delivery
Assessor	Secured Posting	Generates Change of Ownership Statements and transactions for posting information to the Cross Reference Database.	In-house development	100 - 500	ISD/Downey	1987 2009	$50,000 - $100,000	> 1 million transactions	High	Department Mission/Service Delivery
Assessor	Secured Valuation	Generates various control reports listing the assessed values of all real estate, business, marine, and aircraft Properties in the County. Reports values on the Local Roll by Tax Rate Area, Mapbook, Agency Account Number, and Use Code.	In-house development	< 100	ISD/Downey	1965 2009	< $50,000	> 1 million transactions	High	Department Mission/Service Delivery
Assessor	Single Family Residence	Maintains a file of descriptive characteristics for single family residential Properties in the County. The file is used as input to the Appraisal Data System.	Vendor custom development	100 - 500	ISD/Downey	1975 2009	< $50,000	<100,000 transactions	Low	Department Mission/Service Delivery
Assessor	Street Index	Produces a file of Situs Addresses and related information that is sent to Thomas Brothers Inc.	In-house development	< 100	ISD/Downey	1975 2009	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Assessor	System Administration Menu	Provides the AS/400 System Administrator the ability to manage the Power7, 720 System beginning with the IBM i Main Menu options and command line.	In-house development	100 - 500	Department	1994 2009	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Assessor	Tax Rate Area System	Assists clerical staff in maintaining the Los Angeles County system of Tax Rate Areas. This is a shared system with the Auditor-Controller.	In-house development	< 100	ISD/Downey	1989	< $50,000		Medium	Department Mission/Service Delivery
Assessor	TIME AND VOLUME	Assist employees and managers in tracking/reporting staff work load and performance.	In-house development	> 500	Department	2005 2009	< $50,000	<100,000 transactions	Low	Department Mission/Service Delivery
Assessor	TITAN OWNERSHIP IMAGING SYSTEM	The Transfer Information and Title Analysis Network (TITAN) provides the ability to process documents associated with the transfers of real property in Los Angeles County utilizing the Deed and PCOR images received from the Registrar-Recorder's office.	In-house development	100 - 500	Department	2009 2010	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery

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Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Assessor	TITANIUM	TITANIUM will enhance the current Ownership processing system, TITAN, by adding an investigations component. Currently all Investigations are done manually. The TITANIUM component will allow for generation of correspondence, expedition of correction processing, as well as electronic tracking of work done by the Investigations Section. Performing both the creation and correction of data within TITAN will allow for centralized tracking of parcel and/or document activity. Not only is this expected to increase security and reduce the risk for fraud (such as unauthorized reversal of reappraisable events), but will also allow for immediate electronic retrieval of documents (no more lost files). TITANIUM will improve public service by reducing errors, eliminating additional data entry processing delays, and allowing the public service clerks to provide immediate up-to-date status, all within one place. By virtually eliminating the need for manual tracking of individual investigations, production reports generated for Ownership Investigations will be both more timely and accurate. Retrieval of investigation documentation that is digitized eliminates the need to build file rooms and deal with archiving paper copies. Deed filing once consumed a large portion of HOA Rm 301 until we started processing electronic deeds. Similar efficiencies can be made for Investigations. Correction and investigation workflow was part of the original plan for TITAN, but because of time restraints the scope of the first phase of the project was scaled back. The framework for corrections already exists in TITAN. The scanning of correspondence can piggyback on the technology currently used for the scanning of PCORs. The same efficiencies that TITAN brought to deed processing can also be applied to the investigations unit workflow by applying the same concepts.	In-house development	100 - 500	Department	2014	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Assessor	TRA ROLODEX	Fox Pro Database that tracks TRA change information.	In-house development	< 100	Department	1992 2009	< $50,000	<100,000 transactions	Low	Department Mission/Service Delivery
Assessor	Transfers	This process accumulates Transfer activity and reports this activity to the appropriate appraisal offices based on a schedule approved by appraisal management.	In-house development	100 - 500	ISD/Downey	1975 2009	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Assessor	Unsecured Roll/Bills	Produces a copy of the Unsecured Tax Roll on magnetic tape and microfiche.	In-house development	< 100	ISD/Downey	1968 2009	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Assessor	VESSEL ASSESSMENT SYSTEM	Vessel Assessment System consisting of inquiry and data-entry through billing. The Vessel Assessment System interfaces with the Auditor-Controller and the Treasurer-Tax Collector sytems.	Vendor custom development	100 - 500	Department	1994 2009	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Assessor	Veteran Claim Draw-off	Annual process that generates preprinted Veteran Exemption claim forms for all parcels with existing Veteran exemptions on the Property Database and the Cross-Reference Database. In addition to the preprinted claims, an error list, listing of all existing Veteran exemptions, and Disabled Veteran Exemption Termination Notice forms are printed.	In-house development	< 100	ISD/Downey	1975 2009	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Assessor	Weed Abatement File Validation	Verification of Weed Abatement Job-out file report. Written in-house by Saul Duenas who is no longer with the department.	In-house development	< 100	Department	2002 2009	< $50,000	<100,000 transactions	Low	Department Mission/Service Delivery
Auditor-Controller	Auditor'S Data Conversion System (ACDC)	Provides automated means for data entry to legacy mainframe systems	In-house development	< 100	ISD/Downey	2007	< $50,000		High	Technology Services/Management

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Auditor-Controller	Auditor'S Direct Assessment Web Application	DAWeb was created to support the high volume of Direct Assessments (DA) during the annual property tax roll build-up process. In the past, agencies saved DA files on diskettes or compact disks and sent it through the mail to the Auditor-Controller to process. A lot of time was spent waiting for the files to arrive, loading and processing each diskette or CD and sending reports to the agencies. DAWeb is a web-based application that enables the agencies to submit DA, Public Utility (PU) and Correction files via the web and retrieve Parcel Change, Detail and Control reports immediately after the files are uploaded and validated. The new application eliminates the time that it takes to create and mail CDs to the Auditor and receive reports from the Auditor. The new application improves accuracy, privacy and security since the information is prepared and submitted by each agency. It will provide a faster turnaround and will make the Roll Build-up process more efficient.	In-house development	100 - 500	ISD/Downey	2011	< $50,000	<100,000 transactions	Low	

Auditor-Controller	Contracts Library/ Contracts Managements System	The Contracts Management System is a countywide contracting process improvement project. The overall goal is to create a contracting process which incorporates best practices, while at the same time ensuring compliance with laws and County policies. There are three components to the Contract Management System (CMS):
		    Contract Process / Workflow and Approval
		    Content Management / Document Creation
		    Document Management over the Contract Life-cycle
		In addition, the CMS must also integrate with elements of Advantage (eCAPS - Procurement, Financial and Vendor Self Service). The initial pilot is set for implementation in the first half of FY 13-14 with full implementation planned for the end of FY 13-14 or early 14-15
			COTS highly customized	100 - 500	ISD/Downey	2014	< $50,000	<100,000 transactions	High	Technology Services/Management

Auditor-Controller	Countywide Employee Information Delivery Systems	This is a suite of applications that provide key information to County employees. They include Paystub Viewer and the Online Employee Pay Statement, Online W2 Distribution, Salary Change Notification, and Historical Timecards. Added in 2013-14 is the Online Charitable Giving Campaign Form to allow employees to select their giving options into the e-HR system via the mylacounty.gov portal.	In-house development	> 500	ISD/Downey	2010	$350,000 - $700,000		High	
Auditor-Controller	eCAPS - eHR Payroll & Personnel System	Provides Employee Self-Service, CORE HR and Payroll functions to all County Departments and employees. Maintains data, calculates pay disburses funds to employees outside agencies. In 2012 functionality was added to provide personnel management, time and leave management, and employee self-service.	COTS highly customized	> 500	ISD/Downey	2010		<100,000 transactions	0	Technology Services/Management
Auditor-Controller	Electronic Countywide Accounting & Purchasing Syst	Comprehensive Financial Package for the entire County. Prepares book-keeping, disbursement, revenue income, financial projection, budgeting and procurement functions.	COTS highly customized	> 500	ISD/Downey	2005	< $50,000	<100,000 transactions	Low	Department Mission/Service Delivery
Auditor-Controller	Mileage Authorization Reimbursement System	The Mileage Authorization Reimbursement System (MARS) is an online application designed to replace the manual claim form that employees have been using to request mileage reimbursement. It is an easy and convenient electronic process that offers advantages over the traditional paper form used to submit mileage claims online, and by using Google Maps to calculate distances . MARS expedites mileage reimbursements by providing a work flow approval process. In addition, approved claims are submitted directly to eHR payroll, thus eliminating paper and manual intervention. MARS also reduces the potential for fraud by eliminating the manual calculation, unreadable signatures, and providing reporting and statistics on mileage claims. MARS will be fully implemented for the County's 24,000+ mileage permittees by the end of 2013-14 fiscal year.	In-house development	> 500	ISD/Downey	2012	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Auditor-Controller	New Community Redevelopment Agency Accounting Syst	New CRA Acctg system tracks revenues to/from CRA Projects, maintains revenue histories, and calculates/distributes/track monies to CRAs and Affected Taxing Agencies	In-house development	100 - 500	ISD/Downey	2006 2009	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Auditor-Controller	Secured Defaulted Tax Roll (Redemption)	Redemption (Defaulted Secured Properties) Property Tax Roll system does updates, calculates, apportions, distributes Redemption Property Tax revenue to the county taxing agencies.	In-house development	100 - 500	ISD/Downey	1972	< $50,000		High	Department Mission/Service Delivery
Auditor-Controller	Secured Tax Roll	Secured Property Tax Roll system does updates, calculates and apportions and distributes Secured Property Tax revenue to the county taxing agencies	In-house development	100 - 500	ISD/Downey	1989	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Auditor-Controller	Unsecured Tax Roll	Unsecured Property Tax Roll system does updates, calculates and apportions and distributes Unsecured Property Tax revenue to the county taxing agencies.	In-house development	100 - 500	ISD/Downey	1969	< $50,000		Low	Technology Services/Management
Beaches and Harbor	Approval System to Replace Navision	Our legacy Navision system used to be the financial system for our department. However, all functions except for purchasing of non-warehouse items have been moved to other, more current software platforms. Since Navision can only be run on Windows 7 via the Windows XP compatabliity mode, there is an urgent need to replace this purchasing function. DBH IT is working with the CIO's office to define a solution within ECAPS or to develop an independent application.	Vendor custom development	100 - 500	ISD/Downey	2000	< $50,000	<100,000 transactions	High	Accounting/Finance
Beaches and Harbor	Boat Slip Rental Payments	Allows boaters who rent a slip from us to pay their monthly fees online using a credit card.	Vendor custom development	< 100	ISD/Downey	2010	< $50,000	<100,000 transactions	Low	Accounting/Finance
Beaches and Harbor	Check In and Out System	All employees with computer access must check in at the beginning of their work day and check out at the end. This provides verification for the hours listed on the official timecard. This application has already been successfully upgraded to be Windows 7 compatible.	In-house development	100 - 500	ISD/Downey	2000 2007	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
Beaches and Harbor	Court Referrals	Tracks hours served cleaning the beaches as part of a court-mandated sentence. This application has been made Windows 7 compliant.	In-house development	< 100	ISD/Downey	2000 2006	< $50,000	<100,000 transactions	Medium	Office and Productivity Services/Management
Beaches and Harbor	Daily Cash	This application tracks daily cash payments received. In December of 2013 this application was retired and replaced by REportfolio. The application exists for historic tracking of accounts receivable only.	In-house development	< 100	ISD/Downey	2009	< $50,000	<100,000 transactions	Medium	Accounting/Finance
Beaches and Harbor	Day in the Marina	Tracks school and youth group reservations for a day of water sports in Marina del Rey. This application is Windows 7 compliant.	In-house development	< 100	ISD/Downey	2006 2007	< $50,000	<100,000 transactions	Low	Department Mission/Service Delivery
Beaches and Harbor	Employee Comments and Suggestions Program	This system allows employees to submit money-saving, time-saving or other ideas directly to management. Staff have the option of submitting either anonymously or adding their contact information to the suggestion. DBH took Probation's ECSP application and converted it to a SQL based application with DBH information. This application is compliant with Windows 7.	In-house development	100 - 500	ISD/Downey	2009	< $50,000	<100,000 transactions	Low	Office and Productivity Services/Management
Beaches and Harbor	Employee Training Database	This application contains most of the training class records of DBH employees from the past. Current records of departmental training are kept in SABA for all staff. DBH staff continues to work on adding all of the historical records into the SABA/The Learning Net system. Once the data has been verified, the old application will be retired. Historical records have been submitted to DHR for upload into SABA, but no date for the upload has been given. This application will be retired once the transcripts are loaded.	In-house development	100 - 500	ISD/Downey	2001 2007	< $50,000	<100,000 transactions	Low	Human Resource Services/Management

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Beaches and Harbor	Facility Service Request System	This application will convert the current paper process into an electronic based process. Our Facilities management staff will have the ability to monitor staff progress on projects, as well as have reports of hours worked on each repair. This application will provide an opportunity to control cost and improve efficiency. The application will leverage the location data within the REportfolio system.	In-house development	< 100	ISD/Downey	2006	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Beaches and Harbor	Film Tracking System	The system tracks all permits for film and television that use DBH locations. The primary application is managed by Film LA. We just track our involvement in any permits that Film LA issues. This application has been made compliant with Windows 7.	In-house development	< 100	ISD/Downey	2002 2005	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Beaches and Harbor	Financial Information System	This system provides secure access via a local webpage to the Department's Financial records which are located in shared folders.	In-house development	< 100	ISD/Downey	2011	< $50,000	<100,000 transactions	Low	Accounting/Finance
Beaches and Harbor	Fuel Monitoring and Tracking	Beaches and Harbors has selected ISD Fleet Services for the installation and maintenance of a fuel monitoring system. By mid-February 2014, all fuel stations are scheduled to be operational under this system. All appropriate DBH staff will be trained to ensure proper inter-departmental billing. This automated system will only allow authorized County staff to dispense fuel. Automated reports will help our Fiscal and Audit sections review all fuel usage and to monitor against fraud.	In-house development	< 100	ISD/Downey	2009	< $50,000	<100,000 transactions	Low	Accounting/Finance
Beaches and Harbor	Human Resources Information System	This system provides secure access via a local webpage to the Department's Human Resources records which are located in shared folders. This system is already compliant with Windows 7.	In-house development	< 100	ISD/Downey	2011	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
Beaches and Harbor	Item Control	This legacy application is used by management to track all employee positions within our Department. This application is used to supplement the information provided by the eHR system.	In-house development	< 100	ISD/Downey	2008	< $50,000	<100,000 transactions	High	Human Resource Services/Management
Beaches and Harbor	L. A. County Activity Registration and Reservation System	The LACARRS online reservation system added mobile pages this year. DBH IT was involved with all stages of design and testing on a variety of mobile platforms. DBH is working with Parks and Recreation to define project schedules for next year, with the replacement of the Beach Permits and Right of Entry applications being one of our top priorities. Parks and Recreation has its list of projects within the LACARRS system, and additional departments may join LACARRS.	COTS highly customized	> 500	Contractor Site	2010 2011	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Beaches and Harbor	Permit Applications System Enhancement	Some of the functions of the Right of Entry system (e.g., Accounts Receivable) have been transferred to our REportfolio system. We plan to transfer the front-end interface to the LACARRS system. For the Beach Use Permits, the LACARRS vendor has already been notified that DBH plans to add these functions to the application. In early 2014, a schedule of projects will be defined by DBH, Parks and Recreation, and the vendor. This schedule will need to include any other County departments that plan to join LACARRS during FY2014-2015.	Vendor custom development	> 500	Contractor Site		$50,000 - $100,000	<100,000 transactions	High	Department Mission/Service Delivery
Beaches and Harbor	REPortfolio Software for Asset Management and Financial	The installation of REportfolio has been successfully completed. This software makes it easier for the property agents to monitor the many categories of income we receive for Marina del Rey and the beaches. The software is also being used by our Boating Section to manage the storage leases (Boat Slip, Dry Storage, Dinghy, and Bike). All of the Department's accounts receivable activities have now been consolidated onto this single system.	Vendor custom development	< 100	Contractor Site		$50,000 - $100,000	<100,000 transactions	High	Accounting/Finance
Beaches and Harbor	Right of Entry Public Interface for REportfolio	Some of the functions of the Right of Entry system (e.g., Accounts Receivable) have been transferred to our REportfolio system. We plan to transfer the front-end interface to the LACARRS system.	Vendor custom development	> 500	Contractor Site		$50,000 - $100,000	<100,000 transactions	High	Department Mission/Service Delivery
Beaches and Harbor	Visitor Guest Docks	Tracks payments for use of our transient boat docks located at Chace Park. This application has been made Windows 7 compliant.	In-house development	< 100	ISD/Downey	2005 2007	< $50,000	<100,000 transactions	Medium	Accounting/Finance

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Beaches and Harbor	W.A.T.E.R. Youth Program	Maintain class schedules, registration and costs for youth programs sponsored by our Department which are held in Marina del Rey and at our managed beach locations. Due to funding issues, the W.A.T.E.R. program is currently on hold. This application has been made Windows 7 compliant.	In-house development	< 100	ISD/Downey	2009	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Beaches and Harbor	Upgrade and Maintain Department's Internet Website	The DBH Public Information Officer has begun outlining changes she would like to see for the DBH website. ISD has also said that our website may be changed to meet new standards. It is expected that during FY2014-2015 there will be some changes made to the website. Funding for this project is being investigated.	In-house development	> 500	ISD/Downey	2010	< $50,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Chief Executive Office	AB212 Early Educators Stipend Application	AB212 system is a Windows-based app developed in MS-Access. This app provides the capability for collecting applicant's info applying for Early Educators Cash Stipend Prog, and adminstration of this fund.	In-house development	< 100	Department	2012	< $50,000		High	Department Mission/Service Delivery
Chief Executive Office	Centralized Eligibility List (CEL) Application	The Centralized Eligibility List (CEL) for subsidized child care services is a Web-based, real-time, and secured application that will permit authorized users, such as County and child care staff, the ability to access needed child care information using a standard browser (via the Internet). CEL also provides the capacity to streamline the identification of eligible children by CDE/CDD child care service providers, and unduplicated information on families who qualify for State-subsidized child care services.	COTS highly customized	100 - 500	ISD/Downey	2012	< $50,000		High	Technology Services/Management
Chief Executive Office	CEO Assignment Tracking System (ATS)	Automated web-enabled system to track various CEO assigned or Board mandated work assignments. The system would also produce numerous on demand reports to indicate status of completion of the various work assignments, pinpointing the work assignments that are nearing or past due dates, and producing statistical reports.	In-house development	< 100	Department	2010 2011	< $50,000		High	Technology Services/Management
Chief Executive Office	CEO Building Description Report (BDR) System	Central space inventory sys. Maintains data on County-owned, leased, financed and permitted facilities. Tool for space planning, prep of feasibility studies. Generates Space Assignment Notices.	In-house development	< 100	Department	1999 2011	< $50,000		High	Technology Services/Management
Chief Executive Office	CEO Cable/Telecommunications Support System	System maintains consumer complaints about cable franchises throughout LA County.	In-house development	< 100	Department	2007 2012	< $50,000		High	Technology Services/Management
Chief Executive Office	CEO Class Specification System	System maintains all county classification specifications. Web based and allows all county staff to review and propose changes to class specs as needed.	In-house development	100 - 500	ISD/Downey	2001 2012	< $50,000		High	Department Mission/Service Delivery
Chief Executive Office	CEO Enterprise Content Management (ECM) Project	Electronic document management is a strategic initiative of the County of Los Angeles. In order to streamline efforts for document sharing, search and retrieval of CEO documents, the CEO has initiated its Enterprise Content Management (ECM) efforts. In 2013, the CEO joined the ISD shared Documentum infrastructure to implement document management solutions.	Vendor custom development		ISD/Downey	2011 2012	< $50,000		High	Department Mission/Service Delivery
Chief Executive Office	CEO Fiscal/Billing System	Database sys to produce monthly billing reports of CEO services. Monthly management reports are also produced. Real Estate utilizes the system for labor distribution to the Rent Expense Budget.	In-house development	< 100	Department	1999	< $50,000		High	Department Mission/Service Delivery
Chief Executive Office	CEO IT Inventory System	This system provides a database system for all CEO hardware and software inventory. Monthly management reports are also produced from this system.	In-house development	< 100	Department	1999 2012	< $50,000		High	Department Mission/Service Delivery
Chief Executive Office	CEO Job Evaulation System (JES)	To fairly evaluate County compensation for various job classes.	In-house development	< 100	Department	2009			High	Department Mission/Service Delivery
Chief Executive Office	CEO Legislative DB	The Intergovernmental Affairs team uses the Legislative DB to keep track of the legislative bills. They post reports regularly on the CEO internet site for the Board, departments, and Sacto/DC contacts.	In-house development	< 100	Department	2009	< $50,000		High	Department Mission/Service Delivery
Chief Executive Office	CEO Position Status Reports	Report from CWPAY system to provide the counts of Perm Full-time, Perm Part-time, Temp Full-time, Temp Part-time, Temp Training, Temp Recurrent and CETA employees in each dept and County total.	In-house development		Department	1994 2012	< $50,000		High	Department Mission/Service Delivery

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Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Chief Executive Office	CEO Pro-Track Procurement Tracking System	System maintains department information on requisitions, purchase orders, packing slips, payments, etc.	In-house development	< 100	Department	2008	< $50,000		High	
Chief Executive Office	CEO Rent/Leasing System	System maintains central countywide rent and leasing information. Tool for space planning and costing.	In-house development	< 100	Department	1999 2014	< $50,000		High	Department Mission/Service Delivery
Chief Executive Office	CEO Vovici Enterprise Web Survey System	County's Enterprise Solution to survey the community, consumers of service, County agencies, and other stakeholders to formulate effective public policy recommendations. Also used to administer Web Surveys.	COTS	100 - 500	ISD/Downey	2003 2014	< $50,000		High	Department Mission/Service Delivery
Chief Executive Office	CEO Workplace Program Charitable Donation Tracking System	To record and track charitable giving donations from County Charitable Coordinators.	In-house development	< 100	Department	2010	< $50,000		Medium	Human Resource Services/Management
Chief Executive Office	CEOC Business Continuity Planning System	The County's Emergency Operation Center has implemented	COTS highly customized	100 - 500	ISD/Downey	2011			High	Department Mission/Service Delivery
Chief Executive Office	CEOC Emergency Survival Program (ESP) Portal	The Emergency Survival Program (ESP) Portal is a large-scale community education outreach program. The County of Los Angeles provides leadership for a 15 county ESP Coordinating Council made up of emergency managers from Contra Costa, Imperial, Inyo, Kern, Los Angeles, Marin, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, Santa Cruz, and Ventura counties various cities the California Emergency Management Agency Southern California Edison the Southern California Earthquake Center and the American Red Cross. The Emergency Survival Program prides itself on being a trusted communicator of standardized, coordinated messaging. The ESP Coordinating Council develops publications and materials to address preparedness for all-hazards. Through an annual campaign that focuses on specific and incremental steps to increase the community's readiness, ESP aims to promote self-sufficiency and instill a sense of empowerment in the event of an emergency or larger-scale disaster throughout the state of California.	In-house development	100 - 500	ISD/Downey	1999 2013	< $50,000		High	Department Mission/Service Delivery
Chief Executive Office	CEOC GIS Systems	The use of Geographic Information Systems (GIS) technology is an integral part of operations at the Los Angeles County Office of Emergency Management. These maps are requested by personnel within the County Emergency Operations Center, as well as staff from other County departments and outside agencies. Additionally, GIS technology is used to perform GIS analysis, research, mapping, and developing functions to support specific projects.	COTS	100 - 500	ISD/Downey	1995	< $50,000		High	Human Resource Services/Management
Chief Executive Office	CEOC Operational Area Response and Recovery System (OARRS)	The County's Emergency Operational Center (CEOC) acquired a new Operational Area Response and Recovery System to replace the existing Emergency Management Information System (EMIS). Countywide OARRS will enable an automated collection and processing system of emergency related information to facilitate analysis and decision making in the County's CEOC. OARRS will improve the County's ability to communicate faster, better, and more reliably. This project is an enterprise solution for Los Angeles County Operational Area (OA) that includes the Office of Emergency Management, 39 County Departments, and 88 Cities.	COTS highly customized	> 500	ISD/Downey	2010 2014	< $50,000	100,000 to 1 million transactions	Medium	Technology Services/Management
Chief Executive Office	CEOC Specific Needs Awareness Planning (SNAP)	The County's Emergency Operation Center has implemented the SNAP project which is an online emergency planning tool consisting of an interactive set of databases tied to geographical mapping which allows responders to collect, query, and use a wide variety data sources to perform a number of critical disaster-related activities.	In-house development	100 - 500	ISD/Downey	2009	< $50,000		High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Chief Executive Office	Child Care Needs Assessment Reporting System	This website provides maps and reports from the child care needs assessment report. It allows users to see the area and needs of child care in the County of Los Angeles.	In-house development	< 100	ISD/Downey		< $50,000		High	Department Mission/Service Delivery
Chief Executive Office	Compensation/Benefit Negotiation	Performs "what-if" scenarios to describe the financial impact by bargaining unit	In-house development	< 100	Department	2009 2011	< $50,000		High	
Chief Executive Office	ECAPS Budget Prep System	System is used to develop the county budget and for budget analysis.	In-house development	100 - 500	Department	2013	< $50,000		High	Department Mission/Service Delivery
Chief Executive Office	Enterprise Linkages Project (ELP)	ELP integrates service utilization data across county departments, and creates a new Data Warehouse with all services data between January 2005 and the most current data. ELP will also allow DPSS to retrieve service information for General Relief participants through a web-enabled interface.	Vendor custom development	> 500	Contractor Site	2012	< $50,000		High	Department Mission/Service Delivery
Chief Executive Office	General Network Systems	The CEO Network Systems pertains to the CEO specific network maintained in-house.	COTS	> 500	Department	2002	< $50,000		Medium	Department Mission/Service Delivery
Chief Executive Office	MOU Document Imaging System	This system provides County departments web access to the County's Memorandums of Understanding (MOUs).	COTS	100 - 500	Department	2001 2009	< $50,000		High	Human Resource Services/Management
Chief Executive Office	Occupational Health Program System (OHPS)	System maintains and manages official countywide medical exam information for all county employees.	In-house development	100 - 500	ISD/Downey	2010	< $50,000		Medium	Department Mission/Service Delivery
Chief Executive Office	Online Reporting Business Intelligence Tool (ORBIT)	ORBIT is an enterprise County application for providing departments analytical reports of Risk Management Information System (RMIS) data to identify potential County risk exposures to effectively manage risk.	In-house development	100 - 500	ISD/Downey	2004 2006	< $50,000		High	
Chief Executive Office	Risk Management Information System (RMIS)	Enterpise solution to improve speed and quality of County's risk mgmt data collection and analysis. Financial admin tool for risk mgmt activities, performance of TPA's and enables reporting of injury report	COTS highly customized	100 - 500	ISD/Downey	2001	< $50,000		Medium	Department Mission/Service Delivery
Chief Executive Office	TELEform Enterprise	An enterprise information technology solution to automate the authoring and processing of paper surveys. This solution consists of two designers, two scanning stations, three verifiers, and a centralized repository. This application has the capacity and functionality needed to support the design, scanning, and processing of multiple and high volume paper surveys simultaneously.	COTS	< 100	Department	2005	< $50,000		Medium	Accounting/Finance
Chief Executive Office	Workers' Compensation System (eCAPS Interface System)	The Workers' Compensation System (eCAPS Interface System) is a complex system on the mainframe which enables the Workers' Compensation System (GIFW) to interface with the County's eCAPS Financial System to generate and disburse payments.	In-house development	> 500	ISD/Downey	1983	< $50,000		High	Department Mission/Service Delivery
Chief Executive Office	Workers' Compensation System (GIFW)	Database sys for CEO's Risk Mgmt Branch to track all county workers' comp cases. County Third-Party Administrators and seleceted county depts also use the sys. GenSource provides app maint.	Vendor custom development	> 500	Contractor Site	1983	< $50,000		High	Department Mission/Service Delivery
Child Support Services	Case Management Tool	The Case Management Tool was developed in Access and at this point is maintained on a monthly basis as new monthly data is merged into the database. The tool assists caseworkers in managing their caseload and determining case priority.	In-house development	> 500	Department	2010	< $50,000	<100,000 transactions	Low	Office and Productivity Services/Management
Child Support Services	EMC Documentum	This software will allow the user to organize, manage, and maintain a paperless office by imaging incoming and backlog hard copies into electronic files. Users will be able to logon to the web-based D2 application and access their files and be able to easily share files among users, including, mobile devices (e.g. Android, Apple, etc.) The use of Captiva and other imaging devices will allow for easy scan and capture of quality images from hard copies. Captiva has the capability to automatic redirect a scanned document to its proper destination or recipient and the capability for document approvals.	Software as a Service/Cloud/ASP	100 - 500	ISD/Downey	2014	< $50,000		High	Department Mission/Service Delivery
Children and Family Services	Abducted/ Runaway Kids System (ARKS)	Tracking system for abducted or runaway children. Source for missing kids web-site and photos.	In-house development	> 500	ISD/Downey	2007 2009	< $50,000	<100,000 transactions	Low	Office and Productivity Services/Management
Children and Family Services	Abduction Referral Tracking System	This system is for Abduction Unit to centralize DCFS abducted children information.	In-house development	< 100	ISD/Downey	2012 2013	$50,000 - $100,000	<100,000 transactions	High	Procurement/Supply Chain Services/Management

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Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Children and Family Services	Adoption Assistance Program (AAP) Web	The Adoption Assistance Program System is a comprehensive web-based application that performs AAP eligibility case management functions and interfaces with three key financial systems: 1) Automated Provider Payment System (APPS) 2) Auditor-Controller's Electronic Countywide Accounting Payment System (e-CAPS) 3) IFS. Revenue Enhancement AAP Intake and Reassessment Eligibility Workers utilize the system to process AAP payment functions including updating child and family case information, creating new agreements, terminating expiring agreements, generating forms and activities, and viewing payment history. Post Adoptive Services (PAS) Adoptions staff also accesses the system to look up payment information for their adoptive families	In-house development	100 - 500	ISD/Downey	2010 2011	< $50,000	<100,000 transactions	High	Accounting/Finance
Children and Family Services	Adoption Fee System Reengineering	Tracking Adoption Fee Agreement Information.	In-house development	100 - 500	ISD/Downey	2010	$100,000 - $350,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Children and Family Services	Adoptions Automated Matching System	The Adoption Automated Matching System will be used to assist in automatically matching available children with prospective adoptive families based on selected criteria.	In-house development		Department		$100,000 - $350,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Children and Family Services	Adoptions Integrated System	System developed to eliminate numerous stand alone systems and provide functionality that is not currently provided in CWS/CMS.	Vendor custom development	100 - 500	ISD/Downey	2001 2013	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Children and Family Services	Adverse Decision Tracking System	Provides a central record of court decisions adverse to the best interest of a child, with details of department and county counsel follow-up to resolve situation.	In-house development	< 100	ISD/Downey	2005		100,000 to 1 million transactions	High	Office and Productivity Services/Management
Children and Family Services	Automated Provider Payment System	APPS is a highly complex $60,000,000 payroll system that calculates approximately 45,000 monthly payment requests received from the Child Welfare Services/Case Management System (CWS/CMS) for the processing of Foster Care, Kin-Gap, Adoption, Mental Health and Probation paid placements. APPS interfaces with numerous State and County Case Management and Financial systems including the State Medi-Cal Eligibility Database System (MEDS) and the Los Angeles Electronic County-wide Accounting Payment System (e-CAPS).	Vendor custom development		ISD/Downey	2011	< $50,000		Medium	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Children and Family Services	California Child Support Automation System (CCSAS)	Daily FTP file sent to the State Child Support Department consisting of CWS/CMS child support referral information (CW51) and APPS payment information. Receive daily FTP file from the State Child Support system CSE.	Vendor custom development		ISD/Downey	2008	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Children and Family Services	Cash Management System Reengineering	Tracks Payer's received and deposit permit information. System allows users to enter cash, check, money order and credit card amount base on the program files and payers. After users enter the amount. Creates the sub total amount base on the program payment type of data entry within the same sub total amount base on the program payment type of data entry within the same received date. The sub total amount will enter into eCAPS to process the deposit permit. The deposit permit information will update to Cash Management System.	In-house development	> 500	ISD/Downey	2010 2011			Medium	
Children and Family Services	Child Awaiting Placement	The Child Awaiting Placement Tracking system is a comprehensive web-based application that allows the department's Regional Offices to track kids who left to ERCP then come back to the office. This system captures child(ren)'s arrival, departure, and placement information in real time. This system will help the department identify childrens who are difficult to find placement.	In-house development	100 - 500	ISD/Downey	2013			Medium	Technology Services/Management
Children and Family Services	Child Welfare/ Case Management System	A system that automates the entry, organization, and retrieval of information that pertains to the policy and procedures of DCFS and all California Child Protective Services agencies.	Vendor custom development	> 500	Contractor Site	1997			Low	

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Children and Family Services	Children and Adolescence Needs and Strengths (CANS) Assessment Tool Tracking System - Phase I (APEX)	Children and Adolescence Needs and Strengths (CANS) Assessment Tracking System tracks assessments of children whenever they enter group home, exit group home, or replaced in another group home. The CANS Assessment will assist the Resource Management Process (RMP) Liaisons to track the assessments and decisions model for making determinations on group home placements needed for the child's level of care for the Group Home Placement and /or changes to any placements.	In-house development	> 500	ISD/Downey	2010			Low	
Children and Family Services	Children and Adolescence Needs and Strengths (CANS) Assessment Tool Tracking System - Phase II (APEX)	Children and Adolescence Needs and Strengths (CANS) Assessment Tracking System tracks assessments of children whenever they enter group home, exit group home, or replaced in another group home. The CANS Assessment will assist the Resource Management Process (RMP) Liaisons to track the assessments and decisions model for making determinations on group home placements needed for the child's level of care for the Group Home Placement and /or changes to any placements. The second phase of the CANS was to create and automate outcome reports based on data captured in the CANS application. The third phase enhancements of the CANS will focus on the integration of Referrals and Adoption cases to the application.	In-house development	> 500	ISD/Downey	2011	< $50,000		Low	
Children and Family Services	COMMAND POST CONTRACT HOMES	A system that provides access to Los Angeles Contract Homes for the purpose of providing their vacancy information to the DCFS Command Post and program staff.	In-house development	< 100	ISD/Downey	2004 2012	$50,000 - $100,000		High	
Children and Family Services	CONCURRENT PLANNING PERMANENCY LOG (CPPL)	The CPPL allows staff to monitor their caseloads for imporatant case information regarding concurrent and permanency planning activities to help meet Federal and State mandates.	In-house development	> 500	ISD/Downey	2005 2008	< $50,000		High	
Children and Family Services	Contract Monitoring Face-Sheet Storage and Tracking System	Assists in archiving, retrieving and tracking Contract Monitoring Face-Sheets whereby DCFS staff can monitor the performance and compliance of vendors/agencies on contracts.	In-house development	< 100	ISD/Downey	2013	< $50,000		High	Technology Services/Management
Children and Family Services	Contract Request Tracking	The Contract Request Tracking System was developed to automate the submission of the Contract Request and allow Bureaus, Budgets, Finance, Deputies, Chief Deputies, Director and Contract Section personnel to approve and deny requests and allow the tracking of the Contract Request status throughout the entire workflow process, including identifying bottlenecks, length of Contract Request from beginning to end, etc.	In-house development	> 500	ISD/Downey	2011	< $50,000	<100,000 transactions	Medium	Office and Productivity Services/Management
Children and Family Services	Court Report Barcode Tracking System	Track court reports submitted to Children Court by CSWs.	In-house development	100 - 500	ISD/Downey	2011	> $1,000,000		Medium	Department Mission/Service Delivery
Children and Family Services	Court Report Document Imaging (DocBox)	The document imgaging system is to eliminate the need for transporting hardcopies of court reports from regional offices to the Children's Court.	Vendor custom development	< 100	Department	2006	< $50,000		High	
Children and Family Services	CPH Call Back Automated System (CBAS)	The Child Protection Hotline Call Back Automated System (CBAS) allows CPH to track the overflow calls electronically. The supervisor can use this system to quickly input the caller information and allow CPH CSWs to return calls to callers by retrieving basic caller information and the call's content. Once a call has been mark as completed (returned) in the system, the call will then drop-off the list. This system is needed in order to process calls efficiently, save data, and allow CPH to generate reports. It will be accessible through LAKids Intranet site and viewable on any desktop.	In-house development	100 - 500	ISD/Downey	2012	< $50,000		High	

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Children and Family Services	Criminal Clearance Tracking System	This system is a web-based application that provides the ability to track and process Live Scan Federal Bureau of Investigation (FBI) and Department of Justice (DOJ) as well as emergency California Law Enforcement Telecommunications System (CLETS), and Child Abuse Central Index (CACI) clearance activity. The Department of Children and Family Services (DCFS) staff may enter on-line Live Scan, CLETS, and CACI requests to the Federal Bureau of Investigation (FBI), the Department of Justice (DOJ), and the Child Abuse Central Index (CACI). The system also provides viewing of results received from DOJ. The system increases child safety by expediting the clearance process for caregivers, pre-populating Child Welfare Services/Case Management System (CWS/CMS) child and case information on request. This reduces data entry and decreases duplication of clearances requested by staff by providing a central data base where requests and results reside. It also automatically emails notifications of results to staff, therefore significantly reducing clerical staff's workload. Criminal Clearance Tracking System (CCTS - Human Resources Module) - Implementation Date Feb. 2009 This system is a web-based application that provides the ability to track and process employees' as well as potential employees' criminal clearance activity. It is a confidential, comprehensive and integrated environment that allows Human Resources staff to enter on-line Livescan requests. Department of Justice (DOJ) and Federal Bureau of Investigation (FBI) results are received daily via secure File Transfer Protocol (FTP) from DOJ and load into the CCTS-HR application. Staff may view/print DOJ and FBI results.	In-house development		ISD/Downey	2006			Medium	Department Mission/Service Delivery
Children and Family Services	Critical Incident and Fatality Tracking System	Detail database on Client, Case, Placement and Incident information for child fatalities.	In-house development	< 100	ISD/Downey	2005 2007			Low	
Children and Family Services	DCFS Assignment Tracking	Track DCFS assignments.	In-house development	100 - 500	ISD/Downey	1999	< $50,000	<100,000 transactions	Medium	Technology Services/Management
Children and Family Services	DCFS CWS LITE/ Probation LITE	Historical payment and placement information	In-house development	> 500	Department	2007	< $50,000		High	
Children and Family Services	DCFS Events Calendar	The DCFS Events Calendar keep staff and partners apprised of any DCFS-related events as well as Partner/community events occurring.	In-house development	< 100	Department	2011	< $50,000	<100,000 transactions	Medium	Technology Services/Management
Children and Family Services	DCFS Resource Locator Website	Create a resource of community services specific to DCFS. Provides a replacement to the current manually maintained resource listings by each office.	Vendor custom development	100 - 500	Contractor Site	2010 2013	< $50,000	<100,000 transactions	Low	Department Mission/Service Delivery
Children and Family Services	DCFS Roster System	Provides on-line roster availability for Regions, Adoptions, and ITS. Web-enabled by end of 2004. Re-engineered in 2009 to .NET and to include all DCFS employee.	In-house development	> 500	ISD/Downey	2004	< $50,000		Low	Department Mission/Service Delivery
Children and Family Services	Departmental Assignment Control System	The Departmental Assignment Control System (DACS) is a web-based DCFS assignment tracking system to create, assign, control and respond to public inquiries, Board of Supervisors' inquiries, and general Departmental assignments made by the Director, Chief Deputy Director, Senior Deputy Director, Deputy Directors, Regional Administrators, Division Chiefs and other management staff.	COTS highly customized	100 - 500	ISD/Downey	2009	$50,000 - $100,000		High	
Children and Family Services	Drug and Alcohol Testing	The Drug and Alcohol Testing is an automated system for all drug referrals to better track drug testing.	In-house development		ISD/Downey		< $50,000		Medium	Department Mission/Service Delivery
Children and Family Services	ECAPS Interface/ Reporting	Reporting is limited in eCAPS at the detail level, therefore, detailed reports and claiming data must be developed and maintained by DCFS. Security maintenance is a huge workload impact for DCFS.	In-house development	100 - 500	ISD/Downey	2005	< $50,000		Medium	Office and Productivity Services/Management

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Children and Family Services	Education Consultant Services (APEX Application)	The Education Consultant Services Tracking Application helps capture the majority of the fields from the form DCFS 1361 - Referral for Educational Consultant Services. The application will allow CSWs to make an educational referral for the child from their current caseload or via child search engine, they can request for the different types of assistance to be offered to the child and review notes from the education consultants, relavent dates, transfer log, and referral history and status. The Education Consultants will be able to review the required assistance from the CSWs, recommend new assistance, approve/provide services, input and review notes, hours invested, issues addressed, action taken, resolution, and transfer logs. The DCFS Education Consultant Manager will be able to manage applicatoin user account, review all of the inputted data, make case transfer and review the effectiviness of consultant hours spent per child.	In-house development	> 500	ISD/Downey	2010	< $50,000		Medium	Department Mission/Service Delivery
Children and Family Services	Electronic Suspected Child Abuse Report (E-SCARS)	ESCARS allows electronic submission of mandatory child abuse cross reporting between DCFS and law enforcement agencies in the county.	In-house development	> 500	ISD/Downey	2009	< $50,000		Low	Technology Services/Management
Children and Family Services	Emancipation Services/ Independent Living Program	The system is developed to provide a better tracking of foster and probation youth who qualify for ES / ILP services.	In-house development	100 - 500	ISD/Downey	2004			Medium	Technology Services/Management
Children and Family Services	E-mHUB Automated Interface Referral System	HUB Referral Tracking is an application that will extract the data from the DCFS Datamart and send Medical Hub Referrals electronically to DHS E-mHub System utilized by DHS Medical clinics. This Referral Interface interfaces with E-mHUB system hosted by the Department of Health Services.	In-house development	> 500	ISD/Downey	2011	< $50,000		High	Human Resource Services/Management
Children and Family Services	ERCP Assignment Tracking Log (EATL)	A system to automate and track the ERCP workload so that the administrators and/or supervisors can quickly observe statistical variance in order to meet the demands placed at ERCP on the hourly/daily/weekly/monthly basis. There are some CWS/CMS data directory indexes that do not reflect data elements derived from ERCP. Consequently, ERCP must pull together ERCP workload information and then tally their statistics manually/by hand, which is not cost effective or an efficient process for the managers and supervisors at ERCP.	In-house development	100 - 500	ISD/Downey	2012	< $50,000		Low	Office and Productivity Services/Management
Children and Family Services	ERCP Child Awaiting Placement Tracking	The Child Awaiting Placement Tracking Log is a comprehensive web-based application that allows only ERCP staff to track children who enter and exit ERCP while waiting for placement. This system captures child(ren)'s arrival, departure, and placement information in real time.	In-house development	100 - 500	ISD/Downey	2011	< $50,000		High	Technology Services/Management
Children and Family Services	EW WORKS	Work Order Tracking System (EW Work) - Implementation Date 2005 This system is a web-based application that provides the ability for staff to record, assign, and track the completion of support-related requests received from foster care providers and adoptive families.	In-house development	100 - 500	Department	2055	$50,000 - $100,000		Low	
Children and Family Services	Family and Child Index	Interagency data information system designed to identify children and families at risk for abuse and neglect.	In-house development	100 - 500	ISD/Downey		< $50,000		High	
Children and Family Services	Family Centered Services	Family Centered Services System is a integration of Family Preservation programs providing billing and payment function for services rendered. This integrated system includes Family Preservation and Auxillary Funds Alternative Response Skid Row Partnership for Family (PFF) DPSS Linkage.	In-house development	100 - 500	ISD/Downey	2005	$50,000 - $100,000		High	Department Mission/Service Delivery
Children and Family Services	Family Support Services	Provide a web-based billing and invoice system for community-based agencies, to invoice DCFS on a monthly basis for services rendered. Agencies will provide two or more reimbursable services to families receiving FSS. The FSS system will also include information for basic emergency support services, structured parent-child and/or family centered activities, employment services, educational programs (health, parenting, etc), and case management services.	In-house development		ISD/Downey				Low	

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Children and Family Services	FFA Certified Home Placement Vacancy Information System	An application tool that enables the Foster Family Agencies (FFA's) to upload their vacancy information to the Foster Care Search Enginge (FCSE).	In-house development	100 - 500	ISD/Downey	2004 2013	< $50,000		High	Technology Services/Management
Children and Family Services	Foster Care Search Engine v3.0 Redesign	FCSE v3.0 was implemented in Aug 1, 2012. FCSE 2.0 was created back in 2004 with ASP and GIS ArcIMS Technologies, the FCSE 3.0 version was to update the ASP to .Net technology with new searching capabilities. At current the department is working on automating the Placement Search workflow into the FCSE version 4.0 with the goals to get the most accurate and as close to real-time as possible vacancy data.	In-house development	100 - 500	ISD/Downey	2012	< $50,000		Low	Department Mission/Service Delivery
Children and Family Services	Head Start Application	The Head Start program provides grants to local public, private non-profit and for-profit agencies to provide comprehensive child development services to economically disadvantaged children and families, with a special focus on helping preschoolers develop the early reading and math skills they need to be successful in school. Head Start Referral System (HSRS) helps identify children ages 3 or 4 who are eligible to enroll in Head Start for the next coming year and alert CSW/SCSW to request Parent/Caregiver Consent to Enroll Child in Program.	In-house development	< 100	ISD/Downey	2013	< $50,000		Medium	Technology Services/Management
Children and Family Services	Health & Safety Management (APEX)	The Health and Safety Management is an application converted from ACCESS database to APEX environment. The system is suppose to monitor employee related health and/or safety incidents.	In-house development	< 100	Department	2007	$50,000 - $100,000		High	Department Mission/Service Delivery
Children and Family Services	Hotline Intake Screener FAQ	To enhance the efficiency of suspected child abuse referral management process. A Frequently Asked Questions (FAQ) resource file that Hotline Intake Screener can access via search. To provide a quick and accurate response to answer procedural and/or policy questions encountered by Intake Screeners during the course of their generating a suspected child abuse referral.	In-house development	100 - 500	ISD/Downey	2010	< $50,000		Medium	Department Mission/Service Delivery
Children and Family Services	HR Class/Comp Tracking System (HRCC) - Phase I (APEX)	PHASE I - The HR Class/Compensation (HRCC) Tracking System is created to automate the tracking of Employee's Bonus Requests. The tracking system is an APEX application that will enable the HRCC to track the activities and processing of the special bonuses requested by employees and/or managers. Some of these bonuses HRCC will track are the Bilingual Bonus (BIL), Additional Responsibility Bonus (ARB), Verification of Experience (VOE), Out-of-Class Compensation (OCC) and other bonuses type.	In-house development	> 500	ISD/Downey	2010	< $50,000		Medium	Department Mission/Service Delivery
Children and Family Services	HR Grievance Tracking System	The HR Grievance Tracking System is a tool for DCFS HR to monitor the submited employee grievance and the timelines required to respond to appropriately and create reports and alerts for HR and other DCFS Management.	In-house development	> 500	ISD/Downey	2013			0	Technology Services/Management
Children and Family Services	HR Personnel Folder Barcode Tracking System	A Personnel Folder Tracking System for tracking personnel folders that are checked out by staffs from DCFS or other LA County agencies. Personnel Folder Tracking System will greatly improve HR ability to monitor the whereabouts of all personnel folders and thereby eliminating the loss or misplacement of DCFS personnel folders.	In-house development	< 100	ISD/Downey	2013	< $50,000		Medium	Department Mission/Service Delivery
Children and Family Services	HR Scheduler	To develop a system to schedule Personnel Staff for live scan and ID badge issuing tasks to relieve managers/supervisors of the manual process of creating the schedules. The system should provide the following: (1) The ability to manage staff scheduling easily according to HR scheduling requirements. (2) The ability to provide instant response to staff's Time off Requests (3) Automate staff rescheduling as changes are entered (RDO's, Time off Requests, new staff, etc...). (4) Automate email alerts to staff of schedule updates.	In-house development	< 100	ISD/Downey	2012	< $50,000		High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Children and Family Services	INDEPENDENT LIVING PROGRAM (ILP) AD HOC	A reporting tool provided for the Independent Living Program at Emancipation Services, which allows the users to create individual ad hoc reports. It is currently being enhanced and reporting tool will be web accessible this first quarter 2010.	In-house development	100 - 500	ISD/Downey	2004	< $50,000	<100,000 transactions	Medium	
Children and Family Services	Intake and Detention Control Tracking System	This system enables IDC to compile detentin statistics quicker and allow a broader access to detention-related information.	In-house development		ISD/Downey	2005			Medium	Technology Services/Management
Children and Family Services	Integrated Financial System	This system is a highly complex web application that replaced four standalone financial systems Child Welfare Trust, Child Support, Foster Care Overpayments and Adoption Overpayments. The system interfaces with the Child Welfare Case Management System (CWS/CMS) and the Automated Provider Payments System (APPS). The system also receives daily download files of financial data from the Social Security Administration via a Bank of America download file and from Child Support Services. IFS increases the accuracy of data, contains highly complex computations, increases the amount of Foster Care and Adoption overpayments recovered and significantly reduces workload by combining data from four different sources into one user friendly application.	In-house development	> 500	Department	2003	< $50,000	<100,000 transactions	Medium	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Children and Family Services	Item Control Tracking System	A Human Resource application that is used to assist management staff with job items and classification control.	In-house development	100 - 500	ISD/Downey	2003 2011	< $50,000		High	Human Resource Services/Management
Children and Family Services	ITRACK	Incident Tracking System (ITRACK)- Implementation Date July. 2004 This system is a web-based application that provides the ability for contracted Out of Home Care Group Homes, Foster Family Agencies and Transitional Housing to create Special Incident Reports (SIRs) whenever a child in their home is involved with an incident that threatens their well being and safety, such as an injury, illness or has run away etc. and for the SIR to be automatically emailed to the assigned Child Welfare Services/Case Management System (CWS/CMS) CSW, Probation Officer, OCHM monitor, and CCL as required. This system replaces the former manual process of receiving faxed SIRs from Foster Family Agencies and Group Homes.	In-house development		ISD/Downey	2003	< $50,000		High	Human Resource Services/Management
Children and Family Services	Juvenile Court Services - 241.1 Joint Assessment	Tracks the number of referrals on youth being serviced by both DCFS and Probation Department. The Mandates in AB129 require a dual jurisdiction system between dependency and delinquency court. The dual system will enable DCFS and Probation to develop an improved service delivery system to youth who meet the criteria for the dependency and deliquency courts.	In-house development	< 100	Department		< $50,000	<100,000 transactions	Low	Technology Services/Management
Children and Family Services	Katie A Referral Tracking System (Phase II - data exchange automation process)	DMH Referral Tracking is an application required to fulfill the Katie A. agreement objectives to evaluate progress with the implementation of the mental health screening and referral process. The second phase of the Katie A. Referall Tracking System (Katie A. RTS) will focus on the data exchange automation process between DCFS and DMH. Currently, the data that is used to feed into the tracking system is via a Secure FTP server, the aim is to further automate this process so that jobs can automatically be uploaded to the database for expedited processing.	In-house development	> 500	ISD/Downey		< $50,000		High	Human Resource Services/Management
Children and Family Services	Katie A. Referral Tracking (Phase I - Cognos Tracking Reports)	The Referral Tracking System was developed to track all children entering DCFS and children currently in open DCFS cases to ensure they are screened, assessed and receiving needed Mental Health Services (MHS). It provides data on activities such as screening, consent, benefits, referral to services, linkage to MH services, MH activities, and CAPTA. The report provides screening and participation rates, as well as other elements to track compliance and progress.	In-house development	> 500	ISD/Downey		< $50,000		High	
Children and Family Services	KIDPIX	An application that creates an electronic photo history of child, then it is electronically attached to a CSW caseload.	In-house development	> 500	ISD/Downey	2003	< $50,000		Medium	

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Children and Family Services	KinderTrack Application/Interface	System provides case management for Child Care cases and also a payment-processing module to track/manage payment to care providers. System is owned and maintained by Contrltec.Inc. The interface between Kindertrack and the eCAPS Financial System is supported by DCFS BIS.	In-house development		ISD/Downey	2011	$50,000 - $100,000		High	
Children and Family Services	Kinship Assessment Tracking System (KATS) / Global360 Process	KATS is a confidential, comprehensive and integrated web-based application that features Workflow Management and Document Imaging capabilities utilized Global 360 process. It is used to process, track, view and report assessment information on relative caregivers.	In-house development	> 500	ISD/Downey	2007	< $50,000		Medium	Human Resource Services/Management
Children and Family Services	LAKids	DCFS Intranet Website.	In-house development	> 500	ISD/Downey	2007	$50,000 - $100,000		High	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Children and Family Services	Mandated Reporter	The system tracks potential child abuse calls.	In-house development	> 500	ISD/Downey	2009			Medium	Technology Services/Management
Children and Family Services	MEDS Interface Enhancements	Reduce the amount of MEDS alerts by going from month to month eligibility to ongoing (continues) eligibility. Replace the Monthly Meds Re-Instatement Program with a one time initial load of all active placed children records/cases from APPS.	In-house development		ISD/Downey			0		Technology Services/Management
Children and Family Services	Mileage Web	Allows input of information regarding automobile travel and parking. Produces mileage and parking claims.	In-house development	> 500	ISD/Downey	2005	< $50,000	0		
Children and Family Services	Missed Child Contact Case Report System	These system is for SCSWs, CSAs, ARAs, RAs (primarily for SCSWs) to input and review the reasons if they are not able to contact children within the policy time definition. SCSWs needs to input data for their supervising CSWs. CSAs, ARAs, and RAs will review their progress	In-house development	100 - 500	ISD/Downey	2013	< $50,000		Medium	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Children and Family Services	Missed Child Contact Referral Report System	SCSWs, CSAs, ARAs, RAs (primarily for SCSWs) to input and review the reasons if they are not able to contact children within the policy time definition. SCSWs needs to input data for their supervising CSWs. CSAs, ARAs, and RAs will review their progress	In-house development	100 - 500	ISD/Downey	2013			Medium	
Children and Family Services	Missing Kids LA	This website is designed to provide the user with online access to pictures and profiles of children identified as runaway or as abducted by a parent/relative/guardian from Los Angeles County.	In-house development	100 - 500	ISD/Downey	2002 2013	< $50,000		Medium	Department Mission/Service Delivery
Children and Family Services	MOU Repository and Search System	A MOU repository for collecting all DCFS MOUs Department-wide.	In-house development	< 100	ISD/Downey	2010	< $50,000		High	Department Mission/Service Delivery
Children and Family Services	Multidisciplinary Assessment Team (MAT) System	Web-based Multidisciplinary Assessment Team (MAT) Tracking system, uses data from our CWS/CMS Datamartk, that will: populate the MAT referral allow data entry into the tracking system include screening of assessments re record community service provider agency assignments log key dates and produce management reports.	In-house development	< 100	ISD/Downey		< $50,000		Medium	Department Mission/Service Delivery
Children and Family Services	MYCSW	MyCSW provides a personalized home page for the CSW to organize and monitor unit activities. It will provide a high level hierarchal view of their workers caseload information.	Vendor custom development	> 500	ISD/Downey	2005			Medium	
Children and Family Services	NEXT AVAILABLE CSW	CWS Case/Referral Equity and Staffing Control System.	In-house development	> 500	ISD/Downey	2005			Medium	Human Resource Services/Management
Children and Family Services	P3 Activity and Progress Report Tracking System	This system allows P3 staff to monitor their caseload, input data regarding progress towards permanency and track permanency outcomes.	In-house development	< 100	ISD/Downey	2012	< $50,000		Medium	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Children and Family Services	Photo ID Tracking System (APEX)	The Photo ID Tracking System is an APEX application developed for the DCFS HR Section to track the appointments and scheduling of employees requests for a new DCFS Photo ID badges. The applicaton will provide reports to the HR supervisors to determine staffing coverage, workload, as well as help them to identify HR Staff performance issues.	In-house development	> 500	ISD/Downey		< $50,000		Medium	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Children and Family Services	Probation Wraparound Cost Report	This project is a collaboration between DCFS and Probation Department to monitor cost of Probation Children in Foster Care who are also receiving Wraparound Services.	In-house development	> 500	ISD/Downey	2005	< $50,000		Medium	Department Mission/Service Delivery

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Children and Family Services	Psychiatric Hospitalization Tracking System	Psychiatric Hospitalization Tracking System monitors and tracks mental health outcomes for children DCFS serve. Deputy Directors may assess the Department's need for programs appropriate to meet the needs of children with intense mental and behavioral health needs. Regional Administrators may compare their offices to other offices in terms of length of stay and the number of children hospitalized served by their offices. They may use this information to work with their District Chief at DMH to further refine the delivery of services to the mentally ill children in the Region. ARAs, SCSWs, and CSWs can use the information to better track specific cases within their offices.	In-house development	< 100	ISD/Downey	2013	< $50,000	<100,000 transactions	Medium	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Children and Family Services	RAVS	System locate law enforcement agency jurisdiction.	In-house development	> 500	ISD/Downey	2006		0		
Children and Family Services	Shelter Care Court Transportation	Provide regional CSWs and clerical staff the ability to enter on-line requests for Shelter Care Transportation to and from the Juvenile Court when children are required to appear in court.	In-house development	100 - 500	ISD/Downey	2005	< $50,000		Medium	
Children and Family Services	Sheltercare Web System	System tracks and manages the operation of the Shelter Care Unit within the Children's Court. Tracks and assigns transportation, court assignments, court hearing/results, visitations.	In-house development	100 - 500	ISD/Downey	2005	< $50,000		Medium	Department Mission/Service Delivery
Children and Family Services	Staffing Projection System	A system that provides Human Resource data, such as new hires and employee transfers, to office managers, which enables them to project staffing needs for the Department.	In-house development	100 - 500	Department	2004	< $50,000	<100,000 transactions	Medium	
Children and Family Services	Structured Decision Making System (SDM)	Structured Decision Making System is to reduce the subsquent maltreatment of children and thereby achieve the Department's mission to provide a comprehensive child protection system of prevention, preservation and permanency.	Vendor custom development	> 500	Contractor Site	2006	< $50,000	<100,000 transactions	0	Human Resource Services/Management
Children and Family Services	Student Information Tracking System	Student Information Tracking System is a web based application. The system is designed to display student academic records for all DCFS children with open CWS/CMS case. The system currently displays academic data from Los Angeles Unified School District (LAUSD) only. The website also provides the ability to download DCFS children data for authorized users only.	In-house development	> 500	ISD/Downey	2012	< $50,000		0	
Children and Family Services	Team Decision Meeting (TDM)	Captures data on Team Decision Meetings performed and generates reports for DCFS regional offices, DCFS Management and Family to Family Casey Foundation. TDM is a collaborative meeting process designed to produce the best decision concerning a child's safety and placement through joint contributions of family members, community partners, service providers and caregivers.	In-house development	100 - 500	ISD/Downey	2005	< $50,000	<100,000 transactions	Low	
Children and Family Services	The SITE	Caseload and workload management reporting web-site provides operatonal support.	In-house development	> 500	Department	2004	< $50,000		High	Department Mission/Service Delivery
Children and Family Services	Time Study Claiming System	Allows input of timestudy information for selected departmental staff. Produces monthly/quaterly timestudy information for submission to State.	In-house development	> 500	ISD/Downey	2005	< $50,000		Low	
Children and Family Services	Up-Front Assessment	Upfront Assessment records are views of data from DCFS Oracle database of CWS/CMS data. Upfront Assessment, agency-assignment and agency billing invoice and emergency fund data are produced and retained in the DCFS Oracle database. No Upfront Assessment data is exported to another agency.	In-house development	> 500	Department	2006	< $50,000		Low	
Children and Family Services	Vital Records Request Tracking System	Vital Records Request Tracking System is an APEX application. The system is designed for the Revenue Enhancement Vital Records Unit to track the processing of each vital records request. The system also provides a process information of a vital records request on the LAKids for DCFS worker to check a status of their request.	In-house development	< 100	ISD/Downey	2011	< $50,000		High	Office and Productivity Services/Management
Children and Family Services	Warrant Tracking Systen	Warrant Tracking System is a web based application. The system is designed for the IDC/ERCP Warrant Liaison staff and County Counsel to use to track all warrant requests, warrants, and their outcomes. The system also allows workers to create a consult request in CWS/CMS and log on to the warrant tracking application to check a status of their request.	In-house development	> 500	ISD/Downey	2013			High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Children and Family Services	Welfare Case Management Information System (new web application)	The new WCMIS web-based system replaced the original Unisys Mainframe system formerly owned by the Department of Public Social Services (DPSS). The original WCMIS will be retired soon. This new WCMIS Web System is now owned by the Department of Children and Family Services (DCFS). Pimary use of the WCMIS system continues to be for generating new State IDs (Case Numbers), reactivating former State IDs/Cases, and maintaining an index of State ID and Person Numbers. The State ID and Person Numbers will continue to be used as DCFS' primary family group and person identifier utilized in DCFS' systems and the Child Welfare Services/Case Management System (CWS/CMS). DCFS will continue to maintain all information carried over from the former WCMIS which includes historical and current child and family information as well as historical DPSS case data prior to 1996, when DPSS replaced use of WCMIS with the implementation of the LEADER System. DCFS will continue to provide accessibility to other LA County Departments that have a need for accessing child and family case status and information and generating State IDs. Currently other LA County Departments that have a need for accessing WCMIS and generating State IDs are DPSS In-Home Supportive Services Program (IHSS) and Community and Senior Services. The Child Support Services Department (CSSD) and Treasurer and Tax Collector (TTC) will continue to access the new WCMIS for making inquiries.	Vendor custom development		Contractor Site	2014			Medium	Technology Services/Management
Children and Family Services	Workforce Management System	To optimize staffing schedules and ensure proper agent support at the Hotline.	In-house development	100 - 500	ISD/Downey	2010	< $50,000		High	Department Mission/Service Delivery
Children and Family Services	WRAPAROUND	Wrap Around programs service children of the DCFS, Probation Department and Department of Mental Health (DMH). The system circulates monthly foster payment cost and wraparound cost per agency.	In-house development	100 - 500	Department	2004	< $50,000		Medium	Department Mission/Service Delivery
Community and Senior Services	Asset Manager	Manage all controlled assets, through the use of integrated portable devices and web enabled on-line interfaces.	COTS	< 100	Department	2008	< $50,000		High	Accounting/Finance
Community and Senior Services	California Workforce Service Network (CWSN) - WIA	CWSN tracks and manages CSS clients within the Workforce Investment Act (WIA) program. The system monitors the clients progress through the program which includes skill assessment, placement and follow-up. It also includes the CalJobs database to help match clients to employment opportunities. This system is hosed and supported by Geographic Solutions, Inc. on behalf of the State of California, Employment Development Department (EDD).	COTS	100 - 500	Contractor Site	2014			Medium	Technology Services/Management
Community and Senior Services	CARTS	CSS Assignment Reporting and Tracking. Tracks and manages assignments and approvals through the organizational hierarchy, with document exhibits.	In-house development	100 - 500	Department	2008		0		Technology Services/Management
Community and Senior Services	Contracts Management	Electronic Management of contracts between the CSS contracts, Contract Agencies and County Counsel. Automated management of deliverables and contract performance.	COTS	100 - 500	Department	2010		0		
Community and Senior Services	Cost Allocation	Automate the allocation SS and SEB to program units and cost pools for claiming and management. The system extracts data from Ecaps Financials, Ecaps Time Collection, CWPAY and the CSS Datawarehouse.	In-house development	< 100	Department	2008	< $50,000		Medium	
Community and Senior Services	Harmony APS	On-line Client/Case/Incident/Resolution tracking and workflow for the Adult Protective Services Program. This system is delivered as a Software as a Service (SaaS) model.	Software as a Service/Cloud/ASP	100 - 500	Contractor Site	2010	< $50,000	<100,000 transactions	Medium	Office and Productivity Services/Management
Community and Senior Services	RTZ GetCare - AAA	This system tracks and manages services and nutrition for the aging population of LA County who are clients of CSS. The system facilitates mandated program reporting to the State of California plus internal management reporting for CSS and its contract service providers. RTZ GetCare also transmits electronic invoices for contract providers based upon actual service delivery.	Software as a Service/Cloud/ASP	100 - 500	Contractor Site	2013	< $50,000		Medium	Performance Measurement/Reporting/QA/ Data Warehouse-Mining

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Community Development Commission	ASSET MANAGEMENT	MANAGE INSPECTION AND CONTRACT COMPLIANCE FOR HOUSING LOANS	Vendor custom development	< 100	Department	2006	< $50,000		High	Technology Services/Management
Community Development Commission	Board MIT Budget System	A system to prepare agencies annual budget.	Vendor custom development	100 - 500	Department	2009	< $50,000		Medium	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Community Development Commission	CDBG CONTRACTS	Generates CDBG Contracts with online approvals and electronic signatures.	In-house development	100 - 500	Department	2006	< $50,000		High	
Community Development Commission	CDBG ONLINE PARTNER PAGE	COMPREHENSIVE MONITORING AND TRACKING SYSTEM FOR CDBG PARTNER AGENCIES	In-house development	100 - 500	Department	2004	< $50,000		High	Department Mission/Service Delivery
Community Development Commission	CDBG SYSTEM	CONSOLIDATED ANNUAL PERFORMANCE EVALUATION REVIEW SYSTEM	In-house development	100 - 500	Department	1998	< $50,000		High	
Community Development Commission	CONFLICT-OF-INTEREST MONITORING SYSTEM	A system to store staff conflict of interest (COI) information and to automatically monitor any staff conflict of interest activity.	In-house development		Department	2008	< $50,000		High	
Community Development Commission	CONTOUR-HD&P	MORTGAGE LENDING, ORIGINATES AND CLOSES LOANS FOR VARIOUS PROGRAMS.	Vendor custom development		Department	1998 2004			High	
Community Development Commission	Employee Performance Management System (EPMS	Replace paper-based process for creating employee Performance Plans and annual evaluations with automated system that is integrated with the HRMS system and workflow to facilitate the flow of information entry and sharing from Supervisor to employee to HR.	In-house development	100 - 500	Department	2011	< $50,000		High	
Community Development Commission	FINANCIALS	Accounts Payable, Purchase Orders, General Ledger and Accounts Receiveable.	In-house development	100 - 500	Department	1999	< $50,000		High	
Community Development Commission	FRAUD CASE MANAGEMENT SYSTEM	Manage fraud cases in Section 8, public housing programs.	In-house development		Department	2005			High	Human Resource Services/Management
Community Development Commission	GRANTS TRACKING	A web-based system to track grants to the Commission. Tracks grant application process until awarded. Also tracks financial data for awarded grants with an interface to PeopleSoft financial system.	In-house development	100 - 500	Department	2007			High	
Community Development Commission	HOMELESS GRANT TRACKING SYSTEM	A CDBG web-based to track grants under homeless initiative.	In-house development		Department	2008	< $50,000		High	
Community Development Commission	HRMS	Human Resources, Base Benefits, Payroll and Time and Labor management system.	COTS highly customized		Department	1998	< $50,000		Medium	
Community Development Commission	LASERFICHE-IMAGING	EDMS USED FOR OCR/DATA CAPTURING, DOCUMENT MANAGING, WORKFLOW AND RECORDS MANAGEMENT.	Vendor custom development	100 - 500	Department	2001	< $50,000		Medium	
Community Development Commission	LSSI-FM	LOAN MANAGEMENT RECEIVABLES, BILLING, PAYMENT PROCCESSING, STATEMENTS AND COLLECTIONS.	Vendor custom development		Department	1998 2009			High	Human Resource Services/Management
Community Development Commission	ONLINE ABSENCE MANAGEMENT	Online leave request and approval system. In full production	In-house development		Department	2007 2011			High	
Community Development Commission	ONLINE SOLICITATION	A system to manage the commission's solicitations, vendor information. Also availavle to vendors to be able to download bids etc.	Vendor custom development		Department	2005	< $50,000		High	

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Community Development Commission	ONLINE WAITLIST SYSTEM	A system for public to apply for Section 8 or Public Housing Assistance.	In-house development	100 - 500	Department	2003	< $50,000		Medium	
Community Development Commission	Personnel Activity Reporting System (PARS)	Web-based system for entry and tracking details for staff time on tasks and for reporting back details to the line divisions for work accomplished. Integration with PeopleSoft system for journal entries to account for all IT staff time.	In-house development	< 100	Department	2007	< $50,000		High	
Community Development Commission	Resident Services Program Tracking (RSPT) System	Replaced paper-based system of files, case notes and spreadsheets for tracking the services provided by the Resident Services Unit (within the Housing Management Division). With an easier method for capturing information and more detail regarding teh metrics, this system should provide information not only to manage the program but to also provide illustrations to enhance proposals for funding.	Vendor custom development	100 - 500	Department	2011	< $50,000		High	Department Mission/Service Delivery
Community Development Commission	TABLET PC INSPECTIONS SYSTEM	A tablet pc based system to conduct housing quality standards (hqs). property inspections for section 8 rental properties.

the system was modified in 2011 to enable similar inspections done by the housing management (public housing) division. | In-house development | < 100 | Department | 2007 | | | High | Human Resource Services/Management |
Community Development Commission	TRACKER-CM/HDP	Helpdesk application for tracking desktop support and facility requests.	Vendor custom development	100 - 500	Department	2000			Medium	Department Mission/Service Delivery
Community Development Commission	TRACK-IT	Housing Development, Community Business Revitalization and related projects.	Vendor custom development		Department	2000	< $50,000		High	Department Mission/Service Delivery
Community Development Commission	TRAFFIC VIOLATOR SCHOOL MONITORING	Provide a web-based system for the TVSM Unit to monitor traffic school programs as mandated by LA County Superior Court.	In-house development		Department	1998 2007	$50,000 - $100,000		High	
Community Development Commission	YARDI VOYAGER	Web-based property management software for housing choice vouchers, low-rent public housing, project-based leased housing, and other subsidized programs with 50058 and 50059 reporting to HUD.	COTS highly customized	100 - 500	Department	2007 2009	< $50,000		High	
Community Development Commission	Architectural Engineering Divisions' (AED) Contract Database	The comprehensive contract database enbles project managers to track and monitor the active list of contracts for professional services and building projects.	In-house development	< 100	Department	2011	< $50,000		High	
Consumer and Small Business Affairs	eComplaints Online Intake and Case Management Database	The eComplaints online system was developed to replace the obsolete Access Complaints databases. It provides online complaint intake from the public. It also provides improved case management, tracking, and reporting for DCA staff. The system was developed and is maintained by ISD.
In 2013 we compelted the process of replacing all of the department's programatic case management database with eComplaints.	In-house development	100 - 500	ISD/Downey	2011	> $1,000,000		High	
Consumer and Small Business Affairs	ELDER FINANCIAL ABUSE PREVENTION SERVICES (EFAPS)	Adult Protective Services case management and tracking database.
This is a component of Department's primary Complaints Database, but was broken off in from the bulk of the Complaints database into a seperate file in January 2011 to protect it from data corruption problems.
All new cases now go into the eComplaints system starting in 2013. The database will be retired when all current cases have been closed.	In-house development	< 100	ISD/Downey	2001	< $50,000		Medium	Procurement/Supply Chain Services/Management
County Counsel	Capital/Non-Capital Asset System	This system was internally developed and to track both capital and non-capital assets.	In-house development		Department	2002	< $50,000		High	Department Mission/Service Delivery
County Counsel	Compulaw	Third Party rules based legal case calendaring system that integrates with MS Outlook.	Vendor custom development	100 - 500	Department	2008	$50,000 - $100,000		High	Department Mission/Service Delivery
County Counsel	Document Management System (Autonomy)	This application stores, indexes, searches and manages all documents created by County Counsel staff.	Vendor custom development	100 - 500	Department	2000	< $50,000		Medium	Technology Services/Management

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
County Counsel	ETS (Examination Tracking System)	Tracks exams and applicants for County Counsel's Human Resources Section.	In-house development	< 100	Department	2006	< $50,000		High	Technology Services/Management
County Counsel	HelpDesk	The HelpDesk system is an internally developed ticketing system that tracks IT related service requests. The system provides management with a tool to track, monitor and evaluate the internal systems, user feedback, and staff performance.	In-house development	100 - 500	Department	2007	< $50,000		Medium	Office and Productivity Services/Management
County Counsel	ID System	Human Resources Employee Photo Identification system used for creating photo identification cards with signatures for staff.	In-house development	< 100	Department	2007	$100,000 - $350,000		High	Human Resource Services/Management
County Counsel	Matter Management and E-Billing - CT Tymetrix	Matter management and e-billing system to replace RMIS.	Vendor custom development	100 - 500	Contractor Site	2011		0		Technology Services/Management
County Counsel	Procurement Tracking Log	Tracks and monitors procurement purchases internally.	In-house development	< 100	Department	2010	< $50,000		High	
County Counsel	Risk Management Information System (RMIS)	As joint program director with the CEO, the Risk Management Information System (RMIS) is a database used by County Counsel for time billing, matter management, claims and payment processing, report generating and various other financial and risk management functions. Both County Counsel and the CEO are both responsible for maintenance/upgrades by approving and executing work orders. The system is hosted by ISD and work is executed by the contract company RTI.	Vendor custom development	> 500	ISD/Downey	2003	< $50,000		Medium	Technology Services/Management
County Counsel	Simple Notice Application Program (SNAP)	Simple Notice Application (SNAP) assists attorneys and DCFS social workers by automatically generating and processing notices for dependency court hearings throughout Los Angeles County.	In-house development	> 500	Department	2003	< $50,000		Low	Human Resource Services/Management
County Counsel	Subpoena System	Assists attorneys in creating and delivering subpoenas for Dependency Division and Department of Children and Family Services.	In-house development	100 - 500	Department	2006	< $50,000		Medium	Technology Services/Management
District Attorney	Appeals (NOTES)	Tracking system for Appellate cases	In-house development	< 100	Department	1994	< $50,000	<100,000 transactions	High	
District Attorney	Asset Forfeiture/BAS	Tracks forfeiture cases and accounting	In-house development	< 100	Department		< $50,000	<100,000 transactions	Medium	Accounting/Finance
District Attorney	Automated Records Management System (ARMS)	Provides tracking of cases for department's Bureau of Investigation generates and routes electronic investigation reports.	In-house development	100 - 500	Department	2009	$100,000 - $350,000	<100,000 transactions	Medium	Department Mission/Service Delivery
District Attorney	Certify Prior (NOTES)	Track certification requests for prior convictions.	In-house development	100 - 500	Department	1994	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
District Attorney	Child Abduction (NOTES)	Tracks filed child abduction cases	In-house development	< 100	Department		< $50,000	<100,000 transactions	Medium	
District Attorney	Consolidated Personnel System	Personnel information system to provide department-specific reporting not covered through eHR	In-house development	100 - 500	Department	1997	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
District Attorney	DA Records Tracking System	Physical case tracking and inventory system with an interface to PIMS. Used for organization and retrieval of archived files as well as preparation for scanning.	In-house development	< 100	Department	2005	$50,000 - $100,000	100,000 to 1 million transactions	Medium	Office and Productivity Services/Management
District Attorney	Performance Evaluations and Review System for Attorneys (PERSA)	This system allows raters to input attorney performance information and generate performance evaluations from the input data using office-specific rules.	In-house development	100 - 500	Department	2008	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
District Attorney	PIMS Web Inquiry	A web based inquiry system of PIMS data used by both non-DA and DA staff.	Vendor custom development	> 500	Department	1996 2005	$50,000 - $100,000	100,000 to 1 million transactions	Medium	
District Attorney	Prosecutors Information Management System (Adult)	Case management system for criminal adult prosecutions. Used for court document preparation, case tracking, calendaring, and statistical reporting.	Vendor custom development	> 500	ISD/Downey	1995 2003	$700,000 - $1,000,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
District Attorney	Prosecutors Information Management System (Juvenile)	Case management system for juvenile prosecution cases	Vendor custom development	> 500	ISD/Downey	1993 2003	$100,000 - $350,000	<100,000 transactions	High	Department Mission/Service Delivery
District Attorney	Victim/Witness (NOTES)	Case tracking for victims of crimes	In-house development	100 - 500	Department	1994	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Executive Office of the Board	Assessment Appeals - Administration	This system supports the Assessment Appeals Process. Appeals applications are entered into the system, verified, scheduled for hearings and Final Action. The application tracks approximately 40K cases and 60K parcels per filing year. The database includes basic information such as applicant name, address and property address and opinion value. The application is capable of gnerating various reports, such as schedule agenda, final action noticies, invalid notices just to name a few.	COTS highly customized	< 100	Department	2010			0	Department Mission/Service Delivery
Executive Office of the Board	Assessment Appeals - OnLine	This system supports the Assessment Appeals Process. Appeals applications are entered OnLine by Tax Payers or Agents into the system and then transfer to the Assessment Appeals - Administration application for AAB staff to process.	In-house development	> 500	Department	2010	< $50,000		Medium	Procurement/Supply Chain Services/Management
Executive Office of the Board	Board Letter Submital Administration	This system is used to process weekly Board letters (and supporting documents) to prepare the weekly agenda for Board Operation.	COTS highly customized	< 100	Department	2009	< $50,000		High	Office and Productivity Services/Management
Executive Office of the Board	Board Letter Submittal - Online	This system is used to submit weekly Board letters (and supporting documents) to prepare the weekly agenda for Board Operation.	COTS highly customized	100 - 500	Department	2009	$50,000 - $100,000		Medium	Office and Productivity Services/Management
Executive Office of the Board	CEO Budget System	This system supports the CEO Office during the budget season. CEO Office receives Budget Packages from county departments and are entered into the system, verified and scheduled for hearings with Budget Manager and CEO Executive Officer.	In-house development	< 100	Department	2011	< $50,000		Medium	Office and Productivity Services/Management
Executive Office of the Board	Children Special Investigation Unit	CSIU - System tracks cases referred by Children Services.	COTS highly customized	< 100	Department	2010	$100,000 - $350,000		Medium	Department Mission/Service Delivery
Executive Office of the Board	Codemaster	This is a third party system that maintains the County Code for WEB and Print applications. http://library.municode.com/index.aspx?clientId=16274 The codemaster database facilitates the generation of ordnances to be prepared by County Counsel, by downloading a master file for their use. The database tracks the code sections to be amended, added and/or deleted, to prevent simultaneous updates by different County Counsel attorneys. The database also serves as the master file for the County Code, and is capable of generating reports such as pending ordnances and specific code sections for certification. Application use by Board Operations.	Vendor custom development	> 500	Department	2011	$50,000 - $100,000		High	Department Mission/Service Delivery
Executive Office of the Board	Commission Services Mailing List	This system maintains mailing lists of Commissions and their subcommittess.	COTS highly customized	< 100	Department	2002 2012	$50,000 - $100,000		High	Department Mission/Service Delivery
Executive Office of the Board	Committee Book	Tracks the members of approximately 291 Committees/Commission/Boards. The data base includes basic information such as member name, address, phone numbers as well as that of the commission contract person, titles of members, term expiration date, date of (re)appointment, and nominee. Database is capable of generating various reports, such as nomination/appointment letters, terms expiring, vacant positions, gender balance and attendance forms, just to name a few.	COTS highly customized	< 100	Department	2012	$100,000 - $350,000		High	Technology Services/Management

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Executive Office of the Board	Committee Book - Web Application	Tracks the members of approximately 291 Committees/Commission/Boards. The data base includes basic information such as member name, address, phone numbers as well as that of the commission contract person, titles of members, term expiration date, date of (re)appointment, and nominee. The Web application primary users are the Board Offices and the primary/secondary contact of each committee/commission.	In-house development	< 100	Department	2012	$100,000 - $350,000		High	Department Mission/Service Delivery
Executive Office of the Board	Conflict Of Interest - Administration	Conflict of Interest - Tracks local goverment officials and employees Statements of Economic Interests.	COTS highly customized	< 100	Department	2010	< $50,000		High	Technology Services/Management
Executive Office of the Board	Conflict Of Interest - Web Application	Web front end for conflict of interest form 700 electronic filing.	In-house development	> 500	Department	2009			Medium	Human Resource Services/Management
Executive Office of the Board	Constituent Tracking	System for use of the Board Offices and Civil Service for tracking constituent contacts.	COTS highly customized	100 - 500	Department	2008	< $50,000		High	Accounting/Finance
Executive Office of the Board	County Equity Oversight Panel - Administration	The system supports the County Equity Oversight Panel (Intake Unit/DHR/CEOP) to track complaints within the county family. Complaints are entered into the system via OnLine/Phone/Paper, verified and scheduled for hearings as needed.	COTS highly customized	< 100	Department	2011	$100,000 - $350,000		0	Department Mission/Service Delivery
Executive Office of the Board	County Equity Oversight Panel - Online Web App	This system supports the County Equity Oversight Panel Process. The online web application is used by county employees to provide the minimun information to start a complaint investigation.	In-house development	> 500	Department	2011	$50,000 - $100,000		High	Office and Productivity Services/Management
Executive Office of the Board	Digital Photo System	This system is used to produce ID Badges from computer driven database. Badge information such as name, department and pictures are Printed on hard plastic cards.	COTS	< 100	Department	2003	< $50,000		0	Technology Services/Management
Executive Office of the Board	eCaps Financial		Vendor custom development	< 100	ISD/Downey	2010	$100,000 - $350,000		High	
Executive Office of the Board	EventPro Planner	EventPro Planner delivers features foranning events: meetings, conferences, tradeshows, etc. for different Commission/Committees	COTS	< 100	Department	2010	$50,000 - $100,000		High	Technology Services/Management
Executive Office of the Board	Exam Tracking	This system tracks the Personnel functions involved with posting lists and selecting eligible candidates.	Vendor custom development	< 100	Department	2000 2011	$700,000 - $1,000,000		High	Office and Productivity Services/Management
Executive Office of the Board	FootPrints	Footprints - Web-based ticket support system track and organize customer support issues (tickets) by department and by urgency.	COTS highly customized	> 500	Department	2011	< $50,000		Medium	Technology Services/Management
Executive Office of the Board	GOLDMINE	The primary usage for this system is reporting and tracking constituent calls in the various Board Offices, Civil Service Commission and Board Operations.	COTS highly customized	< 100	Department	1996 2014	$100,000 - $350,000		High	Technology Services/Management
Executive Office of the Board	Held Items/Kiosk	Application allows members of the public to view or sign up to speak on the different Agenda Items for the weekly meeting. It provides different views to Board Ops, Chair and county departmens to view what members of the public are interested on.	In-house development	100 - 500	Department	2009 2014	$350,000 - $700,000		High	Technology Services/Management
Executive Office of the Board	Legistar	Legistar is used to generate and facilitate the posting to the web the Agenda, Supplemental Agenda and Statement of Proceedings. The system tracks the status of items and organizes the supporting documents related to those items 1/10/2012 - FYI - on Jun/July 2011 Daystar was acquired by Granicus.	COTS highly customized	< 100	Department	2001 2013	< $50,000		Medium	Procurement/Supply Chain Services/Management
Executive Office of the Board	Lobbyist Registration	This system is used to organize all aspects of Lobbyist Registration as mandated by the State. Note: A public web application (Lobbyist Online) is dependent on Lobbyist CRM.	COTS highly customized	< 100	Department	2000	< $50,000		Medium	Department Mission/Service Delivery

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Executive Office of the Board	Lobbyist Registration - Web Application	This system is used to organize all aspects of Lobbyist Registration as mandated by the State. The responsible officers/and or Lobbyist are the primary users for the web application. The application tracks Lobbyists(Firms/Employers/Individual Lobbyists) wich includes basic information such as lobbyist name, address, phone numbers and various dates as well as quarterly reporting and associated lobbyists. Note: The Lobbyist Web App interacts with FIS for registration,renewal and late fee payments.	In-house development	100 - 500	ISD/Downey	2013 2014	$50,000 - $100,000		High	Department Mission/Service Delivery
Executive Office of the Board	Mail List	This system tracks elected officials and is used for mailings.	COTS highly customized	< 100	Department	1999 2013	< $50,000		High	Human Resource Services/Management
Executive Office of the Board	Personnel Action Request Program	System for electronically creating and tracking Personnel action request.	COTS highly customized	< 100	Department	2009 2015	< $50,000		Low	Technology Services/Management
Executive Office of the Board	Photo and Plaque Tracking	This system organizes requests for Photo's, Plaques, and Scrolls submitted to the Board of Supervisors. Requests are tracked by CEO staff.	COTS highly customized	100 - 500	Department	2005	< $50,000		Medium	Human Resource Services/Management
Executive Office of the Board	Report Tracking	This system is used to track reports requested by the Board of Supervisors during regularly scheduled meetings. Tracks all Board Ordered requested Reports. Within this database is a list of all Department Heads and their designees. This database allows automatic notification to departments of reminders and delinquent notifications.	COTS highly customized	< 100	Department	1996 2013	$100,000 - $350,000		High	Department Mission/Service Delivery
Executive Office of the Board	Scroll Request Tracking	Board Offices and the Chief Executive Office use this system to track requests and production of Scrolls. The application tracks requests made by the different board offices. The database includes basic information such as scroll type (size), names and dates. The application is capable of generating various reports, such as outstanding scrolls, scroll assignment, scroll due date. Application is used by CEO.	COTS highly customized	100 - 500	Department	2005	< $50,000		Low	Procurement/Supply Chain Services/Management
Executive Office of the Board	TEMPS - Fiscal	This system is used by the Executive Office to track temporary worker contracts.	Vendor custom development	< 100	Department	1996 2007	< $50,000		High	Department Mission/Service Delivery
Executive Office of the Board	Web Content Management	Web Content Management Platform for building web sites and web applications on Microsoft. BOS utilizes DotNetNuke to quickly develop and deploy interactive and dynamic web sites and web applications.	Vendor custom development	< 100	ISD/Downey	2010 2015	$50,000 - $100,000	<100,000 transactions	High	Department Mission/Service Delivery
Executive Office of the Board	Zone Tracking	This system tracks zoning changes for unincorporated areas of Los Angeles County. Tracks all land use, subdivision and zoning projects. System tracks the following information and generates a notice of Public Hearing, Affidavit of Mailing, Master Calendar Posting (memo to Board), Letter to Applicant, motion sheet (yellow), appeal forms, monthly reminder memo to Supervisors, future hearings list, pending project, and zone district reports.	COTS highly customized	< 100	Department	1995 2014	< $50,000		High	Department Mission/Service Delivery
Fire	911 Dispatch (CAD)	Provides emergency dispatch of departmental resources in response to 911 calls. In FY 10-11 the CAD system was migrated to the Integrity operating system. Benefits include a more current environment that the vendor can easily support.	COTS highly customized	100 - 500	Department	1989 2011	$350,000 - $700,000		High	
Fire	Accident Tracking System (Risk Management)	This is a MS Access 2003 application that tracks all accidents involved with department vehicles. It captures detail information of the accident such as personnel involved, vehicle involved, Date/time, injuries, locations, witness, and repair cost.	In-house development	< 100	Department	2000	< $50,000		High	Human Resource Services/Management
Fire	Achievement History Tracking System	This is a MS Access 2003 application that tracks all Certification, Special Trainings/Educations, Military Experiences earned by all sworn personnel. It also tracks the award and experation date of the certificaiton.	In-house development	< 100	Department	2000	< $50,000		Medium	Human Resource Services/Management

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Fire	Alpha Roster and FD10	The Alpha Roster is a web-base application that tracks confidential personnel records. Access rights is governed by Human Resources Personnel Officer and only authorized Fire personnel can view or print the information. FD10 is a module within the application that allows Human Resources personnel to track performance evaluation employee checklist and print reports dynamically by certifications, by titels to ensure all emergency contact information are up-to-date.	Vendor custom development	< 100	Department	2009	< $50,000		Medium	Human Resource Services/Management
Fire	AUTOMATIC VEHICLE LOCATOR (AVL)	This application facilitates resource management when emergency responders are responding to incidents. Application provides the District's Central Dispatch and Incident Command Centers with the geographic visuals, including street maps and aerial imagery. This feature facilitates the tracking and assigning of resources.	COTS highly customized	> 500	Department	2010	$100,000 - $350,000	> 1 million transactions	Medium	Department Mission/Service Delivery
Fire	Badge Tracking System	Badge Tracking System is a web based application that allows the user to track the status of badges issued to sworn personnel. It tracks badges that are issued, returned, lost, stolen or misplaced and date associated with the status of the badges. The application rules adhere to the county code related to issuing badges. Additional business rules are being identified and will be implemented as needed.	In-house development	< 100	Department	2006	< $50,000		Medium	Office and Productivity Services/Management
Fire	Brush Clearance Application	The purpose of the application is to provide the Brush Clearance Office a mechanism to monitor the inspection and weed-abatement status of the "Declared" properties and "Undeclared" properties. Declared properties are those that the Board has knowledge of and are usually properties where the improvement value is greater than zero. Fire works with the Dept of Ag--they are responsible for the Undeclared properties which are usually undeveloped land and the Board does not require notification. Database is updated annually with Assessor data, extracted and prepared by ISD.	In-house development	< 100	Department	2004	< $50,000		High	Office and Productivity Services/Management
Fire	Coastal Monitoring Network (Watch the Water)	The web-based application creates a portal for the public to view current beach and weather conditions through cameras and weather stations located along the 72 mile Los Angeles coastline. The information is additionally used by the National Oceanic and Atmospheric Administration (NOAA) to provide the nation with daily weather forecast and conditions. They also use the data for historical purposes used by scientist in weather research projects. Many of the Lifeguard Station are considered national reporting stations.	COTS highly customized	> 500	Department	2002	< $50,000	100,000 to 1 million transactions	Low	Department Mission/Service Delivery
Fire	Construction & Material Application	The application stores data related to the request, assignment and resolution of request for services to Department maintained facilities.	In-house development	< 100	Department	2003	< $50,000		Medium	Procurement/Supply Chain Services/Management
Fire	eCAPS Inventory Control Systems	The eCAPS Inventory Control module is part of the Countywide eCAPS enterprise solution for financials and procurement and human resource business processes. The Inventory Control System facilitates the control and distribution of 1,500 warehouse items used by the Fire Department. The support and maintenance are provided by ISD, and the Auditor Controller is the primary owner. In FY 2013-14 the Department continues to research the use of the SRQN which will allow the stations to submit stock orders, provide work flow approval and reduce the amount of data entry currently required of warehouse staff.	COTS highly customized	> 500	ISD/Downey	2005	$50,000 - $100,000	<100,000 transactions	Medium	Procurement/Supply Chain Services/Management

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Fire	ELECTRONIC TIMEKEEPING (ETKS)	Tracks daily attendance, employee approval, supervisor approval and work assignments. This application targeted for replacement when the implementation of the Automated Employee Scheduling System. However, AESS project for the Field was terminated 12/2011. In 2012 the application was modified to interface with the new County timekeeping/eHR system, an attestation statement was added, and new reports and process were implemented to mitigate the number of unapproved timesheets. Additional modification have been identified to improve the TIMEI interface to eHR. These changes are scheduled to be implemented with the 2nd quarter of 2014.	Vendor custom development	> 500	Department	1993 2011	< $50,000		High	Human Resource Services/Management
Fire	Emergency Medical Technician Certification Tracking System	The system tracks all Fire Department safety personnel mandatory Emergency Medical Technician (EMT) certification, required instructor lead continuing education hours, and skills testing results. It also tracks Emergency Medical Technician Paramedic (EMT-P) Licenses. The system produces reports required by the state of California on all EMT and EMT-P certified department personnel.	In-house development	< 100	Department	2008	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
Fire	Employee Quick Scan (EQS)	The system tracks the assignment and work location history for Operations staff. This information is needed when sworn staff are applying for higher positions and the current assignment/work location assist in the staffing process.	In-house development	< 100	Department	1998	< $50,000		Medium	Human Resource Services/Management
Fire	Employee Relations	This data storage and retrieval system tracks incidents involving LACOFD employees, including performance management, advocate case, grievance, investigations and litigation. Some features are being migrated to the county wide Performance Management Tracking System.	In-house development	< 100	Department	1999	< $50,000		High	Human Resource Services/Management
Fire	EMS Data/ Scanning System	Tracks Departmental EMS data by combining information from scanned forms and the Department's Record Management System (NFIRS). Exports pertinent information to DHS on a monthly basis.	COTS	100 - 500	Department	2001 2010	$50,000 - $100,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Fire	ENVISION	Tracks approx. 30,000 businesses and/or facilities to administer and enforce Cal-EPA environmental programs. Also has an accounts receivable module that facilitates the invoicing and eventual revenue. The vendor is required to ensure software is aligned with all Cal-EPA reporting requirements.	COTS	100 - 500	Department	2001 2014	$100,000 - $350,000	100,000 to 1 million transactions	High	
Fire	Field Incident Reporting (FIRS)	Currently used for Non-Incident Related Information Tracking, CATF-2 Deployment, etc. In FY 10-11 the Department completed the migration the newly abandoned hardware made available after the 9-1-1 CAD system move to the Integrity platform was completed. The project consisted of code migration, hardware and software upgrades, interface configurations and numerous report and program modifications. This move to newer Hewlett Packard (HP) hardware has provided the Department with an additional safety net as the older Digital Equipment Corporation (DEC) hardware was no longer supported and refurbished parts were increasingly difficult to locate.	Vendor custom development	100 - 500	Department	1991 2010	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Fire	Fireview Dashboard	GIS Dashboard for incident and apparatus analysis.	Vendor custom development	100 - 500	Department	2013	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Fire	Fitness For Life Continue Education (FFL-CE) Online Testing Center	The is a web-based testing center that allows Fire personnel to take the Fitness For Life Continue Education Test at the station or at home. It tracks the Fire personnel's testing record and produce a report to allow authorized personnel to approve or denied Fitness Bonus based on the requirements met.	COTS highly customized	> 500	ISD/Downey	2006	< $50,000		High	Human Resource Services/Management

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Fire	Fitness For Life Medical Tracking System	FFL Medical Tracking System tracks medical results of the Fire and Lifeguard personnel that receive Fitness For Life Bonus based on birth month. The system produce a report for Payroll personnel to conduct audit of appropration of bonus. When the department moves their public website, this application will also need to be migrated. This is scheduled for the first quarter of 2014.	In-house development	< 100	Department	2006	< $50,000		High	Human Resource Services/Management
Fire	Fleet Asset Management	Fleet Asset Management (Fleet Maximo) allows for the management of Fire Department's fleet assets. This includes 700 emergency vehicles, 1,000 non-emergency vehicles and 3,000 auto-related inventory parts. Fleet Maximo will automate preventative maintenance and repairs scheduling, warranty tracking, parts inventory and mileage reporting.	COTS	100 - 500	Department	2010 2012	$50,000 - $100,000	100,000 to 1 million transactions	Medium	Department Mission/Service Delivery
Fire	Form 484 - Annual Occupancy Inspection	This is a web base applicaiton allowing the Fire Prevention Division and Fire Stations to complete and track the Department's annual occupancy inspections (Form 484). It streamlines the distribution process and allows real-time access to Fire Prevention inspection information.	In-house development	100 - 500	Department	2010			Low	Office and Productivity Services/Management
Fire	Help Desk	The Fire Help Desk application provides the IT division the ability to record IT related requests for services, such as PC and printer repair and application support and provides the functionality to assign a ticket and track the resolution. Reporting capabilities help identify training issues and performance issues.	COTS	> 500	Department	2010 2012	< $50,000	<100,000 transactions	Medium	Technology Services/Management
Fire	Immunization and Exposure Tracking System	The system tracks all Fire Department personnel immunization, vaccination, and exposure records. This information is needed to ensure the health safety of all personnel and the public served. The system generates forms for personnel to receive additional treatment at clinics and hospitals. The system reports expiration vaccination status of field personnel. It also reports employees that need to have hospital follow up treatments due to exposures.	In-house development	< 100	Department	2012	< $50,000		High	Human Resource Services/Management
Fire	Inventory Management	BBMC FootPrints Asset Core delivers comprehensive, automated IT asset management enabling the discovery, configuration, management and security of IT end points. Control costs, maintain compliance and reduce IT vulnerability and financial risks. BMC FootPrints Asset Core delivers comprehensive, automated IT asset management enabling the discovery, configuration, management and security of IT end points. Control costs, maintain compliance and reduce IT vulnerability and financial risks. BMC Asset Core delivers comprehensive, automated IT asset management enabling the discovery, configuration, management and security of IT end points. Control costs, maintain compliance and reduces IT vulnerability and financial risks.	COTS highly customized	< 100	Department	2014	< $50,000		Medium	Office and Productivity Services/Management
Fire	Item Control	Tracks Departmental budgeted positions against actual filled positions. Produces custom reports that facilitate managements' decisions related to position allocation. Receives weekly data updates from the new County eHR system.	In-house development	< 100	Department	1993	< $50,000		Medium	Human Resource Services/Management
Fire	Junior Lifeguard Administrative System	The web-based application allows parents to enroll their children (ages 9 to 17) for the Los Angeles County Fire Department Junior Lifeguard Program. Existing participants are allowed to re-enroll through the system. New participants are randomly generated a swim test date and time for their children to qualify and register for an available beach site. Payments are not handled through the web-based application. All payments are handled directly to Los Angeles County Fire Department Financial Management Division. The system tracks all enrolled Junior Lifeguard participants' current information and history.	COTS highly customized	100 - 500	Department	2008	< $50,000		Medium	Human Resource Services/Management

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Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Fire	Lifeguard Admin System	The system tracks all Lifeguard personnel data, assigned work location, certifications, work history, and Ocean Lifeguard Seniority. This information is used to manage the seven hundred employees in the Lifeguard Division. The system allows the recurrent Ocean Lifeguard Staff to register for mandatory annual recertification training.	COTS highly customized	> 500	Department	1997	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
Fire	National Fire Incident Reporting (NFIRS)	Tracks Departmental Incident Response information. Receives basic dispatch data from the 911 CAD Dispatch system, allows captain/paramedics to update the record, stores data in a data warehouse, provides annual reports to the State has an almost realtime interface with the EMS Data/Scanning system.	COTS highly customized	> 500	Department	2001	$50,000 - $100,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Fire	Outside Employment	The application tracks all LACoFD employees who has secondary job outside of Fire Department.	In-house development	< 100	Department	2000	< $50,000		Medium	Human Resource Services/Management
Fire	Performance Evaluation Database	The PE Web Database is a web-enabled application that collects basic Performance Evaluation data. It includes one data entry screen with preview and save options, and a search/reporting screen. The application was developed to facilitate the business process of the Department's Human Resource Division.	In-house development	< 100	Department	2003	< $50,000		Medium	Human Resource Services/Management
Fire	Personnel	Tracks Departmental employees' personal, pay and work location information as provided by the County eHR system. Receives a weekly data update from the County eHR system.	In-house development	< 100	Department	2003	< $50,000		Medium	Human Resource Services/Management
Fire	Professional Performance Section (PPS)	This system maintains performance mangement cases of related to LACoFD employees. Some features are being migrated to the county wide Performance Management Tracking System.	In-house development	< 100	Department	2009	< $50,000		High	Human Resource Services/Management
Fire	Random Selection Application	The Random Selection Application (RSA) is a webbase application that computerizes the selection of Fire Fighter applicants for the Fire Fighter examination process. RSA randomly selects applications based on certain criteria that is input by the Personnel Officer	In-house development	< 100	Department	2009	$50,000 - $100,000		High	Human Resource Services/Management
Fire	Training and Certification (TACT)	Tracks Departmental employees training attendance, number of hours and resulting certification. This application was targeted to be replaced by the County-wide LNS, however, the LNS user interface and funtionality required by the customer appears to be a stumbling block.	Vendor custom development	> 500	Department	1995 2010	$50,000 - $100,000	<100,000 transactions	High	
Health Services	(CC) FootPrints Service Desk Software	Server is used to track all calls and incident requests that come in from DHS workforce members supported by the DHS Service Desk. FootPrints Software also provides database capability to manage Project Profiles, Requests for Change (Change Management), Enterprise License and Support Agreement Tracking and a number of other tracking and documentation functions.	COTS	100 - 500	Department	2007 2012	$50,000 - $100,000		High	Technology Services/Management
Health Services	(DAD) Encounter Summary Sheets (ESS)	ESS allow healthcare providers a county wide history of a patient's most important medical data. ESS includes diagnosis, procedures, visit history/frequency, appointments, medications, lab, and demographic data.	In-house development	> 500	Department	2007 2011	$100,000 - $350,000	> 1 million transactions	High	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Health Services	(DAD) Enterprise Data Repository	EDR is an enterprise-wide resource for information for clinical, administrative, and financial data. The EDR develops the platform for a standardized single point-of-truth for proposed web and non-web applications. FY 12/13 Update: Please note that the EDR will have been migrated to the newer Enterprise Patient Data Repository (EPDR) with an esitmated start date of July 1, 2013.	In-house development	> 500	Department	2005 2011	$700,000 - $1,000,000	> 1 million transactions	High	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Health Services	(DAD) Enterprise Patient Data Repository	Please see attached document titled "DHS Enterprise Patient Data Repository System Plan Nov 8 2012."	COTS highly customized	100 - 500	Department	2014	> $1,000,000	> 1 million transactions	High	Performance Measurement/Reporting/QA/ Data Warehouse-Mining

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Health Services	(DAD) Oracle SOA Integration Environment	For extracting, transforming, and loading of data among systems as the information is created, modified or distributed, DHS uses the e*Gate Integration software (or messaging-middleware and software) originally from SeeBeyond but was bought by Sun Microsystems and recently bought by Oracle. Before the Oracle purchase, Sun had announced the retirement of e*Gate in favor of Sun's JCAPS. Oracle now owns JCAPS and sells a competing product called SOA Suite. The long-term prognosis for JCAPS is that it is not expected to survive the Oracle purchase. DHS has chosen Oracle SOA Suite as the migration path from e*Gate and JCAPS.	COTS highly customized	< 100	Department	2014	$350,000 - $700,000	> 1 million transactions	High	Technology Services/Management
Health Services	(PointSec) MOBILE DEVICE ENCRYPTION TOOLS	File and Full Disk Encryption Software It's a tool that helps protect the vital data. Provides automatic security for all information on endpoint hard drives. Including user data, operating system files and temporary and erased files. The encryptions software encrypts the entire HD Sector by sector. Protects from unauthorized access when laptops are lost or stolen.	Vendor custom development	> 500	Department	2008	< $50,000		High	Department Mission/Service Delivery
Health Services	(SO) MARS CS-110 Syslog Correlation System	Cisco MARS is the department security event correlation engine. MARS provides the ability to view Firewalls, VPN and NIDS related events into one console, devices perform configuration change audits. To be retired by end of 2014	COTS	> 500	Department	2005 2014	$50,000 - $100,000		High	Technology Services/Management
Health Services	(SO) RSA Envision (SIEM)	RSA Envision is the department SIEM (Security Information and Event Management) correlation engine. - Enable real-time notification of high-risk events across physical, virtual, and hybrid IT environments. Turn raw log data into actionable intelligence - Simplify your compliance process with compliance-specific, out-of-the-box reports and alerts. Reduce time and effort by automating your compliance reporting. - Optimize incident management by leveraging enVision for real-time correlation and investigation of high-priority events and alerts. Spend more time remediating incidents and less time managing them.	COTS	100 - 500	Department	2006 2009	$50,000 - $100,000		High	Technology Services/Management
Health Services	(SO) RSA Envision (SIEM)	RSA Envision is the department SIEM (Security Information and Event Management) correlation engine. - Enable real-time notification of high-risk events across physical, virtual, and hybrid IT environments. Turn raw log data into actionable intelligence - Simplify your compliance process with compliance-specific, out-of-the-box reports and alerts. Reduce time and effort by automating your compliance reporting. - Optimize incident management by leveraging enVision for real-time correlation and investigation of high-priority events and alerts. Spend more time remediating incidents and less time managing them.	COTS	100 - 500	Department	2010 2011	< $50,000		High	Technology Services/Management
Health Services	(SO) RSA Token Authentication	RSA SecurID software provides secure 2-factor authentication to safely permit remote users to use VPN access into the DHS network and to capture audit trails that list who has been allowed entry.	COTS	100 - 500	Department	2010 2011	< $50,000		High	Technology Services/Management
Health Services	(SO) Safend Protector	Safend Protector enforces our security strategy. It blocks users from connecting to unauthorized devices or using unauthorized interfaces (including portable hot spots). When an action is authorized, it enforces encryption, automatically guiding the user through the right steps. It gives fine control over who does what. It logs every movement of data in and out of DHS and it can track and log offline activity on encrypted removable devices. Safend Protector it can identify and block USB and PS/2 hardware keyloggers.	COTS	> 500	Department	2010	$50,000 - $100,000		High	Office and Productivity Services/Management
Health Services	(SO) Symantec AntiVirus Reporter	This system is used for centralized monitoring and reporting of Symantec servers and clients.	COTS	100 - 500	Department	2006 2013	< $50,000		Medium	Technology Services/Management

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Health Services	(SO) Tipping Point Network Intrusion Prevention/Detection	NIPS are used to monitor, classify malicious traffic and protect the organization from worms, spyware, adware, network viruses and application abuse.	COTS highly customized	100 - 500	Department	2005 2014	$50,000 - $100,000		High	Technology Services/Management
Health Services	(TS) Acronis True Image	The application allows systems adminstrators to effectively and efficently create an exact duplicate of the system's configuration for testing and disaster recovery.	COTS	100 - 500	Department	2005 2011	$50,000 - $100,000		Medium	Technology Services/Management
Health Services	(TS) Avamar	Avamar will help the department to reduce daily backup data to 500x, backup times up to 10x, and total storage up to 50x. This EMC backup and recovery solutions will enable us to utilize data deduplication technologies and secure fast backup for our VmWare Environments.	COTS	> 500	Department	2011 2013	$700,000 - $1,000,000		High	Technology Services/Management
Health Services	(TS) Avocent Data Center Planner	This solution helps DHS simplify complex IT Data Center environments via integrated, centralized in-band and out- of band hardware and software.	COTS	< 100	Department	2012 2014	$50,000 - $100,000		Medium	
Health Services	(TS) Data Domain	Data Domain is a storage system implemented by DHS for next-generation backup, recovery, and archiving.	COTS	> 500	Department	2011 2013	$100,000 - $350,000		High	Technology Services/Management
Health Services	(TS) DHS Proxies	DHS Proxies allow employees to access the Internet	COTS	> 500	Department	2003 2012	$50,000 - $100,000		High	Technology Services/Management
Health Services	(TS) DHS Proxy Reporters	Generates Internet usage reports for auditing and proxy optimziation purposes	COTS	> 500	Department	2004 2012	< $50,000		High	Technology Services/Management
Health Services	(TS) EDC Patch Management	DHS Enterprise Data Center Patch systems	COTS	100 - 500	Department	2006 2011	< $50,000		High	Technology Services/Management
Health Services	(TS) EMC NetWorker	This application provides tape backup and recovery services.	COTS	100 - 500	Department	1998 2010	$50,000 - $100,000		High	Technology Services/Management
Health Services	(TS) Enterprise Storage Area Network	The enterprise SANS provides DHS hospitals with a centralized archival storage for Radiology, Cardiology, and other PACS images.	COTS highly customized	> 500	ISD/Downey	2006 2013	$350,000 - $700,000		High	Technology Services/Management
Health Services	(TS) File Sharing	The system is used for workforce members to store and share files.	COTS	> 500	Department	1995 2012	$50,000 - $100,000		High	Office and Productivity Services/Management
Health Services	(TS) Microsoft Systems Center	MSCCM will give HSA and DHS a better control over our IT infrastructure and assets through asset intelligence technologies that provide asset visilbilitiy and central manageability.	COTS	> 500	Department	2012 2014	$50,000 - $100,000		High	
Health Services	(TS) Novell Identity Manager 3.5	This application manages the identity of workforce members across multiple systems.	COTS	> 500	Department	2007 2011	$50,000 - $100,000		High	Technology Services/Management
Health Services	(TS) Orion Network/Server Monitoring	Orion Solarwinds system monitors all DHS security Devices 24/7. Orion monitors device system up/down status, performance issues, bandwidth utilization statistics and failure notification (email/pager)	COTS	< 100	Department	2009 2013	< $50,000		High	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Health Services	(TS) ORSOS Operating Room Scheduling System-Produc	Schedule operating room, Peri Operative Charting, Electronic Surgery Request, Big Board and personnel and track operating room supplies McKesson ORSOS 2.6,Oracle 10.2 AIX 5.2 huclaorsdb, orsosdblac, orsosran, ovorsos	COTS	100 - 500	Department	2005 2012	$350,000 - $700,000		High	Department Mission/Service Delivery
Health Services	(TS) ORSOS Operating Room Scheduling System-Traing	Schedule operating room, Peri Operative Charting, Electronic Surgery Request, Big Board and personnel and track operating room supplies McKesson ORSOS 2.6,Oracle 10.2 AIX 5.2 huclaorsdb, orsosdblac, orsosran, ovorsos	COTS	100 - 500	Department	2005 2009	$50,000 - $100,000		High	Department Mission/Service Delivery
Health Services	(TS) Virtual Instruments	This software solution will help identify and resolve SAN performance problems, improving application response times and end-user satisfaction.	COTS	< 100	Department	2012 2014	$50,000 - $100,000		Medium	Technology Services/Management
Health Services	(TS) VMWare Virtual Environment	Provides infrastructure for application servers. VMware ESX system is used to create virtual test environment to test production applicatons patches, upgrade or security hot fixes.	COTS highly customized	> 500	Department	2006 2011	$700,000 - $1,000,000		High	Technology Services/Management
Health Services	4PATIENT CARE	Software vendor utilized to electronically call scheduled patients to remind them of appointments scheduled.	COTS highly customized	< 100	Contractor Site	2007	< $50,000		Medium	Department Mission/Service Delivery
Health Services	Accreditation Manager Plus	Electronic tool to help maintaining continuous standards compliance, prepare periodic performance review and facilitate communications and understanding of the Joint Commission requirements	COTS		Department				0	

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Health Services	ACCUMED - PARATA SYSTEM	Automated storage and retrieval systems for storing and dispensing medications. It is used primarily in the outpatient and Community Health Center settings.	Vendor custom development	> 500	Department	2008 2011	$50,000 - $100,000		High	Department Mission/Service Delivery
Health Services	ACMS - CASEWATCH	An interfaced system that provide case management functions for infectious disease department staff.	Vendor custom development	< 100	Contractor Site	2002	< $50,000		Low	Department Mission/Service Delivery
Health Services	ACS	This application provides user authentication to habor's wireless system and network equipment centrally.	COTS highly customized	> 500	Department	2005 2008	< $50,000		Low	Technology Services/Management
Health Services	ADMINISTRATIVE NURSING OFFICE (ANO)	Online system for administrative reporting,i.e., census, closures/diversions, bed availability,staffing variance,communication log, and CEO report.	In-house development	100 - 500	Department	2002 2007	< $50,000		Medium	
Health Services	Advanced Triage and Emergency Medicine Management (ATEMM)	Patient Monitoring and Tracking System from Arrival to Discharge in MLK Urgent Care to include Registration, Triage, Vital Sign, Diagnosis, Procedure Logs and Medication Management. ATEMM is developed by DHS CRM and implemented at MLK Urgent Care in August 2009. The ATEMM application is currently hosted at OVMC. Since implementation we have had several version upgrades with the latest introduction of online Rx printing in November 2010.	In-house development	< 100	Department	2009 2010	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Health Services	AFFINITY - Hospital Information Systems	QuadraMed Affinity is the hospital information system that provides enterprise applications for integrated delivery networks. This application produces patient health information (PHI) and has the functionality that automates the work of various clinical, financial, and medical records. QuadraMed Affinity also provides customizable data collection requirements, comprehensive data capture, and integrated electronic document management, EDI, and HIPAA support. It is fully integrated with QuadraMed's Enterprise Scheduling solution, it moves patient information from preregistration to admission to inpatient and outpatient. Patient Registration enabling user to collect patient information required for admission, care, and billing while also managing beds and census reporting.	Vendor custom development	> 500	Department	1992 2011	< $50,000		High	Department Mission/Service Delivery
Health Services	AFFINITY (Clinical)	Clinical Affinity apps for documentation, orders, results, and operational support.	Vendor custom development	> 500	Contractor Site	1996 2007	> $1,000,000		High	Department Mission/Service Delivery
Health Services	Affinity (PA)	Patient accounting, with ADT in background.	Vendor custom development	> 500	Contractor Site	1996 2007	> $1,000,000		High	Department Mission/Service Delivery
Health Services	Affinity EDM	EDM Electronic Document Management System Scan and store all clinical documents that go to / live in the Patient Medical Record	Vendor custom development	100 - 500	Department	2011 2012	$50,000 - $100,000		Medium	Department Mission/Service Delivery
Health Services	AFFINITY PHARMACY SYSTEM	Inpatient Pharmacy System.	Vendor custom development	100 - 500	Department	2005	$50,000 - $100,000		Medium	Department Mission/Service Delivery
Health Services	Affinity SQLConnect	Provides alternate method to develop customized reports from Affinity HIS using reporting tool such as Crystal Reports through ODBC interface.	COTS highly customized	< 100	Department	2014	< $50,000		Medium	Technology Services/Management
Health Services	ALLSCRIPTS - CRITICAL CARE INFORMATION SYSTEM	Sunrise Critical Care provides end-to-end workflow automation, advanced evidence-based clinical decision support, and unified medical information for ICU clinicians treating the highest-acuity patients in adult, pediatric and neonatal critical care units. The solution helps doctors and nurses stay abreast minute-to-minute of patients' conditions, allowing them to spend more time caring for patients during the first six to eight hours when rapid therapeutic intervention can save lives. Sunrise Critical Care integrates with the Sunrise Clinical Manager clinical information solution which is also being implemented.. The solution brings together comprehensive, real-time patient information and presents it in an intensive care unit (ICU) Tracking Board for an at-a-glance graphical view of patient status and resource assignments.	Vendor custom development	100 - 500	Department	1992 2012	$50,000 - $100,000		High	Department Mission/Service Delivery
Health Services	Ambulatory Care Dashboard	Dashboard for Ambulatory Care.	In-house development	< 100	Department				Medium	Performance Measurement/Reporting/QA/ Data Warehouse-Mining

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Health Services	ANSOS	Nurse staffing and scheduling system	COTS highly customized	< 100	ISD/Downey	1994 2014	$50,000 - $100,000		High	Human Resource Services/Management
Health Services	ANSOS-Onestaff	USED BY NURSING DEPARTMENT FOR STAFFING	Vendor custom development	100 - 500	ISD/Downey	1990 2007	$50,000 - $100,000		High	Office and Productivity Services/Management
Health Services	Appointments EveryWhere	AppointmentsEverywhere web based scheduling system for the Infusion Clinic and will support 20 concurrent users. The program will be used to schedule providers, patients and chairs. This will allow for a more efficient processes and client management. The current process involves manual hand written entries in a log book which makes it difficult to track patient visits and raises the possibility of errors and delays in treatment. AppointmentsEverywhere will not only save time and money, but reduce errors and delays in treatment and will increase utilization of Infusion Clinic resources.	COTS highly customized	< 100	Contractor Site	2013		<100,000 transactions	Medium	
Health Services	ASTHMA TRAX	Application is in use for tracking Asthma patients. It is a system that allows the clinician to document, analyze and track asthma patients in order to minimize recurring episodes.	COTS	< 100	Department	2011		0		Department Mission/Service Delivery
Health Services	ATLAS INFECTIOUS DISEASE CONTROL SYSTEM	INFECTIOUS DISEASE MANAGEMENT SYSTEM.	COTS	< 100	Contractor Site	2013			High	Department Mission/Service Delivery
Health Services	ATP - ORSA APPLICATION	System for tracking ORSA patients. Includes the storage and retrieval of related financial information and contracts.	In-house development	< 100	Department	2003 2009	< $50,000		Medium	Accounting/Finance
Health Services	AUTOSTORE/PHARMACY - Prescription Orders	Application is used to send a copy of the physician signed pharmacy prescription orders from the nursing stations to the pharmacy. Pharmacist must have the signed prescription in order to fill a request. Nursing staff scans signed prescritpion. Scanned copy is automatically stored in a secure folder. Pharmacist retrieve the prescriptions from the secured folder.	In-house development	100 - 500	Department	2004 2009	< $50,000		Medium	Department Mission/Service Delivery
Health Services	Avamar	Avamar is an enterprise backup system. It's hosted in DHS Data Center at MLK. Avamar will help the department to reduce daily backup data to 500x, backup times up to 10x, and total storage up to 50x. This EMC backup and recovery solutions will enable us to utilize data deduplication technologies and secure fast backup for our VmWare Environments.	COTS	< 100	Department	2012 2012	$100,000 - $350,000	> 1 million transactions	Medium	Technology Services/Management
Health Services	Baxter IV Pump	Infusion systems for Nursing	Vendor custom development		Department	2013			Medium	Department Mission/Service Delivery
Health Services	BioCon Scanner	Bladder volume measurement and visualization of residual urine. The probe provides three dimensional display showing the bladder position and volume. Helps prevent undiagnosed urinary retention, reduces urinary tract infection.	Vendor custom development	< 100	Department				Medium	Department Mission/Service Delivery
Health Services	Bladder Scan Machine 3000/BVI 9400	Bladder volume measurement and visualization of residual urine. The probe provides three dimensional display showing the bladder position and volume. Helps prevent undiagnosed urinary retention, reduces urinary tract infection.	Vendor custom development	< 100	Department				Medium	Department Mission/Service Delivery
Health Services	CACTUS / VisualCACTUS	Provider / Physician Credentialing and Management System	COTS	< 100	Department	2014	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
Health Services	CadStream	CADstream, th, automates the analysis of MRI Breast studies and improves interpretation, reporting and interventional planning workflow forMRI Guided Breast Biopsies.	COTS highly customized		Department				Medium	
Health Services	CALIFORNIA CANCER REGISTRY CNEXT	The CCR is California's statewide population-based cancer surveillance system. We collect information about almost all cancers diagnosed in California. This information furthers our understanding of cancer and is used to develop strategies and policies for its prevention, treatment, and control. The availability of data on cancer in the state allows health researchers to analyze demographic and geographic factors that affect cancer risk, early detection, and effective treatment of cancer patients. The data also help determine where early detection, educational, and other cancer-related programs should be directed.	Vendor custom development	100 - 500	Department	2000 2007	< $50,000		High	Department Mission/Service Delivery

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Health Services	CAMS Enterprise	Comprehensive Academic Management Systems(CAMS) Enterprise is a web-based student information system/Application that includes integrated portals for student, staff, faculty, and alumni. Reports to County, State, Federal government, Board of Registered Nursing and Accreditation Agencies can be completed more efficiently and timely	Vendor custom development		Department	2013	< $50,000		High	Department Mission/Service Delivery
Health Services	CANCERNET	Federal cancer registry. Hospital reporting system for reporting of cancer data.	COTS	< 100	Department	2002 2013	< $50,000		Low	Department Mission/Service Delivery
Health Services	CARDIOLOGY/WITT	Hemodynamic monitoring and clinical reporting systems used in cardiology catheterization laboratories.	Vendor custom development	100 - 500	Department	2005 2007	< $50,000		Medium	Department Mission/Service Delivery
Health Services	Case Management Continuity of Care	Access database for Case Management performance tracking.	In-house development	< 100	Department				Medium	Office and Productivity Services/Management
Health Services	Casewatch	Automate Case Management System for OASIS Clinic and OAPP.	Software as a Service/Cloud/ASP	< 100	Department			<100,000 transactions	Medium	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Health Services	CASEWATCH AIDS	Automated Case Management System for AIDS/HIV Department	COTS highly customized	< 100	Department	2005 2008	< $50,000		High	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Health Services	CBORD	Harbor's homeland security and monitoring system which provides access control and monitoring via a proximity-enhanced Employee ID Badge to interior and exterior hospital doors including: Pathology's Blood Irradiator machine certain ICUs certain Pharmacy areas Physician Dining Room and stairwells.	Vendor custom development	> 500	Department	2006 2013	< $50,000		High	Technology Services/Management
Health Services	CBORD / CSGold	Provides employee electronics badge access through secured area. CSGold application maintains employee profile and access privilege/level and access locations	COTS highly customized	> 500	Department	2009	$50,000 - $100,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Health Services	CCTV	Provide CCTV in various area of campus and monitor by LA County Sheriff on site. Servers in Sheriff Station host CCTV recordings.	COTS	< 100	Department	2000 2009	< $50,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Health Services	CERMe - Production	Los Angeles County uses the InterQual criteria set to determine medical necessity and appropriate level of services. The Care Enhanced Review Manager Enterprise (CERMe) system uses the InterQual criteria to automate criteria-based reviews, document medical necessity and the appropriateness of care to conserve healthcare resources. The implementation of CERMe allows Utilization Review staff to assess medical necessity for all inpatient admissions and ensure appropriate length of stay to avoid potential denied days. It also allows Utilization Review to gather data for analysis, reports and recommendations.	COTS	100 - 500	Department	2007 2014	$100,000 - $350,000	<100,000 transactions	High	Technology Services/Management
Health Services	CerMe InterQual	DHS Enterprise application utilized in the Utilization Management Department.	COTS	100 - 500	Department	2011	$100,000 - $350,000		High	Department Mission/Service Delivery
Health Services	Cisco Wireless/Patient Charting	the Cisco Wireless system was implemented for wireless access to the HIS to facilitate bedside charting using the Affinity Patient Charting module. This procided on-line assessments and nursing and physician documentation for patient care. this project was completed for installation and is currently in maintenance mode.	COTS highly customized	> 500	Department	2006 2010	< $50,000		High	
Health Services	CISCOWORK	This application is used for network equipment configuration, scheduling configuation deployment, configuation backup, monitor device faults, link status and crital alert.	COTS highly customized	< 100	Department	2005 2009	< $50,000		Low	Technology Services/Management
Health Services	CITRIX - APPLICATION DELIVERY	Delivers applications as a cost effective, on-demand service to any user, anywhere.	COTS	> 500	Department	2011		0		Technology Services/Management
Health Services	Clinical Repository	Facility data repositories. Respository that stores patient and provider data from core applications.	In-house development	< 100	Department				High	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Health Services	Clinical Workstation	A Quadramed application that makes the view screen (patient information) at the desktop configurable for user.	COTS	100 - 500	Department	2012	< $50,000		High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Health Services	COHR PREVENTIVE MAINTENANCE	Mechanical Services to monitor/track preventive maintenance on biomedical equipment. Required by Joint Commission to monitor and provide reports on PMs.	Vendor custom development	< 100	Department	2005 2008	< $50,000		Low	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Health Services	COPATH	Clinical system for the identification and storage of Anatomic Pathology information	Vendor custom development	100 - 500	Department	1998 2014	$50,000 - $100,000	<100,000 transactions	High	Department Mission/Service Delivery
Health Services	Core Measures	Provides a batch interface to UHC.	Software as a Service/Cloud/ASP	< 100	Contractor Site				Medium	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Health Services	CORI - GI System	This application is the electronic report charting/writing system utilized by the GI (Ggastrointestinal) department. This system is interfaced with Olympus in bringing in the images captured from Olympus into the written reports.	Vendor custom development	> 500	Department	2007 2008	< $50,000		High	Department Mission/Service Delivery
Health Services	CRITICAL LAB VALUES (CLV)	Track patient critical lab value process including lab test results, provider response and recommendation then electronically upload completed CLVs to Quantim system (User: Referral Center)	In-house development	> 500	Department	2006 2010	< $50,000		High	Department Mission/Service Delivery
Health Services	Datacard - Employee ID Badge System	Produce employee ID Badge. Integrated with CBORD. To be replaced by new system in 2014	COTS	< 100	Department	2009	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
Health Services	Death Certificate Database	MS Access Database for tracking death certificates.	In-house development	< 100	Department				Medium	Department Mission/Service Delivery
Health Services	Dental Systems	Dental imaging system. Kodak is interfaced to Fuji Synapse at Rancho and Mid-Valley.	Vendor custom development	< 100	Department	2008			Medium	Department Mission/Service Delivery
Health Services	DHSAPP	IIS Server for eGate project	In-house development	100 - 500	Department	2004 2007	< $50,000		High	
Health Services	DHSDOMINO-Notes-Production	System for hosting applications developed using Domino and Lotus notes DHSDOMINO, OHRM, DHSHSANOTES	In-house development	> 500	Department	2004	$350,000 - $700,000		High	Department Mission/Service Delivery
Health Services	Diabetes Tracking System	MS Access database to track diabetes patients.	In-house development	< 100	Department				Medium	Department Mission/Service Delivery
Health Services	Disease Management Registry (DMR)	The Disease Management Registry (DMR) is a data repository which houses information for various chronic disease programs and its participating clusters. The DMR currently contains registries for the following diseases: Diabetes (type I and II), Congestive Heart Failure (CHF), Asthma, and Stroke. It is an application used to aid clinical staff in the management and care of patients participating in the various disease programs. With modules covering various aspects of the disease programs, the DMR allows for an efficient workflow on both the business and clinical spectrum. DHS Wide Application developed and hosted by DHS CRM at OVMC.	In-house development	100 - 500	Department	2010	< $50,000	100,000 to 1 million transactions	0	Department Mission/Service Delivery
Health Services	Drug Utilization Evaluation Tracking System	MS Access database for Pharmacy Department to track drug utilization.	In-house development	< 100	Department				Medium	Department Mission/Service Delivery
Health Services	ECHOBROKER INTERFACE	Cardiology Xcelera echo patient interface . This project includes the Orders interface with patient demographic information. The A08 (ADT) segment is sent only for patient demographic updates. This provides only data for demographic and orders for patients requiring Echo exams. This is in maintenance. 1/2014 - November, 2013 HUMC upgraded Xcelera and the Echobroker. Echobroker was replaced with ConnectR.	COTS	< 100	Department	2006 2013	< $50,000		High	Department Mission/Service Delivery
Health Services	eCONSULT	Track physician consult, diagnosis, ceretom scan details, image checklist for neurosurgery and neurology patients (User: Neurology, Neurosurgery, Providers)	In-house development	> 500	Department	2009 2011	< $50,000		Medium	Department Mission/Service Delivery
Health Services	EHS	Health screening documentation for employees and contractors.	In-house development	< 100	Department				Medium	Human Resource Services/Management
Health Services	ELECTRONIC ENCOUNTER FORM SYSTEM	CUSTOM APPLICATION NEEDED TO CAPTURE 1115 - WAIVER ENCOUNTER INFORMATION.	In-house development	100 - 500	Department	2011	< $50,000		High	Accounting/Finance

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Health Services	EMBLA	The application is called Sandman. Computerized program that monitors and measures up to 20 parameters for the patient during the sleep apnea studies. The technician scores the diagnostic study and writes technicianl comments. Physician's interpretation of the sleep study is uploaded to Affinity via Mysis.	COTS	< 100	Department	2011	< $50,000		High	Department Mission/Service Delivery
Health Services	EmHub	Provide enterprise level Administration defined roles and security, Local system administration functions HIPAA audit compliance, bi-directional interface with DCFS Referral, Appointment Status, Report Generation for Hub Clinic	Software as a Service/Cloud/ASP	< 100	Department	2010 2013	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Health Services	Employee Health Screening (EHS)	Monitor/Track Employee Health Screening requirement in compliance with Federal/State/Local regulations. Application was developed by LACUSC and implemented at MLK MACC.	In-house development	< 100	Department		< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
Health Services	Encounter Summary Sheet	Enable doctors to view the patient data from outside the DHS network.	Software as a Service/Cloud/ASP	< 100	Department				High	Department Mission/Service Delivery
Health Services	Endoscopy - Olympus	Medical System used by Department of Medicine. System is used to capture endoscopic and bronchoscopy images and generate patient results/reports. Supports an electronic health record. In 2010 reports and images from this system are electroncially transferred to Quantim EDM document management and Affinity Clinical Workstation for physician viewing of results.	COTS	< 100	Department	2008 2011	< $50,000		High	Department Mission/Service Delivery
Health Services	Enterprise eGate Interface Engine	HL7 Interface Engine between Affinity HIS and ancillary systems	COTS highly customized	< 100	Department	2014		100,000 to 1 million transactions	Medium	Department Mission/Service Delivery
Health Services	Enterprise Laboratory Information System (ELIS)	Laboratory Information System	Vendor custom development	100 - 500	Department	2003 2009	$100,000 - $350,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Health Services	Enterprise Laboratory Information System (Pathology)	Synoptic reporting - a results reporting flow to ensure complete and accurate coding and tumor stage reporting provides for directed results entry.	Vendor custom development	< 100	Department				Medium	Department Mission/Service Delivery
Health Services	EPMO - Project & Application Portfolio Management (Innotas)	Innotas is an easy-to-use and cost-effective tool for managing projects across the DHS-wide enterprise inventory of project and application portfolios, assets, and work product requests. As the top-rated Gartner vendor and tool, and the only cloud-native company that offers both Project Portfolio Management and Application Portfolio Management, Innotas provides IT and business project leaders with easy-access to project information (e.g. documentation, artifacts, attachments and service catalogs) on a web-based platform that is accessible from anywhere with internet access. Innotas helps project managers, business owners and stakeholders to more easily collaborate, share and document the essential milestones and tasks involving their project for successful outcomes.	Software as a Service/Cloud/ASP	100 - 500	Contractor Site	2013	$100,000 - $350,000	<100,000 transactions	High	Technology Services/Management
Health Services	ER OVERCROWDING LEVEL APPLICATION	Automated system that calculates the overcrowding level for the hospital and display it on the intranet.	COTS	< 100	Department	2011	< $50,000		High	Department Mission/Service Delivery
Health Services	ESS	DHS Wide Web-based Application - Encounter Summary Sheet - hosted by DHS DAD - Also accessible from within ATEMM Application through client interface.	Software as a Service/Cloud/ASP	100 - 500	Department	2005	$50,000 - $100,000	100,000 to 1 million transactions	Medium	Department Mission/Service Delivery
Health Services	Evalysis PCS System	Evalisys Patient Classification System (PCS) is built in Affinity to allow inpatient RN staff to classify patients using a set of criteria. The purpose of classifying patients is to determine patient care requirement to predict staffing need for the next shift and meets state title 22 requirement	COTS		Department				0	
Health Services	ExercisePro	ExercisePro is used in Physical Therapy Department to design and customize exercise program for its patients. It allows for printing of exercise instructions for distribution to patients.	COTS	< 100	Department		< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Health Services	FIREWALL SECURITY SYSTEMS	Firwalls are used to control application inbound/outbound access and prevent unauthrized access to the systems.	COTS highly customized	> 500	Department	2005 2011	$50,000 - $100,000		Low	Technology Services/Management
Health Services	FOOTPRINT - HELP DESK TICKET TRACKING SYSTEM	HELP DESK TICKET TRACKING SYSTEM.	Vendor custom development	100 - 500	Department	2008 2009	< $50,000		High	Department Mission/Service Delivery
Health Services	FootPrints	This application allows us to create and track a variety of incidents, projects, processes and requests for services. It is also used to create RFC's when we have to make changes to the various systems and applications. We can also track projects/short term assignments, contract data etc. We started the migration to Footprints with the Project Tracking component which was replaced by Innotas in 2013. We joined the process for Change management during 2013 and will move to work tickets using the system in approximately May or June 2014.	COTS	< 100	Department	2009 2010	< $50,000		High	Technology Services/Management
Health Services	FORMFAST	This application is for electronic document management forms, inpatient pharmacy syringe label, MAR revisions, and other facility forms. In 2010 Formfast is being used to reformat lab reports from the Sunquest Lab system into the Quantim EDM document management system. In addition in 2011 Formfast is being used to format data from Affinity HIS to the Physician Sign outs.	Vendor custom development	100 - 500	Department	2007 2009	$50,000 - $100,000		High	Department Mission/Service Delivery
Health Services	FormFast	FormFast allows facility to merge and print directly from the QuadraMed Affinity System and will reduce the need to purchase/reoder forms, limit time on paper work, limit inaccuracies and facilitate scanning of documents into EDM.	COTS	100 - 500	Department	2013	< $50,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Health Services	FUJI PAC'S SYSTEM	Fuji Radiology PAC'S medical imaging System	COTS	100 - 500	Department	2006 2014	$50,000 - $100,000		High	Department Mission/Service Delivery
Health Services	FUJI Synapse	Enterprise Radiology PACS. Captures and stores dicom images and interpretive reports.	COTS	> 500	Department	2007 2011	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Health Services	FUJI-RIS (Radiology Information System)	FUJI-RIS otherwise known as synapse RIS is a web based radiology management solution that integrates well with the FUJI Synapse PACS as well as any other PACS on the market. It provides for the ability to have a more efficient workflow with features such as critical results notification, peer review, and a real referring physician portal that includes exam requesting, sheduling, report and image access.	COTS	< 100	Department	2011		0	Medium	Department Mission/Service Delivery
Health Services	G.E. CENTRICITY FETAL MONITORING SYSTEM	Medical Information system for Labor and Delivery.	Vendor custom development	< 100	Department	2008 2011	$50,000 - $100,000		Medium	Department Mission/Service Delivery
Health Services	Gait Rite Mat	Used by the clinician to assess and treat walking (gait) pathology. Provides detailed graphics and report on walking kinematics.	Vendor custom development	< 100	Department				Medium	Department Mission/Service Delivery
Health Services	GE - CENTRICITY CPA ANESTHESIOLOGY SYSTEMS	Centricity CPA is an Anesthetisia documentation solution with case scripts to facilitate care delivery documentation. It accelerates the usefulness of departmental information systems,patient monitoring and gas delivery devices, document management systems, staff communication, and business tools.	Vendor custom development	> 500	Department	2007 2008	< $50,000		High	Department Mission/Service Delivery
Health Services	GE - CPN OB/GYN SYSTEM	GE Centricity Perinatal is a solution that allows the access of OB/GYN patient data by using Centricity electronic medical record through Land D, Postpartum, Nursery, and even the NICU. It helps define the continuum of Care that is so importunt to a comprehensive Perinatal system. It includes the Fetal Monitoring strip archiving system.	Vendor custom development	> 500	Department	2007 2008	< $50,000		High	Department Mission/Service Delivery
Health Services	Glucometer	Download from instruments to POCT database from docking stations on the wards. This is a bedside instrument, it links to Telcor.	Vendor custom development	< 100	Department				Medium	Department Mission/Service Delivery
Health Services	GME DATABASE	Residents database track rotation schedule, training schedule, monthly and yearly billing (User: GME, Expenditure Management)	In-house development	100 - 500	Department	2000 2010	< $50,000		High	Department Mission/Service Delivery
Health Services	HCLL transfusion	Blood Bank and Donor Center Computer System which automates all aspects of Transfusion Medicine at the hospital. Mandated by vendor to migrate to upgraded system. Old Hemocare not supported by Vendor.	COTS	< 100	Department	2008 2010	< $50,000		High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Health Services	HEMOCUE	Hemoglobin monitoring - point of care testing	Vendor custom development	> 500	Department	2007 2011	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Health Services	HIM Dashboard	A daily dashboard for the Health Information Management (HIM) unit, so that the information and reports from various groups can be combined and displayed in oue place. Allows Sr. Management to view at anytime and from anywhere HIM workload and progress status reports. Front end developed in .NET, Microsoft Reporting services and SQL 2008 back end. Also SQL connect for various Affinity report.	In-house development		Department			0		
Health Services	HMMS (HEALTH MATERIALS MANAGEMENT SYSTEM)	Tracks procurement,inventory,warehousing, distribution, accounting, and financial activities for Materials Management.	COTS highly customized	< 100	ISD/Downey	1983 2008	< $50,000		High	Procurement/Supply Chain Services/Management
Health Services	HMMS Materials Management Information System	Application used to input/track/pay DHS purchased equipment and supplies	Vendor custom development	< 100	ISD/Downey	1983 2008			Medium	Procurement/Supply Chain Services/Management
Health Services	HP INSIGHT	This application is used for HP unified infrastructure server management, hardware fault monitoring and firmware revision.	COTS highly customized	< 100	Department	2005 2011	< $50,000		Medium	Technology Services/Management
Health Services	I-2-I Patient Disease Registry	Patient disease registry for primary care providers DHS Enterprise System - see Application profile under DHS for system details.	Vendor custom development		Department				Medium	Department Mission/Service Delivery
Health Services	I2I REGISTRY	Population Health Management software utilized in the ambulatory care setting.	COTS highly customized	> 500	ISD/Downey	2012	$350,000 - $700,000		High	Department Mission/Service Delivery
Health Services	i2iTracks	i2iTracks integrates patient data from Affinity, Membership (PMS), Lab, Pharmacy and other systems, for the Medical Home population within DHS. The system enables patient care teams, including care managers, panel managers, clinicians, nurses, and providers to identify and actively manage groups of patients to improve health	Software as a Service/Cloud/ASP	< 100	Department				Medium	Department Mission/Service Delivery
Health Services	IBM TIVOLI STORAGE MANAGER	Local centralized data backup and recovery management for different operating systems	Vendor custom development	< 100	Department	2004 2007	$50,000 - $100,000		High	Technology Services/Management
Health Services	ICD-10 Readiness/Training	Readiness assessment and training for new ICD-10 regulatory upgrade for October 2014	Vendor custom development	> 500	Department	2013	< $50,000		High	Department Mission/Service Delivery
Health Services	IDC Online Encounter Forms	Develops/maintains highly customizable encounter forms with diagnoses and procedures using Adobe Output Designer. Intergrated form in Affinity where specific patient and physician information are printed along with form to standard legal/duplex paper on demand. Physician uses the encounter form to record patient diagnoses/procedures during session with patient. HIM coder scans and reviews the hand-written form using a OCR and code matching process with DHS CDM before data upload to Affinity HIS.	In-house development	100 - 500	Department	2013	< $50,000	100,000 to 1 million transactions	Medium	Department Mission/Service Delivery
Health Services	iMedConsent	Catagory specific patient consent form. Web based application hosted by Dialog Medical.	Software as a Service/Cloud/ASP	100 - 500	Contractor Site	2009	< $50,000	100,000 to 1 million transactions	Medium	Department Mission/Service Delivery
Health Services	Infection Control (Atlas)	Remote hosting reporting of infectious diseases.	Vendor custom development	< 100	Department	2014			Medium	Department Mission/Service Delivery
Health Services	In-motion robots systems	Two devices, one for the wrist and one for the arm. High tech system that works out the wrists and arm for PT, results are printed.	Vendor custom development	< 100	Department				Medium	Department Mission/Service Delivery
Health Services	InSignt MRI	MRI electronics to provide MRI scanner and services.	Vendor custom development		Department				High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Health Services	INTERFACE ENGINE - e*Gate	Mission critical application that processes the interfaced data between Quadramed Affinity, Lab Misys, Pharmacy, Radiology PACs, etc. The interface engine allows data to share data between disparate systems. This system is now legacy and DHS has been notified of critical need to replace. Harbor has requested replacement for the last 6 years but no plans have been determined by DHS. 1/2014 - e*Gate to be replaced in 2014 during the ORCHID EHR implementation project	In-house development	< 100	Department	2004 2014	< $50,000		High	Department Mission/Service Delivery
Health Services	INVPC	Computers and Printers Inventory (User: Information Systems) Track computer equipments hardware Inventory.	In-house development	< 100	Department	2011		0		Technology Services/Management
Health Services	ISD PSCAS PHARMACY	Outpatient Pharmacy System.	COTS	100 - 500	Department	2006	$350,000 - $700,000		High	Department Mission/Service Delivery
Health Services	iSite iQuery	Medical Imaging Web viewer	Vendor custom development	100 - 500	Department		< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Health Services	IVR - Interactive Voice Response	Outpatient Pharmacy telephone refill.	Vendor custom development	100 - 500	Department				Medium	Department Mission/Service Delivery
Health Services	IVR Med Refill	Automated system for patient to call in for medication refill	Vendor custom development	< 100	Department	2007	< $50,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Health Services	JetForm Central	A server-based forms application that combines electronic data elements such as patient information from Affinity HIS with custom designed templates and delivers to standard printer on standard paper. This process is used on many Affinity forms as well as IDC online encounter forms .	COTS highly customized	100 - 500	Department	2000 2008	< $50,000	100,000 to 1 million transactions	Medium	Department Mission/Service Delivery
Health Services	JETFORMS	Merge various hostpital forms with affintiy data when printing. Forms generation software is extensively used by the hospital and DHS to program and print pre-printed pathway forms which standardizes our plan of care for the patients. Over 100 forms are in use.	COTS highly customized	> 500	Department	2000 2008	< $50,000		Medium	Department Mission/Service Delivery
Health Services	LA Learning Net	Enable employees to access mandatory trainings online in compliance with federal/state/local regulations.	Vendor custom development	> 500	ISD/Downey	2005	< $50,000	<100,000 transactions	High	Human Resource Services/Management
Health Services	Labor Cost Deviation (LCD)	Calculates labor cost distribution for reimbursement billing.	In-house development	< 100	Department	2003	< $50,000	100,000 to 1 million transactions	Medium	Accounting/Finance
Health Services	LCDAS	Labor Cost Distribution Replacement system. Houses the Oracle 10g Application Server that provides application web services.	Vendor custom development	< 100	Department	2003	< $50,000	> 1 million transactions	Medium	Accounting/Finance
Health Services	LCDCVS	Labor Cost Destribution Replacement System. Houses the CVS (Concurrent Versions System) Server for source control on LCDRS development.	Vendor custom development	< 100	Department	2003	< $50,000	> 1 million transactions	Medium	Accounting/Finance
Health Services	LCDDB	Labor Cost Distribution Replacement System: Houses the Oracle 9i production database.	Vendor custom development	< 100	Department	2003	< $50,000	> 1 million transactions	Medium	Accounting/Finance
Health Services	LCDDEV1	Labor Cost Distribution Replacement System: Houses the Oracle 9i development database, testing database and Oracle Warehouse Builder Respoitory.	Vendor custom development	< 100	Department	2003	< $50,000	> 1 million transactions	Medium	Accounting/Finance
Health Services	LCDDEV2	Labor Cost Distribution Replacement system: Houses the Oracle 10g Application Server that provides application web services.	Vendor custom development	< 100	Department	2003	< $50,000	> 1 million transactions	Medium	Accounting/Finance
Health Services	LCDGRID	Labor Cost Distribution Replacement System. Houses the Oracle 10g central Oracle Management Server monitoring repository, managing the other LCDRS nodes.	Vendor custom development	< 100	Department	2003	< $50,000	> 1 million transactions	Medium	Accounting/Finance
Health Services	LCDMON	Labor Cost Distribution Replacement System: Houses the Oracle 9i central Oracle Management Server monitoring respoitory, managing the other LCDRS nodes.	Vendor custom development	< 100	Department	2003	< $50,000	> 1 million transactions	Medium	Accounting/Finance
Health Services	LIFE LINE HCLL	Blood Transfusion system that secures the safety of the blood supply.	COTS	< 100	Department	2003		0		Department Mission/Service Delivery
Health Services	LifeScan Fingerprint	LifeScan Fingerprint and Background Check System used in HR	Software as a Service/Cloud/ASP	< 100	Contractor Site		< $50,000	<100,000 transactions	Medium	Human Resource Services/Management

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Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Health Services	Magview Mammography Dictation System	The Magview application manages patient records for Mammograms and Ultrasound readings and generates regulatory required letters to patients with abnormal results. Magview interfaces with QuadraMed's Affinity. The interface will reduce patient errors by elimination manual re-entry of patient data.	COTS	< 100	Department	2012	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Health Services	MAMMOGRAPHY REPORTING SYSTEM	An automated system interfaced with the Hospital Information System which include order entry, result reporting, admission discharge and transfer.	Vendor custom development	< 100	Department	2003 2013	< $50,000		Medium	Department Mission/Service Delivery
Health Services	Mcafee Vulnerability Management	This application is used for network equipment vulnerabilities assessments.	COTS highly customized	< 100	Department	2008 2011	< $50,000	100,000 to 1 million transactions	High	Office and Productivity Services/Management
Health Services	Mckesson - Cerme Interqual	This application automates the clinical decision review process by supplying browser-based access to McKesson's InterQual Criteria for clinical decision support. It includes outcome reasons tracking, which allows healthcare organizations to customize review information to track resource, quality and network issues that require medical management interventions. This information can then be used as the basis for prioritizing medical management programs and quality initiatives.	Vendor custom development	< 100	Department	2008 2009	< $50,000		High	Department Mission/Service Delivery
Health Services	Mckesson - Onestaff Nursing	ANSOS One-Staff allows units to collect patient acuity and workload data in order to accurately forecast staffing requirements.ANSOS One-Staff is McKesson's enterprise productivity management, nursing agency solution and healthcare staffing management system. ANSOS Onestaff is a nursing staffing scheduling system consists of employee's name, employee number, employee title, job skills, clinical and non clinical locations. Patient's census and acuity levels are uploaded from Affinity to this staffing module to reflect patientand staffing distribution base on ratio and acuity levels. All nursing staff work schedule reside in this application.	Vendor custom development	100 - 500	Department	2006 2007	< $50,000		High	Department Mission/Service Delivery
Health Services	Mckesson - Or Scheduling (Orsos)	Application is utilized by the Surgery Scheduling Office to schedule and manage operating room surgical procedures. Operating Room Scheduling Office System (ORSOS) is comprised of two components. One-Call Client utilized for scheduling patient routed to the OR for surgery. Web-Periop a web based application used for documenting intraoperative events during surgery once a case has been scheduled. ORSOS utilizes CAN reports built-in to the One-Call Client as well as customized reporting via Crystal Reports XI.	Vendor custom development	> 500	Department	2006 2007	< $50,000		High	Department Mission/Service Delivery
Health Services	Mckesson Ansos	Application utilized for the nursing department to assist and create nursing staff schedules.	COTS	100 - 500	Department	2004 2008	$50,000 - $100,000		High	Department Mission/Service Delivery
Health Services	MD Staff	The MD Staff application is used to manage staff credentials. System is hosted.	Software as a Service/Cloud/ASP	< 100	Contractor Site	2011	< $50,000		Medium	Human Resource Services/Management
Health Services	Mdsinfo - Neonatal ICU System	NIS-5 application is used in the Newborn Services, to record clinical information and progress notes on all babies admitted to the NICU. The NIS Database system provides the Neonatal Intensive Care Unit with vital information by generating reports to the CPQCC per CCS requirements, medical records, tracks the daily progress of patients, creates H and P, produces discharges summaries, electronic medical records and provides information for QI projects. The application now interfaced with HL7 ADT and clinical laboratory (Misys Lab System).	Vendor custom development	> 500	Department	2007 2011	< $50,000		High	Department Mission/Service Delivery
Health Services	Medical Credential Management System	Tracking physicians credential, licenses and personal information.	In-house development	< 100	Department				Medium	Department Mission/Service Delivery
Health Services	Medical Eligibility Systems	Verify Patient Eligibility Web solution.	Software as a Service/Cloud/ASP	< 100	Department				Medium	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Health Services	Medi-Cal Redesign System (MCALRS)	MCALRS is an AS/400 computer batch processing application used to match patient utilization account and detail transactions to financial class identification, billing, and payment resources to meet the requirements of Medi-Cal Redesign legislation and general financial reporting needs of the Financial Services Branch of DHS	In-house development	< 100	Department	2002 2010	< $50,000	100,000 to 1 million transactions	High	Accounting/Finance
Health Services	Medical Staff Database	Attendings database Track Attending Staff Appointments, licenses, privileges, credentials, and other Information. (User: Attending Staff Office)	In-house development	< 100	Department	2000		0		Department Mission/Service Delivery
Health Services	MedPeds Trax	Med+Peds Trax is an update of Asthma Trax. Both of these programs are disease management tools responsible for an electronic system which guides and assists in giving optimal delivery of care at the point of care. This disease Management software is critical to maintain our JCAHO Disease Management Accreditation in the long term.	COTS	< 100	Department	2008 2012			Low	Department Mission/Service Delivery
Health Services	MEDQUIST	Medical Transcription\dectation reporting systems - Interfaced with Quadramed Affinity	Vendor custom development	100 - 500	Department	2001 2007	< $50,000		High	Department Mission/Service Delivery
Health Services	mHUB	mHub is a web-based medical hub system for the Los Angeles County Violence Intervention Program to help replacing its paper-based patient-records system with the mHub web-based solution. In this web based application, the Violence Intervention Program is able to effectively communicate with DCFS and other entities dealing with Children and Family Services.	COTS		Department			0		Department Mission/Service Delivery
Health Services	Micromedix	Provide drug information and formulary to Pharmacy.	Vendor custom development	< 100	Department				Medium	Department Mission/Service Delivery
Health Services	MIDAS	The MIDAS product line was first developed in 1987 and acquired by Affiliated Computer Services, Inc. (ACS) in 1998. ACS MIDAS+ has over 800 clients nationwide and offers products involving patient care information management, such as, management of care coordination, quality, risk, clinical decision support, and provider information . MIDAS is used to support the patient throughput process using the following features/functions: Treatment Authorization Request Tracking (TAR) System - The TARs are tracked from admission through appeals and litigation. Midas interface with Affinity. The Affinity patient encounters (admissions/discharges and transfers) are downloaded from Affinity and uploaded into MIDAS Enter data (all admissions regardless of financial resource) in the Hospital Care Management function. Use Report Track function to generate Denied Days Reports. Future Plan involves replacing Affinity UM Module with MIDAS Hospital Case Management and MIDAS Interface to link to InterQual's Care Enhance Review Manager Enterprise (CERMe).	Vendor custom development	< 100	Department	2001 2011	$50,000 - $100,000		High	Department Mission/Service Delivery
Health Services	MISYS LABORATORY	Laboratory Information Systems that supports all labortory orders and results. A major critical system that supports the hospital and patient care. This system will be upgraded in 2012	COTS	100 - 500	Department	2006 2012	< $50,000		High	Department Mission/Service Delivery
Health Services	MModal (Medquist) SpeechQ	Medical Transcription/dictation/reporting systems - Interfaced with Quadramed Affinity and Quantim applications. Interface for Magview in progress as of 11/2012. Application used for Radiology and HIM	Vendor custom development	> 500	Department	2013	< $50,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Health Services	MModal Speech Q - Radiology Dictation System	Voice Recognition dictation for Radiology reporting. Speech Q allows radiologists to dictate, review and electronically sign their reports in one pass. It eliminates the need for transcription and interfaces RIS and PACS to facilitate the automatic pre-population of patient demographic information and upload of reports.	Vendor custom development	> 500	Department	2000 2013	< $50,000		High	Department Mission/Service Delivery
Health Services	Mmodal Transcription & Voice Recognition	Transcription Services agreement modified to include voice recognition services.	Software as a Service/Cloud/ASP	100 - 500	Contractor Site	2003 2014	$700,000 - $1,000,000		High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Health Services	Mobile Phone / Pager Tracking	Record/Track mobile phones and pagers that were assigned to employees	In-house development	< 100	Department		< $50,000	<100,000 transactions	Low	Office and Productivity Services/Management
Health Services	MRS	Mammography Reporting System	Vendor custom development	< 100	Department	2007 2013	< $50,000		Medium	Department Mission/Service Delivery
Health Services	Multiple Laboratory Instruments	Multiple laboratory instruments that use different type of applications.	Vendor custom development	< 100	Department				Medium	Department Mission/Service Delivery
Health Services	MUSE - Cardiology EEG System	Cardiology system that store EEG and EKG strips which allow cardiologists to read the strips and store images and report of patients.	COTS	< 100	Department	2001 2014	$100,000 - $350,000	<100,000 transactions	High	Department Mission/Service Delivery
Health Services	My Child	Abduction alert system (code Pink). All facilities have a tool for reporting Code Pink.	Vendor custom development	< 100	Department				Medium	Department Mission/Service Delivery
Health Services	Navicare Patient Safety - Beds Monitoring	Providing rich, real time data on all patient flow events. Making it easier than ever to translate that data into action. Dashboards enable you to immediately see the status of key performance indicators.	COTS	< 100	Department	2011		0		Department Mission/Service Delivery
Health Services	Netscout - Infinistream	LAN/WAN bandwidth monitoring, real-time statistical monitoring, packet troubleshooting/recording, intelligence analysis, response time analysis, and key performance indicators.	COTS highly customized	< 100	Department	2009 2013	< $50,000	100,000 to 1 million transactions	Medium	Technology Services/Management
Health Services	Netscout/ Infinistream	This application is for WAN bandwidth monitoring, realtime statistical monitoring, packet troubleshooting/recording, intelligence analysis, response time analysis, and key performance indicators.	COTS highly customized	< 100	Department	2009 2011	< $50,000	0	Medium	Technology Services/Management
Health Services	Neurocom Balance Master System	Used by clinician to assess and treat balance and vestibular disorders. Detailed reports and graphics are produced from multiple patient test/trials.	Vendor custom development	< 100	Department				Medium	Department Mission/Service Delivery
Health Services	Nova Glucometer	Glucose POCT - Point of Care Testing Glucose meters throughout hospital and clinics send test results to a network server at LAC+USC.	COTS	> 500	Department	2013		100,000 to 1 million transactions	High	Department Mission/Service Delivery
Health Services	Nspire Health - Pulmonary PFT	This is the pulmonary function test application. The results of the patient's performance during the PFT are stories in this system. A report is produced, the physician interprets it and the interpretation and the report are uploaded into Affinity Results Reporting.	COTS	> 500	Department	2011		0		Department Mission/Service Delivery
Health Services	Nuclear Medicine Data Collection System	System used by Radiology Department to Nuclear Medicine data.	Vendor custom development	< 100	Department				Medium	Department Mission/Service Delivery
Health Services	Numera FootPrints	Desktop Support automation application used to record and track desktop-related incidents and track their resolution. Also used to track other technology services activities (i.e., IS/IT Project implementation, Preventative Maintenance, hardware/software inventory).	COTS	> 500	Department	2011	< $50,000		High	Technology Services/Management
Health Services	Nurse Call System	Nurse Call system.	Vendor custom development	100 - 500	Contractor Site				Medium	Department Mission/Service Delivery
Health Services	OLR - On Line Requisition	Office commodities requesting and tracking system.	Vendor custom development	> 500	ISD/Downey	2008	< $50,000		Medium	Department Mission/Service Delivery
Health Services	Olympus - Endoworks 7 Gi Endoscopy	Application is an imaging system utilized by the GI Department to capture endoscopic procedures.	Vendor custom development	> 500	Department	2007 2010	< $50,000		High	Department Mission/Service Delivery
Health Services	Olympus Gi Endoscopy	Image capture and reporting system utilized in the Endoscopy department.	COTS	< 100	Department	2004	< $50,000		High	Department Mission/Service Delivery
Health Services	One Staff (McKesson) - Production	Nurse Scheduling system tracks nurse time for all hospitals enterprise wide and schedules nurses to determine if any shortfalls Oracle DB 10.1.4 Onestaff, Onestaff	COTS	100 - 500	Department	2005 2013	$100,000 - $350,000		High	Department Mission/Service Delivery
Health Services	Online Requisition (OLR)	DHS Wide Web-based Materials Management / Purchase Requisition System - MLK IT serves as liaison to local user access/functional issues and provides support to workstation and network specific issues.	Vendor custom development	> 500	ISD/Downey	2009	< $50,000	<100,000 transactions	Medium	Procurement/Supply Chain Services/Management
Health Services	OPIS Cerner Etreby Pharmacy	Outpatient Pharmacy System replacement.	COTS	100 - 500	Department	2014	$50,000 - $100,000		High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Health Services	Opportunity for Improvement	Clinical patient care quality improvement system.	In-house development	< 100	Department				Medium	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Health Services	ORCHID - Electronic Health Record (EHR) System	Enterprise Project. The EHR-ORCHID System will facilitate the transformation of the DHS system of care. It will integrate support across care settings, including the DHS inpatient facilities, outpatient departments and clinics, emergency departments, operating rooms, and ICUs.\n\nThe business objectives for the project are:\n1) Implement a centralized, standardized, enterkprise-wide EHR System (ORCHID) to ensure quality, consistent care.\n2) Meet meaningful use requirements under American REcovery and Reinvestment Act of 2009 (ARRA), to receive ARRA's incentives related to the achieving "meaningful user" and to avoid penalties for non-compliance with ARRA as a result of failing to achieve "meaningful use."\n3) Imiplement ORCHID in a nimble and timely manner.\n4) Some existing systems have to be interfaced with.	Vendor custom development		Contractor Site	2015	> $1,000,000		High	Department Mission/Service Delivery
Health Services	ORSA	Outpatient Reduce Cost Simplify Application System - DHS Wide Application	In-house development	< 100	Department	2003 2009			Medium	Department Mission/Service Delivery
Health Services	Orsos (Operating Room Scheduling Office System)	Operating Room Scheduling Office System	COTS	< 100	Department	1995 2011	< $50,000	<100,000 transactions	High	Office and Productivity Services/Management
Health Services	Ots - Overtime Reporting System	An automated system for tracking, approval of overtime usage within the facility.	In-house development	100 - 500	Department	2010	< $50,000		Medium	Accounting/Finance
Health Services	Outpatient Reduce Cost Simplify Application System	Outpatient reduce cost simplify application system used by Finance Department.	Vendor custom development	< 100	Department				Medium	Department Mission/Service Delivery
Health Services	Panic Alarm System	Panic Alarm System used in MLK Sheriff Station to monitor panic buttons throughout the campus. Integrated with the CCTV.	COTS highly customized	< 100	Department			<100,000 transactions	Medium	Department Mission/Service Delivery
Health Services	PARATA 2000 - LBCHC	This application improve the accuracy of the dispensing process through the use of barcode and automation. Dititize images of hard copy prescriptions and display the prescription image along with the drug image at the checking station for the pharmacist to verify the accuracy of the medication being dispensed.	Vendor custom development	< 100	Department	2008	< $50,000		Medium	Department Mission/Service Delivery
Health Services	PATCHLINK - IP MONITOR	Enables organizations to automatically detect risks, deploy patches and defend their information across a complex, highly-distributed environment with greater efficiency and minimal impact to productivity.	COTS	< 100	Department	2011		0		Technology Services/Management
Health Services	PATHLORE	Nursing class registration and reporting system Application maintained by Nursing.	COTS	< 100	Department	2013	< $50,000		Low	Department Mission/Service Delivery
Health Services	Patient Advocate Deficiencies	MS Access database to track patient advocate deficiencies.	In-house development	< 100	Department				Medium	Department Mission/Service Delivery
Health Services	Patient Complaint And Grievance Tracking	Track and monitor inpatient complaint and grievance including assignment, disposition and resolution. (User: Patient Guest Relations)	In-house development	< 100	Department	2009		0		Department Mission/Service Delivery
Health Services	Patient Education Videos	Patient Education Videos on CCTV.	In-house development	< 100	Department				Medium	Department Mission/Service Delivery

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Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Health Services	Patient Management System (PMS)	Provides for the management of managed care plan eligibility, benefits, and contracts in the Department of Health Services Office of Managed Care. This application is hosted at OMC. Patient Management System (PMS) is the core system for member enrollment/eligibility verification, claims processing, and customer services tracking for Managed Care Services. PMS is critical to providing health care and services to approximately 300,000 members enrolled in the Medi-Cal Managed Care, Healthy Way LA Unmatached Program, General Relief Program, Healthy Kids and In-Home Supportive Services Program. PMS is also the core system used to process member enrollment information for DHS programs.	Vendor custom development	> 500	Department	1983 2006	> $1,000,000	> 1 million transactions	High	Department Mission/Service Delivery
Health Services	Patient Safety Net	Web-based Application used for reporting Patient Safety or Near Missed Incident. Application/Service is hosted at UHC.	Software as a Service/Cloud/ASP	100 - 500	ISD/Downey		< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Health Services	Patient Safety Net (PSN) RISK MANAGEMENT - INCIDENT REPORTING DATABASE	Custom developed application by University HealthSystem Consortium (UHC) provides complete tracking and reporting of all incidents occurred DHS-wide.	In-house development	< 100	Department	1995 2000	< $50,000		High	Department Mission/Service Delivery
Health Services	Patient Satisfaction Survey	Collect data from patient satisfaction surveys analyze and generate customized reports for Patient Relations Department and Quality Improvement Department.	Software as a Service/Cloud/ASP	< 100	Department	2007	< $50,000	<100,000 transactions	Medium	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Health Services	PATTERSON DENTAL	Takes digital impressions and send them to a lab, mill unlimited restorations in your practice or explore related technologies like 3D digital imaging, CEREC provides the perfect solution for your practice.	COTS	< 100	Department	2011		0		Department Mission/Service Delivery
Health Services	PD -- E-mHUB application for DHS, DCFS and DPH	The E-mHUB application is web-based, and is available to all five (5) Medical Hub clinics of the Depatment of Health Services (DHS) facilities, and the satellite Medical Hub operated by LAC+USC Healthcare Network (LAC+USC MC) at MacLaren Children's Center in El Monte. E-mHUB allows patient medical information to be shared electronically between the Medical Hubs. This system provides the ability to track the health and mental health status of children in the child welfare system more efficiently, facilitates the provision of quality medical care, and coordinates services across departments.	Vendor custom development	100 - 500	ISD/Downey	2011	$350,000 - $700,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Health Services	PD -- Formtran for Itemized Data Collection (IDC)	The application from Formtran for IDC is used to document the outpatient medical data by encounter. IDC data includes patient demographics, visit information, diagnostic services, diagnosis, procedures, medications, and future appointment.	COTS highly customized	100 - 500	Department	1998 2012	< $50,000		High	Department Mission/Service Delivery
Health Services	PD DHS Radiology PACS - Fuji PACS Synapse System at (LAC+USC, OV/UCLA, H/UCLA, MLK, HD MACC, RLANRC)	Fuji PACS Synapse Radiology System provides clinical and diagnostic radiology software for Radiologists/Clinicians to perform diagnostic patient study image reads, reviews and reports which is interfaced from HIS. Interfaces currently to Affinity, Wellsoft, Vitrea 3D Recon, Kodak Dental systems, Cardiology ProSolv, Citrix, Radiology Modalities (ie CT, MRI, CR/Xray, UltraSound, Mammography, Nuclear Medicine, Angiography, Flouroscopy, etc.) at all DHS hospitals.	COTS	> 500	Department	2005 2010	> $1,000,000	> 1 million transactions	High	Department Mission/Service Delivery
Health Services	PD DHS Radiology PACS - MModal SpeechQ System for Radiology at (LAC+USC, OV/UCLA, H/UCLA, MLK, HD MACC, RLANRC)	MModal SpeechQ Radiology System provides clinical and diagnostic radiology dictation/transcription software for Radiologists/Clinicians to perform diagnostic patient study image dictation and transcription using voice recognition technology which is interfaced from HIS. Interfaces currently to Affinity, Wellsoft, Citrix, Radiology Modalities (ie CT, MRI, CR/Xray, UltraSound, Mammography, Nuclear Medicine, Angiography, Flouroscopy, etc.) at all DHS hospitals.	COTS		Department	2011		> 1 million transactions	High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Health Services	PD ICS - Infection Control System - Atlas Guardian	The Atlas Guardian Infection Control Software (AGICS) is planned for implementation at the four acute care hospitals, including Rancho Los Amigos National Rehabilitation Center, Los Angeles County USC Medical Center, Olive-View UCLA Medical Center, and Harbor UCLA Medical Center,. AGICS will analyze infection control data, communicate this information to providers, and allow for expedited care and treatment for patients in our system. AGICS software will assist the IPs in rapidly identifying emerging infection risks enabling the IP to act quickly and prevent any further transmission of disease. Rapid notification of infectious agents improves patient outcomes by supporting swift initiation of appropriate therapies, reducing the risk of infectious disease spread, and reducing hospital stays ultimately leading to improved health status and quality of life for the patient. AGICS is a comprehensive infection control information system that will allow for timely reporting of laboratory tests and cultures. AGICS will serve as both the primary repository of information as well as the primary method for internal and external communications concerning outbreaks and syndromic surveillance activities. A centralized database which contains infectious disease data will facilitate reporting to regulatory agencies and treatment of infections.	COTS highly customized	100 - 500	Contractor Site	2013	$350,000 - $700,000	> 1 million transactions	High	Department Mission/Service Delivery
Health Services	PD LAB - Apollo Pathology PACS OV/UCLA MC Life Cycle Mgmt	Provide patient Picture Archiving System for Anatomic Pathology using CoPath at OV/UCLA MC.	Vendor custom development	< 100	Department	2006	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Health Services	PD LAB - Mediware HCLL Blood Bank/Donor H/UCLA MC/LAC+USC Life Cycle Mgmt	Provide Blood Banking and Donor management system fro tracking patient blood bank activities.	Vendor custom development	< 100	Department	2011	$100,000 - $350,000		High	Department Mission/Service Delivery
Health Services	PD LAB - Sunquest CoPath Anatomic Pathology System Life Cycle Mgmt	Provide a system to record and report Pathology patient data and data retention as required by Federal mandates.	Vendor custom development	100 - 500	Department	2004 2013	$50,000 - $100,000	<100,000 transactions	High	Department Mission/Service Delivery
Health Services	PD LAB - Sunquest Lab System ELIS (LAC+USC, RLANRC, MLK, HDHS) Life Cycle Mgmt	Sunquest Lab System provides clinical laboratory software for ordering (interfaced from HIS) and resulting (interfaced to HIS). Interfaces currently to Affinity, Eclipsis, EDR to i2i, Mediware Blood Bank, CoPath, Apollo, Wellsoft.	Vendor custom development	> 500	Department	1999 2015	$700,000 - $1,000,000	> 1 million transactions	High	Department Mission/Service Delivery
Health Services	PD LAB - Sunquest Lab System ELIS Blood Bank RLANRC/MLK	Blood Bank Module of the Sunquest Lab System. Provides recording of transfusion services in accordance with FDA requirements and allows merging with electronic information within the Sunquest Laboatory Information System and reports to the Affinity HIS via Sunquest Results Reporting Interface.	Vendor custom development	< 100	Department	2013	< $50,000	<100,000 transactions	High	Technology Services/Management
Health Services	PD LAB - Sunquest Lab System ELIS Collection Manager LAC/RLANRC Life Cycle Mgmt	Provides real-time bedside specimen collection, and live label generation for system determined collection tubes. Operational at RLANRC and LAC+USC.	Vendor custom development	< 100	Department	2012	< $50,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Health Services	PD LAB - Sunquest Lab System H/UCLA MC Stand Alone Life Cycle Mgmt	Sunquest Lab System provides clinical laboratory software for ordering (interfaced from HIS) and resulting (interfaced to HIS). Interfaces currently to Affinity, Eclipsis, EDR to i2i, Mediware Blood Bank, CoPath, Wellsoft.	Vendor custom development	100 - 500	Department	2006	$350,000 - $700,000	> 1 million transactions	High	Department Mission/Service Delivery

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Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Health Services	PD LAB - Sunquest Lab System OV/UCLA MC CoPath Anatomic Pathology Life Cycle Mgmt	Provide a system to record and report Pathology patient data and data retention as required by Federal mandates. CoPath Linked to the Apollo PACS (Medical Imaging for CoPath). Other Interfaces: ICS, EDR, Affinity, Quest, Focus, PHL, ELIS, PH, Wellsoft.	Vendor custom development	< 100	Department	2004 2014	< $50,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Health Services	PD LAB - Sunquest Lab System OV/UCLA MC Stand Alone Life Cycle Mgmt	Clinical Laboratory Information System	Vendor custom development	100 - 500	Department	2002 2014	$350,000 - $700,000	> 1 million transactions	High	Department Mission/Service Delivery
Health Services	PEMSOFT	This application assists emergency and transport physicians, paramedics, office-based parctitioner's and in-hospital nurses and physicians by providing key management information in seconds.	COTS	< 100	Department	2007	< $50,000	0		Department Mission/Service Delivery
Health Services	Penrad - Mommography System	PenRad MIS improves mammography reporting workflow while offering faster turnaround time for exams. By automating tasks and eliminating duplication, secondary data input and transcription, PenRad MIS dramatically increases productivity, all while reducing reporting costs.	Vendor custom development	100 - 500	Department	2003 2009	< $50,000		High	Department Mission/Service Delivery
Health Services	Pharmacy - Drug Inventory System	System for tracking and establishing reorder point for Pharmacy drug inventories.	In-house development	< 100	Department	2008	< $50,000		Medium	Procurement/Supply Chain Services/Management
Health Services	Pharmacy 2000	Pharmacy 2000 is the Pharmacy's clinic despensing sytem and is under going an update to the latest hardware and software version. We have provisioned new servers and upgrade to the latest 6.X software.	COTS		Department			100,000 to 1 million transactions	High	Department Mission/Service Delivery
Health Services	Pharmacy eRecovery	Recover the cost of medications used in the treatment of uninsured patients	Software as a Service/Cloud/ASP	< 100	Contractor Site	2007	< $50,000	<100,000 transactions	Medium	Procurement/Supply Chain Services/Management
Health Services	Pharmacy OneSource	Pharmacists intervention, error documentation and reporting.	Vendor custom development	< 100	Department				Medium	Department Mission/Service Delivery
Health Services	Pharmacy OneSource Quantifi	Used by the pharmacists to document and monitor their clinical interventions, medication errors, and adverse drug reactions via the web. Pharmacy managers run reports right to identify, trends in intervention acceptance, time spent doing clinical activities, and costs avoided.	Vendor custom development		Department			0		Department Mission/Service Delivery
Health Services	Philips - ISite Viewer	Allow providers to view diagnostic images and reports of patients at 3 major DHS Med Centers via established trust (Olive View, Harbor UCLA, and LAC+USC) no matter which 3 site the patients are at or go to.	Vendor custom development	> 500	Department	2002 2008	< $50,000		High	Department Mission/Service Delivery
Health Services	Philips - Vascular Imaging Surgery System	Imaging system in which it provides 3D vascular visualization during procedures.	Vendor custom development	> 500	Department	2007	< $50,000		High	Department Mission/Service Delivery
Health Services	Philips - Witt System	Procedure report charting/documenting system used by CathLab. System interfaces with Xcelera to import images for the reports.	Vendor custom development	> 500	Department	2007 2008	< $50,000		High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Health Services	PHILIPS - XCELERA	Picture Archiving and retrieval system for Cardiology. Interfaced with Hospital Information System which includes order entry, result reporting and admission discharge and transfer.	Vendor custom development	100 - 500	Department	2006 2013	$50,000 - $100,000		Medium	Department Mission/Service Delivery
Health Services	PHILIPS - XCELERA CATHLAB CAPTURE SYSTEM	Image management system used in cardiology cath. lab.	Vendor custom development	100 - 500	Department	2002 2007	$50,000 - $100,000		High	Department Mission/Service Delivery
Health Services	PHILIPS - XCELERA ECHO CAPTURE SYSTEM	Image management system used in Echo Lab. It is an Echo Cardiogram Picture Archiving System. Captures ultra sound images of cardio.	COTS	100 - 500	Department	2000 2007	< $50,000		High	Department Mission/Service Delivery
Health Services	Philips iSite	iSite is an enterprise-wide web-based medical image distribution solution for clinicians to share images, colaborate and determine course of treatments. The initial focus of the application is Cardioloty images, i.e., ECHO and Cardiac Catherizations. The application interfaces with the Philips Xcelera Cardiology PACS and Quadramed Affinity.	COTS highly customized	100 - 500	Department	2010	< $50,000		Medium	Department Mission/Service Delivery
Health Services	PHILIPS I-SITE PACS SYSTEM	Multi-Modality picture archiving and retrieval system. System to facilitate the sharing of image data among the various DHS hospitals.	Vendor custom development	> 500	Department	2006 2012	$50,000 - $100,000		Medium	Department Mission/Service Delivery
Health Services	Philips Monitor Data Capture	Capture patient vital sign Includes interface between Philips Patient Monitoring System and Quadramed Affinity. IP electronic data monitors capture implemented. Jan 2014 Patient monitoring installed in new Surgery Emergency Building for both Surgery and ED services.	COTS highly customized	100 - 500	Department	2007 2009	< $50,000		Medium	Department Mission/Service Delivery
Health Services	Philips Tracemaster Vue	System utilized for Cardiology that interface with hospital information systems. Contains order entry, result reporting, admission discharge and transfer.	COTS	< 100	Department	2001 2010	< $50,000		Medium	Department Mission/Service Delivery
Health Services	Philips Xcelera Cardiology System	Cardiology PACS for ECHOs and Cardiac Cath studies. Includes interface with QMED Affinity for patient demogrpahic, orders and results. Also includes interface to modalities to create worklists. Sends dicom images directly from modalities to cardiology PACS.	COTS	> 500	Department	2006 2011	< $50,000		High	Department Mission/Service Delivery
Health Services	Physician Sign-Out System	CUSTOM APPLICATION UTILIZED BY INPATIENT PHYSICIANS TO COMMUNICATE NOTES REGARDING THE PATIENTS WHEN SHIFT CHANGES OCCUR.	In-house development	100 - 500	Department	2010 2012	< $50,000		High	Department Mission/Service Delivery
Health Services	PO.NET (PERFORMANCE OUTCOME.NET)	Web-based reporting system for fiscal budget, general ledger responsibility (Sand S), and departmental performance measures	In-house development	100 - 500	Department	2006	$50,000 - $100,000		High	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Health Services	Pointsec	Laptop encrytion program.	COTS highly customized	100 - 500	Department	2008 2009	< $50,000		0	Department Mission/Service Delivery
Health Services	POINTSEC ENCRYPTION	Desktop and laptop encryption	COTS highly customized	100 - 500	Department	2007 2008	< $50,000	100,000 to 1 million transactions	0	Department Mission/Service Delivery
Health Services	Policy & Procedure Manager	Web-based system to automate the review and approval of facility policy and procedure.	Vendor custom development	> 500	Department	2008 2010	< $50,000		Medium	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Health Services	Policy Manager	System allows input/tracking/edited/publishing of facility Policies and Proceduers	Vendor custom development	100 - 500	Department	2010 2013	< $50,000		Medium	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Health Services	PRESSURE ULCER TRACKING	Corrective Action tracking for Pressure Ulcer cases (User: CNDs, ANDAs, DHS, Risk Management)	In-house development	< 100	Department	2012			Medium	Department Mission/Service Delivery
Health Services	ProSolv	Cardiology PACS system.	Vendor custom development	< 100	Department				Medium	Department Mission/Service Delivery
Health Services	PSA Pressure Mapping	Used by clinicians to assess and treat abnormal or excessive sitting pressures in persons who use a wheelchair and are at risk for developing pressure sores. Provides detailed graphics in multiple colors are produced from multiple patient test/trials.	Vendor custom development	< 100	Department				Medium	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Health Services	PSCAS	Department wide system maintained by ISD/ITS. Pharmacy prescription entry system pharmacy stock control and audit system unit dose/intravenous medication system and requisition system.	Vendor custom development	< 100	ISD/Downey	1972 1999	$50,000 - $100,000		Medium	Department Mission/Service Delivery
Health Services	PSCAS - ISD/DHS LAN PHARMACY SYSTEM	PASCAS is the patient medication managment database.	Vendor custom development	100 - 500	Department	1998 2007	< $50,000		High	Department Mission/Service Delivery
Health Services	PSCAS - PADI	Outpatient Pharmacy system.	Vendor custom development	< 100	ISD/Downey	2007			Medium	Department Mission/Service Delivery
Health Services	PSCAS (Inpatient)	Outpatient Pharmacy Web system.	Vendor custom development	< 100	ISD/Downey	1984 2007	> $1,000,000		High	Department Mission/Service Delivery
Health Services	PSCAS (Online)	Inpatient Pharmacy sytem.	Vendor custom development	< 100	ISD/Downey	2007			Medium	Department Mission/Service Delivery
Health Services	PSCAS (Outpatient)	Online prescription writing tool - Electronic medication reconcillation. (WebRX)	Vendor custom development	< 100	ISD/Downey				Medium	Department Mission/Service Delivery
Health Services	PSCAS WebRx	Online prescription writing tool - Electronic Medication Reconciliation	COTS	100 - 500	ISD/Downey	2004	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Health Services	PSN - Patient Safety Net	Web-based reporting of any incident to patient and non-patient at the hospital.	Software as a Service/Cloud/ASP	100 - 500	Contractor Site				Medium	Department Mission/Service Delivery
Health Services	PYXIS	Drug dispensing machines Pharmacy maintains application. IT supports intefaces and servers. All IP areas installed ER PYXIS Machines installed. Planned OR PYXIS machines in 2012. January 2014 - Pyxis medication cabinets to be installed in new Surgery Emergency Room Building.	Vendor custom development	> 500	Department	2007 2011	$50,000 - $100,000	100,000 to 1 million transactions	Medium	Department Mission/Service Delivery
Health Services	QMDC - AFFINITY	Hospital Information System that supports all major patient care and finance functionalities including extensive report writing capabilities. Includes several modules, such as: ADTR , Patient Accounting , Order Management, Department Manager, Health Notes, Patient Charting, Patient Accounting, Patient Scheduling, Utilization Mnagement, HIM (MRA, MRC, DRG) , Quantim EDM Modules, Prescription Writer.	COTS highly customized	> 500	Department	1998 2011	> $1,000,000		High	Department Mission/Service Delivery
Health Services	Q-Path	The upgrade for SWS the UltraSound image centralization applicatrion for the ED. It decentralizes photographic eye images and makes them available on any department PC. It has still image and video playback capabilities.	COTS	< 100	Department				Medium	
Health Services	QUADRAMED - PRECISE ID/SMART ID	Precise ID delivers fast, accurate patient identification and effective prevention of patient-identity errors. Precise ID has a highly intuitive interface and advanced probabilistic matching capabilities. Benefits to utilization of this application includes: eliminates patient identity errors, reduces exposure to risk, eliminates duplicate records, improves patient safety, and improves efficiency and staff productivity. SmartID prevents patient identity errors, reduces duplicate records, and increases patient safety by bringing advanced probabilistic matching tools to the patient record search and selection process. Results are sorted based on the likelihood that records match and presented in a ranked and color-coded display, so that you only need to review the top choices and select the correct patient record. SmartID ensures that Registration and Scheduling staff members select the right patient record, every time. Benefits to ulitization of this application include: Improved accuracy of patient identification, increased patient safety, and reduction in medical record duplication.	Vendor custom development	> 500	Department	2006 2008	< $50,000		High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Health Services	QUADRAMED - SMART MERGE	SmartMerge is an application that allows for fast and efficient identity-error management and resolution,. SmartMerge improves the task of merging duplicate patient identifiers in your Master Patient Index (MPI) by displaying and categorizing all duplicate and multiple person identifiers. This module enables sophisticated duplicate record management, flagging, workflow, and reporting. Individual errors or groups of errors can be quickly reviewed, managed, and addressed. Benefits to utilization of this module include: Quickly reviewing patient identity errors, decreases time to achieve a clean MPI, and improves the process of merging duplicate patient identifiers in the MPI.	Vendor custom development	> 500	Department	2006	< $50,000		High	Department Mission/Service Delivery
Health Services	QUADRAMED AFFINITY	Hospital Information System.	COTS highly customized	100 - 500	Department	1989 2011	> $1,000,000		High	Department Mission/Service Delivery
Health Services	QuadraMed Affinity; MPI; Quantim, Clinical Workstation applications	Affinity Precise ID ADTR Schedule View/ Pt Scheduling MR Index MR Abstractin/DRG Utilization Mgmt Quality Mgmt Order Management/Enhanced Results Reporting Department Management Health Notes Clinical Documentation (including Patient Charting) MPI SmartMerge, Smart ID Quantim Record Management Correspondance Management EDM Clinical Access/Clinical workstation Clinician access/documentation eSignature-scheduled 2012 Clinical Access/Clinical Work Station Live April-2012-HHH CHC 2013 MLK	Vendor custom development	> 500	Department	1997 2011	> $1,000,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Health Services	Quadramed CPA-PM	Performance Measurement - Cost Profitability Analyzer. Functions as a financial data analyzer with preset reports for analysis	Vendor custom development	< 100	Department	2006 2008	< $50,000		High	Department Mission/Service Delivery
Health Services	QUADRAMED INPATIENT PHARMACY	Hospital Inpatient Pharmacy Management Information System. The purpose of this software is to provide inpatient physicians to review the patient's home medication (continue or discontinue), review the current IP medications (continue or discontinue) and to prescribe additional medications in preparation for the discharge of the patient. The software promotes legible prescriptions that are given to the patient to be filled within our facility and/or outside our facility pharmacy. In addition, it promotes the retention of medications. The software provides for Medication Reconciliation and legible prescription which are mandated by JCAHO. 2012: Planned roll out to OP clinics 2013: Cerner OP pharmacy system will be installed prior to Cerner Millenium system implementation.	COTS	< 100	Department	2006 2012	$100,000 - $350,000		High	Department Mission/Service Delivery
Health Services	QUADRAMED MPI APPLICATION	System for identifying and the resolution of duplicate patient medical record numbers.	Vendor custom development	100 - 500	Department	2007	$50,000 - $100,000		Medium	Department Mission/Service Delivery
Health Services	QuadraMed MPIspy	A hospital index for complete patient identification management system. Enterprise project - MPI Cleanup was completed in 2012. Facility HIM, Finance and IT staff utilize MPI SmartMerge reports for statistical and duplicate MRN resolution.	COTS	100 - 500	Department	2006 2011	$50,000 - $100,000		High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Health Services	QuadraMed Quantim (EDM & HIM)	EDM HIM (Hospital Electronic document Management System for patient documents and images.) Objective of the project is to scan all Clinical and financial documents and to migrate from paperbased Medical Record to an Electronic Based record. As of Jan 2011, IP, ER and Urgent Care documents are being scanned and viewable on-line via Quantim EDM application.\n\nOP scanning Phase I was completed in 2011.\nOP Scanning phase II (N24 clinics) was completed in 2012.\nOP Scanning Phase III (TBD Clinic locations) will be completed in 2013 pending approval of HIM budget requests.\n\nClinical Archiving implemented in 2010-2011 with electronic transfer of data/forms from Affinity to Quantim that eliminated manual scanning.	COTS	> 500	Department	2006 2011	$100,000 - $350,000		High	Department Mission/Service Delivery
Health Services	QuadraMed SmartSwipe	This application will allow the registration staff to slide California Driver Licenses or ID and pull the identity directly from QuadraMed's Affinity System. This bring the patient information to the registration screen without the need for typing it in and will reduce duplicate creation of Medical Record numbers.	Vendor custom development	100 - 500	Department	2014	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Health Services	Quality Link	Quality Management / Compliance System used in Pathology	COTS	< 100	Department			<100,000 transactions	Medium	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Health Services	QUANTIM - DOCUMENT IMAGING SYSTEM (QEMD)	Quantim Electronic Document Management (QEDM) enhances patient safety by providing the organization with immediate and concurrent access to current and historical patient information. It provides secure and comprehensive collection of patients' legal medical records categorized by episode of care or all in one record view access. Benefits to utilization of this application include: Provides fast, easy access to a consolidated patient record, supports remote coding initiatives, reduces physical storage space requirements and cost, facilitates the transition from paper to electronic medical records, significant decrease in medical records not being located, and it allows for more than one professional or provider to review/access medical record at any given time.\nQuantim Compliance allows the user/facility to manage and monitor inpatient and outpatient coding in real time and avoid downstream audits, penalties, and compliance issues. Application is customize to facility-defined, payer-specific, RAC-issues edits, Quantim Compliance meets the facilities unique business needs with its customizable reporting options. This solution integrates seamlessly with Quantim Coding. Benefits to utilizing this application include: Reduces time spent ensuring medical necessity, improves the reliability of your healthcare system's reimbursement processes, minimizes risk of compliance penalties, and it enables documentation, reporting, and benchmarking.	Vendor custom development	> 500	Department	2006 2008	< $50,000		High	Department Mission/Service Delivery
Health Services	Quantim (Nuance)	QuadraMed's Quantim suite of products to enable electronic document (imaging) management. This initiative bridges our heavy paper medical record environment to an electronic medical record environment. The Quantim Suite of products include implementation of the following modules: Chart Completion, Correspondence Management/Release of Information, Facility Coding, Inpatient and Outpatient Compliance, Electronic Document Management (EDM) and E-Signature and the JReport Report Writer.	COTS highly customized	> 500	Department	2009	< $50,000		High	Department Mission/Service Delivery
Health Services	Quantim EDM	The QuadraMed Quantim suite of applications replace the Affinity Health Information Management applications for the Health Information Management Department. The applications proivde Record Management, correspondence Management, Electronic Documentation Management (EDM), etc.\nWe are currently completing the roll out process of the Quantim EDM phase of this project.	Vendor custom development	100 - 500	Department	2010 2014	$50,000 - $100,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery

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Health Services	QUANTIM EDM REVENUE MANAGEMENT	FINANCIAL RECORDS DOCUMENT MANAGEMENT SYSTEM.	COTS	100 - 500	Department	2012 2013	$50,000 - $100,000		Medium	Accounting/Finance
Health Services	QUANTIM HIM / EDM	Medical records electronic document imaging system. Interfaced with Hospital Information System.	Vendor custom development	100 - 500	Department	2009 2010	$50,000 - $100,000		Medium	Department Mission/Service Delivery
Health Services	R4 ULTRASOUND REPORTING SYSTEM	Ultrasound reporting system utilized in fetal assessment area.	COTS highly customized	< 100	Department	2010 2013	< $50,000		High	Department Mission/Service Delivery
Health Services	Rancho Surgical Ledger System	Surgery log prior to CoPath.	Vendor custom development	< 100	Department				Medium	Department Mission/Service Delivery
Health Services	REALTIME NETORK MONITORING /SYSLOG	This application monitor and log of all network related equipment event in realtime from firewall authentication status, network configuation change to firewall alert and IP communication.	COTS highly customized	< 100	Department	2006			0	Technology Services/Management
Health Services	ReddiNet	Track status of emergency rooms and bed, used in diaster planning for MACC.	Vendor custom development	< 100	Department				Medium	Department Mission/Service Delivery
Health Services	Rees Temperature Monitoring System	Refrigerator and freezer temperature monitor/alert system used in Pharmacy and various clinics. Temperature data are sent to server in the laboratory via proprietary wireless collectors. Web-based remote console monitor probes at different locations.	COTS	< 100	Department		< $50,000	<100,000 transactions	Medium	Office and Productivity Services/Management
Health Services	Referral Processing System (RPS)	DHS Wide web-based application to manage referrals from physicians and other facilities. Being replaced by eConsult/eReferral	Software as a Service/Cloud/ASP	< 100	Department	2007	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Health Services	Repository.Net	.Net program for Clinical Data Repository Reports.	In-house development	< 100	Department				Medium	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Health Services	Respiratory VMAX Inerface	An electronic data interface to Quadramed Affinity HIS from the respiratory VMAX software.	COTS	< 100	Department	2014			High	Department Mission/Service Delivery
Health Services	RESPOND SYSTEM		COTS	< 100	Department	2003 2007	< $50,000		High	Department Mission/Service Delivery
Health Services	Retinal Photo	Retinal Photo system take images of patient eyes for clinician that allow eye examination.	COTS	< 100	Department	2001 2014	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Health Services	Retinal Scan Application	Used to scan images of patient eyes for physican examination and treatment	Vendor custom development	< 100	Department	2010			Medium	Department Mission/Service Delivery
Health Services	Revenue 360	Med-Cal eligibility.	Software as a Service/Cloud/ASP	< 100	Department				Medium	Department Mission/Service Delivery
Health Services	Revenue 360 (Verilink)	Revenue 360 is used to verify Medicare/Medical HMO eligibility. Also used to verify valid postal mailing addresses as well as verifying some demographic information.	COTS	< 100	Department				High	Accounting/Finance
Health Services	Revenue Maximizer	Revenue Maximizer is an add-on-module used to capture specific charges that are based on actual usage of resources, resulting in additional revenue. For instance, it processes charges for things like anesthesia, recovery room, inventory, and user-defined and miscellaneous charges.	Vendor custom development	< 100	Department			<100,000 transactions	Low	Office and Productivity Services/Management
Health Services	RIDE SHARE PROGRAM	Track employees work schedule, transportation mode (car pool, etc.) (User: Facilities Mgmt)	In-house development	< 100	Department	2004 2007	< $50,000		High	Department Mission/Service Delivery
Health Services	RPS Referral Processing System	DHS Web-based application for the management of referrals from physicians and other facilities.	Software as a Service/Cloud/ASP	< 100	Department	2007			Medium	Department Mission/Service Delivery
Health Services	RTIS.NET (Rehabilitation Therapy Information System)	Automates the completion of the IRF-PAI, clinical documentation and charging, a federal mandate.	In-house development	100 - 500	Department	2005	$50,000 - $100,000		High	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Health Services	Safend	This application monitors/encrypts network traffic and coordinates and applys security policies.	COTS highly customized	100 - 500	Department	2009	< $50,000		Low	Technology Services/Management

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Health Services	Safend Protector	This application monitors/encrypts real-time traffic and applies customized, highly-granular security policies over all physical, wireless and storage interfaces of external PC devices. Enterprise application. LA County standard. Funded at the Enterprise level. The Harbor-UCLA Safend Encryption application was successfully implemented on June 6, 2012. The Safend application encrypts external hard drives, flash drives and other devices that contain memory. This end-point solution is installed on over 3000 coastal cluster PCs.	COTS highly customized	> 500	Department	2009 2013	< $50,000	> 1 million transactions	High	Technology Services/Management
Health Services	Scottcare Cardiovascular Solutions	Used by clinicians to assess cardio responses to exercise and activity. Provides detailed, real-time information about patient's EKG readings. Detailed reports and graphics are produced from multiple patient test/trials.	Vendor custom development	< 100	Department				Medium	Department Mission/Service Delivery
Health Services	Smart Merge	Used by HIM for PF numbers and patient demographics	Vendor custom development	100 - 500	Department	2008	$50,000 - $100,000		Medium	Department Mission/Service Delivery
Health Services	Smart Pumps	Alaris smart pumps are for IV medication therapy. Pumps calculate mL (cc) per hour base on the ordered dose to ensure patient safety. Alaris smart pumps alert users low and high safe dose ranges. Some meds are set to have hard stops if user program a higher than safe limit. Alaris smart pumps require user to scan patient and clinician ID for accountability. NIS is able to run all transaction report by going to the vendor's website. Current dataset version: 9.38	COTS		Department			0		
Health Services	Smart Wheel	Used by clinician to assess the forces produced on the wheel as a patient propels the wheelchair.	Vendor custom development	< 100	Department				Medium	Department Mission/Service Delivery
Health Services	Startel	Automated telephones distribution system to answer patients call in.	COTS highly customized	< 100	Department	1997 2000	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Health Services	STDV - LAC+USC Electronic Data Repository	STDV (Secondary Transnational Data Volume) is to store VISIT and Patient specific information from Hospital Information Systems. Each visit tied to Diagnosis, Procedure (CPT and ICD9), insurance, OM, Encounter, Transcription, UR and Pharmacy information. Patient Specific tied to demographic, allergy and advance directive.	In-house development	100 - 500	Department	2006 2007	< $50,000		High	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Health Services	Storagecraft - Servers Backup Software	Provides fast and reliable disaster recovery, data protection and system migration to get servers online as quickly as possible, including bare metal recovery to the same system, dissimilar hardware or to and from virtual environments. Protect your entire network.	COTS	< 100	Department	2011		0		Department Mission/Service Delivery
Health Services	Sunquest - Clinical Laboratory Information System	Comprehensive laboratory system which including Blood Bank, Microbiology and Pathology Transcription System. Receives all laboratory orders, accessions and generates results.	Vendor custom development	100 - 500	Department	2003 2012	$50,000 - $100,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Health Services	Sunquest - Copath System	Anatomic Pathology - Specimen Analysis and Diagnosis. The system captures Images, diagrams or data from speech recognition systems and provides the ability to customize and share the complex information produced by anatomic pathology, cytology and cytogenetics departments. Healthcare providers can access information from multiple sources, from automatic faxing to electronic transmission to EMRs (Electronic Medical Records).	Vendor custom development	< 100	Department	2003 2011	< $50,000		High	Department Mission/Service Delivery
Health Services	Sunquest Laboratory	Lab. Hospital Information System.	COTS highly customized	100 - 500	Department	2002 2007	$50,000 - $100,000		High	Department Mission/Service Delivery
Health Services	Synapse	Fujifilm's medical imaging and information management system, SYNAPSE allows the archiving and distribution of vast amounts of image information from all modalities, managing it all with a single system. With the first comprehensive PACS (Picture Archiving and Communication System) with next-generation Web technology, SYNAPSE utilizes the latest Wavelet compression technology for on-demand compression and access of large files quickly and easily regardless of location. SYNAPSE has revolutionized the management of radiology imaging services, supporting image diagnosis with high-quality images, numerous image processing features and easy operation, affording exciting new possibilities in this rapidly evolving medical field	COTS	100 - 500	Department	2007	< $50,000		High	Department Mission/Service Delivery

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Health Services	Synergy	The Synergy Ophthalmic Data management system centralizes all of the ancillary testing for a given patient so that should we have to look up and analyze different ancillary test performed on a patient, all data can be retrieved from one sitting, from one program, having logged in once. Furthermore, the Synergy system has some additional features that can help our physicians provide better patient care. The Synergy system also has complete interoperability between ophthalmic devices and EMRs/EHRs.	Vendor custom development	100 - 500	Department	2009	< $50,000		High	Department Mission/Service Delivery
Health Services	Talyst - Barcoding Pre-Packing	Pharmacy medication label barcoding pre-packing system.	Vendor custom development	< 100	Department				0	
Health Services	Talyst Pharmacy Carousel	Automated drug dispensing system that manage pharmacy inventory and billing.	COTS	100 - 500	Department	2010	< $50,000		High	Department Mission/Service Delivery
Health Services	Tamis - Biomedical Equipment Inventory System	Maintains medical equipment inventory and tracks preventive and corrective maintenance records.	Vendor custom development	> 500	Department	1999 2007	< $50,000		High	Department Mission/Service Delivery
Health Services	Tar .Net (Treatment Authorization Management System	CUSTOM APPLICATION UTILIZED IN TRACKING TREATMENT AUTHORIZATIONS.	In-house development	< 100	Department	2011 2013	< $50,000		Low	Department Mission/Service Delivery
Health Services	TB EXPOSURE TRACKING	Track and monitor employees and patients exposed to Tuberculosis (source and exposed), date of exposure, PPD, CXR and follow-up test and result (User: EHS)	In-house development	< 100	Department	2006			Medium	Department Mission/Service Delivery
Health Services	Telcor	Gathers data (test results, and in some case orders) from a wide variety of point of care testing devices, prepares that dat for transfer into Sunquest Laboratory Information system, which in turn transmits it to Affinty for clinical results reporting.	COTS	100 - 500	Department	2005 2012	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Health Services	Telephone Abstract	Track and document patient's call to Referral Center regarding medical issues, when call was made, provider response, disposition, when call was completed, etc. (User: Referral Center).	In-house development	< 100	Department	2010			0	Department Mission/Service Delivery
Health Services	Teletracking - Room And Bed Master	Bed cleaning management system. EVS manages their workload for cleaning beds in the inpatient setting Bed Control and Patient Flow uses the electronic board to track bed status for bed availability. Nursing Services uses the application to manage patient transportation within our facility.	Vendor custom development	100 - 500	Department	2007 209	< $50,000		High	Department Mission/Service Delivery
Health Services	TEMIS - Ambulance's Patient Condition Information	When an ambulance calls in to LAC+USC ER, information is conveyed about the patient condition and information. ER Nurse inputs the information collected to a form. The form information is then input to TEMIS application and then transported to Lancet for patient care treatment.	COTS	< 100	Department	2006	< $50,000		High	Procurement/Supply Chain Services/Management
Health Services	TMS	Medical Equipment Inventory and Service Tracking System	COTS highly customized	< 100	Department	2008 2014	< $50,000	<100,000 transactions	High	Office and Productivity Services/Management
Health Services	Tracemaster ECG management system	Phillips TraceMaster ECG Management System. This system automates the processing. Storage and distribution of ECG data acquired from mobil ECG carts. Supports EHR strategy by allowing for electronic copies of images and interpretive reports.	COTS	100 - 500	Department	2008 2011	< $50,000		High	Department Mission/Service Delivery
Health Services	TrackIT Help Desk Management	Help Desk Management Tool to issue and track work order for IT support and service to ensure IT issues are handled and completed timely. This application will be retired over the next year or two as we phase in the replacement application-Foothprints	COTS highly customized	< 100	Department	2006	$50,000 - $100,000	<100,000 transactions	Medium	Technology Services/Management
Health Services	Transcription for HIM	Transcription services for Radiology SpeechQ speech recognition.	Vendor custom development		Department				Medium	Department Mission/Service Delivery
Health Services	Transcription for Radiology	Outpatient Pharmacy notification.	Vendor custom development		Department				Medium	Department Mission/Service Delivery
Health Services	Trans-Lux	Transcription services for HIM transcription. M*Model.	Vendor custom development	< 100	Department				Medium	Department Mission/Service Delivery
Health Services	Trauma Surgery Consult	Track trauma surgery consult, diagnosis, image checklist for ER patients (User: Trauma Surgery, ER).	In-house development	< 100	Department	2011	< $50,000		High	Department Mission/Servioa Delivery

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Health Services	Treatment Authorization Request	A web based application to provide medical billing.	In-house development		Department				0	
Health Services	Varian	Radiation oncology information system and image management application that handles all aspects of oncology care for patients. It combines radiation, medical and surgical oncology information into a complete, oncology-specific EMR to manage the patient's entire journey from initial diagnosis through post-treatment follow-up.	COTS		Department				0	
Health Services	VERINFORM	Verinform is a residency management program that maintains all residency training program information, including trainees, faculty at the program level. The data is then roled up to provide institution-wide educational and financial reporting. Has customizable forms and reports.	Vendor custom development	> 500	Department	2004 2007	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Health Services	VISITOR LOG	Log and track patient visitors in IPT Bldg (User: Patient Guest Relations).	In-house development	< 100	Department	2010 2010			0	Department Mission/Service Delivery
Health Services	Vitrea	Vitrea is an advanced 3D visualization and analysis solution that delivers an easy to use suite of advanced multi-modality clinical applications and tools which can be accessed anywhere and anytime. Vitrea Enterprise Solution software is used for the rendering of 3D images for CT and MRI study interpretation.	COTS	< 100	Department	2009	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Health Services	VMI-HCIN	Video Monitor Interpretation - Healthcare Interpretor Network Provide language interpretation in physician/patient consult session	Vendor custom development	100 - 500	Department	2010 2014	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Health Services	Watchmate	Patient wondering system.	Vendor custom development	< 100	Department				Medium	Department Mission/Service Delivery
Health Services	WebRX Updated Database (Automatic SAR)	Batch process to update ISD WebRx database.	In-house development	< 100	Department				Medium	Department Mission/Service Delivery
Health Services	WEBSTAT DHS Website Statistics	The Analog Server is used to generate statistics for the department's websites. WEBSTAT	In-house development	< 100	Department	2001	$50,000 - $100,000		Medium	Technology Services/Management
Health Services	Wellsoft - Emergency Department System	Wellsoft is an Emergency Department Information System that provides patient tracking and clinical tools that enhance patient care and safety. It provides enhancement of patient tracking, improved management data (e.g., turn-around-times) and improved/efficient access to patient ancillary test results, thereby enabling clinicians to more efficiently/effectively treat patients and improve patient care and safety.	Vendor custom development	100 - 500	Department	2008 2009	< $50,000		High	Department Mission/Service Delivery
Health Services	West Call - Nursing Call Station	This is a call light system that is available in all patient rooms. There is a monitor at the central nursing stations so that staff is able to identify the patient/room where the call originated. Implemented 2008 the Nurse call system allows patients to call nursing for assistance by pressing a button. Nursing is alerted in the nursing station via a central monitor. Nursing can answer the call for assistance in the nursing station, but must cancel the call for assistance in patient's room. NIS is able to run call light history reports by going to the vendor's website. Vendor is West Com.	Vendor custom development	> 500	Department	2008	< $50,000		High	Department Mission/Service Delivery
Health Services	Whatsup System Ports And Status Monitoring	This application is used for applicaton ports and systems up/down monitoring	COTS highly customized	< 100	Department	2005 2009	< $50,000		0	Technology Services/Management
Health Services	Wheelchair Tracking System	MS Access database to track wheelchair usage.	In-house development	< 100	Department				Medium	Procurement/Supply Chain Services/Management
Health Services	WITS Oracle System	Platform for Oracle Application Server, Database, Forms and ReportNet for the WITS workforce system SLES8, DHSAPPSERVER1, DHSHRWITS	In-house development	< 100	Department	2007	< $50,000		High	Department Mission/Service Delivery
Health Services	YBN/HWLA	YBN is the new HWLA Enrollment System - DHS Enterprise Web-based Application - Use LEADER Citrix Client	In-house development	100 - 500	Department	2011		<100,000 transactions	High	Department Mission/Service Delivery

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Human Resources	Absence Management System	AMS is an automated rules based system that will apply the most current Federal and State regulations, as well as County leave policies based on the employee's employment status and reason for leave. All departments are now required to utilize AMS to manage employee leave cases. The objective of AMS is to bring consistency to the process of managing leave throughout the County.	COTS	100 - 500	Contractor Site	2012	$350,000 - $700,000		High	Human Resource Services/Management
Human Resources	Appeals Management System	Tracks appeals received and processed by DHR	In-house development	< 100	ISD/Downey	2004	< $50,000		High	Human Resource Services/Management
Human Resources	AutoAAP Affirmative Action Plan (BIDDLE)	Application to monitor hiring and promotion practices across county departments.	Vendor custom development	< 100	ISD/Downey	2008	< $50,000		High	Human Resource Services/Management
Human Resources	Automated LiveScan Scheduling System	This web based system is available to all County Departments enabling the online scheduling of County employees for fingerprinting.	In-house development	100 - 500	Department	2007	< $50,000		Medium	Human Resource Services/Management
Human Resources	Board Tracking - SharePoint	Automated tracking of all Board assignments and MAPP Goals	COTS	< 100	ISD/Downey	2012	< $50,000		Medium	Office and Productivity Services/Management
Human Resources	Buck Advantage	Third party administrator of cafeteria and non-cafeteria benefit plans. Provides annual and ongoing benefits enrollment for active and temporary employees of Los Angeles County, via IVR or online.	Software as a Service/Cloud/ASP	> 500	Contractor Site	2004	> $1,000,000		High	Human Resource Services/Management
Human Resources	CETR/OED TRAC	TRAC is an applicant tracking system of interrelated programs designed to provide the automated foundation for the development and maintenance of a comprehensive selection management system.	Vendor custom development	< 100	ISD/Downey	1995	< $50,000		High	Human Resource Services/Management
Human Resources	CSA Tracking System	CSA Tracking was designed to facilitate the ability to track and monitor case files for the Civil Service Advocacy section	COTS	< 100	Department	2003	< $50,000		High	Human Resource Services/Management
Human Resources	DHR Kiosk System	DHR implemented a Kiosk system which includes Free Standing and Wall Mounted Kiosks. The Free Standing Kiosks allow the public to file online job applications, view and print job bulletins and scan documents to be attached to job applications. The Wall Mounted Kiosks allow the public to view and print job bulletins.	In-house development	> 500	Department	2007	< $50,000		High	Department Mission/Service Delivery
Human Resources	Diversity Programs Training and Billing Database	Tracks and bills for diversity training and compliance monitoring activities.	In-house development	< 100	ISD/Downey	2006	< $50,000		High	Human Resource Services/Management
Human Resources	Hearing Officer Database - CSA	In direct response to an assessment performed by the Citizens Economy and Efficiency Commission, DHR in conjunction with the Executive Office of the Board implemented a Civil Service Commission Hearing Officer Database. The database is designed to track Hearing Officer Recommendations, thereby increasing visibility of Civil Service rulings.	In-house development	< 100	ISD/Downey	2012	< $50,000		High	Human Resource Services/Management
Human Resources	Investigations Training Management System (ITMS)	The system is a web-based application to track and manage discrimination investigations conducted by the Office of Affirmative Action Compliance (OAAC).	In-house development	100 - 500	ISD/Downey	2010	< $50,000		High	Department Mission/Service Delivery
Human Resources	Job Listing Opportunities	Job Listing Opportunities system provides the public with interactive job information for Open Competitive and Interdepartmental Promotional exams 24/7 via the 24-hour Jobs Hotline.	Vendor custom development	> 500	Department	2004 2010	< $50,000		High	
Human Resources	Kenexa Recruiter BrassRing	Online Application System	COTS highly customized	> 500	Contractor Site	2006	$100,000 - $350,000		Medium	Human Resource Services/Management
Human Resources	Online Test Preparation System	The system enables anyone applying for a skilled position within the County to take practice tests on line for the particular skill via the Internet.	Vendor custom development	> 500	ISD/Downey	2003 2009	< $50,000		Medium	Human Resource Services/Management
Human Resources	Performance Management Tracking System	PMTS is a countywide enterprise application used to manage disciplinary matters. All departments are now required to utilize PMTS to manage discipline cases. PMTS has streamlined and automated the management of discipline cases through 1) integration with the County's e-HR system 2) providing the ability to upload and manage case related documents, images, and audio files and 3) by providing central reporting capability.	In-house development	100 - 500	ISD/Downey	2012	$350,000 - $700,000		High	Human Resource Services/Management
Human Resources	SHL Computerized Testing Application	Online test for work styles assessment (WSA) designed to reduce the need for APs.	COTS	> 500	Contractor Site	2011	$350,000 - $700,000		High	Human Resource Services/Management

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Information Systems Advisory Body	Consolidated Criminal History Reporting System	Provides criminal history reporting, by person for users, including law enforcement, Probation, Court Clerks, Judges and Prosecutors.	Vendor custom development	> 500	ISD/Downey	1997 2008	> $1,000,000	<100,000 transactions	Medium	
Information Systems Advisory Body	DNA Offender Tracking System (DOTS)	Tracks the collection of DNA samples of criminal offenders in LA County. It provides law enforcemant agencies with criminal history data to assit in the collection decison making process and collection of fees.	Vendor custom development	> 500	ISD/Downey	2007 2013	$350,000 - $700,000	<100,000 transactions	High	Department Mission/Service Delivery
Information Systems Advisory Body	ISAB Integration Services (IIS)	ISAB Integration Services (IIS) include deployment and support of the Proactive Information eXchange (PIX) system and the Los Angeles Document and Objects eXchange (LADOX) application set. IIS provide: - For legacy applications and for new applications (e.g. CCHRS, TCIS, PIMS, AJIS, DMS, JAI, PEDMS, etc.) which emit and receive data messages via PIX. - For applications under development (e.g. Public Defender Case file Imaging/Case Management Systems) which will send and recieve data and document/object messages through PIX and through middleware services (including web services, LA Sheriff-developed JDIC message services and other middleware services) to LADOX applications. These applications are being developed using middleware (including the Opentext software stack as a main component) to share "objects". NOTE: The LADOX applications are being developed to provide delivery, auditing, monitoring, secured access and inter-department exchange of informational assets in electronic form (i.e. documents, computer generated reports, images, multimedia ojects, etc.)	In-house development	> 500	ISD/Downey	2003 2008	> $1,000,000		Medium	Department Mission/Service Delivery
Information Systems Advisory Body	Proactive Information eXchange (PIX)	Provides message broker services (i.e. receipt, transformation and delivery of data from one application to another).	COTS		ISD/Downey	1989 2007	> $1,000,000	> 1 million transactions	High	
Information Systems Advisory Body	THREE STRIKES DATABASE	The Three Strikes System provides off-line infromation on statistical trends in 3 strikes convictions, types of charges, age of defendants, etc.	In-house development	100 - 500	Department	1994	< $50,000		Medium	
Information Systems Advisory Body	Video Conferencing System	Videoconferencing was implemented in 2000, and services have been steadily improved and expanded. Criminal justice agency videoconferencing is now established at over 65 work sites countywide, with an average of 2,850 interview sessions conducted monthly. VCS is administered by ISAB in partnership with the rest of the ISAB membership. VCS is an off-the-shelf application that has been modified with custom features for interviewer and interviewee needs.	COTS highly customized	> 500	ISD/Downey	2000 2011	$350,000 - $700,000		High	Department Mission/Service Delivery
Internal Services	Annual Customer Survey System	ISD performs web-based Customer Survey yearly. The Customer Survey System tracks responses from outside customer departments and provides the ISD Strategic Planning and Customer Service Division with statistical information of ISD's services satisfaction.	In-house development	< 100	ISD/Downey	2007 2010	< $50,000	<100,000 transactions	Medium	
Internal Services	APERTURE	Data Center inventory System. Supports planning and management of physical equipment in Downey and LRC Data Centers, including their cabling, power and cooling requirements.	COTS	< 100	ISD/Downey	2006 2010	$50,000 - $100,000	<100,000 transactions	High	Technology Services/Management
Internal Services	Automated Fleet Management Information System	Manages Countywide fleet units and maintenance in six garages.	COTS highly customized	100 - 500	ISD/Downey	2003	$350,000 - $700,000	> 1 million transactions	High	Department Mission/Service Delivery
Internal Services	BASIS Cognos	BASIS Cognos is the web-based BASIS Billing and Budget reporting facility utilizing the Cognos ad-hoc reporting tool and cube development.	In-house development	100 - 500	ISD/Downey	2007 2012	$100,000 - $350,000	100,000 to 1 million transactions	Low	Accounting/Finance

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Internal Services	Billing & Accounting System - Internal Services	Budget and Accounting System - Billing

BASIS is the Budget and Accounting System for ISD. It provides for a means of capturing and reporting financial data at various levels of detail.   Data is captured and available at the lowest level detail, however, the data can be summarized for general information and managerial analysis, such as cost pools. | In-house development | 100 - 500 | ISD/Downey | 1993 2007 | $700,000 - $1,000,000 | 100,000 to 1 million transactions | High | Accounting/Finance |
| Internal Services | Countywide Utility Billing System | Processes electronic bills for L.A. County from utility vendors (L.A.DWP, Southern California Edison, Southern California Gas). The application interfaces vendor payment files to and from eCAPS, detailed monthly customer billing reports to WebBASIS, and processes energy assessment reimbursement offered by the County of Los Angeles to homeowners who participate in the Energy Upgrade California program to eCAPS. | In-house development | < 100 | ISD/Downey | 2008 | $100,000 - $350,000 | <100,000 transactions | High | Technology Services/Management |
| Internal Services | Customer Comments System | The purpose of the Customer Comments System is to provide ISD customers an opportunity to express their satisfaction and concerns with services provided on a per-job basis.   The system will also be accessed by the ISD service provider to obtain customer comments and respond to concerns with provided services. The overall purpose is to enhance ISD customer service by obtaining immediate comments and responding to service concerns in a timely manner.

The system serves as a tool for the customer to communicate their overall satisfaction with the service they have received from ISD on a specific job or work order.   The system was initially implemented for FOS jobs or work orders in April 2011, expanded for Telecom jobs or work orders 7/2011, Fleet work orders 2/2012, CAB Service Requests 7/2012, and in October 2012 was enhanced for FOS to email the survey to customers rather than having craft personnel leave a postcard with website address to respond to the survey. | In-house development | < 100 | ISD/Downey | 2012 | < $50,000 | <100,000 transactions | High | Performance Measurement/Reporting/QA/ Data Warehouse-Mining |
Internal Services	eCAPS Procurement	County purchasing/acquisition - eCAPS Procurement module as countywide purchasing system functions include requisitions bid solicitations including solicitation responses and evaluations master agreements purchase orders including the integration with master agreements receiving and invoice processing automated matching for payments. The eCAPS Procurement module is integrated with the countywide Enterprise Resource System (eCAPS Financials) for vendors, purchase orders (encumbrances) and payments.	COTS highly customized	> 500	ISD/Downey	2007 2010	$350,000 - $700,000	<100,000 transactions	High	Procurement/Supply Chain Services/Management
Internal Services	eCAPS Procurement; Includes eCAPS Procurement Reports	eCAPS Procurement reporting system.	COTS highly customized		ISD/Downey	2007 2010		<100,000 transactions	0	
Internal Services	eCaps Vendor Self Service (VSS) Module	County purchasing/acquisition - eCAPS Vendor Self Service (VSS) module functions include vendor registration, bid solicitations from eCAPS Procurement module, online solicitation responses, email notifications to vendors, online invoices, and financial inquires to vendors' financial information in eCAPS includes purchase orders and payments. The eCAPS Vendor Self Service module is integrated with the countywide Enterprise Resource System (eCAPS Financials) for financial information and vendors. The eCAPS Vendor Self Service module is integrated with the countywide Enterprise Resource System (eCAPS Procurement) for bid solicitations, solicitation responses, and invoices.	COTS highly customized	> 500	ISD/Downey	2013	$50,000 - $100,000	<100,000 transactions	High	
Internal Services	Emergency Response / Building Assessment System (Famis-Doc)	Computer-aided facilities management (CAFM) system customized for the tracking of building assessments, Tracking of the overall condition of a building and the general categories (i.e. structural, electrical, plumbing, etc) of items damaged during a countywide disaster (i.e. Earthquake, Flood, Civil unrest, etc.).	COTS highly customized	< 100	ISD/Downey	2001 2011	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Internal Services	Employee Recognition Pin System	Web-based application for tracking and inventorying ISD's Employee Recognition Pins program. The system gives individual ISD employees the ability to check their own PIN history. It also provides instantaneous recognition of employees who achieve excellence in adhering to ISD's values and mission. The system is an important tool for raising employee morale by giving ISD's managers and outside entities the opportunity to recognize employee excellence.	In-house development	< 100	ISD/Downey	2006	< $50,000	<100,000 transactions	Low	Human Resource Services/Management
Internal Services	Employee Satisfaction Survey System	ISD performs web-based Employee Survey once a year. It provides management with an overall view at employee's work satisfaction.	In-house development	< 100	ISD/Downey	2007 2010	< $50,000	<100,000 transactions	Low	Human Resource Services/Management
Internal Services	Enterprise Energy Management Information System	Supports the interface between the Vendor supplied utility billing data files and Energy Management System. Supports the interface and integration of utility billing data and Energy Savings data for the Environmental dashboard application and also displays current meter usage data for county buildings. Currently being expanded for use at other non-County facilities.	Vendor custom development	100 - 500	Contractor Site	2000 2009	$100,000 - $350,000	100,000 to 1 million transactions	High	Technology Services/Management
Internal Services	Expense Management System	County telephone order/inventory and billing system - Under our past Super Carrier contract, SBC provided the software support for the CountyWide Telecommunications Billing. SBC billed the County via eBAT (Electronic Billing Analysis Tool). ATand T bought SBC and under our new muli-year contract with ATand T, they announced that they were dropping support for eBAT. We purchased the Billing Module for our Telecommunications software, EMS, through our EMS vendor, Symphony and it was implemented October 2009.	COTS highly customized	100 - 500	ISD/Downey	2007 2008	$100,000 - $350,000	> 1 million transactions	High	Office and Productivity Services/Management
Internal Services	Facility Automated Management Information System	Computer-aided facilities management (CAFM) system utilized to track status, time, and materials for scheduled and unscheduled maintenance activities. Additionally the system provides for the dispatching of work orders to line staff personnel, scheduling and automated creation of planned maintenance work orders, and integration with the county's time keeping system.	COTS highly customized	100 - 500	ISD/Downey	2001 2011	$100,000 - $350,000	100,000 to 1 million transactions	High	
Internal Services	Facility Automated Management Information System - Emd	Computer-aided facilities management (CAFM) system utilized to track status, time, and materials charges for scheduled and unscheduled maintenance activities at various Power Plant Facilities.	COTS highly customized	< 100	ISD/Downey	2011	< $50,000	<100,000 transactions	High	
Internal Services	Fuelfocus System	Supports continuous, real-time fuel management at three ISD Fuel locations and 26 Sheriff Fuel locations. This application is a module of the Automated Fleet Management Information System (AFMIS) and resides on the same server. Future plans to deploy for use by other County departments.	COTS highly customized	100 - 500	ISD/Downey	2010	$100,000 - $350,000	> 1 million transactions	Medium	Department Mission/Service Delivery
Internal Services	Green Website	The Website and Dashboard will serve to advertise to the public and the County constituents the efforts ongoing by the County to comply with the State’s global warming initiatives.	In-house development	< 100	ISD/Downey	2011	< $50,000	<100,000 transactions	Medium	
Internal Services	HP Asset Manager	ISD asset management system. Supports asset management inventory as required by the Auditor Controller.	COTS	100 - 500	ISD/Downey	2003 2012	$50,000 - $100,000	<100,000 transactions	Medium	Technology Services/Management
Internal Services	HP Service Center	ISD Maint Contracts and Incident Mgt for Public Library and Probation. Being replaced by Service Management System	COTS highly customized	< 100	Department	2005 2011	< $50,000	<100,000 transactions	High	Technology Services/Management
Internal Services	HP Service Management System	ISD IT Service Management System supporting the ITIL Service Transition and Service Operation processes of Change, Knowledge, Incident and Problem Management.	COTS highly customized	> 500	ISD/Downey	2007	$350,000 - $700,000	100,000 to 1 million transactions	High	Technology Services/Management
Internal Services	Human Resources System	Human Resources (HR) Systems is comprised of the following applications: the HR Reporting System and the Title VII System. The Human Resources Systems keep track of ISD employee personnel information, job related information, promotions, performance evaluations, seniority tracking, hiring, transfers, bargaining union, absences and salary information. The Human Resources Systems are classified as mission critical systems.	In-house development	100 - 500	ISD/Downey	2012	$100,000 - $350,000	100,000 to 1 million transactions	High	Human Resource Services/Management
Internal Services	Information Technology Support Services Master Agreement System	The Information Technology Support Services Master Agreement system processes ITSSMA Contractor service requests, work orders, amendments and tracks the invoices processing. The reports are provided in HTML, PDF and Excel formats	In-house development	< 100	ISD/Downey	2008 2014	$100,000 - $350,000	<100,000 transactions	High	Technology Services/Management

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Internal Services	KOMAND Utilization Feeder & Error Correction	The KOMAND Utilization Feeder and Error Correction System captures the various types of computer utilization units of measure (Central Process Units - CPU, TSO sessions, Disk I/O, etc.) and converts them to billable data. The system provides details based on the computer jobs from the various platforms used by our customers.	Vendor custom development	< 100	ISD/Downey	1993 2013	$100,000 - $350,000	> 1 million transactions	High	Accounting/Finance
Internal Services	Labor Distribution System	Calculates and distributes the labor costs.	In-house development	< 100	ISD/Downey	1993 2011	$100,000 - $350,000	100,000 to 1 million transactions	High	Accounting/Finance
Internal Services	Parking Access And Revenue Control System	Centralized Parking Management System implemented at Music Center Parking Garage in December 2011 and rolling out to additional County Parking Facilities. Supports cash and credit card Point-of-Sale transactions, Pay-on-Foot stations, handheld transaction stations, traffic gates, monitoring devices, etc... via wired wireless and cellular networks.	COTS	< 100	ISD/Downey	2011 2013	$100,000 - $350,000	100,000 to 1 million transactions	High	
Internal Services	Service Contracts Database	Service Contracts Database web-based system for hosting service contracts by County Departments Categories of service contracts include Cafeteria, Information Technology, Prop A, and Construction. Specialized information includes performance ratings of vendors for each contract includes interface to countywide Enterprise Resource System (eCAPS Financials) for vendors.	In-house development	100 - 500	ISD/Downey	2004 2013	< $50,000	<100,000 transactions	High	
Internal Services	Service Management Solution	ISD IT Service Management system supporting the ITIL Service Transition and Service Operation processes of Change, Knowledge, Incident and Problem Management. Also includes Employee Self Service Portal, and is currently being expanded to include an Actionable Service Catalog, Configuration Management Data Base (CMDB), Mobile functionality, etc...	COTS highly customized	> 500	ISD/Downey	2013	$100,000 - $350,000	100,000 to 1 million transactions	High	Technology Services/Management
Internal Services	Service Request Tracking System	The Service Request Tracking system tracks CAB Service Requests and allow electronic filing of Service Requests directly from the customer departments to the responsible CAB Manager. The reports are provided in HTML, PDF and Excel formats	In-house development	100 - 500	ISD/Downey	2003 2012	$50,000 - $100,000	<100,000 transactions	High	Technology Services/Management
Internal Services	Unit Billing System	The Unit Billing System (UBS) records, tracks, analyzes, and bills external organizations for building services provided by ISD. Services include building maintenance, custodial services, and grounds maintenance.	In-house development	< 100	ISD/Downey	1983 1993	< $50,000	100,000 to 1 million transactions	Medium	Accounting/Finance
Internal Services	WebBasis Online	The WebBasis online reporting system provides web-enabled access to Finance Services monthly BASIS billing reports on the County intranet site. Reports are provided in PDF and Excel format.	In-house development	> 500	ISD/Downey	2001 2012	< $50,000	<100,000 transactions	High	Accounting/Finance
Medical Examiner/ Coroner	Coroner Medical Examiner System	Decedent case tracking and management system.	Vendor custom development	100 - 500	ISD/Downey	2000	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Medical Examiner/ Coroner	Document Sales	The Document Sales application allows members of the public to request and pay for copies of the Medical Examiner-Coroner's Report and Proof of Death Letters online.	Vendor custom development	100 - 500	Contractor Site	2011	$100,000 - $350,000	<100,000 transactions	Low	Department Mission/Service Delivery
Medical Examiner/ Coroner	Electronic Case File System	The Electronic Case File System (ECFS) stores case-related documents, digital photos, x-rays, and other digital assets (such as audio and video files). ECFS is integrated with the Medical Examiner-Coroner's case management system, CME. The system utilizes the EMC Documentum product and is hosted on the ECM Shared Infrastructure maintained by ISD.	COTS highly customized	100 - 500	ISD/Downey	2010	$100,000 - $350,000	100,000 to 1 million transactions	Medium	Department Mission/Service Delivery
Medical Examiner/ Coroner	Evidence Database	Evidence Database is an in-house developed application used to track and manage the evidence collected and maintained by the Medical Examiner-Coroner	In-house development	< 100	ISD/Downey	2010	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Medical Examiner/ Coroner	Seminar Registration System	Allows individuals to register and pay for Medical Examiner-Coroner seminars and workshops online using credit cards.	Vendor custom development	100 - 500	Contractor Site	2008	< $50,000	<100,000 transactions	Low	Technology Services/Management
Medical Examiner/ Coroner	Skeletons in the Closet	Skeletons in the Closet is a web-based application that allows the public to purchase items from the Medical Examiner-Coroner's gift shop via the internet.	COTS	100 - 500	Contractor Site	2006 2009	< $50,000	<100,000 transactions	Low	Technology Services/Management

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Medical Examiner/ Coroner	Toxicology Database	An in-house developed database developed in MS Access to perform lab case management and results tracking.	In-house development	< 100	Department	2000 2008	< $50,000	<100,000 transactions	Medium	Technology Services/Management
Mental Health	Ab109 Post-Release Community Supervision (Prcs) Provider Outcome Application	Internet web application allows mental health providers to input and maintain AB109 client records. Application provides a snap shot of the current status of the utilization and statuses of the Post Released Community Supervised Persons (PSPs) in the Department of Mental Health.	In-house development	100 - 500	ISD/Downey	2012 2013	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Mental Health	AB3632 Residential Placement	This application tracks placement efforts for children placed out of home, out of County and out of State facilities. It also supports monitoring of social workers.	In-house development	< 100	Department	1990	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Mental Health	Access Client Contact Management (ACCM)	Provides powerful client search capabilities for day-to-day business functions performed by the ACCESS Center.	COTS	100 - 500	Department	1997 2007	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Mental Health	ACCUTRAC	Accutrac is an enterprise records management system capable of managing physical and electronic records throughout their lifecycle. The Accutrac software contains retention, reporting, classification, tracking, search, administration, security and control features. DMH uses the Accutrac software to manage client charts at various DMH clinics throughout the County.	COTS	< 100	Department	2004	< $50,000	<100,000 transactions	Low	Office and Productivity Services/Management
Mental Health	Benefits Assessment Application	A Web Application that allows clinicians to fill out Supplemental Security Income (SSI) forms for clients and keeps track of applications submitted.	In-house development	100 - 500	Department	2007 2009	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Mental Health	Clinical Appointment Scheduling System	This Application maintains Clinician appointments and provides Client co-pay amounts.	In-house development	> 500	Department	2002 2010	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Mental Health	Community Resource Guide - 211 LA	This is an Online Community Resource Guide. This website has been developed to help locate services related to Health and Human Services in Los Angeles County such as Mental Health Providers, Child Care, Health Care, Local Emergency Resources, etc.	COTS	> 500	ISD/Downey	2005 2010	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Mental Health	Computer Telephony Integration Object Server (CTIOS)	CTIOS is a custom based application that is shared by a few County Departments to use Contact Center platform. The application is hosted at ISD facility and was developed by NEC. CTIOS enables DMH Helpdesk to receive calls from County employees as well as Contract Providers. This is a Client based interface application.	Vendor custom development	100 - 500	ISD/Downey	2006 2009	$50,000 - $100,000		Medium	Technology Services/Management
Mental Health	Contact Tracking Application	This application tracks different kinds of requests other than mental health services request.	In-house development	100 - 500	Department	1997 2009	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Mental Health	Contract Provider Transition Project Issues	Microsoft Access user interface connected to SQL Server database designed to describe, organize, prioritize, track and display project issues and action items.	In-house development	100 - 500	ISD/Downey	2007	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Mental Health	Crisis Response Tracking (CRT)	Provides tracking for crisis response service request for the ACCESS Center.	In-house development	100 - 500	Department	2003 2008	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Mental Health	Data Service Request Web Application	Web-based application for the submission of data analysis and data service requests to CIOB DMand BI Division.	In-house development	> 500	Department	2003 2012	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Mental Health	Day Treatment Authorization (DTA) System	Internet web application that allows clinicians to request authorization of services for day treatment intensive (DTI) and therapeutic behavioral services (TBS) to DMH with supporting documentation. Units of Service (UOFS) edit was added to disallow claiming for services without authorization.	In-house development	100 - 500	Department	2004 2013	$50,000 - $100,000	<100,000 transactions	High	Department Mission/Service Delivery
Mental Health	Day Treatment Web Service	ASP.NET-based web service designed to communicate with the Integrated System (IS) to determine whether or not a successful Day Treatment authorization validation has occurred. Returns the appropriate message to the IS for display to the user. Built as a replacement for the MHMIS Authorization program.	In-house development	> 500	Department	2009 2012	< $50,000	> 1 million transactions	High	Department Mission/Service Delivery
Mental Health	Department Of Mental Health (DMH) Telephone Directory	This application searches the DMH Telephone list through Intranet Application Category by (1)First Name (2) Last Name and (3) Division.	In-house development	> 500	Department	2002 2009	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery

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Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Mental Health	DMH Service Locator	This web application offers improved functionality and a simplified user experience allowing constituents to search for DMH Urgent Care Centers, Clinics, facilities and Contract Provider locations.	In-house development	> 500	ISD/Downey	2012 2013	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Mental Health	DMH/DHS Prevention And Early Intervention Collaboration Secure Billing	This application will allow the Collaboration of Secure Billing through SharePoint program.	In-house development	< 100	Department	2010	< $50,000	<100,000 transactions	High	Accounting/Finance
Mental Health	Electronic File Transfer (EFT)	This application provides a secure connection for file transfers.	COTS	> 500	Department	2008 2010	< $50,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Mental Health	Electronic Resource Directory Application	An Access Center application that provides on-line mental health resources information.	In-house development	100 - 500	Department	2009	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Mental Health	Employee Application Request System (Ears)	Web application used by the System Access Unit to track receipt and progress of application access requests for various end-user information systems from employees and contract providers.	In-house development	< 100	Department	2006	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Mental Health	EMT Dashboard	The Executive Management Dashboard provides upper management and designated supervisors access to performance measures indicating the overall financial and clinical status for the Department.	In-house development	< 100	Department	2012	< $50,000	> 1 million transactions	High	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Mental Health	EOB Field Contact Form	Internet web application that provides DMH Emergency Outreach Bureau (EOB) field staff and other emergency response personnel the ability to document their encounters with the public on psychiatric emergency response calls.	In-house development	100 - 500	ISD/Downey	2007 2011	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Mental Health	Forms Authentication Web Service	ASP.NET-based web service for centralized authorization and tracking of attempts to log on to DMH web applications. Audit log tables track user logon attempts, both successful and unsuccessful, as well as the applications being logged in to. Authenticates credentials against DMH's department Active Directory and the Integrated System's Active Directory.	In-house development	100 - 500	Department	2010	< $50,000		High	Department Mission/Service Delivery
Mental Health	Full Service Partnership Referral Tracking Application	Web-based application is used to submit Full Service Partnership enrollment requests, and track the enrollment status of clients. It also tracks client transfers and disenrollments.	In-house development	100 - 500	Department	2006 2013	$50,000 - $100,000	<100,000 transactions	High	Department Mission/Service Delivery
Mental Health	Healthy Way LA 1115 Referral Tracking System	Web-based referral tracking system for the DMH/DHS co-located staff and DMH Service Area Navigators to track HWLA (Healthy Way Los Angeles) and non-HWLA referrals coming from DHS. In addition, beginning in 2014, system tracks service requests for appointments to mental health services.	In-house development	100 - 500	Department	2011 2014	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Mental Health	Helpdesk Expert Automation Tool (HEAT)	DMH Help Desk application that provides a central point of contact for end users to submit phone or self-service incidents and requests. HEAT application provides the IT support platform to facilitate ticket processing, analytics and reporting as well as integration with other IT support systems.	COTS highly customized	> 500	Department	2000 2009	< $50,000	<100,000 transactions	High	Technology Services/Management
Mental Health	Human Resources Bureau Volunteer Tracking	Intranet web application used to record and track the vetting of individuals applying to volunteer throughout DMH. Application stores scanned paper application forms and supporting documentation. HRB staff records status of vetting process. Volunteer coordinators can submit electronic form to HRB and record work hours for volunteers.	In-house development	< 100	Department	2012	< $50,000	<100,000 transactions	Medium	
Mental Health	IBHIS Issues Web Application	Internet web based application that allows project managers to track and record issues for the IBHIS project.	In-house development	100 - 500	Department	2006 2013	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Mental Health	Integrated System	DMH Claims Processing System. Generates, processes, transmits and receives HIPAA compliant transactions tracks selected clinical data.	Vendor custom development	> 500	ISD/Downey	2004 2005	> $1,000,000	> 1 million transactions	High	Accounting/Finance
Mental Health	Integrated System (IS) Issues	Web application allowing users to develop a prioritized list of enhancements and modifications to the Integrated System (IS), designed to improve ease of use, provider workflow, claiming success, and information access.	In-house development	100 - 500	ISD/Downey	2006	< $50,000	<100,000 transactions	Low	Department Mission/Service Delivery
Mental Health	Internet Mapping Framework	This application is the Geocortex IMF map viewer. The purpose of this web map is to provide geographic information that supports informed decision-making, and answers questions for a specific area or topic that involves a geographic dimension.	COTS	> 500	ISD/Downey	2007	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery

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Mental Health	Internet Reports	Internet-based web application designed to provide secure access to DMH-developed Congos reports from outside the DMH's network. Types of reports hosted include MHSA OMA, FFS and financial reports.	In-house development	> 500	ISD/Downey	2009 2011	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Mental Health	Jail Mental Health Services Database (EDAR)	Used to maintain services and medications to inmates under jurisdiction of Jail Mental Health Services. Populates from MHMIS.	In-house development	100 - 500	Department	2000 2005	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Mental Health	Legal Entity Extract Application	WinForms standalone application allows the Data Integration Administration to dynamically create Data Extracts for over 100 Legal Entities at once.	In-house development	< 100	Department	2006 2009	< $50,000	> 1 million transactions	High	Department Mission/Service Delivery
Mental Health	Los Angeles Mental Health Plan System (LAMHPS)	Intranet web application used to maintain credentials, practice information and status of the Fee-For-Service (FFS) providers. This system feeds a weekly file to the FFS claiming system.	In-house development	< 100	Department	2001 2013	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Mental Health	LPS - Lanterman-Petris Short Act	Intranet web application used by the Patient Rights Unit to maintain the list of evaluators that can write 5150 holds. This application maintains the designation, license and exam information for each evaluator.	In-house development	< 100	ISD/Downey	2003 2013	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Mental Health	MAA Retro Active Data Entry Application	MAA only allows users to enter their Medi-Cal activities for a period of 60 days after which the data is frozen by the system and cannot be added to or modified. This Intranet web application gives DMH Finance the ability to retroactively enter data despite the 60 day-lock.	In-house development	< 100	Department	2009 2010	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Mental Health	Manual Billing Payment Application (MB/PA)	Intranet web application captures and centralizes all approved hard copy invoice information submitted by contract providers by fiscal year. It will be incorporated into the CPE project reports currently being created.	In-house development	< 100	Department	2009 2010	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Mental Health	MAYSI II	Massachusetts Youth Screening Instrument - a brief screening tool designed to assist juvenile justice facilities in identifying youths at admission who might have special mental health needs.	COTS	< 100	Department	2002 2008	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Mental Health	Medi-Cal Administrative Activities (MAA)	Intranet web-based application that allows providers to bill Medi-Cal for time spent doing administrative activities related to for client services.	In-house development	< 100	Department	2003 2012	< $50,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Mental Health	Mental Health Management Information System (MHMIS)	This application is Department's core information system which collects, stores and retrieves clinical and financial data on client services, providers and staff.	In-house development	100 - 500	ISD/Downey	1972	$100,000 - $350,000	> 1 million transactions	High	Department Mission/Service Delivery
Mental Health	Monthly Account Aging Report (MAAR)	The Monthly Account Aging Report is an application that tracks payments received from the indigent patients population.	In-house development	100 - 500	Department	2000 2003	< $50,000		High	Department Mission/Service Delivery
Mental Health	Msow (Credentialing)	The system (known as MSOW Apogee) facilitates the credentialing and re-credentialing processes associated with DMH clinical employees and captures demographic and credentialing-related information such as licenses, board certifications, education, board specialties, etc. A complimentary module - known as MSONet - that facilitates the credentialing application process via an online form, was implemented in 2011.	COTS	< 100	Department	2010	$50,000 - $100,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Mental Health	Multilinguistic MH Providers Application	Internet web application provides all directly-operated clinics and contract providers a guide to make appropriate cultural and linguistic referrals to the different ethnic individuals and/or communities in the County.	In-house development	> 500	ISD/Downey	2005 2007	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Mental Health	Online Provider Directory - Map Web - Locator	This is the LAC-DMH online provider search application. This online provider search tool is used to locate mental health providers, sort them by distance, and list the closest locations.	COTS	> 500	Department	2007	< $50,000	<100,000 transactions	0	Department Mission/Service Delivery
Mental Health	Outcomes Measures Application	Internet web application enables clinicians and other agency staff to keep track of indicators that measure the outcomes of mental health services provided to clients via MHSA.	In-house development	> 500	ISD/Downey	2005 2014	$350,000 - $700,000	<100,000 transactions	High	Department Mission/Service Delivery
Mental Health	Outpatient Treatment Authorization Request (OTAR)	Intranet web application that tracks authorizations approved by client and provider for specialized outpatient treatment requests from FFS 2 providers.	In-house development	> 500	ISD/Downey	2008	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Mental Health	Practitioner Registration & Maintenance	Web-based Internet application to provide a secure method for collecting and updating practitioner data that will be migrated from Integrated System (IS) to Integrated Behavioral Health Information System (IBHIS). Users designated to represent each provider will use the application to update their provider's data. Data collected will act as the practitioner golden source for the IBHIS data conversion. Cleaner and more complete data by virtue of required fields and field-based validations.	In-house development	> 500	ISD/Downey	2013	< $50,000	<100,000 transactions	Medium	Technology Services/Management
Mental Health	Prescription Authorization & Tracking System (PATS)	The application collects, stores and retrieves patient prescription data.	In-house development	100 - 500	ISD/Downey	1989 2008	$100,000 - $350,000	> 1 million transactions	High	Department Mission/Service Delivery
Mental Health	Prevention And Early Intervention Outcomes Measures Application	Internet web application for outcome measures data collected for Mental Health Services Act (MHSA) Prevention and Early Intervention (PEI) programs. Data collected from each evidenced-based practice (EBP) will enable clinicians to evaluate the effectiveness of treatment.	In-house development	100 - 500	Department	2011 2014	< $50,000		Low	Department Mission/Service Delivery
Mental Health	Procurement System	Microsoft Access-based application to track special procurement requests for CIOB.	In-house development	< 100	Department	2003 2012	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Mental Health	Programs Maintenance Application	ASP.NET-based web application maintains information specific to each DMH Clinical program operating at a directly-operated clinic. Primary use is for STATS.	In-house development	< 100	Department	2007	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Mental Health	Provider File Adjustment Request (PFAR) System	PFAR (Provider File Adjustment Request) Log Tracking System provides program staff, SPCB and CIOB, with the status of a Provider File Adjustment Request.	In-house development	< 100	Department	2001 2008	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Mental Health	Provider Reimbursement Unit (PRU)	PRU tracks payments disbursed to contractors and performs reconciliation between payment reporting and eCAPS warrants.	In-house development	100 - 500	Department	2002 2010	$50,000 - $100,000	<100,000 transactions	High	Accounting/Finance
Mental Health	Psychotropic Medication Authorization System (PMAS)	Intranet web application that records Court-mandated forms required when clinicians wish to prescribe psychotropic medication to children and transition age youth who are under Court guardianship. Information collected includes medical assessment, drug recommendation and history and recommendation information for Juvenile Court Mental Health Services (JCMHS) clinicians.	In-house development	100 - 500	Department	2005 2009	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Mental Health	QuickBooks Technology	Enterprise Accounting Solution used to track MHSA CSS flex funds	COTS highly customized	< 100	Department	2008	< $50,000	<100,000 transactions	Medium	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Mental Health	Rendering Provider Workflow Automation	The Rendering Provider Workflow solution facilitates the process Directly Operated and Contract Providers perform when submitting a request to SAU (Systems Access Unit in CIOB) to add, modify or remove a practitioner from the IS (Integrated System). The Rendering Provider Workflow solution was custom developed by a third party vendor (Capitol Image) that utilizes Captaris software as the workflow engine. The solution was further enhanced by the CIOB solutions development team to include a single, simplified user interface for the end users. The solution is supported by CIOB's Solutions Development unit in CIOB.	In-house development	100 - 500	ISD/Downey	2009	$50,000 - $100,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Mental Health	Report Manager	This is an Access Center application that allows users to run ad-hoc summary reports.	In-house development	< 100	Department	2003 2009	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Mental Health	RPF Data Explorer	Intranet web application tracks all rendering provider forms submitted by providers thru the DMH Provider Access Assistance website. It allows System Access Unit (SAU) staff to be assigned forms for process.	In-house development	< 100	Department	2010 2011	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Mental Health	Service Catalog	It is a repository that contains a comprehensive list of services and their definitions. It is an ordering mechanism with pricing. It sets customer expectations. It is where services are decomposed into components. It is the entry point of influencing and settling service levels.	COTS	> 500	Department	2011 2013	< $50,000	<100,000 transactions	Medium	Office and Productivity Services/Management

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Mental Health	Specialized Foster Care Dashboard	The Specialized Foster Care Dashboard displays key measures, including those for Katie A., to assist the Children Systems of Care Bureau with tracking and administration of their associated providers.	In-house development	< 100	Department	2011	< $50,000	> 1 million transactions	High	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Mental Health	Specialized Foster Care Referral Tracking System (Sfcrts)	This is a referral tracking system used by the Department of Children and Family Services and Department of Mental Health. Intranet web application used to input and manage referral tracking data for children in foster care requiring mental health services. Data used to produce automated reports that track the provisioning of services and the utilization of resources. This application is a result of DMH-DCFS (Katie A.) collaboration and compliance effort.	In-house development	< 100	Department	2009 2010	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Mental Health	System For Treatment Authorization Request (Star)	Windows-based application used by the Fee-For-Service Medi-Cal Inpatient Consolidation Unit (MICU) to facilitate the State-mandated reimbursement authorization of inpatient mental health treatment authorization requests (TARs). Integrates tightly with MHMIS/IS.	In-house development	100 - 500	Department	1998 2008	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Mental Health	Team And Bed Tracking Application	This is an Access Center application that tracks the bed and team availability of different providers.	In-house development	100 - 500	Department	2006	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Mental Health	TRAC	This application is used to track Civil Service examinations.	COTS	< 100	Department	2004	< $50,000		Medium	Human Resource Services/Management
Mental Health	Trading Partner Agreement Request (TPA)	This application will support the collection of Trading Partner Agreements (TPA) from Legal Entity and Network Providers participating in the Department of Mental Health (DMH) Electronic Data Interchange (EDI). This application will also allow DMH to manage and track the status of the Digital Key Process Provisioning.	In-house development	> 500	ISD/Downey	2013	< $50,000	> 1 million transactions	High	Technology Services/Management
Mental Health	Virtual Call Center	Verizon hosted web based call center application called VCC. Agents answer calls and make calls using this application on their computer screens. Supervisors have real time view of agent call activity. Reports are generated for productivity and auditing.	Vendor custom development	100 - 500	Contractor Site	2013	$100,000 - $350,000	100,000 to 1 million transactions	Low	Department Mission/Service Delivery
Parks and Recreation	Accounting Reconciliation System	Tracks general and special funds, revenues, and expenditures. Particular funds are being separated into various accounts on this FoxPro based system, prior to running reports and then manually entering into eCAPS.	In-house development	< 100	Department	2000	< $50,000		Medium	Procurement/Supply Chain Services/Management
Parks and Recreation	Concessions Billing System	Creates Invoices and tracks concessionaire payments, and records agreements.	COTS	< 100	Department	2000 2005	$50,000 - $100,000		High	Department Mission/Service Delivery
Parks and Recreation	Contract Monitoring System	Monitors all activities and cost during the life of a contract.	In-house development		Department	2006	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Parks and Recreation	County Facilities	Comprehensive facility information system - list facilities and a description of their amenities. eg: Amenities, FY Staff, Annual Cost, Facility Guide.	In-house development	< 100	Department	2000 2011	< $50,000		Medium	Human Resource Services/Management
Parks and Recreation	eCAPS Grantor Tracking System (GTS)	In collaboration with the CIO, Auditor, and ISD, the department has successfully migrated the aged old Foxpro Grants Tracking System to a new eCAPS Grantor Tracking System (GTS) written in Microsoft Customer Relationship Management (CRM) software. The new GTS was designed with and enterprise approach, where other Departments are welcome to utilize the system to meet their grants business needs.	Vendor custom development	< 100	ISD/Downey	2012	< $50,000		High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Parks and Recreation	Energy Management Information System (EMIS)	Energy Management Information System (EMIS) is an Internal Services Department (ISD) commercially customized database that stores all Los Angeles County utilities usage information. The data are downloaded from utility vendors and are available to the users the next day. Typical usage of the database are for: Usage Reporting and Analysis, Management Summary Dashboards, Period Comparisons. Consumption BI and analysis, etc. Some highlights of EMIS include: 1) Usage and Summary reporting 2) Comparison charting and graphs 3) ad-hoc reporting and queries 4) Management Dashboard 5) Various BI analysis tools The Department is currently collaborating with ISD by providing quarterly water, gas, electric usage data to ISD to be uploaded into EMIS. Due to vast water accounts and vendors that LA County Park uses, ISD was not able to gather the necessary water data from the vendors to be uploaded. Therefore, assistance was needed from the Department's IT Division to provide the needed data. Parks and Recreation along with DPW, Fire, ISD, etc. are among a few departments using this system.	COTS highly customized	100 - 500	ISD/Downey	2009	< $50,000		Medium	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Parks and Recreation	eTickets	eTickets is an online Internet eCommerce system that allows patrons to purchase event tickets, parks entry tickets, parking tickets, boat launch tickets, annual visiting passes, filming permits, etc. and pay with a credit/debit card. It runs on the same platform and payment gateway as LACARRS, and shares most of the reservation functionalities and business rules. Patrons will receive a barcoded tickets, readily printable from their printer at home, and can be scanned with a handheld scanner at check in gate/booth. This system also has real-time updates of payments, check in's, and fraud prevention and duplication validations.	COTS highly customized	> 500	Contractor Site	2011	< $50,000		Medium	Procurement/Supply Chain Services/Management
Parks and Recreation	Facilities Maintenance & Assets Management System (MAXIMO)	Maximo is an asset maintenance system that provides asset management, work management, materials management, and purchasing capabilities to help companies maximize productivity and extend the life of their revenue-generating assets. It allows the department to create strategies for maintenance, repairs, and operations related to both Enterprise Asset Management (EAM) and Information Technology Asset management (ITAM). Maximo stores and maintains data about the company's assets, facilities, and inventory. This information is used to schedule maintenance work, track asset status, manage inventory and resources, and to analyze costs. It can further automate processes that are repetitive or happen on regular intervals, for example, preventive maintenance, periodic inspections, or re-ordering of inventory items.	COTS highly customized	100 - 500	ISD/Downey	2009	< $50,000		Low	Technology Services/Management
Parks and Recreation	FIS/Link2Gov DataPoint - Online Credit/Debit Payment Transactions System	This system is a real time, online tracking an archive of all credit/debit card transactions for our eCommerce systems such as LACARRS and eTickets. It stores the customer information, what they bought, how much, and the card types. It allows Finance Division and field operations to run daily reports to reconcile and balance at the end of the day. It has reporting features for both web/internet transactions as well as Point of Sale (POS) transactions paying with the credit card swiper/terminal. IT staff supports the user community with user login accounts, report generation, Merchant Activity Files transfers, research, and payment disputes.	COTS highly customized	100 - 500	Contractor Site	2010	< $50,000		Medium	Department Mission/Service Delivery
Parks and Recreation	Golf Rounds Reconciliation	Tracks golf course rounds of play reconciles with course lessee reports.	In-house development	< 100	Department	2002 2008			Medium	Procurement/Supply Chain Services/Management
Parks and Recreation	ID Card Database	Department ID Card Application. Tracks employees photos and badge information.	COTS	< 100	Department	2004	$100,000 - $350,000	> 1 million transactions	High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Parks and Recreation	LA County Activities Reservation & Registration System (LACARRS)	LACARRS is an enterprise scale reservation and registration system with 100% real-time integration of Central Reservations. It is an Internet e-commerce system that provides the public a central solution where they can go anytime to research, reserve/register, and pay via credit/debit card (if needed) for the County's many facilities and services (e.g., campgrounds, RV park spaces, picnic areas, community rooms and conference quarters, swim lessons etc.). In addition to this public service benefit, the system will greatly improve internal departmental support associated with providing these services. Parks and Recreation and (DPR) Beaches and Harbors (DBH) were selected as the pilot for LACARRS. However, the system would be scalable to meet requirements of multiple County departments, facilities and/or programs with similar requirements.	COTS highly customized	> 500	Contractor Site	2010	< $50,000		Low	Department Mission/Service Delivery
Parks and Recreation	Locations Management System	This is the backend database to the Parks Locator 2.0 system. Parks programs, services, amenities, things to do, etc. data has to be maintained in a separated environment. GIS coordinates, along with address, web links, and location description can be maintained here. This is a scale version to the larger County Services Locator.	In-house development	< 100	ISD/Downey	2012	< $50,000		High	Department Mission/Service Delivery
Parks and Recreation	National Drivers Accountability Program - NDAP	This drivers' accountability program allows the public to call the 800 number posted behind department vehicles to report any reckless or unsafe driving habits. The system takes the message electronically and stores the voice message in wave file from the caller. The file is tied to the vehicle, its jurisdiction, and management of the driver. Corrective actions are required from the staff supervisor/manager and the incidents/calls need to be updated in the system. IT staff maintains the database, users accounts, and run statistical reports for management as needed.	COTS highly customized	100 - 500	Contractor Site	2011	< $50,000		Low	Department Mission/Service Delivery
Parks and Recreation	OSD - Projects Locator	The Department of Parks and Recreation Open Space District has funded the completion of nearly 1,400 projects throughout Los Angeles County. This eGIS application/system is an Internet based mapping of project funded sites. The system allows the public to search for a project in their area or any area throughout Los Angeles County by entering criteria such as: Address/City/Zip Code, Project Category/Type, Supervisorial District, etc., and the return result would be projects plotted on Google Maps within 5, 10, 15, and 20 miles radius. The GIS capability completely integrates into Google Maps functionalities, allowing the public to seamlessly navigate using Google Tools. The Department is in collaboration with Internal Service and CIO to continuously researching for new technology and tools to enhance this system. Additional features such as street view and building outline and statistics of each project will be available in the near future.	In-house development	100 - 500	ISD/Downey	2010	$50,000 - $100,000		Medium	Office and Productivity Services/Management
Parks and Recreation	OSD-Benefit Assessments System (BAS)	In collaboration with the Assessor's Office, Open Space District, Benefit Assessments Unit tracks the request for Parcel Correction from tax payer and re-assesses their Property Tax Payment through a series of assessment reviews and calculations.	In-house development	< 100	Department	1996	< $50,000		Low	Technology Services/Management
Parks and Recreation	OSD-Maintenance and Servicing Funds (M&S)	Mand S is an in-house developed system to track and distribute funds maintaining and servicing of projects manage by Granter Tracking System (GTS). These projects, when upgraded require additional funding to upkeep and maintain their infrastructure. The funding comes from Mand S that are pre-allocated funds distributed from GTS.	In-house development	< 100	Department	1996			Low	Office and Productivity Services/Management

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Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Parks and Recreation	Parks Locator 2.0	In collaboration with the CIO and ISD, Parks has leveraged on the County Services Locator and re-developed our Locator to a new Locator 2.0. Using similar technology with some customization, this new application allows patrons to search for Parks Programs, Amenities, Features, Things to Do, etc. by entering criteria such as: Address/City/Zip Code or a keyword and it will return Parks plotted on a GIS map that offers pre-selected/entered search criteria. Patrons will be able to zoom in/out on the locations, get a bird's eye view, and get driving directions. Also, parks information such as address, phone #, and business hours are also displayed. The goal for this application is to facilitate the search, and direct patrons to our locations quickly also give the Department an opportunity to increase Programs and Services visibility and awareness.	Vendor custom development	> 500	ISD/Downey	2010	$100,000 - $350,000	<100,000 transactions	High	Department Mission/Service Delivery
Parks and Recreation	Parks Report Card	This is a survey application developed using the CEO sponsored Voivici software. It allows patrons to access the survey link, complete a series of questions, and the data is stored at ISD data center. This system also has dashboard BI reports, and graphical representations of gathered data. However, data is downloaded to an MS Access application front end for better trend analysis and customized reporting. The Access DB and front end is available to the Exec Office, Deputy Directors, and Regional Operations Manager to view 24/7.	In-house development	< 100	ISD/Downey	2009	< $50,000		Medium	Procurement/Supply Chain Services/Management
Parks and Recreation	PastPerfect	Museum Software to track artifacts	COTS	< 100	Department	2000 2007	< $50,000		Medium	Department Mission/Service Delivery
Parks and Recreation	Quimby	Quimby is a system for tracking of sub-division and land value fees for public parks development map reviews. This information is shared with Regional Planning, Fire, and Public Works.	Vendor custom development	< 100	Department	1993	< $50,000		Medium	Accounting/Finance
Parks and Recreation	Trac	System is used by Human Resource Department to track applicants from the time they filed an application with the Department through evaluation and hiring.	COTS	< 100	Department	2000 2010	$50,000 - $100,000		Medium	Department Mission/Service Delivery
Parks and Recreation	Utility Management System - UMS	Utility Management System (UMS) is a database management system that tracks and manages all utility bills (Water, Electric, Gas, and Phone, etc.) received and paid for from all facilities in the Department. UMS is being use by, (1) Accounting Section for bills payment entry, eCAPS reconciliations, and expense tracking, (2) Management Services Section for Vendors, Facilities, Accounts, Meters, and Encumbrance Maintenance, and (3) Planning and Development Section for utilities usage and trend analysis.	In-house development	< 100	Department	2000	< $50,000		Medium	Department Mission/Service Delivery
Parks and Recreation	CashPro	Online check deposit thru Bank of America.	Software as a Service/Cloud/ASP	100 - 500	ISD/Downey	2013	< $50,000		Medium	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Parks and Recreation	IBM Websphere Portal & WCM - Web Content Management System	This is an enterprise backend maintenance system to our website contents (articles, pictures, etc.). IT staff are require to build new menu items, navigation links, pages, portlets, etc., and upload web contents when required. The department's IT team was using these IBM Websphere Portal tools to develop the new website.	Software as a Service/Cloud/ASP	100 - 500	ISD/Downey	2012	< $50,000		High	Department Mission/Service Delivery
Probation	Adult Probation System (APS)	APS is an adult probation case tracking and caseload management system.	In-house development	> 500	ISD/Downey	1990		<100,000 transactions	Low	Department Mission/Service Delivery
Probation	Asset Management System (BAR/SCAN)	This is a procurement and inventory system for fixed asset items.	COTS	< 100	ISD/Downey	2001 2008	< $50,000	<100,000 transactions	Medium	Technology Services/Management
Probation	Background Tracking System (BTS)	Monitor background process for potential candidates.	In-house development	< 100	Department	2001	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Probation	Bid List System (BLS)	The system is used by Human the Resources Office to automate the Probation Department's job bid lists.	In-house development	< 100	Department	2006	< $50,000	<100,000 transactions	High	Human Resource Services/Management
Probation	Centralized Restitution System (CRS)	This application records court ward and victim restitution information in the Fiscal Services Office.	In-house development	< 100	Department	1990	< $50,000	<100,000 transactions	Medium	Office and Productivity Services/Management

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Probation	Community Deterntion Program (CDP/ESP)	Allow DPO's to electronically monitor selected probationers who have special court orders.	In-house development	< 100	Department	1994 2005	> $1,000,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Probation	Court Report Web System (CRWS)	The CRWS system is a web based application designed to assist Deputy Probation Officers in creating and printing the supervision court reports, forms and letters.	In-house development	> 500	ISD/Downey	2003	< $50,000	<100,000 transactions	High	Procurement/Supply Chain Services/Management
Probation	CYA Packet System (CYA)	This application tracks juveniles who have been court ordered to the California Youth Authority.	In-house development	< 100	Department	1988 2008	< $50,000	100,000 to 1 million transactions	Low	Department Mission/Service Delivery
Probation	Digital Imaging Barcode System (DIBS)	DIBS is a web application that generates barcodes and box transmittals for documents/folders/files sent to the vendor for scanning. The boxes picked-up are also tracked in the system.	In-house development	100 - 500	Department	2006 2007	> $1,000,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Probation	Enterprise Human Resources Reporting System (EHR RS)	The EHR RS (Enterprise Human Resources Reporting System) is an in-house developed web based application designed to provide the Probation's HR Division and Executives/Management personnel various canned reports (statistical and detailed) for monitoring and management decision making.	In-house development	< 100	Department	2012	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Probation	TRAC Examination Tracking System	This system tracks and controls the Personnel Examination process.	COTS	< 100	Department	2003	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Probation	Grievance Tracking System	This application is designed to track all grievances submitted to the Personnel office. The system also includes tracking of arbitrations.	In-house development	< 100	Department	1998	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Probation	ID Card System	This system is used to create the "Faciltiy ID Badges" for the Probation staff and visitors. It is also used to track as they enter and exit the facility.	COTS	< 100	Department	2003 2008	< $50,000	100,000 to 1 million transactions	Medium	Accounting/Finance
Probation	Juvenile Justice Crime Prevention Act CBO Tracking	This system is a web based Internet application that enables CBO providers to input services provided to a minor. This system interfaces with PCMS.	Vendor custom development	> 500	ISD/Downey	2002 2005	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Probation	Juvenile Justice Crime Prevention Act System	This is a web based application designed to capture program outcome data of JJCPA program participants.	In-house development	100 - 500	Department	2003	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Probation	Juvenile Reimbursement System (JRS)	This system supports reimbursement clerks in the collection of fees and juvenile court calendering at the halls.	In-house development	< 100	Department	1990	< $50,000	<100,000 transactions	Low	Technology Services/Management
Probation	KIOSK Report-In System (KIOSK)	This application is used to record the probationers' report-in activity via a kiosk and updates the APS system. There are 14 KIOSK, 14 Enrollment and 11 Attendant Stations throughout Los Angeles County.	COTS highly customized	> 500	ISD/Downey	2000	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
Probation	Performance Management System (PMS)	This application monitors and tracks Probation staff who may be under review for discipline.	In-house development	< 100	Department	1999 2008	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Probation	Personnel Action Request System (PAR)	This system provides detailed tracking for the approval of Personnel Action Requests (PAR) within each Bureau.	In-house development	< 100	Department	2000	$100,000 - $350,000	<100,000 transactions	Low	Department Mission/Service Delivery
Probation	PRETRIAL + (PT+ ORMS)	This application is used for tracking Bail Deviation (BD), Own Recognizance (OR) and Pretrial Supervision (PS) programs.	In-house development	> 500	ISD/Downey	1989	< $50,000	<100,000 transactions	High	Technology Services/Management
Probation	Probation Case Management System (PCMS)	An integrated juvenile case management systems using the Probation Case Management System architecture. The integrated system will include functionality for juvenile halls, camps, and Field Services.	Vendor custom development	> 500	ISD/Downey	2009	$100,000 - $350,000	<100,000 transactions	High	Department Mission/Service Delivery
Probation	Probation Electronic Medical Records System (PEMRS)	The Probation Department electronic medical records system used to support the juveniles within the institutions. This application is used by Juvenile Court Health Services, Juvenile Justice Mental Health and Probation staff. It interfaces with the Department of Health Services, Department of Mental Health, and Probation systems, and tracks medical and mental health records for Juveniles in the Halls and Camps.	COTS highly customized	> 500	Contractor Site	2011	< $50,000	100,000 to 1 million transactions	Medium	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Probation	Probation Enterprise Document Management System (PEDMS)	PEDMS is an enterprise workflow application that electronically deliver adult and juvenile court reports to other justice agencies(Public Defender, District attorney). PEDMS also has an Archival Library that stores the approved and final copy of the Probation court report, the digital imaging files of the adult and juvenile x-folders, fiscal collections folders, pretrial packets and AB109 packets.	COTS highly customized	> 500	Department	2004	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Probation	PROBATION PRETRIAL +	This application has five modules: Drug Court, Early Disposition, Electronic Monitoring, Name Change Program, and Drug Treatment.	COTS highly customized	100 - 500	Department	2006	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Probation	Return to Work System (RTW)	This application system is used to track employees who are out on industrial injury, medical leave or military leave.	In-house development	100 - 500	Department	2007 2008	$700,000 - $1,000,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Probation	RTSB Management Reporting System (RTSB MRS)	The application facilitates monitoring Residential Treatment Services Bureau (RTSB) compliance with "Performance Counts" and the Department's "Strategic Plans".	In-house development	< 100	Department	2004	< $50,000	<100,000 transactions	Low	Department Mission/Service Delivery
Probation	Safety Management System (SMS)	This system tracks all employee related accidents/incidents and is used by the Return to Work Unit and Personnel Office.	COTS	< 100	Department	2000	$100,000 - $350,000	<100,000 transactions	High	Department Mission/Service Delivery
Probation	Staff Training Enrollment System (STERS)	This application tracks training enrollments and attendance.	COTS	< 100	Department	1990	$50,000 - $100,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Probation	Suspense Remittance Memorandum (SRM)	This system tracks payments by a probationer without an account number the system generates a report for the Treasurer Tax Collector (TTC) that provides the correct account number.	In-house development	< 100	Department	1994	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Probation	Systems Registration System	This system tracks requests for user access to various automated systems	In-house development	> 500	Department	2007	< $50,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Probation	Volunteer Tracking System (VTS)	The Volunteer Tracking System (VTS) is a system intended to provide a central source of data tracking related to volunteers and programs/services they provide to the Department. The system also enables management to track related information for report purposes.	In-house development	< 100	Department	2011	< $50,000	<100,000 transactions	Low	Department Mission/Service Delivery
Probation	Ward Inmate Tracking System (WITS)	This application automates movements of minors within the Probation RTSB/ Camp environment.	In-house development	< 100	Department	1991 2005	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
Public Defender	Computer Inventory System(CIS)	This Application tracks all hardware, software, internet and helpdesk calls. This all includes the equipment inventory for tracking purposes.	In-house development	100 - 500	Department	2001	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Public Defender	Defense Management System (DMS)	CASE Tracking System for adult cases.	Vendor custom development	> 500	ISD/Downey	1989	< $50,000	<100,000 transactions	Medium	Office and Productivity Services/Management
Public Defender	Mental Health Case Tracking System (MHCTS)	This system tracks Mental Health cases for the purpose of printing calenders and answering public inquiries.	In-house development	100 - 500	Department	2006	< $50,000	<100,000 transactions	High	Technology Services/Management
Public Defender	PD - Statistical System	PDSS involves data mining and data cleansing from the Defense Management System (DMS). This is an interim to the PD-CMS. PDSS will allow the Department to model workload measures and prepare the staff for procedure changes required for the implementation of the PD-CMS.	In-house development	< 100	ISD/Downey	2014	< $50,000	100,000 to 1 million transactions	High	Human Resource Services/Management
Public Defender	Public Defender Archival Records Tracking System (PDARTS)	Part of the Public Defender Electronic Document Management System (PDEDMS)- This application (PDARTS)tracks all archived and scanned case files.	Vendor custom development	100 - 500	ISD/Downey	2007 2013	< $50,000	100,000 to 1 million transactions	High	Human Resource Services/Management
Public Defender	Public Defender Retrieval System (PDRS)	This application works in conjunction with the PDART system. It is a method for the retreival of Archived and scanned case files.	Vendor custom development	> 500	ISD/Downey	2008	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
Public Defender	Public Integrity Assurance Section	Law Enforcement Tracking, and statistical reporting.	In-house development	100 - 500	Department	2001 2007	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Public Health	ASPEN Central Office	The system enables State Agencies to store data on certified facilities regulated by the Centers for Medicare and Medcaid Services and the regulations pertaining to those facilities.	Vendor custom development	> 500	Contractor Site	2003 2013		> 1 million transactions	High	Office and Productivity Services/Management
Public Health	ASPEN Complaint Tracking System	The system enables State Agencies to store, process and track complaints made against health care facilities. This is regulated by the Centers for Medicare and Medicaid Services and Licnesed by State of California	Vendor custom development	> 500	Contractor Site	2004 2013		> 1 million transactions	High	Office and Productivity Services/Management
Public Health	ASPEN Enforcement Manager	The system enables State Agencies to store, process, and track enforcement cases from surveys and complaints made against health care facilities. This is regulated by the Centers Medicare and Medicaid Services.	Vendor custom development	> 500	Contractor Site	2004 2013		> 1 million transactions	High	Office and Productivity Services/Management
Public Health	ASPEN Scheduling Tracking System	The system assists State Agencies to schedule, store, process, as well as tracking surveys and complaints made against health care facilities. This is regulated by the Centers for Medicare and Medicaid Services and Licensing and Certification Program - the State of California.	Vendor custom development	> 500	Contractor Site	2004 2013			High	Office and Productivity Services/Management
Public Health	ASPEN Survey Explorer - Quality	The system assists State Agency surveyors to collect violations and write citations to the health facility that they conduct the survey. It is front end data collection.	Vendor custom development	> 500	Department	2010 2013		> 1 million transactions	High	Office and Productivity Services/Management
Public Health	Automated Case Management System (ACMS)	The Automated Case Management System [ACMS] database supports the day-to-day operation of California Children's Services (CCS) providing client documentation to patients, end-users, providers, and billers. The ACMS automates all Administrative Case Management components.	In-house development	< 100	Department	1987 2006	< $50,000		High	Department Mission/Service Delivery
Public Health	Automated Vital Statistics System	In cooperation with local, state, and federal health agencies the University of California Santa Barbara created the Automated Vital Statistics System (AVSS) to automate public health records. AVSS is used to improved the birth and death registration process. The primary goal of AVSS was to create an interactive vital records computer system that would: improve timeliness, emphasize accuracy, minimize redundant data entry and feedback data to providers.	Vendor custom development	100 - 500	Contractor Site	1981 2005	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Public Health	BMS - Contract Management System	Upgrade and update the existing BMS contract management database to be able to better monitor, organize and report on contracts with CBO's in the County. Problems with the existing, outdated database built on Access 2000 prevent the Program from being able to easily make changes after each fiscal year or make modifications to the budget for finance and accounting purposes.	Vendor custom development	< 100	Department	2001 2012	< $50,000		High	Department Mission/Service Delivery
Public Health	California Electronic Death Registration System (CA-EDRS)	CA-EDRS is California's system for electronic death certificate origination and registration. A death certificate provides prima facie evidence of a person's death and is relied upon for important legal proceedings as well as for the creation of important derivative public health and regulatory data. The Web-based system provides the ability for coroners, funeral directors, doctors, and hospitals to submit certificates for registration 24 hours a day.	Vendor custom development	100 - 500	Contractor Site	2007 2009	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Public Health	CCS Physicians' Medical Services	The Physicians' Medical Services Database supports the daily operations of the Californa Children Services [CCS] Medical Professional Support Team (MPST) consisting of physician consults and chronological logging of patient case activity.	In-house development	< 100	Department	2002 2008	< $50,000		High	Department Mission/Service Delivery
Public Health	CHDP Patient DB	The Child Health and Disability Prevention [CHDP] Patient Database is a management supporting system linking referral data [PM357] drawn from the Department of Public Social Services [DPSS] databases with State eligibility, payment and service data from CHDP data. This database identifies clients who may be eligible for CHDP or California Children Services [CCS] services.	In-house development	100 - 500	Department	2002 2008	< $50,000		High	Department Mission/Service Delivery
Public Health	CHDP Provider DB	The Child Health and Disability Prevention [CHDP] Provider Database supports the tracking of state approved providers and health assessors' information. The database assures the public is given the most current information on the medical services available to them.	In-house development	100 - 500	Department	2001 2008	< $50,000		High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Public Health	CHOI	The systems affords the agencies the ability to track clients through the application, utilization and and renewal process for health coverage programs and allows enrolling agencies to download their own data for agency use. For aggregation of demographic data and reporting to DPH.	In-house development	< 100	ISD/Downey	2012	$50,000 - $100,000		High	Department Mission/Service Delivery
Public Health	CMS Administrative Support Db	The Administrative Support Database supports employee Performance Evaluation's [PE], Appraisal Performance [AP], and training level issued security cards phone and/or modem requests for installation and/or cable connections.	In-house development	< 100	Department	2006 2008	< $50,000		High	Office and Productivity Services/Management
Public Health	CMS Procurement Db	The Procurement Database tracks department supplies and orders processed via Purchase Order. This database also audits and projects current/future budgetary needs.	In-house development	< 100	Department	2001 2009	< $50,000		Low	Procurement/Supply Chain Services/Management
Public Health	Community Information System	Web Based countywide encounter billing system, client-based data collection and outcomes measurement system linking to internal contract and financial systems providing SAPC to perform critical business functions. System is utilized to comply with State and Federal mandated data collection and outcomes measurement systems, as well as provide SAPC real-time management systems of business operations to effectively manage and improve the provision of alcohol and other drug services at the state, county, and provider levels. System is updated frequently to accommodate changing Federal/State/Local requirements. Gradually migrated to dot NET/SQL Environment.	In-house development	> 500	ISD/Downey	2003 2013	$350,000 - $700,000	> 1 million transactions	High	Department Mission/Service Delivery
Public Health	Docushare - Xerox	DocuShare is a flexible, easy-to-use content management platform that connects laboratory users and various content. Employees can efficiently access, share and process business critical information. - Reduces time and effort to capture, access, share and process information especially mandated documentation. - Drastically reduces the storage space of paper documents. - Provides security to minimize risk. Provides for comprehensive audit trails. - Backup and Off-site storage provides for easier disaster recovery. - Integrates easily with various Xerox multifunction devices used in the laboratory.	COTS	100 - 500	Department	2007 2013	< $50,000	<100,000 transactions	Low	Office and Productivity Services/Management
Public Health	DRUG MEDI-CAL BILLING SYSTEM	The Drug Medi-Cal Billing System collects treatment service encounter billing data from contracted provider locations throughout Los Angeles County to comply with State and Federal requirements. The system must comply with the Health Insurance Portability and Accountability Act (HIPAA) Transaction Code Sets (TCS).	In-house development	> 500	ISD/Downey	2004 2013	$350,000 - $700,000	> 1 million transactions	High	Department Mission/Service Delivery
Public Health	EH Permit and Inspection Management System (EHPIMS)	The Department of Public Health (DPH) executed an Agreement with Decade Software Company, LLC (Decade) to replace the current DPH Environmental Health Management Information System (EHMIS), a paper-based central processing system, with the Environmental Health Permit and Inspection Management System (EHPIMS), a web-based central processing system to support DPH's Environmental Health (EH) district offices (currently 16) and program areas (currently 24) for an initial term of eighty-four (84) months. Additionally, EHPIMS will replace the TTC PH System in 2014. The TTC PH System currently handles the financial side of EH business including billing, payment collection, and license issuance. This system is still being implemented. By the end of FY14-15 we anticipate 800 users, of which 500 will use Windows 8 tablets in the field and in their offices.	Software as a Service/Cloud/ASP	> 500	Contractor Site	2013	$700,000 - $1,000,000	> 1 million transactions	High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Public Health	Electronic Document Management System (EDMS)	This system, also known as eChart, is an electronic identifier which automatically directs, files, distributes, and retrieves documents of California Children's Services [CCS] clients. The system provides access to documents from multiple [local and remote] Children's Medical Services [CMS] locations.	COTS highly customized	100 - 500	ISD/Downey	2009 2011	$100,000 - $350,000		High	Department Mission/Service Delivery
Public Health	Electronic Licensing Management System	The system is able to store, process and track all Health Facilities' licenses new or re-new in Calfornia.	Vendor custom development	> 500	Contractor Site	2005 2013		> 1 million transactions	High	Office and Productivity Services/Management
Public Health	Electronic Licensing Management System / Citations	The system enables the users to collect, process and track all Licensed Health Facilities' violations and citations.	Vendor custom development	> 500	Contractor Site	2006 2013		> 1 million transactions	High	Office and Productivity Services/Management
Public Health	Enhanced HIV/AIDS Reporting System (eHARS)	The Enhanced HIV/AIDS Reporting System (eHARS) is an application for collecting, storing, and retrieving the data that Centers for Disease Control and Prevention (CDC) has identified as necessary to monitor trends in the size and distribution of HIV disease and HIV transmission in the U.S.	Vendor custom development	< 100	Contractor Site	2009	< $50,000		High	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Public Health	Environmental Health Management Information System (EHMIS)	Maintains inspection and site records for all Env. Health inventories.	In-house development	> 500	Department	1995 2010	$100,000 - $350,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Public Health	HIV*Casewatch	Multi-user application system used by Care Service providers to collect and report HRSA mandated data and utilize to manage the programs. It is part of the Client Demonstration Project (CDP).	In-house development	100 - 500	Department	2004	$350,000 - $700,000	> 1 million transactions	High	Department Mission/Service Delivery
Public Health	Honeywell	Security system for the lab. Monitor and control physical access to all of the laboratory buildings.	Vendor custom development	< 100	Department	2003 2007	$50,000 - $100,000	> 1 million transactions	Medium	Technology Services/Management
Public Health	Integrated HIV/AIDS Reporting System (I-HARS)	An intergreted computer system with HEP that houses the laboratory surveillance database and other supplemental data related to HIV/AIDS surveillance	Vendor custom development	< 100	Department	2004 2007	< $50,000		High	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Public Health	Integrated Surveillance: Case Management & Processing System (CMaP)	Allows workload case management of staff across Community Health Services (CHS).	In-house development	100 - 500	Department	2012	$50,000 - $100,000		High	Office and Productivity Services/Management
Public Health	Isensix Advanced Remote Monitoring System (ARMS)	The ARMS system (Isensix System) offers an end-to-end monitoring solution that will enable the PH Lab to continuously monitor and electronically monitor critical parameters (temperature, humidity, CO2, etc) and significantly enhace the quality control of viral assets. The system has been designed to allow users to quickly realize significant enhancements in operating efficiency and qsystems quality control. The ARMS system is easily configurable and highly scalable, evolving and growing with the PH Lab's needs. The system will monitor the PH Lab's freezers, refrigerators, incubators and other temperture dependent equipment. The system will sound alarms, send notifications to dedicated workstations and email accounts when critical parameters are violated. The system also logs all require parameters and corrective actions. Uses secure wireless technology to connect equipment monitors to the Lab's LAN. The software will be housed in a dedicated Linux server.	COTS	100 - 500	Department	2012	< $50,000	100,000 to 1 million transactions	Low	Department Mission/Service Delivery
Public Health	LOS ANGELES COUNTY EVALUATION SYSTEM / SITE REPORT	The Los Angeles County Evaluation System (LACES) is a partnership between SAPC, community based organizations, and UCLA and is an on-going evaluation of the alcohol and other drug treatment system. The Site Report component of LACES provides location specific admission, discharge, and services provided on program types with participants outcomes from treatment.	In-house development	100 - 500	ISD/Downey	2002 2013	$50,000 - $100,000	<100,000 transactions	High	Performance Measurement/Reporting/QA/ Data Warehouse-Mining

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Public Health	MEDICAL THERAPY PROGRAM (MTP) DB	The Medical Therapy Program Database (MTP) Database supports tracking and processing of therapy needs for Los Angeles County children requiring Physical or Occupational Therapy [PT/OT] from one of 32 MTP sites projecting current and future staffing needs.	In-house development	< 100	Department	2001 2008	< $50,000		High	Department Mission/Service Delivery
Public Health	Passport - Lane Telecommunication	Interfaces with our Sunquest Laboratory Information System and faxes reports directly to user and submitters. Takes advantage of new technologies such as FoIP. Provides for it's own high levels of security. Offers a powerful and affordable image-based workflow add-on which adds value to your fax environment. Reduces costs by eliminating the need for paper-based delivery and separate fax machines. Provides complete messaging transaction accountability for proof of compliance.	COTS highly customized	100 - 500	Department	2007	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Public Health	P-HIS Clinic Registration System	System for the capture of patient, registration, scheduling and encounter data.	COTS highly customized	100 - 500	Department	1990 1995	$50,000 - $100,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Public Health	Public Health Directory	Secure web application to manage and maintain internal and external contact information. Also includes features to support human resources and administrative operations	In-house development	> 500	Department	2003 2009	< $50,000		High	Department Mission/Service Delivery
Public Health	Recalls Food Product	Tracks and categories food product recalls	In-house development	< 100	Department	2004 2010	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Public Health	Resource Management Tracking Application	The system allows telephony staff to manage resources, inventory and procurement processes more efficiently.	In-house development	< 100	Department	2012	< $50,000		Medium	Technology Services/Management
Public Health	Response and Surveillance System for Child Lead Exposure (RASSCLE)	Database containing information on Lead Poisoning in Children.	In-house development	< 100	Contractor Site	2006	$50,000 - $100,000		Low	Department Mission/Service Delivery
Public Health	SNS Inventory Management System	Emergency response system used to track the receipt and distribution of pharmaceutical caches (i.e., vaccines, medications, etc.) to Points of Dispensing throughout L.A. County.	COTS	100 - 500	Department	2007 2008	< $50,000		High	Department Mission/Service Delivery
Public Health	Soft Serve	Store and maitains inspectional and sampling from dairy soft serve machines at restaurants.	In-house development	< 100	Department	2000 2010	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Public Health	Solid Waste	Maintains all solid waste facility data for the local enforcement agency	In-house development	< 100	Department	1990	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Public Health	STD*Casewatch	This is the surveillance and case management system for sexually transmitted diseases for Los Angeles County	Vendor custom development	> 500	Department	1997 2009	$50,000 - $100,000	> 1 million transactions	High	Department Mission/Service Delivery
Public Health	Sunquest Application Management (SAM)	- Secure connection interface between Lab Sunquest OA and EMR System: -Site-to-site connection between Sunquest Application Manager and EMR systems -Send copy of outbound results via SFTP to OAPP	COTS highly customized	100 - 500	Department	2012	< $50,000	100,000 to 1 million transactions	Medium	Department Mission/Service Delivery
Public Health	Time Entry and Activity Management	The system captures surveyor time spent for a task.	Vendor custom development	> 500	Contractor Site	2011 2013		> 1 million transactions	High	Office and Productivity Services/Management
Public Health	TimeClock Plus	TimeClock Plus Web Edition is a full featured browser based time and labor management application that provides employee time and attendance tracking on the web. Interfaces with pin entry time clocks located throughout the laboratory.	COTS	100 - 500	Department	2002 2011	< $50,000	<100,000 transactions	High	Human Resource Services/Management
Public Health	Treatment Courts And Probation Exchange System / AB109	The Criminal Justice System provides real time connectivity between community-based drug treatment providers, local Courts, Probation Department, and SAPC. The system supports Drug Court and Public Safety Realignment (AB109).	In-house development	> 500	ISD/Downey	2001 2011	$350,000 - $700,000	<100,000 transactions	High	Department Mission/Service Delivery
Public Health	TRIMS	TRIMS is a database application used to track and report all Tuberculosis activities in Los Angeles County.	In-house development	100 - 500	Department	1992 2008	< $50,000		High	Department Mission/Service Delivery

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Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Public Health	vCMR, ELR and Syndromic Surveillance	1. vCMR (Visual Confidential Morbidity Report): vCMR is an Internet-based electronic communicable disease reporting and tracking system. Its main purpose is to make disease reporting, investigation, and tracking more efficient for Disease Control Programs in Los Angeles County. vCMR has facilitated a more rapid response as well as simplified the reporting process. Also addresses critical epidemiologic response and disease reporting need mandated by grant funding. 2.Electronic Laboratory Reporting (ELR): automatic rapid communication of laboratory results indicative of reportable disease, from public, private, and hospital laboratories to the public health database. Ensures that laboratory results indicative of urgent disease conditions which may represent early stages of an epidemic are rapidly transmitted to public health disease control programs. 3. Syndromic Surveillance: Provides automated transmission of data from various hospital emergency departments throughout LAC. It was developed to aid Public Health staff in early detection of possible bioterrorism events and disease outbreaks. Has greatly improved early detection of possible bioterrorism events, disease outbreaks and population health monitoring	Vendor custom development	> 500	Contractor Site	1998 2013	$350,000 - $700,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Public Health	Viatron System	The Viatron system is used to image, store and manage various reports produced by the Sunquest Laboratory Information System. The reports captured are audit-able for regulatory purposes. The system greatly speeds up searches. Since it stores images electronically, the need for paper storage space is dramatically reduced.	COTS highly customized	< 100	Department	2003	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Public Library	Document Control System (DCS)	The Document Control System is a mailroom software system that takes as input customer notices (holds available, overdue, lost) generated by our Integrated Library System. The DCS processes these notices by authenticating the mailing addresses against a USPS database then sorting the notices in zip code order to reduce mailing costs. The DCS then generates print ready notices with OCR marks that are used by a folding/inserting machine to fold and insert the notices into business envelopes. Finally, the DCS generates reports that must accompany the notices to the Post Office - these reports summarize the volume and costs of the mailings.	COTS	< 100	Department	2009	< $50,000		High	Department Mission/Service Delivery
Public Library	iFAPA (Internal Financial and Procurement Application)	The iFAPA application replaces the Budget and Expenditure Reporting System which was retired in fiscal year 2009/10. This application is an effective and robust financial tracking and reporting system for the Library's procurement requests, called Departmental Services and Supply Requisitions (DSRs). It is a zero footprint web-enabled application that lets the end user request services and supplies from the Procurement and Financial units of the Library. The end user supplies ordering and funding details and the system manages the approval and workflow process. The system is build on an MS SQL database and COGNOS for reporting. Unit managers can use pre-built reports to track DSRs and manage budget lines. Procurement and Fiscal staff can use the workflows features to assign and track purchase requisitions and manage budget lines and POs.	In-house development	< 100	ISD/Downey	2009	< $50,000		Medium	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Public Library	Integratred Library System (ILS)	Inventory control of library materials, borrower registration, check in and out, requests for materials, borrower fees, statistical data, library catalog, library materials acquisitions, and e-mail.	COTS highly customized	> 500	Department	1989	< $50,000		Low	Human Resource Services/Management
Public Library	INTELLITRACK	Proprietary database inventory control and tracking system used for procurement and issuance of stock item. This system replaced the obsolete AccPac Plus inventory system.	Vendor custom development	< 100	Department	2008 2013	$50,000 - $100,000		Medium	Human Resource Services/Management
Public Library	Photo Identification System	Centralized web-based photo identification system for creating and issuing employee identification cards at Library Headquarters and remote administrative facilities.	Vendor custom development	< 100	Department	2002	< $50,000		Low	Human Resource Services/Management

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Public Library	TRAC Applicant Processing	Proprietary database application used to conduct employment examinations, track job applicants and maintain examination data.	Vendor custom development	< 100	Department	1994	< $50,000		High	Department Mission/Service Delivery
Public Library	Internet Management System	The system manages Internet access on public access computers.	Vendor custom development	> 500	ISD/Downey	2002 2009	$100,000 - $350,000		High	Department Mission/Service Delivery
Public Library	Inventory Control System	Maintains and inventory of various items stocked in the department supply, including stock on hand, high/low inventory levels, cost and vendor purchase order history.	In-house development	< 100	Department	2000	< $50,000		Low	Accounting/Finance
Public Library	Job Requistion Tracking	Microsoft Access database used to monitor location and status of portable equipment at 87 library sites.	In-house development	< 100	Department	1998	$50,000 - $100,000		Low	Department Mission/Service Delivery
Public Library	MobiControl	MobiControl can best be described as Active Directory for portable devices. A lightweight client application is installed on the department's portable device, such as a Windws CE PDA, Blackberry, etc. When the device attaches to the network, it goes to the server and checks against the Access Control List to determine which applications are allowed to be accessed by that user and how the device's user interface should be configured. The Library uses the software to control hand held Windows CE modified PDAs that connect to the Integrated Library System. The PDAs offer online and offline access to the core circulation functions of the ILS such as checking out library materials and creating customer accounts.	COTS	< 100	Department	2009	< $50,000		Low	Department Mission/Service Delivery
Public Social Services	ACRONYMS ON THE WEB	Application that collects acronyms used for County business. The application provides the ability to search for an acronym and its correct definition, source comments.	In-house development	> 500	ISD/Downey	2000			Low	Office and Productivity Services/Management
Public Social Services	Appeals and State Hearing Tracking System	A Web based application to enable DPSS Appeals and State Hearing staff to track information about applicants and or participants who filed appeals on negative actions against their cases. Phase III is targeted for completion in June 2014.	In-house development	100 - 500	ISD/Downey	2009			Medium	Department Mission/Service Delivery
Public Social Services	Asset Manager	Asset Manager, tracks and controls all the department's fixed assets and controlled equipment.	Vendor custom development	100 - 500	ISD/Downey	2006			Medium	Procurement/Supply Chain Services/Management
Public Social Services	Bidders List	An application that serves as a repository for information on registered vendors approved for bidding on contracted functions. This application is used by Contracts Management Division.	In-house development	< 100	Department	2012			Medium	
Public Social Services	Bilingual Authorization	An application that authorizes the bilingual bonus based on the percentage of the bilingual caseload.	In-house development	100 - 500	ISD/Downey	2002			High	Department Mission/Service Delivery
Public Social Services	Bilingual Resource Utilization	An application for processing requests for language interpreter services.	In-house development	> 500	ISD/Downey	2010			Medium	Office and Productivity Services/Management
Public Social Services	Bulletin Board Request/ Approval Process	Application for requesting the posting of a bulletin message and submit it for approval of posting as appropriate and distributed to Lotus Notes users as directed.	In-house development	100 - 500	Department	2003			Medium	Office and Productivity Services/Management
Public Social Services	Call Center Software Support & Reporting System	A project to provide software support and reporting on the DPSS Call Center application.	COTS	100 - 500	ISD/Downey	2007			Medium	Technology Services/Management
Public Social Services	Calling Cards Tracking System	An application for tracking the inventory of calling cards based on the employee's location.	In-house development	100 - 500	Department	2001			Medium	Office and Productivity Services/Management
Public Social Services	Case Assignment And Management System (CAMS)	The new Case Assignment Management System (CAMS) is a tracking system that assigns cases to the Social Workers based on the clusters and languages.	In-house development	> 500	ISD/Downey	2008			High	Department Mission/Service Delivery
Public Social Services	Case Review And Reporting System (CRRS)	A web based system that automates case review process for MIE.	In-house development	100 - 500	ISD/Downey	2011			Low	Office and Productivity Services/Management
Public Social Services	Caseload Projection System	An application for projecting caseloads based on the actual caseloads for staffing purposes.	In-house development	< 100	Department	1999			Low	Department Mission/Service Delivery
Public Social Services	Caseload/ Professional Staffing	An application for generating workload allocations for districts based on caseload, yardstick and workload authorizations.	In-house development	< 100	Department	2000			High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Public Social Services	Cell Phone Billing Application	An application for tracking the usage and billing of cell phones and provides invoices based on employee.	In-house development	< 100	Department	2002			Low	Technology Services/Management
Public Social Services	Check Writing System	An application to track petty cash funds for the District Offices.	In-house development	< 100	Department	2002			Low	Office and Productivity Services/Management
Public Social Services	Child Care Directory	The Child Care Directory provides names of licensed child care centers, as well as small and large family child care homes. Small family child care homes are only shown in this directory if the owner has given us signed, written permission. The list of licensed child care facilities is provided and maintained by the California Department of Social Services Community Care Licensing Division. The directory does not provide names of license-exempt child care providers.	In-house development	> 500	ISD/Downey	2005			Medium	Department Mission/Service Delivery
Public Social Services	Civil Rights Telephone Log & Investigations	A workflow application for tracking the investigation progress of Civil Rights Complaints reported via telephone calls to the Civil Rights Unit.	In-house development	< 100	Department	1999 2014			Medium	
Public Social Services	Community Service Block Grant - Contract Invoicing System	A web-based application that automates the CSBG agencies form submission. Also allows Contract Monitoring staff to submit invoices electronically. Expanded CSBG invoicing to include CalFresh Contracts and Domestic violence modules in 2012.	In-house development	100 - 500	Department	2006			Medium	Office and Productivity Services/Management
Public Social Services	Contract Monitoring System	An application that tracks vendors, contracts and collects all relative performance counts data for DPSS STATS.	COTS	< 100	Department	2000			Medium	Office and Productivity Services/Management
Public Social Services	Customer Service Center	The DPSS Customer Service Center (CSC) is designed for our customers by providing easy access, quality information and expedited services using state of the art telephony and Data Retrieval Systems.CSC utilizes the most modern call center technology such as Cisco Voice over Internet Protocol (VoIP) and a number of advanced features including Interactive Voice Response (IVR), Skill-Based Routing, Enhanced Computer Telephony Integration (CTI), Automated Call Distribution (ACD) , Text to Speech (TTS), Automated Speech Recognition (ASR), Screen Pop. In addition it uses a number of other applications that includes IEX TotalView Workforce Management Suite, NICE Systems, INOVA Lightlink Solution and Kana Ticket Tracking System.	COTS	> 500	ISD/Downey	2007			High	Department Mission/Service Delivery
Public Social Services	CW7 Automated Scaning & Tracking System (CAST)	The CAST System helps improve the Eligibility Reporting Process by optimizing the workflow of Reports for its cash aid and food stamp programs. The reports are imaged and automatically routed to Change Center Workers. The application supports clerical and change unit operations in each of the department's 31 district locations, in addition to providing on-line data to the Welfare Fraud and Management Information and Evaluation (MIE) sections.	COTS	> 500	ISD/Downey	2004			High	Technology Services/Management
Public Social Services	Data Mining Solution (DMS)	DMS provides tools and capability to the County's Welfare Fraud Prevention and Investigations (WFPand I) team to assist in their detection, prevention, and investigation of child welfare fraud in the CalWORKs Stage 1 Child Care and In-Home Supportive Services Programs, and Triage team to review potential fraud alerts created by the DMS tool with high risk scores and triggers to determine if a referral will need to be made to Welfare Fraud Investigation section.	Vendor custom development	100 - 500	Contractor Site	2011 2013	$700,000 - $1,000,000		High	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Public Social Services	Data Services Requests	A workflow application used by ESD/ISSS that tracks the progress of Data Services Requests includes functional and technical specs, program code, test specifications, Qand As, and Comments.	In-house development	100 - 500	Department	2003			Medium	Technology Services/Management
Public Social Services	Directory And Online Roster Application	Provide an online directory of employees and rosters	In-house development	> 500	ISD/Downey	2011			Medium	Office and Productivity Services/Management
Public Social Services	Document Library	Line Operations need to readily access BWS Administrative Directives, memos, etc. for reference in the performance of their responsibilities.	In-house development	> 500	ISD/Downey	2007			High	Office and Productivity Services/Management
Public Social Services	DPSS Assistance Claiming (CSBG, OTS, REP)	System automates claiming for CSBG, OTS and REP programs and helps reconciliation of claims.	In-house development	< 100	ISD/Downey	2001			Medium	Office and Productivity Services/Management
Public Social Services	DPSS Calendar	DPSS Calendar tracks Board of Supervisor events, training, recruitments, PSS Commission meetings, etc.	In-house development	> 500	ISD/Downey	2004			Medium	Office and Productivity Services/Management

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Public Social Services	DPSS Manager's Bio	DPSS Manager's Bio database allows managers to create a professional profile including work experience, technical knowledge and skills, education, and assignment preferences.	In-house development	> 500	ISD/Downey	2008			Medium	Office and Productivity Services/Management
Public Social Services	DPSS News	Allows staff to publish news articles to the public using RSS feeds.	In-house development	> 500	ISD/Downey	2005			Medium	Office and Productivity Services/Management
Public Social Services	DPSSMART RELEASE III	Developing and implementing a unified comprehensive data warehouse will allow production of reports quickly and accurately. The DPSSMART Data Warehouse will accommodate data from all programs and operations administered by DPSS. Release III will expedite reporting on these programs and support the executive decision-making process.	In-house development	100 - 500	ISD/Downey	2007	$350,000 - $700,000		High	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Public Social Services	ECAPS INTERFACE AND RECONCILIATION	An application that facilitates daily downloads from eCAPS general ledger for state claiming expenditures. Also provides reconciliation for financial reporting.	In-house development	< 100	ISD/Downey	2005			Medium	Performance Measurement/Reporting/QA/ Data Warehouse-Mining

Public Social Services	eForms	Human Resources (HR) eForms Library that will allow following:
		   Forms Administration to provide required forms to a target audience that will allow the audience to access forms as needed
		   Allow end users to instantiate eForms from the Library, e.g. Nepotism Policy Declaration or Employee Report on Outside Employment Activities forms
		   Route forms for review and approval based on a defined escalation process
		   Report on forms review/approval activities
		   Distribute mandatory information, and obtain read acknowledgements, and
		   Provide a report on read acknowledgements.
			In-house development	100 - 500	Department	2010	< $50,000	100,000 to 1 million transactions	Medium	Human Resource Services/Management

Public Social Services	Electronic Document Management System	Case Imaging Management System lays the foundation for implementing full case imaging to enable staff to handle all case documents electronically. The electronic documents allows for a more efficient, centralized and streamlined process across all aid programs. This brings the department into the paperless culture. This system employs the use of Documentum as a document repository. The repository works in conjunction with LEADER to avail the case worker of all case documents at a finger's touch. The documents are accessible to the case worker until the retention schedule, as established by Department policy, determines the dates of expiration. This endeavor is a part of Department's Strategic Plan.	COTS	> 500	ISD/Downey	2008			High	Department Mission/Service Delivery
Public Social Services	EMPLOYEE DISCRIMINATION AND DISCIPLINARY ACTION TRACKING (EDATS)	A web-based application designed to automate HRD personnel grievance and disciplinary action manual tracking process. The system provides online capability as well as precise tracking functionality.	In-house development	< 100	Department	2006			Low	Human Resource Services/Management
Public Social Services	EMPLOYEE HELP-LINE	An application used by Human Resources to enable employees to ask HR related questions on-line. The application was deployed departmentwide in July 2011	In-house development	> 500	ISD/Downey	2011			Low	Human Resource Services/Management
Public Social Services	EMPLOYEE MASTER LIST	The Oracle based reporting platform.	In-house development	< 100	Department	2012			Medium	Human Resource Services/Management
Public Social Services	EMPLOYEE SUGGESTIONS AWARD (ESA)	A web based application that converts Lotus Notes to an Web Base system for Employee Suggestion Award submission the application allows for tracking processes.	In-house development	> 500	Department	2005 2013			Low	Office and Productivity Services/Management

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Public Social Services	ENTERPRISE LINKAGES PROJECT (ELP)	The Enterprise Linkages Project is an expansion of the successful Adult Linkages Project (ALP) research study and report. Whereas ALP data was used exclusively for research purposes, ELP data will be used to provide customized services to General Relief (GR) participants. ELP will display participant names since customized services will be provided for ELP participants. ELP data will allow eligibility staff to target specific case management services to Heavy Users. These customized services will be offered to Heavy Users of County services. ELP is a technological leap in social services and will provide DPSS staff with the latest data integration technology to provide comprehensive customized services to GR participants who are Heavy Users. ELP data will help DPSS staff to quickly identify and coordinate customized services that will reduce homelessness and unemployment among GR participants. ELP will sort and match GR participant service history from multiple County departments to create one GR participant record. Seven (7) County departments will be providing data for ELP: Department of Public Social Services, Department of Mental Health, Department of Public Health, Department of Health Services, Community and Senior Services, Department of Probation, Los Angeles Sheriff's Department	Software as a Service/Cloud/ASP		ISD/Downey				High	Department Mission/Service Delivery
Public Social Services	EVENT PLANNER	Create and manage an event such as conferences, retirements, financial management, reservations, etc.	In-house development	> 500	ISD/Downey	2004			Medium	Office and Productivity Services/Management
Public Social Services	FORMS LIBRARY	An application in DPSS Web Portal that allows staff readily access to a large variety of forms used in DPSS. The repository of forms includes NOAs, Application forms, Personnel forms, Affidavits, Ref.	In-house development	> 500	Department	2007			High	Office and Productivity Services/Management
Public Social Services	GAIN EMPLOYMENT ACTIVITY & REPORTING SYSTEM (GEARS)	The GAIN Employment and Reporting System (GEARS) tracks employment, education, vocational and training activities for CalWORKs Welfare-to-Work participants. In addition, GEARS supports tracking of post-employment services.	Vendor custom development	> 500	Contractor Site	1988	> $1,000,000		High	Department Mission/Service Delivery
Public Social Services	GEARS CHANGE REQUEST	Application that automates the tracking of enhancements/changes to the GEARS application.	Vendor custom development	< 100	Department	1997			Medium	Office and Productivity Services/Management
Public Social Services	GEARS MEMOS	Automated application for GEARS Memos, GEARS Security Memos, and Bulleting workflows that are published on the GEARS website.	In-house development	< 100	ISD/Downey	2004			Low	Office and Productivity Services/Management
Public Social Services	GEARS REQUEST FOR ID	An application that automates the GEARS ID requests made by the Information Systems Aids to the ESD GEARS Security Officer.	In-house development	< 100	ISD/Downey	2012			Medium	Technology Services/Management
Public Social Services	GENERAL ACCOUNTING EXPENDITURE FORM	This application will automate the process where Fiscal ops manually completes the CNTR/GAX form for operators to input to the eCAPS application.	In-house development	< 100	ISD/Downey	2007			Medium	Accounting/Finance
Public Social Services	GENERAL RELIEF OPPORTUNITIES FOR WORK- : (MAPPER/BIS Employment/Activity Tracking System)	The General Relief Opportunities for Work (GROW) Mapper System tracks employment, education, vocational and training activities for General Relief Welfare-to-Work participants.	In-house development	> 500	ISD/Downey	1999	$350,000 - $700,000		High	Office and Productivity Services/Management
Public Social Services	GIR DATABASE	Stores memos written to the public in response to complaints.	In-house development	> 500	ISD/Downey	2005			Medium	Office and Productivity Services/Management
Public Social Services	HELP DESK (TSC)	Oracle Application (Teleservice) that manages all staff calls made to the Help Desk. In June 2014 Cherwell COTS replaced Oracle Application (Teleservice).	In-house development	100 - 500	ISD/Downey	1998 2010			High	Technology Services/Management
Public Social Services	HUMAN RESOURCE MANAGEMENT SYSTEM	The Human Resources Managements System/Item Control application that tracks the allocation/vacancies of items throughout DPSS.	In-house development	100 - 500	ISD/Downey	1998 2010			Medium	Human Resource Services/Management
Public Social Services	INTERNAL AFFAIRS INVESTIGATION	HRD application to file and track investigations on employee allegations of fraud and/or wrongdoing, and generates report.	In-house development	< 100	Department	1999			Medium	Human Resource Services/Management

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Public Social Services	INTERNAL CONTROL CERTIFICATION PROGRAM (ICCP)	An application that manages the audit compliance questionnaire, tracks audit results, and generates reports.	In-house development		ISD/Downey	2008			Medium	Human Resource Services/Management
Public Social Services	INVOICE TRACKING DATABASE	Coordinate the development of the invoice tracking database for FOS with FMS. FMS will create a Discoverer Workbook using the daily WarrantPostBack.asc with the fields specified by FOS.	In-house development	100 - 500	ISD/Downey	2007			High	Accounting/Finance
Public Social Services	ISD KOMAND BILLING	A process that automates the preparation of the expenditure claims based on the download of data from ISD's Komand billing system.	In-house development	< 100	Department	2004			Medium	Accounting/Finance
Public Social Services	LEADER APPLICATION	The LEADER System automates administration of the welfare programs in LA County, including eligibility determination, benefit calculation, case management, and management/fiscal reports and controls.	Vendor custom development	> 500	Contractor Site	1995	> $1,000,000		High	Department Mission/Service Delivery
Public Social Services	LEADER HELPDESK APPLICATION	An application that tracks LEADER issues. This application replaced the old Remedy system.	In-house development	100 - 500	ISD/Downey	2005 2010			High	Technology Services/Management
Public Social Services	Lotus Notes Access Request	The Notes Access request application is a self-service application that enables users to request access to Lotus Notes applications. The application utilizes a workflow to route the request thru different levels of approval.	In-house development	100 - 500	Department	2001			Low	
Public Social Services	MOBILE TELECOM DEVICE TRACKING SYSTEM	An application to track telecom devices such as cell phone, pagers, etc.	In-house development	100 - 500	Department	2002		100,000 to 1 million transactions	High	Department Mission/Service Delivery
Public Social Services	NEWSLETTERS	Newsletter application is a collection of newsletters in a centralized location. It helps in DPSS's efforts for paper reduction and reduced printing costs.	In-house development	> 500	ISD/Downey	2008			Medium	Office and Productivity Services/Management
Public Social Services	OFFICE PROFILES	Displays information about each DPSS office to the public.	In-house development	> 500	ISD/Downey	2009			0	Office and Productivity Services/Management
Public Social Services	ON-LINE PERSONNEL MANUAL	A HRD web-based application that contains the DPSS Personnel Manual and allows employees quick and easy access to personnel policies and procedures.	In-house development	> 500	Department	1999 2008			High	Human Resource Services/Management
Public Social Services	ORACLE GENERAL LEDGER	The application provides highly automated financial processing including journal entries and financial reporting.	In-house development	100 - 500	ISD/Downey	1998 2009			High	Accounting/Finance
Public Social Services	OVERTIME ON-LINE APPLICATION	An application that automates the overtime request process for DPSS sections.	In-house development	> 500	ISD/Downey	2001			Medium	Human Resource Services/Management
Public Social Services	PAYROLL BY FUNCTION CODE	An application that captures detailed payroll records for each employee, using legacy systems like CWPAY and CWTAPPS, to distribute employee salaries by function code.	In-house development		Department	2003			Low	Human Resource Services/Management
Public Social Services	PERFORMANCE EVALUATION CONTROL SYSTEM	A web based automated system designed to assist managers in the tracking and processing of performance evaluations for all Non-MAPP DPSS employees.	In-house development	100 - 500	Department	2003			High	Human Resource Services/Management
Public Social Services	PHASE	Permanent Housing Assistance Services(PHASE) is a Web-based application to track, monitor and report on homeless families and to measure the effectiveness of the services provided to them.	In-house development	100 - 500	ISD/Downey	2006			High	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Public Social Services	POSITION BUDGET	An application that assists Financial Management Division in position budgeting and keeping track of positions on yearly basis.	In-house development	100 - 500	ISD/Downey	2001 2009			High	Human Resource Services/Management
Public Social Services	PROGRAM BUDGET	An application that provides multiple reporting entities for state administrative budget concerns, potential revenue sources, and the cost allocation methodology.	In-house development	< 100	ISD/Downey	2001 2009			High	Accounting/Finance
Public Social Services	PROGRAM TIME STUDY	A web-based application that captures ITD and LEADER employees' timesheet data. This application replaced the paper time study.	In-house development	100 - 500	ISD/Downey	2001			Medium	Human Resource Services/Management
Public Social Services	PROPERTY MANAGEMENT	Property Management application provides reports on all the properties in DPSS. It includes facility location, date occupied, date lease expires, total square feet, cost per square feet, occupancy et.	In-house development	< 100	Department	2008			Medium	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Public Social Services	PUBLIC SECTOR BUDGETING	An application for closing prior year budgets and setting up current and estimate future year budgets. It also provides reporting for the Budget Analyst.	COTS	100 - 500	ISD/Downey	1999			Medium	Accounting/Finance
Public Social Services	QUESTION & ANSWER APPLICATION	This application allows DPSS employees to submit a question and receive answers for the eligibility, program or any subjects from other employees.	In-house development	> 500	ISD/Downey				Medium	Office and Productivity Services/Management

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Public Social Services	RANDOM MOMENT TIME STUDY	An application that captures random moment time study data for claiming and tracking employees working on different programs.	In-house development	100 - 500	ISD/Downey	2001 2010			Medium	Human Resource Services/Management
Public Social Services	RECEIPT ACCOUNTABILITY BOOK	Tracking receipt book	In-house development	< 100	Department	2001		0		Accounting/Finance
Public Social Services	REFUGEE INFORMATION SYSTEM (RIS)	The Refugee Information System assists REP refugees with employment and training programs through Service Providers.	In-house development	100 - 500	ISD/Downey	2001			Medium	Human Resource Services/Management
Public Social Services	REVENUE MANAGEMENT SYSTEM	An application that provides functionalities for management of revenues and claims for Advance and Reimbursement programs, and the generation of the Cash Flow Position Report.	In-house development	< 100	ISD/Downey	2001			Medium	Office and Productivity Services/Management
Public Social Services	SERVICE AWARD LETTERS	Automates the production of service award letters to be issued to DPSS Employees. Letters are reviewed by HRD and sent to Bureau Directors for approval, and subsequently, are delivered to employees.	In-house development	< 100	ISD/Downey	2013			Low	Office and Productivity Services/Management
Public Social Services	SOFTWARE TRAINING REQUESTS	A web-based application that automates the requests for software training. Steps performed include the approval/denial, scheduling, notification, attendance tracking and rescheduling.	In-house development	100 - 500	Department	2004			Low	Office and Productivity Services/Management
Public Social Services	STAFFING BALANCING	This application is used to move surplus line staff to needed DPSS districts.	In-house development	< 100	ISD/Downey	2002 2010			Medium	Human Resource Services/Management
Public Social Services	STAFFING CASELOAD RECONCILIATION	An application that reconciles actual staffing based on actual caseload and projected staffing based on projected caseload. Also provides reporting.	In-house development	< 100	ISD/Downey	2004			High	Office and Productivity Services/Management
Public Social Services	STAFFING ON-LINE	An application that provides staffing allocation and encumbrances for all organizations and positions. Provide different HR reports.	In-house development	100 - 500	ISD/Downey	2001 2010			Medium	Human Resource Services/Management
Public Social Services	STATEWIDE FINGER IMAGING SYSTEM(SFIS)	The Statewide Finger Imaging System is a statewide system used to verify identity and provide an alert to counties of potential fraud due to duplicate issuances	Vendor custom development	100 - 500	Contractor Site	2000	< $50,000		High	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Public Social Services	TRAINEE ATTENDANCE	System helps in claiming Administrative Expenses for employees in training at the Academy	In-house development	100 - 500	ISD/Downey			0		Human Resource Services/Management
Public Social Services	TRANSFER MATCH	The program evaluates transfer requests for caseworkers and clerks based on total allocations, total encumbrances, bilingual allocations, bilingual encumbrances, and bilingual priority.	Vendor custom development	< 100	ISD/Downey	2001 2010			Low	Human Resource Services/Management
Public Social Services	TRANSLATION REQUEST TRACKING SYSTEM (TRTS)	A workflow application that tracks translation requests for DPSS forms from Program staff and/or District Offices to the Civil Rights Section and from them to the translation vendors or in-house translators.	In-house development	100 - 500	ISD/Downey	2010			Medium	Office and Productivity Services/Management
Public Social Services	TRAVEL REQUEST	A workflow application for processing of travel request for travel made by DPSS employees	In-house development	100 - 500	Department	2000			Medium	Office and Productivity Services/Management
Public Social Services	VIP HELP LINE	An application that logs and tracks VIP calls made regarding participants benefits. The application monitors the time to resolve issues referred to districts for follow-up or corrective action.	In-house development	100 - 500	Department	2002			Low	Office and Productivity Services/Management
Public Social Services	WELFARE GRANT ALLOTMENT DETERMINATION	This application is to automate the Welfare Grant Allotment Determination for DPSS Quarterly Reporting Prospective Budgeting (QR/PB) of CalWORKs/Food Stamps and General Relief.	In-house development	100 - 500	ISD/Downey	2006			High	Office and Productivity Services/Management
Public Social Services	WORK ASSIGNMENT SYSTEM	A workflow application that automates the processing of assignments made at all levels Department wide.	In-house development	> 500	ISD/Downey	1999 2013			High	Office and Productivity Services/Management
Public Social Services	Your Benefits Now (YBN)	The Your Benefits Now (YBN) application enables participants to apply for benefits on-line. Participats are able to submit documentation and track status of their applications on-line.	Vendor custom development	> 500	ISD/Downey	2010			High	Department Mission/Service Delivery
Public Works	ASD Service Contract	Enables Administrative Services Division to track their service contract projects, ensures completion of work on time, monitors employee progress and productivity, and provides management with information for the contracting services of ASD.	In-house development	100 - 500	Department	2007 2012	< $50,000		Low	Human Resource Services/Management
Public Works	Bridge Management System (Pontis)	Tracks LA County's bridge inventory and inspection information.	COTS	< 100	Department	2000 2010	< $50,000		Medium	Human Resource Services/Management

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Public Works	Building Permit Viewer	The Building Permit Viewer (BPV) is an interactive Google Map available to intranet users (including DAPTS contract cities) that displays a consolidated view of assessor data, building permit information from DAPTS, and documents from DMS. Information is retrieved based on parcel number or address. End-users can also add/share comments and notes for each individual parcel/address.	In-house development	< 100	Department	2010 2012	< $50,000		Medium	Human Resource Services/Management
Public Works	Case Managemnet Tool	Tracks various types of employee performance cases, such as disciplinary actions, Title 7 and grievances.	COTS highly customized	< 100	Department	2005	< $50,000		Medium	Department Mission/Service Delivery
Public Works	City Service Request Tracking System	On-line method for the various 88 Cities to submit and track Service Request to Public Works.	In-house development	100 - 500	ISD/Downey	2002 2008	< $50,000		Medium	Department Mission/Service Delivery
Public Works	Claims & Litigation	Tracking of Claims and Litigations for reporting purposes. Includes a GIS module that provides for geographical characterizing of claims.	In-house development	< 100	Department	2013	< $50,000		Medium	Human Resource Services/Management
Public Works	Communications Devices Inventory	Tracks DPW radio devices and work orders to ISD to install, uninstall, and repair radios. Tracks cell phones, pagers, tablets, broadband cards etc, replacing the old RDS system. Data used for online mobile phone bills.	In-house development	< 100	Department	2012 2013	< $50,000		Low	Technology Services/Management
Public Works	Computer Application Listings	An on-line catalog of Department's computer applications and systems. THe portfolio lists applications purchased, developed, and/or supported by ITD and other divisions.	In-house development	100 - 500	Department	2008	< $50,000		Medium	Human Resource Services/Management
Public Works	Contruction Management Database	The Construction Management Database application provides detailed information about construction contract projects such as project location, permit data contractor information, and other key data elements.	In-house development	< 100	Department	2005 2011	< $50,000		Medium	Human Resource Services/Management
Public Works	Contract Opportunities	Provide businesses and contractors the ability to access contracting opportunities at Public Works for Building Projects, Infrastructure Construction Projects, Professional Services, and Sundry Services.	In-house development	100 - 500	Department	2000	< $50,000		Medium	Department Mission/Service Delivery
Public Works	Customer Information System	This system allows Waterworks Division staff to manage customer water accounts, billing, and payments.	COTS	100 - 500	Department	2011	< $50,000		Low	Human Resource Services/Management
Public Works	Customer Service Management Dashboard	Provides a template for customer service surveys, stores survey results and presents them in dashboard view to management.	In-house development	> 500	Department	2006 2007	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Public Works	Development and Permit Tracking System	DAPTS issues and tracks building permits and performs fee calculation.	COTS highly customized	100 - 500	ISD/Downey	1994 2012	< $50,000		Medium	Department Mission/Service Delivery
Public Works	Directory of Contracts and Services	Enables Public Works divisions to maintain and publish their services and contact information for the benefit of their customers. The application resides on both Intranet and Internet (ISD/Downey) servers.	In-house development	> 500	Department	2003 2011	< $50,000		High	Department Mission/Service Delivery
Public Works	Document Management System (FileNet)	The Filenet Document Management System (DMS) stores and manages Department documents such as engineering drawings, Board correspondence, images, etc.	COTS highly customized	> 500	Department	1999	< $50,000		Low	Office and Productivity Services/Management
Public Works	DPW Copiers Database	Tracks purchased, leased and rental copy machines in the Department.	In-house development	< 100	Department	2005	< $50,000		Medium	Human Resource Services/Management
Public Works	eFORMS	eForms is a system to speed the creation of web forms. Simple forms can be created within minutes to help track, approve, and store information.	Vendor custom development	> 500	ISD/Downey	2013	< $50,000		Medium	Department Mission/Service Delivery
Public Works	Electronic Development and Permit Tracking System	eDAPTS issues permits and tracks plan review and permit activities.	COTS highly customized	100 - 500	Department	2004	< $50,000	<100,000 transactions	Medium	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Public Works	Electronic Request for Services (eRFS)	The eRFS enables employees to submit and track their technology requests electronically. An approval workflow was also implemented within each division to authorize the requested products or services before processing the service order.	In-house development	> 500	Department	2009	$50,000 - $100,000	<100,000 transactions	Low	Department Mission/Service Delivery
Public Works	Engineer's Estimate	Enables end-users to create estimates that contain all work items and quantities necessary for the construction management phase of a project.	In-house development	100 - 500	Department	1999 2013	$50,000 - $100,000	100,000 to 1 million transactions	Medium	Department Mission/Service Delivery

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Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Public Works	Financial Systems Interface (PWFINSYS)	Website interface for eCAPS that contains financial reports and general financial information.	In-house development	100 - 500	Department	2001 2014	$50,000 - $100,000	100,000 to 1 million transactions	Medium	Department Mission/Service Delivery
Public Works	Fleet Management System (FleetFocus)	FleetAnywhere tracks all functions related to the maintenance of equipment fleets such as processing repair and PM work orders.	COTS	100 - 500	Department	1999	$100,000 - $350,000		High	Department Mission/Service Delivery
Public Works	Graffitti Abatement Referral System	GARS enables the public or dispatchers to electronically enter the address, graffiti problem, and specific location (i.e., sign post, wall, etc.) of the incident. The system then uses Geographic Information System technology to help route the report directly to the assigned contractors or agencies for graffiti removal. The system currently processed about 30,000 calls/requests per year.	In-house development	100 - 500	ISD/Downey	2007 2011	< $50,000	100,000 to 1 million transactions	Medium	Department Mission/Service Delivery
Public Works	Grants Project Tracker	Tracks projects funded by grants for the Federal section of Programs Development Division and Accounts Receivable section of Fiscal Division. This additional information is necessary outside of eCAPS grants module.	In-house development	< 100	Department	2008 2014	< $50,000	100,000 to 1 million transactions	Medium	Department Mission/Service Delivery
Public Works	Hazardous Material System	HMS issues and tracks underground storage tanks and industrial waste permits.	COTS highly customized	100 - 500	ISD/Downey	1992 2013	< $50,000	<100,000 transactions	High	Technology Services/Management
Public Works	House Hazardous Waste Collection System	Monitoring and Reporting system for County and City of L.A., household hazardous waste collection events.	In-house development	> 500	Department	2000	$50,000 - $100,000	<100,000 transactions	High	Accounting/Finance
Public Works	Interactive Customer Inquiry System	Customers can find answers to their questions by searching or submitting a new question if one has not been found. The system routes questions to the responsible business unit via e-mail.	In-house development	> 500	ISD/Downey	2001 2007	$350,000 - $700,000		High	Department Mission/Service Delivery
Public Works	Job Track	Enables Intranet end-users to receive email alerts when job or lateral movement opportunities of interest open within the Department.	In-house development	> 500	Department	2008	< $50,000		Medium	Office and Productivity Services/Management
Public Works	Leave Request Tracking System	Provides employees with an automated method to request and manage leave and overtime.	In-house development	> 500	Department	2005 2012	< $50,000		Medium	Human Resource Services/Management
Public Works	Lock Out Block Out	Provides machine operators with online access to instructions on lockout/blockout procedures for machines/controls of hazardous energy.	In-house development	100 - 500	Department	2002	< $50,000		Medium	Office and Productivity Services/Management
Public Works	Los Angeles County Material Exchange	Tracks both wanted and available materials within LA County.	In-house development	100 - 500	ISD/Downey	2003 2008	$100,000 - $350,000		High	Technology Services/Management
Public Works	Maintenance Management System (Maximo)	MMS tracks functions related to the maintenance of the department's infrastructure, including work order management, asset management, and preventative maintenance.	COTS	> 500	Department	1997	< $50,000		Medium	
Public Works	Mobile Bill Review	Automates the download and processing of cellular telephone bills. Provides employees with an online form to verify charges made and submit through an approval workflow process.	In-house development	> 500	Department	2009	< $50,000	<100,000 transactions	Low	Office and Productivity Services/Management
Public Works	Motorpool Car Requisition	Provides employees with an automated method to reserve and approve a motor pool vehicle.	In-house development	> 500	Department	2009	< $50,000	<100,000 transactions	Medium	Technology Services/Management
Public Works	My Alerts	Sends updates of the latest relevant information based on subscriber selected categories (i.e., memos, DPW events, Engineer's Estimate, AITW, etc). Additionally, the robust system is capable of sending emails when a web page or file has changed.	In-house development	> 500	Department	2008	< $50,000		High	Accounting/Finance
Public Works	My Profile	Provides employees with access to various information about themselves, including: employment information, personal information, salary and benefits etc.	In-house development	> 500	Department	2009	< $50,000	<100,000 transactions	Medium	Accounting/Finance
Public Works	Personnel Request to Fill and Appoint Form (eYELLOW)	The web-based Personnel Action Request system allows requests for transfers, new hires, promotions etc. to be prepared, submitted, routed and processed electronically.	In-house development	100 - 500	Department	2009	< $50,000	<100,000 transactions	High	Office and Productivity Services/Management
Public Works	Position Status Reports	Displays personnel, position, salary and bonus information.	In-house development	100 - 500	Department	1995	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Public Works	Project Property Acquisition System	Tracks property acquisitions such as: General Project Information, Parcels/Subparcels, Affected parties, Documents, Right of Way, Title, Valuation, Mapping, Acquisition, Cost Estimate, and Leases.	In-house development	< 100	Department	2008	< $50,000		High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Public Works	Public e-mail Notification System (eNOTIFY)	Disseminates accurate and timely information to County residents about DPW projects or major events that may impact their neighborhoods, travel, transportation, and recreation.	Vendor custom development	> 500	ISD/Downey	2005	< $50,000		High	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Public Works	PW Personnel Database	Provides authorized end-users access to view and/or maintain personnel information for the employees in their division or section.	In-house development	100 - 500	Department	2004 2012	< $50,000		High	Department Mission/Service Delivery
Public Works	Rational Policy Tester	Tool to identify issues with websites such as broken links and spelling errors.	COTS	< 100	Department	2004 2012	$100,000 - $350,000	<100,000 transactions	High	Procurement/Supply Chain Services/Management
Public Works	Return to Work Consolidated Database	Tracks employee injury/illnesses from industrial accidents involving worker's compensation claims and permanent/temporary work restrictions.	In-house development	< 100	Department	2003	< $50,000		High	Department Mission/Service Delivery
Public Works	Risk Management System	Provides managers a Dashboard view of Corrective Action Plans (CAPs), and tools to proactively track the progress of specific plans to completion. In addtion, it provides the ability to map general liability (GL) claims and produces management reports that characterize the type and related costs of GL, Workers' Comp and Employment Practices claims in an effort to forecast future losses and prioritize loss control efforts. RMS tracks the progress and completion of the action items within the Corrective Action Plans (CAPs) and the progress of the forms (informal, formal or summary CAP) as they go through the various levels of review. The system is a 2010 Public Works Director's MAPP goal, and a component of the Department's Risk Exposure Cost Avoidance Plan (RECAP). It will be enhanced in future phases to provide more statistical reports to management and tools for the divisions.	In-house development	> 500	Department	2010	< $50,000		High	Accounting/Finance
Public Works	Road Matrix	Used to evaluate the condition of LA County roads.	COTS	< 100	Department	2003 2009	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
Public Works	Service Awards Planning	Tracks employees due for Service Awards and facilitates the planning of Awards ceremonies (invitations, reminders etc.)	In-house development	< 100	Department	2013	< $50,000		High	Department Mission/Service Delivery
Public Works	Simple Permits and Application Tracking System	SPATS issues and tracks transportation and service cut permits online.	Vendor custom development	< 100	ISD/Downey	2004	< $50,000		High	Department Mission/Service Delivery
Public Works	Social Networking Applicaion	Application to centrally manage access for Twitter and to post tweets to @LAPublicWorks, @DPWCare, @LACoGoModal, etc... Public Works program managers tweet through SNAP and it automatically publishes to Twitter.	In-house development	< 100	ISD/Downey	2009	< $50,000		Medium	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Public Works	Solid Waste Information Management System	SWIMS tracks solid waste disposal data inputted from waste haulers, transfer stations, and disposal facilities located in the County, and enables jurisdictions and the State to download reports needed for compliance with AB 939.	In-house development	100 - 500	ISD/Downey	1998 2011	< $50,000		High	Department Mission/Service Delivery
Public Works	STANDARDS	The application provides information on Product Standards, Consumables, Ergonomic Standards and approved Safety items.	In-house development	> 500	Department	2003	< $50,000		High	Department Mission/Service Delivery
Public Works	Student Worker Verification	Tracks compliance with LA County policy regarding student worker's enrollment status and GPA	In-house development	100 - 500	Department	2012	< $50,000		High	Department Mission/Service Delivery
Public Works	The Works - IPhone & Android App	The Works offers a one-stop solution for County residents to request and track pothole repairs, graffiti removal and street sweeping, or report incidents of alleged illegal dumping and property violations. It has an optional feature to upload photographs to help identify the service request, and provides appropriate contact information if the request is not within the County's jurisdiction. It also keeps users up-to-date with the latest news on County road closures and recycling events and can locate other County services in the area. Expanded The Works to include 3 other County Departments (Parks and Recreation, Public Health, Regional Planning) on 1/27/2014.	In-house development	> 500	ISD/Downey	2011 2012	< $50,000		High	Department Mission/Service Delivery
Public Works	Report a Violation	This website allows citizen to report a suspected Code or Rehab violation to Building and Safety division online.	In-house development	< 100	ISD/Downey	2007 2012	< $50,000		High	Department Mission/Service Delivery
Regional Planning	Enterpise Content Management	Suite of applications for collaboration, document management, archiving, etc. Including: Documentum, Captiva (Scan / Index Plus), and xCP (taskspace).	COTS	100 - 500	Department	2010	< $50,000	<100,000 transactions	Medium	Office and Productivity Services/Management

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Regional Planning	GIS Web Mapping Applications (External)	Public GIS web mapping applications (using ArcGIS Server and Flash/Flex technologies) providing online access to GIS data and functionality. These publicly available sites provide access to zoning, land use policy, aerial imagery, and various other layers of data as well as interactive mapping functionality (pan, zoom, search, identify, query, etc.). Here is the link to access the programs: http://planning.lacounty.gov/gis/interactive These public facing sites will eventually be ported to HTML5 and Javascript (from Flash/Flex) hopefully by 2015.	COTS highly customized	100 - 500	Department	2011	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Regional Planning	GIS Web Mapping Applications (Internal)	GIS Web Mapping Applications: Intranet applications (using ArcGIS Server) providing online access to GIS data via the County's intranet.	COTS highly customized	100 - 500	Department	2003	< $50,000	<100,000 transactions	High	Human Resource Services/Management
Regional Planning	KIVA / E-DAPTS	Multi-departmental case tracking system	COTS highly customized	100 - 500	ISD/Downey	2004 2010	< $50,000		High	Department Mission/Service Delivery
Regional Planning	Pictometry Online (POL) / Pictometry Connect	Pictometry Online (POL) is the replacement for EFS (Electronic Field Study) and is a web based solution to using the oblique aerial imagery acquired in the LAR-IAC, LAR-IAC2 and LAR-IAC3 projects. New name is Pictometry Connection. POL has all of the functionality of EFS, but the imagery is served over the Internet in a hosted environment by the vendor (Pictometry). LAR-IAC users (including Regional Planning) have logins to access all of the oblique imagery datasets (2002-03, 2006, 2008 and 2011) and the vector GIS data along with it. A newer GIS Uploader tool is used to configure GIS data overlays in ArcGIS desktop.	Software as a Service/Cloud/ASP	100 - 500	Contractor Site	2003	< $50,000	<100,000 transactions	Medium	Accounting/Finance
Regional Planning	Web Content Delivery System (Intranet)	The Planner's Zone (TPZ) suite of applications delivers dynamic content to DRP staff. By utilizing in-house developers and open source technology, we are able to keep costs low while still providing a valuable service to DRP staff. The TPZ integrates with several of our core systems to create a clearing house for data used by staff on a daily basis.	In-house development	100 - 500	ISD/Downey	2001	< $50,000		High	Department Mission/Service Delivery
Registrar-Recorder/ County Clerk	Automated Ballot Layout	Mainframe application that uses contest, candidate, ballot group, precinct and other data to lay out the ballot for the InkaVote Optical Scan Voting System and to create the files needed to support vendor printing of the sample ballot and vote recorder pages for an election.	In-house development	< 100	ISD/Downey	1967 2011	$100,000 - $350,000		Medium	
Registrar-Recorder/ County Clerk	Automated Ballot Printing	This system is a suite of applications that support batch printing of ballot cards on high-end industrial printers, and individual ballot printing on smaller personal printers to support automated ballot remake.	In-house development	< 100	Department	2008	< $50,000		High	Technology Services/Management
Registrar-Recorder/ County Clerk	Check Scanning System	Scans checks received for services provided, such as certified copies. Provides image reference for balancing, reporting, etc. This is a vendor-installed system entitled Aqurit" by Aquarcy."	In-house development		Department	2004	< $50,000		Medium	
Registrar-Recorder/ County Clerk	Countywide Address Management System (CAMS)	County centralized GIS for maintaining street centerline geometry and address attributes, as well as individual address points. Supports a thick client desktop editing interface, and a light-weight web browser interface.	In-house development	< 100	ISD/Downey	2007 2008	< $50,000	<100,000 transactions	High	Technology Services/Management
Registrar-Recorder/ County Clerk	Departmental Document Library	Web based application used internally by Department to store and view documents such as policies, directives, manuals, etc.	In-house development		Department	2005	< $50,000		Medium	
Registrar-Recorder/ County Clerk	District Mapping Application	Automates creation of high quality cartographic maps of districts, precincts ballot groups, and other election related layers in color with streets and precincts or other background layers. Maps sold to the public generate revenue for the department.	COTS highly customized	< 100	Department	2005 2014		<100,000 transactions	Medium	Department Mission/Service Delivery
Registrar-Recorder/ County Clerk	Election Contest and Ballot Management System (ECBMS)	The Election Contest and Ballot Management System is a central election management system that provides support for numerous election processes including, but not limited to, the following: Contest Configuration, Candidate Filing, Ballot Layout, PBR Election Configuration, Election Results Reporting, and Tally Auditing. The system is integrated with numerous other systems and applications in the department.	In-house development	< 100	Department	2013	< $50,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Registrar-Recorder/ County Clerk	Election Contest Management System (ECMS)	A multi-component system in which the departmental election management system -- DIMSNet -- is used to manage office, contest, candidate, and measure data, while a separate in-house ECMS application is used to create reports, to manage candidate statements and enclosures, and to integrate candidate filing data in DIMSNet with the Automated Ballot Layout system. This system was an interim solution until the new ECBMS system comes online. With the new ECBMS going live December 2013, this application will be phased out in 2014.	Vendor custom development	< 100	Department	2010 2011	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Registrar-Recorder/ County Clerk	Election Data Preparation	System of about 40 programs, collectively called Election Tally System (ETS) that is used to create files, headers, tests and other data to perform and report election tally.	In-house development	< 100	ISD/Downey	1967 1995	$100,000 - $350,000		High	
Registrar-Recorder/ County Clerk	Election Expenditure (Aka Election Billing System)	Ten-year-old system for the calculation of election costs for a specific jurisdiction (school district, water district, etc.) that integrates the Election Management System's district and voter count data with Job Cost data to determine the direct and prorated indirect costs of conducting an election for a specific district or group of districts.	In-house development	< 100	Department	2002 2009	< $50,000	<100,000 transactions	Low	Accounting/Finance
Registrar-Recorder/ County Clerk	Election Help Desk	Provide election day phone operators with knowledge base of solutions to election issues. Interfaces with Voter Information Database to provide data on voter registration, poll locations, and poll workers. Escalation rules enable prompt assignment of unsolved issues to appropriate experts. Reporting provides full audit of election day problems and solutions.	COTS highly customized	100 - 500	Department	2008	$100,000 - $350,000		High	Department Mission/Service Delivery
Registrar-Recorder/ County Clerk	Election Night Employees	Provides maintenance system for recruiting and paying personnel working during major elections	In-house development	< 100	Department	2003	< $50,000		Medium	Accounting/Finance
Registrar-Recorder/ County Clerk	Election Results Reporting	Reports of election results - online, internet, paper - by contest/by precinct. The new ECBMS system, which went into production in December 2013, will replace this system. This system will be phased out in 2014.	In-house development	> 500	ISD/Downey	1997		<100,000 transactions	Medium	Department Mission/Service Delivery
Registrar-Recorder/ County Clerk	Election Specific Device Allocation	Determines the number of device assemblies and booths per election precinct. This mainframe application will be replaced by the new ECBMS system in 2014.	In-house development	< 100	Department	1970	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Registrar-Recorder/ County Clerk	Finance And Management Cost Accounting System	System to generate business critial job costing information based on eCAPS data extracted and stored locally for reporting and updating purposes. This application transforms eCAPS raw data into RRCC data used for determining costs for Human Resources, Finance and Elections activities.	In-house development	< 100	Department	2011 2012	< $50,000		High	Accounting/Finance
Registrar-Recorder/ County Clerk	JEDI - Business Filings And Registration	Application based on the jedi platform which allows for self-service or batch submission, tracking and issuance of business filings, oaths of office, unlawful detainers, domestic partnerships, and multiple other "clerk" functions.	In-house development	< 100	Department	2011	< $50,000		High	Department Mission/Service Delivery
Registrar-Recorder/ County Clerk	JEDI - Enterprise Recording Archive	Provide functionality to record property documents: fee/tax/General Index data entry, cashiering, imaging, public viewing, certified copies, Assessor interface, inquiry access by other departments, electronic recording.	In-house development	> 500	Department	2007 2012	< $50,000		High	Department Mission/Service Delivery
Registrar-Recorder/ County Clerk	JEDI - Livescan Application Tracking	Application to track status of livescan background check requests and results for pre-employment hiring.	In-house development	< 100	Department	2009 2011	< $50,000		Medium	Human Resource Services/Management
Registrar-Recorder/ County Clerk	JEDI - Marriage License Issuance	Integrated with the JEDI system, this allows for on-line and in-house applicaitons for marriage to be issued.	In-house development	> 500	Department	2012	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Registrar-Recorder/ County Clerk	JEDI - Vital Records Request	Provide for automated system to track birth/death/marriage copy requests from internet, phone, mail or in-person. Provide for fulfillment of requests either over the counter or by post. Report on requests. Provide consolidated cash-handling to integrate with property records system. Last update includes better tracking for web-based orders.	In-house development	100 - 500	Department	2010 2012	< $50,000		High	Department Mission/Service Delivery
Registrar-Recorder/ County Clerk	LACERA Duplicate Ballot Control	Web based application that detects and reports duplicate ballots cast for Los Angeles County Employee Retirement Association (LACERA) Elections.	In-house development	< 100	Department	2000	< $50,000		Medium	Department Mission/Service Delivery
Registrar-Recorder/ County Clerk	MTS Microcomputer Tally System	DOS-Intel PC-based vote tally system consisting of 18 counting systems, 36 ballot card readers for Vote-At-Poll and Vote-By-Mail ballot counting, as well as Summary and Communicator servers on a secure, isolated token ring network.	In-house development	100 - 500	Department	1996 2003	$100,000 - $350,000	> 1 million transactions	High	Department Mission/Service Delivery
Registrar-Recorder/ County Clerk	Official Canvass Processing	Voter roster data entry and official canvass reconcilliation of ballots on hand vs. counted.	In-house development	< 100	Department	2006	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Registrar-Recorder/ County Clerk	Online Absentee Voting Application	Web application that allows County registered voters to submit an Absentee Voting Application through the Department's web site	In-house development		ISD/Downey	2004	< $50,000		High	
Registrar-Recorder/ County Clerk	Online Campaign Finance Reports	Web based application that provides campaign finance expenditures information to the public.	COTS highly customized	100 - 500	ISD/Downey	2004	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Registrar-Recorder/ County Clerk	Online District Mapping	Allows users to query districts by user-provided address, or by general district lookup, and to dynamically render an interactive district map using an Internet browser.	In-house development	> 500	ISD/Downey	2007 2011			Low	Technology Services/Management
Registrar-Recorder/ County Clerk	Online Precinct Mapping Application	This is an Internet mapping application that allows the user to select and view a precinct map in PDF format by graphically selecting an area of the County map. The users can select both current precinct maps and historical precinct maps. The public-facing version of this application is hosted on ISD's eGIS infrastructure.	In-house development	100 - 500	Department	2008 2011			Medium	
Registrar-Recorder/ County Clerk	PBR Tracking System	This is a web-based application for maintaining device status, maintenance record, and custody control information on all PBR and ABB devices of the County's InkaVote Plus voting system.	Vendor custom development	< 100	Department	2007 2008	< $50,000		High	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Registrar-Recorder/ County Clerk	Personnel Item Control	Tracks permanent and temporary personnel activity.	In-house development	100 - 500	Department	2000 2005	< $50,000		Low	
Registrar-Recorder/ County Clerk	Polling Place And Sample Ballot Inquiry - Election	Internet online application that allows the public to look up their election day polling place and facsimile of Sample Ballot.	In-house development	> 500	Department	1998	< $50,000		High	
Registrar-Recorder/ County Clerk	Polling Place Locator	Online internet mapping application based on ESRI's ArcIMS software. The Poll Locator generates a map of the voter's polling place for a specific election based on the address entered by the voter. Shows voters residence and voter's assigned polling place. The public-facing version of this application is hosted on ISD's eGIS infrastructure.	In-house development	> 500	ISD/Downey	2005 2011	< $50,000		High	Department Mission/Service Delivery
Registrar-Recorder/ County Clerk	Precinct Consolidation Application	GIS application to select and consolidate precincts for elections. Resulting consolidation is uploaded into the DIMSNet election management system.	In-house development	< 100	Department	2000 2010			High	Technology Services/Management
Registrar-Recorder/ County Clerk	Precinct Mapping Application	This application is a highly complex customization of ESRI's ArcGIS Desktop application. The application is used to maintain and plot precinct maps, as required by the California Elections Code.	COTS highly customized	< 100	Department	2004	< $50,000		High	Department Mission/Service Delivery
Registrar-Recorder/ County Clerk	Provisional/AV Envelope Tracking	Web based application that tracks and provides statistics of provisional and absentee envelopes turned in at polling places on election day.	In-house development	100 - 500	Department	2002	< $50,000		Medium	

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Registrar-Recorder/ County Clerk	SECURE v3	The electronic property document-recording consortium of Orange County, Riverside County, San Diego County and Los Angeles County implemented electronic property document interchange and recording capabilities in December 2009 with a vendor developed system titled SECURE. The consortium has determined to substantially enhance the capabilities of SECURE to better serve the submitters (banks, title companies, service providers) as well as the county processors of property documents. SECURE system enhancements will greatly increase long-term volume increases of documents processed electronically to achieve substantial cost savings through the elimination of paper document processing and accelerated electronic document processing efficiencies. To achieve these goals the consortium has contracted, through Orange County as the lead county, for the Los Angeles County RRCC to provide, for financial consideration, systems analysis and programming services to develop enhanced electronic recording capabilities for the SECURE system. The selection of Los Angeles County was based on demonstrated expertise and technical solutions provided over the course of SECURE system related events since the December 2009 initial launch of SECURE V2.	In-house development	100 - 500	Contractor Site	2013	$100,000 - $350,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Registrar-Recorder/ County Clerk	Single Point Data Entry (SPDE) GIS	This systems is a highly complex customization of the ESRI's ArcGIS Desktop and ArcSDE software platforms. The system maintains streets, precincts, and precinct-district assignments in the GIS database and passes data to the DIMSNet election management system.	COTS highly customized	< 100	Department	2003 2005	< $50,000		High	Department Mission/Service Delivery
Registrar-Recorder/ County Clerk	Tally Audit Database (TAD) System	This system is comprised of a client application and database that allows user to enter, store, analyze, and report on data associated with the mandated 1% post-election manual tally audit (PEMT)	In-house development	< 100	Department	2007 2010	< $50,000		High	
Registrar-Recorder/ County Clerk	VIMSLITE	Web based application that allows City Clerks and their Staff to look up and view voter records and signature images.	In-house development	100 - 500	ISD/Downey	2000	< $50,000		High	
Registrar-Recorder/ County Clerk	Vote Recorder Page Scan	Scan bar codes of assembled vote recorder pages to ensure correct assembly sequence and page styles.	In-house development	< 100	Department	2001	< $50,000		High	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Registrar-Recorder/ County Clerk	Voter Information Management System	Integrated Voter and Election Management System that supports voter file maintenance, absentee voter processing, poll/worker recruitment, and petition signature verification.	Vendor custom development	100 - 500	Department	1998 2013	$350,000 - $700,000	> 1 million transactions	High	
Registrar-Recorder/ County Clerk	Voter Registration Status Inquiry On The Web	Web enabled database application that allows County residents to look up their current voter registration status including their party affiliation.	In-house development	> 500	ISD/Downey	2008 2012	< $50,000		Low	Department Mission/Service Delivery
Sheriff	290 Computer Database System	Computer tracking system to monitor 290 sex registrant offenders.	In-house development	100 - 500	Department	2011 2012	< $50,000	<100,000 transactions	High	Human Resource Services/Management
Sheriff	Advanced Surveillance and Protection (ASAP) - Acoustic Gunshot Detection (GUND)	The ASAP Acoustic gunshot detection project started in December of 2007. It was developed to strengthen public safety and the quality of life in the areas served by the Los Angeles County Sheriff's Department. The ASAP Acoustic gunshot detection project incorporates the most advanced acoustic gunshot technologies to immediately alert law enforcement personnel when a gun shot has been fired within the specific area of the gunshot detection system. The detection can be done locally and/or integrated into a video surveillance camera. When the system detections an alarm, a trigger will alert and can send a message back to the local station dispatch center where law enforcement officers can be dispatched to the exact location of where the gunshot was fired. The ASAP acoustic gunshot detection project uses several standard law enforcement technologies such as microphone, GPS triangulation and other advanced wireless components, integrated into a command center functioning with station dispatch. The technical components are already in use by the Sheriff's Department and throughout the country.	COTS	< 100	Department	2007	$100,000 - $350,000	100,000 to 1 million transactions	Medium	Procurement/Supply Chain Services/Management

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Sheriff	Advanced Surveillance and Protection (ASAP) - Automated License Plate Recognition (ALPR)	The ASAP ALPR project started in December of 2007. It was developed to strengthen public safety and the quality of life in the areas served by the Los Angeles County Sheriff's Department. The ASAP ALPR project incorporates the most advanced license plate recognition technologies to deter crime through the capturing of license plates, intelligence gathering, and investigations of new and cold cases. The ASAP ALPR project uses several standard law enforcement technologies such as Infra-red cameras, optical recognition and other advanced wireless components, integrated into a command center with ability to initiate dispatches from remote stations. Some of the technical components have already been used by the Sheriff's Department and throughout the country.	COTS	> 500	Department	2007	< $50,000	<100,000 transactions	Medium	Technology Services/Management
Sheriff	Advanced Surveillance and Protection (ASAP) - Carson ALPR/video surveillance project	The purpose of this project is to install numberous video surveillance cameras and Automated License Plate Recognition (ALPR) throughout the City of Carson.	COTS	< 100	Department	2011	$100,000 - $350,000	100,000 to 1 million transactions	High	Technology Services/Management
Sheriff	Advanced Surveillance and Protection (ASAP) - Century Station Video Surveillance System	Video surveillance systems donated to LASD by Leverage and Unisys in unincorporated county areas (Florence, Firestone, Willowbrook).	COTS	< 100	Department	2008		<100,000 transactions	Medium	Human Resource Services/Management
Sheriff	Advanced Surveillance and Protection (ASAP) - Compton Parks and Recreation Video Surveillance Project	Implement videos cameras in the City parks to record and transmits park activity to the dispatch center at the Compton station.	Vendor custom development	< 100	Department	2009	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
Sheriff	Advanced Surveillance and Protection (ASAP) - Fixed ALPR camera at St Francis Hospital	Deployment of one fixed ALPR camera at St Francis hospital.	COTS	< 100	Department	2008	< $50,000	100,000 to 1 million transactions	Medium	Department Mission/Service Delivery
Sheriff	Advanced Surveillance and Protection (ASAP) - Lakewood Mall ALPR/video surveillance system	Numerous video surveillance cameras and Automated License Plate Recognition (ALPR) cameras are installed in and around the Lakewood Mall and parking lot areas.	COTS	< 100	Department	2011	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Sheriff	Advanced Surveillance and Protection (ASAP) - Ted Wadkins Park Video Surveillance System	Deployment of 3 surveillance cameras by Leverage pursuant to bid awarded by LA County. Deployment of one rapid deployment camera system.	In-house development	< 100	Department	2008	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Sheriff	Air Patrol Log (APL)	Air Patrol Log is an intranet tracking application which provides the Aero Bureau a tool to capture and manage the flight mission's data including the type of mission, pilot, passenger, and aircraft.	In-house development	< 100	Department	2003	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Sheriff	Applicant Employment Tracking (TRAC)	TRAC is a commercial off-the-shelf (COTS) software used to manage Departmental exams and the relationships between applicants, exams and scores, and produces result notices for each candidate.	COTS	100 - 500	Department	1988	< $50,000	<100,000 transactions	Low	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Sheriff	Arraignment and Visitation Video System (AVVS) - Phase I	Provides video arraignment of inmates between IRC and Department 30 at the Clara Shortridge Foltz Criminal Courthouse. Wheelchair cases and medical no-go inmates that would have been a problem to transfer to the courthouse have been accomplished via this system. Also, AVVS has been utilized for other types of hearings not associated with the court I.E. Social Security hearings and even testimony between inmates and the 9th circuit court of appeals in San Francisco. This system uses Polycom video conferencing equipment that runs on LANET.	COTS	< 100	Department	2011	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Sheriff	Automated Fingerprint Identification System (AFIS) - COGENT	The current (Cogent) Automated Fingerpint Identification System receives finger and palmprint images (digital) of all arrestees in Los Angeles County from the Livescan Network. The AFIS, interfaces with multiple systems and uses the latest technology to provide for arrest identification, criminal history reporting and to support crime scene investigations.	COTS	100 - 500	Department	1994	< $50,000	100,000 to 1 million transactions	Medium	Accounting/Finance
Sheriff	Automated Fleet/Fuel Information Management System (AFIMS) - AssetWorks Inc.	Authorizes sheriff's vehicles to receive fuel creates database of drivers and automotive equipment and creates reports. NOTE: This is an ISD hosted solution.	COTS	> 500	ISD/Downey	1997 2008	$50,000 - $100,000	100,000 to 1 million transactions	High	Procurement/Supply Chain Services/Management
Sheriff	Automated Food Services System (AFSS)	The Food Services Unit produces more than 75,000 meals per day. Currently, menu planning, purchasing, inventory control, recipe management, nutritional analysis, etc., is decentralized, antiquated and inefficient. An automated food services software application, will better manage our 24 million-dollar annual food budget. This computerized system will support all aspects of recipe management, food preparation, inventory control and procurement. In 2002, a Request for Proposals (RFP) seeking bids to assume overall management of the Department's food services program in the county jail system, instead resulted in the determination that the plan to dismantle the Food Services Unit and contract with a private vendor would not be prudent for the County to pursue. As a result, the Sheriff's Department decided to keep control of food services production and purchase an automated tracking system to ultimately provide an environment that helps them run in a fiscally responsible manner. This commercial-off-the-shelf-software (COTS) package will be modified/customized as appropriate.	COTS	100 - 500	Department	2006	< $50,000	<100,000 transactions	Medium	Accounting/Finance
Sheriff	Automated Jail Information System (AJIS)	Tracks inmates housed in Los Angeles County Sheriff and all police agencies in LA County. Initial Booking and Release with all law enforcement agencies in the County interfaces with local, state and federal agencies	In-house development	> 500	ISD/Downey	1982	$50,000 - $100,000	<100,000 transactions	Medium	Procurement/Supply Chain Services/Management
Sheriff	Blood/Breath Alcohol Program Record (BBAP)	Blood/Breath Alcohol Program is an internet application which allows public and the outside agencies to obtain the Blood/Breath Alcohol tests and related maintenance data for a defendant.	In-house development	< 100	Department	2002 2007	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Sheriff	Blue Check Device System	Mobile fingerprint scanners that transmit fingerprint data to law enforcement officers in the field.	Software as a Service/Cloud/ASP	100 - 500	Department	2007	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Sheriff	Breath Records on the Web	The application allows District Attorneys and other law enforcement officials to access Datamaster brealth alcohol measuring devices maintenance and calibration records via the internet.	Software as a Service/Cloud/ASP	100 - 500	Contractor Site	2012	$50,000 - $100,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Sheriff	Budget Information Management System (BIMS)	The application is used to create the official Salary and Employee Benefits budget. It references the prior year adopted budget and allows for the addition, deletion and transfer of positions.	In-house development	100 - 500	Department	1992 2008	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
Sheriff	Cargo Tracking (CATS)	Cargo CATs is an internet application which provides the public the ability to report file the Loss Report online. The Loss Form is used as a statistical, informational and investigative tool.	In-house development	> 500	Department	2003	< $50,000	<100,000 transactions	Low	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Sheriff	Case Level Evaluation and Tracking System (CLEATS)	Internal case management and statistical tracking system. The system was built to reduce redundancy in certain data entry tasks performed by station detectives daily. A number of repetitive tasks, forms and reports were automated. This helped reduce time wastefully spent pushing paperwork, improved case organization and tracking methods, and added new features and capabilities well beyond those available elsewhere. The system was refined over and over with detectives' input and suggestions on how best to handle mundane typing tasks in the most efficient manner possible, including drop-down menus with type-ahead features that automatically populated many fields on the forms they used daily. In LARCIS, when cases are closed, investigators are credited for their effort on the case closure only once. In reality, closed cases continue to require further work, which only C.L.E.A.T.S. can adequately capture indefinitely. Efforts on open, closed or pending cases are all simultaneously tracked and reported monthly.	In-house development	> 500	Department	2006	< $50,000	<100,000 transactions	Low	Department Mission/Service Delivery
Sheriff	Castaic Lake Video Surveillance System	This system consists of PTZ cameras which monitor Castaic Lake, Castaic Dam and surrounding land. The cameras will be monitored and recorded in the Castaic Lake office. The camera system is internet based and is also viewed on a dedicated monitor at the station dispatch center, where they have the capability to remotely operate the camera viewing angles.	In-house development	< 100	Department	2008	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Sheriff	Certification Desk Management System (CDMS)	This application is a self-service recruitment tool that interfaces with the Department's exam system (TRAC) to give users the ability to create and manage their own referral lists.	COTS	100 - 500	Department	2001	$50,000 - $100,000	<100,000 transactions	Low	Department Mission/Service Delivery
Sheriff	Communications Resource Emergency Workaround (CREW)	This program researches and tests new emergency mobile tactical interoperable communications equipment.	Vendor custom development	100 - 500	Department	2007	$100,000 - $350,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Sheriff	Community Based Information System (CBIS)	The CBIS system is a web-based geographical information system to support the efforts to reduce gang crime in neighborhoods in both Los Angeles and Orange counties. The web-accessible database will provide demographic, employment, community resources, and other neighborhood level data that will assist in addressing gang problems.	Software as a Service/Cloud/ASP	100 - 500	Contractor Site	2010	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Sheriff	Compaq Pentium (VOIP)	System provides call processing for IP phone users.	COTS	100 - 500	Department	2009	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Sheriff	Conditions of Probation - Phase I - Juvenile	Tracks juvenile summary and formal conditions of probation.	COTS	100 - 500	ISD/Downey	1997 2007	< $50,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Sheriff	Conditions of Probation System (COPS) - Phase II - Adult	COPS currently provides law enforcement officers with timely and accurate information on enforceable conditions of probation for juveniles only. When phase II of COPS is completed, it will also contain information for both adult summary and formal probation cases and will be integrated with the existing juvenile records in the COPS database. There is a State-mandated need for tracking both juvenile and adult probationers and their associated conditions of probation. Additionally, as part of a State-wide gang tracking initiative, all gang, arson, narcotics and sex offenders are required to register with their local police agency. Phase II interfaces the Superior Court's Trial Court Information System (TCIS) to both the Sheriff's Department COPS system and the State's GARD system. Benefits: Police officers in the field will have access to conditions of probation and the registration status for adults, as well as juvenile offenders.	In-house development	> 500	ISD/Downey	2005	< $50,000	100,000 to 1 million transactions	Medium	Department Mission/Service Delivery
Sheriff	COPS Statistical Tracking Database	A web based tracking system used for COPS Bureau personnel to input daily statistical data, photos, special projects, and activities. The system resides on the SDN.	In-house development	100 - 500	Department	2008	$50,000 - $100,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Sheriff	Correctional Inmate Risk Assessment	Risk assessment tool to assist w/ placing inmates in the community	COTS	< 100	Department	2011	< $50,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Sheriff	Countywide Warrant System (CWS)	Tracks all Los Angeles County wants and warrants.	COTS	> 500	ISD/Downey	1987	< $50,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Sheriff	Crime Lab Building Management System (CBMS)	The Crime Lab has a Building Management System (BMS) computer that operates the building air-conditioning and lighting systems. In addition, the BMS collects critical building alarm data from internal and external sources.	COTS	< 100	Department	2010	$350,000 - $700,000	<100,000 transactions	Low	Department Mission/Service Delivery
Sheriff	Crime Laboratory Imaging Project (CLIP) Phase I and II	The new CLIP image storing system allows the crime lab to acquire and store all images taken by the crime lab in a secure database that can be accessed via administrator permissions. The system consists of front end capture systems, such as comparison microscopes in the Firearms Section and biological scanning systems in the DNA Unit in all of the Major Crimes Sections. Phase I - Microscope Scientific Imaging of evidence.	COTS	100 - 500	Department	2008	< $50,000	100,000 to 1 million transactions	High	Technology Services/Management
Sheriff	CrossRoads	CrossRoads is a web-based application that tracks parking/traffic citations, traffic collisions, driving under the influence violations, hit and run violations and also provides case management.	COTS	100 - 500	Department	2011 2013	> $1,000,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Sheriff	Custody Training System (CTS)	Formerly known as TARUS, the Custody Training System (CTS) tracks custody training that occurs within the Los Angeles County Sheriff's Department.	In-house development	100 - 500	Department	2004 2012	$100,000 - $350,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Sheriff	Defendant Inmate Movement Management System (DIMMS)	The DIMMS system provides a mechanism to track inmate movement using barcode scanning technology. Implementation of the first phase of the DIMMS application to all 10 custody and 45 court lockup facilities was completed in February 2001. The system replaced manual and paper-driven processes relating to the movement of inmates held in the County jail system. DIMMS interfaces with the Sheriff's Automated Justice Information System (AJIS) using the County's PIX data exchange. The second phase of DIMMS will expand the inmate tracking functionality of DIMMS and replace the legacy system, TMAS, which is currently used to create bus loading plans for inmate transportation to all courts. Need: The need for improved mechanisms to track inmate movement from Custody to courts and back to Custody was identified in the Custody Automation Plan. Manual processes are inadequate and result in errors given the volume and complexity of the inmate transportation requirements of Custody. These errors result in both court delays and inmate security problems. In addition, TMAS is a legacy mainframe system that is costly and difficult to maintain. It will be replaced by expanding the current DIMMS database and creating new reports used to load inmates on buses for transport to all courts. DIMMS has resulted in a more efficient system for tracking inmate movement. Errors of transportation to the wrong court have been reduced. Inmate security has also been enhanced through access to the DIMMS database. Barcode technology provides Custody and the court lockups with an efficient means of tracking inmate locations. DIMMS Phase II will result in a more efficient system for planning inmate transportation, and builds upon the improvements provided by DIMMS.	COTS highly customized	> 500	Department	2001 2009	< $50,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Sheriff	Department Wide Intranet Video Training, Tracking, and Testing System	The Sheriff's Video Training System are computer servers that utilize the Sheriff's Data Network that is installed at every major facility in the Sheriff's Department. This system enables high-quality video, audio and text to be viewed, via intranet, on any Department computer, 24 hours a day, by all Sheriff's Department employees. Programming includes video training, informational video, alerts, live executive messages, evidentiary video, and interactive classroom instruction. The system also provides online quizzing and detailed statistical tracking of users.	In-house development	< 100	Department	1989 2005	> $1,000,000	> 1 million transactions	High	Department Mission/Service Delivery
Sheriff	Deputy Sample Test (DST)	Deputy Sample Test is an internet application which provides the potential candidates who applied for a position of Deputy Sheriff Trainee an opportunity to prepare and practice a written exam.	In-house development	< 100	Department	2001 2007	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Sheriff	Electronic Probable Cause Determination (EPCD)	This system provides Deputies in the field the capability of entering EPCD information electronically.	Vendor custom development	> 500	Department	2012	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Sheriff	Electronic Uniform Daily Activity Log (E-UDAL)	An application to track provision of Title 15 mandated services to inmates in Custody.	In-house development	100 - 500	Department	2011	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Sheriff	Emergency Operations Center (EOB) video surveillance system	Currently 30 video surveillance cameras are installed at EOB/EOC on an instance of the DVTEL video surveillance platform.	COTS	< 100	Department	2010	< $50,000	<100,000 transactions	Low	Human Resource Services/Management
Sheriff	Employee Information System (EIS)	Provides current and historical information describing LASD personnel and staffing compliments. Content areas include Personal, Assignment, Residence and Emergency Contact information.	COTS	100 - 500	Department	2000	< $50,000		High	Department Mission/Service Delivery
Sheriff	Employee Performance Evaluation and Tracking System (EPETS)	EPETS tracks LASD performance evaluation data and provides reports, alerts and generates correspondence. The application is a sub-module to the Station/Bureau Administrative Portal System.	In-house development	100 - 500	Department	1999	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Sheriff	Employee Reporting System (ERS)	Tracks the relationship between applicants and associated raters.	COTS	100 - 500	Department	2000	< $50,000	<100,000 transactions	Medium	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Sheriff	Employee Supervisor Assignment System (ESAS)	This application tracks manager/supervisor assignment for all of Sheriff's Department employees. Supervisor information is uploaded weekly into the County's Learning Management System (LMS).	In-house development	100 - 500	Department	2007 2008	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Sheriff	Employee Support Services (ESS) Tracking System	ESS system is Compulink COTS Tracking/Scheduling system application which tracks employee and family members' therapy appointments as well as counseling session and topics information.	In-house development	< 100	Department	2004	> $1,000,000	<100,000 transactions	Low	Department Mission/Service Delivery
Sheriff	Enterprise Asset Management System (EAMS) - MAXIMO	Uses IBM/MRO's Maximo Suite (MXES) for managing work order, facilities maintenance, inventories and asset lifecycles. This system will include wireless mobile computing and interface to the County eCAPS.	COTS	100 - 500	Department	2007	$700,000 - $1,000,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Sheriff	Enterprise Building Integrator (EBI) at MCJ and NCCF - Honeywell Systems	The system allows Facilities Services Bureau to manage and operate building temperature and controls at NCCF. The system is set up and designed to save energy consumption which will result in a energy usage savings to the department.	COTS	< 100	Department	2010	< $50,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Sheriff	Enterprise Geographical Information System (eGIS)	The eGIS enables the implementation of the Automatic Vehicle Locator (AVL) which enhances the ability of dispatching units based on their location to the call for service and also officer safety. In addition, LASD has the ability to use the County's ESRI mapping solution for numerous crime statistical systems and applications.	COTS	> 500	Department	2009	$50,000 - $100,000	100,000 to 1 million transactions	Low	Department Mission/Service Delivery
Sheriff	E-Pitchess Communication System	Electronic communication between the Public Defender/Alternate Public Defender's Offices and the Discovery Unit to receive Pitchess Motions through electronic medium.	COTS	< 100	Department	2010	> $1,000,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Sheriff	Equity Training Program (ETP)	Equity Training Program is an intranet application which provides the Bureau Of Compliance a tool to capture the Equity training and related information including pre and post tests mandates.	In-house development	< 100	Department	2002 2007	> $1,000,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Sheriff	E-Subpoena Notification System - Phase I	Electronic subpoena notifications to Department members in lieu of the existing U.S. mail. The software for this system was provided to LASD by LAPD. This software will be loaded on a notification server which will push out E-mail Subpoena notifications to Department members. Once the Department member receives this E-mail notification, they click on a link to acknowledge they have received the E-Subpoena and the court is notified the person has been notified.	In-house development	> 500	Department	2011	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Sheriff	Event Staff Management System (ESM) - Sub-System of LARCOPP	Each year, the Sheriff's Department is contracted by outside agencies to provide security and law enforcement services for special planned events such as the Tournament of Roses Parade, Christopher Street West Parade and Elections. The Emergency Operations Bureau (EOB) oversees the planning, recruiting and assigning of personnel to work during the planned event. This system is used to track resource assignments such as personnel and equipment.	COTS	100 - 500	Department	2010	< $50,000	<100,000 transactions	Medium	Office and Productivity Services/Management
Sheriff	Evidence Tracking System (ETS)	Evidence tracking, case management and report generator system for Crime Lab.	COTS	100 - 500	Department		< $50,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Sheriff	Evidence Tracking System (MS Access)	Microsoft Access database system to record and track evidence at the Sheriff Station level. Access is limited to only each individual Sheriff Station and data sharing is not being accomplished in an efficient manner.	In-house development	> 500	Department	1999	< $50,000	<100,000 transactions	Low	Procurement/Supply Chain Services/Management
Sheriff	Eye in the Sky Aerial video surveillance project	The City of Lancaster is working to implement an Arial surveillance program. A high tech camera will be mounted on a fixed wing plane which will initially be deployed during known busy days/shifts. The focus of the camera will be controlled by desk personnel at Lancaster Station, who will be able to direct the camera to monitor crimes in progress, gang activity or any other situation where immediate monitoring would assist enforcement efforts.	Software as a Service/Cloud/ASP	< 100	Contractor Site	2013	$50,000 - $100,000	> 1 million transactions	High	Department Mission/Service Delivery
Sheriff	Facilities Automated Statistical Tracking (FAST)	A Paradox v7 database used to collect, analyze and report risk management data in a consistent manner. Modules incl. Inmate Assaults, Injuries, Complaints, Searches/Weapons found, Death Info, Escape etc. System is at a critical state. System failure is imminent! CARTS will replace FAST.	COTS	100 - 500	Department	1999 2013	< $50,000	100,000 to 1 million transactions	High	Technology Services/Management
Sheriff	Financial Information System II (FIS II)	FIS II tracks revenue within the Los Angeles County Sheriff's Department, generated by invoice billing to our Contract City clients, private entities, state, federal, and other government agencies.	COTS	100 - 500	Department	2003	< $50,000	<100,000 transactions	Low	Human Resource Services/Management
Sheriff	Financial Management System (FMS)	The application allows for real-time distribution, reallocation and tracking of Services and Supplies appropriations, purchasing, general accounting and expenditure management.	COTS	100 - 500	Department	1992	$350,000 - $700,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Sheriff	Fixed Assets System II (FASII)	FAS II is an inventory system tracking all fixed asset items purchased by the Sheriff's Department having a value in excess of $5,000.00.	In-house development	100 - 500	Department	2002	> $1,000,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Sheriff	Fleet Management Shopfax System	Creates Repar Orders, handles inventory and cost analysis of vehicle fleet.	COTS	100 - 500	Department	1997	< $50,000		High	Procurement/Supply Chain Services/Management
Sheriff	Force Review Tracking System (FRTS)	Force Review Tracking System is an intranet application which provides Court Services a tool to effectively document force being used on the inmates in courts and to reassess the risk management.	In-house development	100 - 500	Department	2001	> $1,000,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Sheriff	Genemapper ID-X Upgrade Project	This centralized installation allows DNA analysts to more efficiently analyze and review examination results using the current generation of software tools and analytical equipment appropriate for the task.	COTS	< 100	Department	2009		> 1 million transactions	High	Department Mission/Service Delivery
Sheriff	Graffiti Tracker	Third party internet accessed graffiti database.	Software as a Service/Cloud/ASP		Department		< $50,000	100,000 to 1 million transactions	Medium	Department Mission/Service Delivery
Sheriff	Health and Safety Tracking (HST)	This system tracks the types and causes of disabilities and injuries by employee by unit of assignment. The system also tracks the length of time an employee is affected by the injury.	COTS	100 - 500	Department	1992 2007	$350,000 - $700,000	100,000 to 1 million transactions	High	Accounting/Finance
Sheriff	Helicopter Video Downlink Project - Phase II	This purpose of project is to install video downlink receiver equipment on all remote command posts as well as the DOC.	Software as a Service/Cloud/ASP	< 100	Department	2013	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Sheriff	Heliport Information System (HIS) - Phase I	Tracks LASD Heliport landing locations and services associated with those locations. Provide up-to-date helipad information for Aero Bureau throughout LA County.	In-house development	< 100	Department	2010	$50,000 - $100,000	<100,000 transactions	High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Sheriff	Homicide Bureau Case Management / VICAP system	This system assists Homicide Bureau to track Homicide cases and Violent career criminals.	In-house development	< 100	Department	2005	< $50,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Sheriff	Hughes (Formerly Helios) Digital Signage / LifeSize Video Conferencing System	Every Sheriff Facility has some sort of large flat screen monitors to display digital content and perform video conferencing. As of March 30, 2011, maintenance has been purchased for this system.	COTS	> 500	Department	2009	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Sheriff	Incident Reporting Information System (IRIS)	IRIS provide multi-dimensional WEB access for Detectives, Line Officers, Crime Analysts and Terrorism Early Warning (TEW) Analysts to look at integrated crime and law enforcement activity information.	COTS	> 500	Department	2007	< $50,000	100,000 to 1 million transactions	Medium	Technology Services/Management
Sheriff	Inmate Executive Dashboard (IED)	The application is designed to assist with managing the movement of inmates through the intake process. Inmate are expected under normal conditions to be assigned a housing location within 24 hours.	In-house development	100 - 500	Department	2006	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Sheriff	Inmate Ghosts Dashboard (IGD)	This application identifies inmates who have been booked and physically released but are missing release information. The application provides ghost information by facility, court, police department.	In-house development	100 - 500	Department	2007	< $50,000	<100,000 transactions	Medium	Office and Productivity Services/Management
Sheriff	Inmate Information Center (IIC)	The Inmate Information Center is an internet application which provides the public with the ability to search certain detailed information about inmates.	COTS	< 100	Department	2000	< $50,000	<100,000 transactions	High	Office and Productivity Services/Management
Sheriff	Inmate Pin Assignment System (IPAS)	Application issues PIN numbers for inmates phone use the application is interfaced with the current phone provider PCS	In-house development	< 100	Department	2011	< $50,000	<100,000 transactions	Low	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Sheriff	Inmate Reports Tracking System (IRTS)	The Inmate Reports Tracking System (IRTS) was developed to keep track of all inmates' incidents, disciplinary hearings, and outcomes of disciplinary hearings.	In-house development	100 - 500	Department	2001	< $50,000	100,000 to 1 million transactions	Medium	Accounting/Finance
Sheriff	Inmate Special Handling (ISH)	Compliments AJIS and JICS in the identification and classification of inmates with special needs, security, housing or medical.	In-house development	100 - 500	Department	2010	> $1,000,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Sheriff	Inmate Transfer Line (ITL)	Assists in the management of the inmate population and the assignment of inmates to housing facilities throughout Custody.	In-house development	< 100	Department	2003	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Sheriff	Inmate Video Visiting System (IVVS)	The IVVS will provide scheduling of visits of inmates, registration of video visits, and video conferencing electronically from Sheriff Station / Jail Facilities.	COTS highly customized	< 100	Department	2012	< $50,000	100,000 to 1 million transactions	Medium	Human Resource Services/Management
Sheriff	Integrated Archive Platform (IAP) System	Hewlett Packard (HP) IAP servers and storage system stores, captures and archives all sent and receieved users e-mail for entire enterprise. This system replaced the Reference Information Storage System (RISS). To store, capture, and all sent and received e-mail for all Department members. This e-mail data will be used for ongoing internal affairs investigations etc.	COTS	> 500	Department	2010 2013	$50,000 - $100,000	100,000 to 1 million transactions	High	Human Resource Services/Management
Sheriff	Jail Health Information System (JHIS) - Phase 1	Creates and tracks health care services provided to LA County Jail Inmates.	COTS highly customized	> 500	Contractor Site	2001	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Sheriff	Jail Information Management System (JIMS) - Phase I	The development of a replacement system to the legacy jail management system (Automated Justice Information System - AJIS) will continue to be a major initiative of the next four fiscal years. The new system provides expanded and improved functionality for all components of a jail management system. The first phase of JIMS has now been implemented. JIMS is now operational. The design, construction, and implementation of specific functional components for Phase 1 were completed in FY2007-2008. Phase 2 is targeted for initiation in FY2008-2009 and will be developed and implemented in multiple stages. Based upon priority and system dependencies, new modules will incrementally be developed and implemented over the next four years. It is anticipated that AJIS replacement will occur in FY2011-FY2012 time frame.	COTS highly customized	> 500	Department	2006 2012	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Sheriff	Jail Inmate Classification System (JICS) Phase 1, Stage 1	Provides a decision-tree classification system used to classify all inmates at IRC. JICS has an interface with the AJIS system.	COTS highly customized	100 - 500	Department	2002	< $50,000	<100,000 transactions	High	Procurement/Supply Chain Services/Management
Sheriff	Justice Data Interface Controller (JDIC)	The Justice Data Interface Controller (JDIC) is a message switch mandated by law to provide access for all law enforcement and criminal justice agencies in Los Angeles County to local, state and federal databases. Original system was implemented in 1976 and has been upgraded four times. telecommunication lines to databases.

The state mandated that each Sheriff's Department in each county develop a message switch to serve as the point of access for all law enforcement agencies and criminal justice agencies in the county into the state and federal criminal justice databases.Benefits: JDIC provides a common user interface and central point of access into the local, state and federal criminal justice databases. It provides both a cost effective means by which all law enforcement agencies within the county can have equal access to these databases and resource sharing of communication paths reducing costs for individual | In-house development | > 500 | Department | 1959 | < $50,000 | <100,000 transactions | High | Office and Productivity Services/Management |
Sheriff	LA County Murders.com (LACM)	LACountyMurders.com is an internet website which provides murder information in the LA County Sheriff's jurisdiction and participating cities.	COTS	100 - 500	Department	2003	< $50,000	<100,000 transactions	Low	Accounting/Finance
Sheriff	Lab Track	This sytem allows department personnel to request latent fingerprint collection, case management and track response by crime lab personnel.	In-house development	100 - 500	Department	2004	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
Sheriff	Lakewood Station Video Surveillance System	Currently 35 video surveillance cameras are installed in and around the perimeter of Lakewood Station, including the jail lockup and interview rooms. This system is used by dispatch personnel as well as detectives to view recorded video.	In-house development	< 100	Department	2010		<100,000 transactions	Medium	Department Mission/Service Delivery
Sheriff	LASD University Registration Program (LASDU)	LASD University Registration program is an internet application which allows the LASD employees and the outside agencies to enroll through LASD University and be eligible for discounts.	COTS	100 - 500	Department	2007	$50,000 - $100,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Sheriff	Law Enforcement Agencies Pawn System (LEAPS)	This is a pawn shop tracking system that tracks all pawn shop transactions on a weekly basis. The system generates reports that is used by other Sheriff's Department units and/or Sheriff Station personnel. The reports provide information on pawned or purchased products.	In-house development	100 - 500	Department	2009	< $50,000	100,000 to 1 million transactions	Low	Technology Services/Management
Sheriff	Leica Imaging System (LEICA)	3D image capture of crime scenes for analytical and review purposes. Leica Scan Station allows a complete 3D image to be captured and records an extraordinary number of measurements .	COTS	< 100	Department	2008	$50,000 - $100,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Sheriff	Los Angeles City Attorney Arrest Data Exchange	LA City Attorney files thousands of misdemeanor cases, which require significant data entry based on booking slip LACA has requested LASD to provide arrest/booking information electronically to avoid data entry effort and improve the accuracy. Technical approaches: 1) Web services to access RAJIS data or 2) ISAB (Quovadx) send real time BK01 transactional data to LACA.	In-house development	< 100	Department	2012	< $50,000	<100,000 transactions	High	Human Resource Services/Management
Sheriff	Los Angeles County AMBER Alert System	Warning System providing the public and public safety agencies with immediate information regarding the abduction of a child.	COTS	100 - 500	Department	2001 2013	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
Sheriff	Los Angeles County Offender Monitoring System (LACOMS)	The LACOMS system uses GPS and RF technology to track various inmate populations that have been released from Custody but under the jurisdiction of the Sheriff. The Electronic Monitoring Program (EMP), recently approved for implementation by the Board, is a major component of this project. The EMP program includes sentenced misdemeanor offenders who will be mandated to serve their sentence through home detention using electronic monitoring with ankle bracelets. Other populations for this project include inmate worker participants remaining in Custody but allowed to participate in various work programs and gang members with GPS monitoring imposed by the courts.	Software as a Service/Cloud/ASP	100 - 500	Contractor Site	2013	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Sheriff	Los Angeles County Regional Identification System (LACRIS) - IDENTIX	A Identix livescan system captures and transmits digital fingerprints and mugshot images for submission to AFIS system, LACRIS Mugshot system, and Cal-Photo.	COTS	> 500	Department	1996	< $50,000	<100,000 transactions	Low	Technology Services/Management
Sheriff	Los Angeles County Regional Information System (LACRIS) - LA Photo Manager	The system receives booking images (mugshots) of all arrestees in Los Angeles County from the Livescan Network and makes them available to all Law Enforcement Agencies on a real time basis. The applications which are used for mugshot systems are evolving at a rapid pace and producing technical advancements that provide higher resolution and facial recognition to better identify arrested suspects. Comprehensive and seamless integration of biometric identification information within L.A. County justice agencies, as well as state and Federal agencies (INS for example) must be completed to appropriately charge criminal suspects, enhance prosecution, and manage the criminal population. The new Mugshot system (Dataworks Plus) will support electronic images of higher resolution and marry the images to fingerprint and demographic data of the arrested individual.	COTS	100 - 500	Department	1999	< $50,000	100,000 to 1 million transactions	High	Human Resource Services/Management
Sheriff	Los Angeles County Sheriff's Department Dashboard (DASH)	The Dashboard project utilizes Cognos Business Intelligence software, that developed a "Dashboard" for management information and provided multi-dimensional access for users to look at integrated incident information from the Sheriff's Regional Allocation of Police Services (RAPS) system.	In-house development	100 - 500	Department	2005	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Sheriff	Los Angeles Regional Common Picture Project (LARCOPP)	This system provides enhanced common operating picture, for situation and resource status via satellite video. Future Concepts is the focal point for the LARCOPP network with numerous mobile vehicles deployed utilizing numerous types of proprietary Future Concepts equipment.	Vendor custom development	100 - 500	Contractor Site	2008		<100,000 transactions	Medium	Office and Productivity Services/Management
Sheriff	Los Angeles Regional Crime Information System (LARCIS)	The Los Angeles Regional Crime Information System (LARCIS) is the Records Management System (RMS) for the Sheriff's Department. It is used to track the more than 350,000 Incident reports completed by the Sheriff's Department each year, and serves as a repository for a large quantity of data collected from those reports. LARCIS provides: 1)Case management 2) Statistical reports of that data to State and Federal agencies 3) Crime investigation and analysis 4) A platform for regional crime analysis available to all law enforcement agencies in the county.	In-house development	> 500	Department	2000	< $50,000	<100,000 transactions	High	Technology Services/Management
Sheriff	Los Angeles Regional Crime Stoppers	Tipsoft is used by CrimeStoppers as the management program to receive, distribute and disposition all incoming anonymous tips for the Crimestoppers Program. This management system is web- based and can be remotely accessed through any computer with access to the internet.	Software as a Service/Cloud/ASP	< 100	Contractor Site	2012	< $50,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Sheriff	Marina Del Rey Boat Database System	This client server application tracks all vessels, Live-aboards, and owner information of vessels moored in Marina Del Rey harbor. Also, the system tracks all citations and crimes related to vessels in Marina Del Rey. This system was developed by Marina Del Rey Sheriff Station.	In-house development	< 100	Department	2002 2007	$100,000 - $350,000	100,000 to 1 million transactions	Medium	Department Mission/Service Delivery
Sheriff	Master Time Subsystem	Used to sychronize time on MDC, MDT's, CAD, Voiceprint and the SDN.	COTS	< 100	Department		< $50,000	<100,000 transactions	Medium	Technology Services/Management
Sheriff	MCM Inventory System	Automated Inventory System for Communications Equipment. Network based servers that maintain database of all mobile and portable communications equipment and accessories.	COTS	< 100	Department	2008	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Sheriff	Men's Central Jail (MCJ) / Twin Towers Correctional Facility (TTCF) Video Surveillance system	This project is part of a multi-phased larger project to install CCTV video surveillance cameras throughout Custody Division. 1,564 cameras installed at MCJ and TTCF running 10FPS.	COTS highly customized	100 - 500	Department	2010 2012		<100,000 transactions	Low	Technology Services/Management
Sheriff	Men's Central Jail and TTCF Video Surveillance system	This project is part of a multi-phased larger project to install CCTV video surveillance cameras throughout Custody Division. 1,564 cameras installed at MCJ and TTCF running 10FPS.	COTS	100 - 500	Department	2012	< $50,000	<100,000 transactions	Low	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Sheriff	Military Reserve Background Tracking (MRBT)	This application manages and tracks the LASD military reservists and employees with a military background.	In-house development	< 100	Department	2008	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
Sheriff	Mobile Data Terminal (MDT) Maintenance	Keep current mobile equipment inventory at a viable level. Troubleshoot and maintain equipment used for the transmission and reception of data from Justice Department Information Data Bases.	COTS	> 500	Department	1986	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Sheriff	Mobile Digital Communication System (MDCS) - CAD	The MDCS CAD functions as the command and control communication system for the Sheriff's Department. It is a fault tolerant computer aided dispatch system interfacing with mobile terminals.	COTS highly customized	> 500	Department	1989	< $50,000	<100,000 transactions	Medium	Office and Productivity Services/Management
Sheriff	Mobile Digital Communication System (MDCS) - Inventory System	Automated Inventory System for Communications Equipment. Network based servers that maintain database of all mobile and portable communications equipment and accessories.	COTS	100 - 500	Department	2003	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Sheriff	Mobile Digital Communications System (MDCS) - Maintenance	Maintain, enhance and replace the infrastructure, hardware and software for the Mobile Digital Communications System (MDCS). The MDCS is comprised of a 62 channel UHF radio system, radio switching system, 26 node computer-aided dispatch system and 10 channel wireless data system supporting mobile terminals and computers in field vehicles, buses and boats. The MDCS system functions as the command and control communication system for the Sheriff's Department. In this capacity, it is used to speed and coordinate responses to citizen's calls for service including interfaces to the 9-1-1 system. It is the collection point for data concerning deputy workload, passing collected information to other Sheriff systems for statistics and reporting. A 24-hour data center supports the 26 node fault tolerant computer-aided dispatching system which processes calls for service and provides interfaces to local/state/federal law enforcement databases for field personnel via more than 2500 wireless mobile terminals and computers. The radio and wireless data transmission utilize the Internal Services Department (ISD) microwave backbone at more than 55 sites.	COTS highly customized	> 500	Department	1989	< $50,000	<100,000 transactions	High	Human Resource Services/Management
Sheriff	Mobile Event Tracking System (METS)	A mobile/handheld solution to record inmate and group events thru the use of scanning 1D and 2D bar codes. Initial focus are the events centered around Title 15 security checks and compliance dashboards. Once fully deployed the solution will record all events as identified in the Uniform Daily Activity Log.	In-house development	100 - 500	Department	2013	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
Sheriff	Mobile Inmate Tracking System (MITS)	Manage the inmate movement thru wireless technology application is complimentary to DIMMS desktop solution	In-house development	100 - 500	Department	2012	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
Sheriff	Modified Automated Process and Accounting System (MAPAS)	The Modified Automated Process and Accounting System (MAPAS) is an in production computer application which assists the Sheriff's Department and other County Departments in tracking the service of civil and criminal process and subpoenas. MAPAS is also an automated accounting program which interfaces with the County Auditor-Controller's Trust Warrant Writing System (TWWS). MAPAS is accessed by approximately forty County sites over the County's computer network system.	Vendor custom development	100 - 500	ISD/Downey	1998	< $50,000	<100,000 transactions	Low	Department Mission/Service Delivery
Sheriff	Narcotics Bureau Oracle Database- Applications	Currently, there are two servers (database and application) that are installed within Narcotics Bureau. These servers support eleven (11) Narcotics Bureau applications that are mission critical to Narcotic Bureau's operations. I.E. WebNets - Narco Evidence Tracking, Narco Operation Logs, Narco Warrant System, Confidential Narco Informant system etc	In-house development	100 - 500	Department	2011	< $50,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Sheriff	Narcotics Imaging Capture System (NICS)	NICS records and stores images of Narcotics evidence. NICS is deployed within the four regional controlled substance laboratories of Scientific Services Bureau. It serves to provide a digital platform to record and store Narcotics evidence digital images. NICS cameras capture images of submitted drug cases. These images are subsequently placed in a searchable image database where they can be easily accessed by authorized personnel. The NICS database and software ensure that legal requirements for image security and protection are met as well as help maintain a secure audit trail of activities associated with each image. Each capture station has a high resolution camera in order to capture Narcotics evidence images and stores them in a centralized database. This centralized NICS database can be searched and/or print out pictures of the Narcotics evidence.	COTS	100 - 500	Department	2008	< $50,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Sheriff	NIXLE - Dynamic Publication of Press Releases and News Advisories	Nixle is a communication system that connects residents with the agencies that serve and protect them. Residents can use Nixle to recieve information ranging from critical alerts to community news. Additionally, residents can choose how they receive this information - by SMS (text message), email, over the Web or by mobile application.	COTS	> 500	Contractor Site	2010	$100,000 - $350,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Sheriff	Northpointe Youth Compass	A web based youth offender assessment, tracking, and case management software solution.	Software as a Service/Cloud/ASP		Department	2009 2012	$100,000 - $350,000	<100,000 transactions	High	Department Mission/Service Delivery
Sheriff	Numara Track-It System	Numara Track-It is organization software for help desk operations. LACRIS uses the Help Desk, Inventory, Solutions, Reports and Home Page modules. Help Desk to track, document, and complete over 30,000 work orders a year directed to the LACRIS Help Desk. Inventory module - the type, ID, location and primary user of about 4300 pieces of equipment are entered into the software. The inventory allows LACRIS to account for all the equipment it distributes. We can also reference the inventory module, when a user calls, to specifically determine which piece of equipment they have. Solutions module is a reference for common procedures and solutions to problems that occur. Generates statistical reports on system problems and individual productivity. Home Page - a snap-shot of overdue work orders, work orders by month and a place to insert important announcements.	COTS	< 100	Department	2004	< $50,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Sheriff	OmniForm Premium 5.0 (OMNI)	Provides electronic forms to the entire Los Angeles County Sheriff's Department posted in both the Intranet Forms Library and in Microsoft Outlook.	COTS	> 500	Department	1995	< $50,000	<100,000 transactions	High	Human Resource Services/Management
Sheriff	Operations Information Manager (OIM) - Court Services Division	A relational database utilizing FileMaker as the front and backend. OIM is used to assist Bureau Operations personnel in tracking employee and event information and automates reporting and repetitive tasks.	In-house development	100 - 500	Department	2012	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Sheriff	Operations Information Manager (OIM) - Narcotics Bureau	A relational database utilizing FileMaker as the front and backend. OIM is used to assist Bureau Operations personnel in tracking employee and event information and automates reporting and repetitive tasks.	In-house development	< 100	Department	2008	< $50,000	<100,000 transactions	Low	Department Mission/Service Delivery
Sheriff	Operations Tracking System	Keeps track, calculates figures, and generates reports on Palmdale Station's Service Comment Reports for COMM, PERS, SERV. Also Uses of Force. Automatically provides figures for CARS reports. This system was developed due to PPI not being able to provide timely up to date data in a format the local Sheriff Station needs for their monthly CARS Report.	In-house development	< 100	Department	2010 2012	$100,000 - $350,000	<100,000 transactions	Medium	Department Mission/Service Delivery

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Sheriff	Overtime Expenditure Tracking System (OETS)	This application provides data entry at the Unit level for overtime projection and confirmation. The system will also download actual OT expenditures and OT hours from Countywide CWTAPP, CWPAY. This project is an in-house system development and is based on the new Oracle Application Express and BI Publisher development tool set. OETS will provide data entry at the Unit level for overtime projection and confirmation. The system will also download actual OT expenditures and OT hours from Countywide CWTAPP, CWPAY, and eCAPS systems for management reporting with drill down capability and user real time ad hoc reporting.	In-house development	100 - 500	Department	2008	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Sheriff	Palantir	Enterprise wide implementation of Crime Analyst/Analytic Software to supplement COPLINK and RTIIS information.	COTS highly customized	100 - 500	Department	2010	< $50,000	<100,000 transactions	Low	Department Mission/Service Delivery
Sheriff	Palmdale Sheriff Station video surveillance system	Currently 33 video surveillance cameras are installed in and around the perimeter of Palmdale Station, including the jail lockup, booking areas and interview rooms. This system is used by dispatch personnel as well as detectives to view recorded video.	In-house development	< 100	Department	2010	< $50,000	<100,000 transactions	Low	Department Mission/Service Delivery
Sheriff	Personnel Information Mgmt Systems (PIMS)	The application allows for the creation, management and tracking of positions within the Department and establishes the relationships between these items/positions and employees.	In-house development	100 - 500	Department	1988	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Sheriff	Personnel Performance Index (PPI)	PPI is a tracking system which records data relevant to incidents involving use of force, shootings, service commendations /complaints, executive commendations, administrative investigations, and civil claims.	In-house development	100 - 500	Department	1992	< $50,000		Medium	Technology Services/Management
Sheriff	Personnel Resource Information Management System (Future Concepts Inc.)	Software application that provides available resources for event planning and emergency operations.	COTS	100 - 500	Department	2011	$100,000 - $350,000		High	Office and Productivity Services/Management
Sheriff	Pitchess Detention Center (PDC) East Facility Video Surveillance System	Currently 77 video surveillance cameras are installed in all areas of PDC - East Facility. The video surveillance platform is DVTEL.	COTS	< 100	Department	1999	< $50,000		Medium	Office and Productivity Services/Management
Sheriff	Pitchess Detention Center (PDC) Warehouse - MP2 inventory system	The MP2 program is for warehouse and parts inventory tracking as well as equipment maintenance tracking. It is used by the laundry to track the equipment parts and their warehouse inventory. Moreover, it is used to track equipment repair and maintenance at the time of purchase. Bar codes and scanners are used in conjunction with the application.	COTS	< 100	Department	2004	< $50,000		Medium	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Sheriff	POE Email Violation Tracking (PEVT)	This application is used by the Bureau Of Compliance to keep track of the viewers of the E -Mail Advisement video which is mandated to all supervisors to re-enforce E-Mail violation policy.	COTS		Department	2009	$100,000 - $350,000		High	Office and Productivity Services/Management
Sheriff	Point of Sale (POS) Cashiering System	Administrative and Training Division (ATD) is in the process of starting a new project to implement a POS Fiscal application to automate the collection of monies at each Sheriff Station for various fees. I.E. Towing, Report copies etc.	COTS	> 500	Department	2013	$100,000 - $350,000		High	Office and Productivity Services/Management
Sheriff	Pre-employment Tracking System (PTS)	This application tracks civilian and sworn applicants through all 5 phases (i.e. Interview, Background, Polygraph, Review, and Medical) of the pre-employment process.	In-house development	100 - 500	Department	2001	< $50,000		Medium	Office and Productivity Services/Management
Sheriff	Pyramid Lake Video Surveillance System	This system consists of PTZ cameras which monitor Pyramid Lake, Pyramid Dam and surrounding land. The cameras are currently monitored and recorded in the Pyramid Lake office. The camera system is internet based and is also viewed on a dedicated monitor at the station dispatch center, where they have the capability to remotely operate the camera viewing angles.	Software as a Service/Cloud/ASP		Contractor Site	2012	> $1,000,000	>1 million transactions	High	Department Mission/Service Delivery
Sheriff	Regional Allocation of Police Services (RAPS)	RAPS is an on-line system used to search Mobile Digital Computer System (MDCS) patrol activity data. Users can run queries for a Region, Station, Unit, or Incident.	In-house development	> 500	Department	1992	< $50,000	<100,000 transactions	Medium	Procurement/Supply Chain Services/Management

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Sheriff	Relational Countywide Warrant System (RCWS)	An Oracle relational database that shadows the mainframe Countywide Warrant System (CWS) mainframe IMS database. The database contains the entire L.A. County's 1.4 million active warrants and will be updated twice a day.	In-house development	< 100	Department	2011	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
Sheriff	Replicated Automated Jail Information System (RAJIS)	Assist with managing inmate popualtion and custody decisions support systems. Applicaiton is used a host system or feeder system to other business critical applications.	In-house development	100 - 500	Department	1999	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
Sheriff	Reserve Forces Tracking System (RFTS)	Reserve Forces Tracking System is an intranet application which provides the Reserve Forces Bureau a tool to effectively manage and allocate the Reserve staffs to any specific events.	In-house development	< 100	Department	2001	< $50,000	<100,000 transactions	Medium	Accounting/Finance
Sheriff	Risk Management Tracking Database System	Enterprise level database system to record and track risk management data at the Sheriff Station level.	In-house development	< 100	Department	1998 2002	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Sheriff	Santa Clarita Chemical Monitoring Systems	MSA wireless Chlorine gas monitoring systems that send data/alarm signal via the same wireless infrastructure as the Fixed ALPR camera system. The data is received at a lap top computer located in the SCV Watch Commander's office or the dispatch center	COTS	< 100	Department	2009	$50,000 - $100,000	<100,000 transactions	High	Department Mission/Service Delivery
Sheriff	Santa Clarita Local Station/Courthouse/Fire Station 126 video surveillance system	This system consists of PTZ and fixed cameras which monitor SCV station, SCV DB, SCV Courthouse and Fire station 126. The cameras will be linked to the Sheriff's SDN can be monitored at the station dispatch center or at any terminal linked to the Sheriff's SDN.	COTS	< 100	Department	2008	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Sheriff	Scheduling Management System (SMS)	This system manages employee scheduling and publishes/produces daily in service sheets as well as a myriad of other functionality revolving scheduling of personnel.	In-house development	> 500	Department	2009 2011	< $50,000	<100,000 transactions	Medium	Office and Productivity Services/Management
Sheriff	Sexual Assault Kit Database	Database used to track the status of sexual assault kits.	In-house development	< 100	Department	2008	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
Sheriff	Sheriff's Broadcasting Studio	This system allows Sheriff's Headquarters Bureau (SHB) to record Sheriff un-scrubbed video content, save it to an outside hosting company cloud, recall the video to be scrubbed and then distribute this video via live feed and/or video on demand.	In-house development	< 100	Department	2013	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
Sheriff	Sheriff's Communications Center (SCC) video surveillance system	Currently 15 video surveillance cameras are installed at SCC on an instance of the DVTEL video surveillance platform. Also, an additional 10 cameras are installed at Sheriff's Headquarters Building (SHB) to cover perimiter and other areas inside of SHQ	COTS	< 100	Department	2011	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
Sheriff	Sheriff's Electronic Criminal Documents Archive (SECDA) System	Replace the proprietary electronic document management application known as VisiFlow (SIRRAS)by Exigen. During the early part of 2000, Records and Identification Bureau purchased an electronic document management system called VisiFlow by Exigen to replace the microfilming process of archiving crime reports and booking jacket packages. Approval from CEO was given on 04/04/2011 to move forward with hardware procurement.	Vendor custom development	100 - 500	Department	2012	< $50,000	<100,000 transactions	Medium	Office and Productivity Services/Management
Sheriff	Sheriff's Integrated Records Retrieval and Assembly System (SIRRAS) - Maintenance	The Sheriff's Integrated Records Retrieval and Assembly System (SIRRAS) automates the storage and retrieval of Incident / Crime Reports and Booking Jackets, and replaces the microfilm system used by the Sheriff's Departments Records and Identification Bureau up until 1999. Through the use of a commercial integrated document management system ("VisiFLOW"), the digitized documents are now being sent electronically into the SIRRAS system. SIRRAS is a multi-phased project. Phase I of the project was completed in fiscal year 2003-2004. Phase II was funded and started in March 2006. This phase consists of the conversion of the existing microfilm to digital images and loading those images into the SIRRAS system to allow greater access to them.	COTS	> 500	Department	2001	< $50,000		Medium	Accounting/Finance

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Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Sheriff	SkyTrac - Phase I (Patrol Aircraft)	Web based subscription that monitors and tracks LASD aircraft, pathways and provides telemetry information for each Patrol aircraft	Software as a Service/Cloud/ASP	< 100	Contractor Site	2011	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Sheriff	Special Enforcement Bureau (SEB) Video Surveillance System	Currently 12 video surveillance cameras are installed.	COTS	< 100	Department	2011	< $50,000	<100,000 transactions	Medium	Accounting/Finance
Sheriff	Station A	Station A is a self contained rapid response communications vehicle equipped with the latest communication technology. Enhance the current ability of providing mobile interoperable communications within Los Angeles County and the surrounding counties. Construct a self contained rapid response communications vehicle equipped with the latest communication technology	In-house development		Department	2012	$50,000 - $100,000	<100,000 transactions	High	Department Mission/Service Delivery
Sheriff	Suspect/Vehicle Tracking System	Vehicle tracking devices and laptop computers with air cards.	COTS	< 100	Department	2010 2011	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
Sheriff	Sworn Online Application Processing (SOAP)	Sworn Online Application Processing is an internet application which allows the users to file the employment application online for the Deputy Sheriff Trainee, Post Trained, and Lateral Entry position.	COTS	100 - 500	Department	2000	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
Sheriff	Team Activation Tracking System (TATS)	This application tracks and documents the team call-out by the Special Enforcement Bureau.	In-house development	< 100	Department	2008	$350,000 - $700,000	> 1 million transactions	High	Department Mission/Service Delivery
Sheriff	Title 15 Dashboard System	This application tracks a graphical reporting of Title 15 compliance for line supervision as well as executives. The dashboards provide for drill down through functionality.	In-house development	< 100	Department	2009	> $1,000,000		High	Department Mission/Service Delivery
Sheriff	Tracking Automated Graffiti Reporting System (TAGRS)	Tracking Automated Graffiti Reporting System (TAGRS) - Los Angeles and Orange County Sheriff's Department. This system has the ability to track Graffiti events, capture pictures, identify tagging individuals/groups and assess restitution ($$$) to clean up Graffiti.	COTS highly customized	100 - 500	Department	2011	> $1,000,000		High	Department Mission/Service Delivery
Sheriff	Training Database System	Microsoft Access database system to record and track risk management data at the Sheriff Station level.	In-house development	< 100	Department	1996 2009	$350,000 - $700,000	> 1 million transactions	High	Department Mission/Service Delivery
Sheriff	Training Records System II (TRS2)	TRS II provides tracking for training within Los Angeles County Sheriff's Department. The Training Bureau inputs APIS roster and outside vendor training into employee training records that can query.	In-house development	100 - 500	Department	2009	$100,000 - $350,000	<100,000 transactions	High	Department Mission/Service Delivery
Sheriff	Transfer Preference Tracking (TPT)	This application maintains and tracks the top 3 work locations preferred by an employee (Deputy). It is referenced as space becomes available and mass movements (breakups) are done.	In-house development	100 - 500	Department	1992 2009	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
Sheriff	Transportation Management Application System (TMAS)	An application to track transportation bus loads and scheduling. Also, tracks inmate types and inmate classifications, including special handles. This is a legacy mainframe application.	In-house development	100 - 500	Department	1998	< $50,000	<100,000 transactions	Medium	Performance Measurement/Reporting/QA/ Data Warehouse-Mining
Sheriff	Trial Court Funding System (TCFS) System - Paradox	Corel Paradox database that tracks Deputies hours and compliance to court contract requirements.	In-house development	< 100	Department	2002 2011	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management
Sheriff	Unified Communications / Unity Messaging System	Links VOIP voicemail and Departemnt e-mail systems to permit VOIP users to receive voice messages as e-mail.	COTS	> 500	Department	2005	< $50,000	<100,000 transactions	Medium	Office and Productivity Services/Management
Sheriff	Vesta Pallas 911 System	Emergency Public Answering Point. Receive and handle emergency 911 hard-line telephone and cell phone calls from the public.	COTS	100 - 500	ISD/Downey	1979 1998	< $50,000	<100,000 transactions	Medium	Accounting/Finance
Sheriff	VoicePrint Logging Recorder	Instant Playback System records radio system voice channels, SCC Radio Room telephone lines, Hot Lines, Cold Lines and operator consoles.	COTS	100 - 500	Department	2000 2013	< $50,000		High	Technology Services/Management
Sheriff	Watch Commander Log 914N System (Module of Station Admininstration Portal)	Watch Commander Log notifications, Chief's Memo streamlining, E-mail reference/notifications, and station profile rules.	In-house development	100 - 500	Department	2013	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management

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Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Sheriff	Weapons Qualification System II (WQS2)	WQS II tracks employee shooting results within the Los Angeles County Sheriff's Department. It provides a method to determine those employees who are eligible for monthly incentive pay.	In-house development	< 100	Department	2004	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Treasurer and Tax Collector	Animal Care & Control Payment Update System	To generate the Renewal Bills and process payments received for pet licenses for the Department of Animal Care and Control.	In-house development	< 100	Department	2006	< $50,000	> 1 million transactions	Medium	Department Mission/Service Delivery
Treasurer and Tax Collector	Auction Book Online Sale System (ABOSS)	An E-Commerce application allowing taxpayers to purchase Auction Books (a list of tax defaulted properties to be offered for sale) online by using a credit card.	Vendor custom development	100 - 500	Contractor Site	2007	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Treasurer and Tax Collector	Auction Sales	Tracks items to be sold during the Property Auctions. Produces Departmental Receipts and calculates the Payoff amounts.	In-house development	< 100	Department	2000	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Treasurer and Tax Collector	Audit Log	Logs all special adjustment requests (cancel, refunds etc.) to Auditor Controller and 10-day erroneous refund letters, creates reports by category and time frames.	In-house development	< 100	Department	1999	< $50,000	<100,000 transactions	Medium	Accounting/Finance
Treasurer and Tax Collector	Automated Cashiering System (ACS) - CORE	This system processes checks and stubs received by the department at the cashier windows and subsequently transmits to the appropriate accounts receivable systems.	COTS	< 100	Department	2003 2014	$50,000 - $100,000	100,000 to 1 million transactions	High	Accounting/Finance
Treasurer and Tax Collector	Automated Clearing House (ACH)	Receives and processes bank financial data, currently from Bank of America, Union Bank	In-house development	< 100	Department	2003	< $50,000	100,000 to 1 million transactions	High	Accounting/Finance
Treasurer and Tax Collector	Automated Refund System	Tracks and generates requests for refunds for Treasurer and Tax Collector payments received. This application creates files that go to Fidelity Information Systems (FIS), the eCommerce vendor, for processing eCheck and credit/debit card refunds, and files to eCAPS for paper check refunds.	In-house development	< 100	ISD/Downey	1994 2013	$50,000 - $100,000	<100,000 transactions	High	Department Mission/Service Delivery
Treasurer and Tax Collector	Bank Reconciliation	Reconciles TTC accounts to bank accounts.	In-house development	< 100	Department	2001	< $50,000	<100,000 transactions	High	Accounting/Finance
Treasurer and Tax Collector	Bankruptcy Tracking System	This system maintains the accounts that are under the jurisdiction of the bankruptcy courts.	In-house development	< 100	Department	2000	< $50,000	<100,000 transactions	Medium	Accounting/Finance
Treasurer and Tax Collector	Business License System (BLS)	Maintains business license information for unincorporated areas. the users are able to process new accounts, review and update accounts, issue the bills, generates the notices of violation.	In-house development	100 - 500	Department	2000 2008	< $50,000	<100,000 transactions	High	Department Mission/Service Delivery
Treasurer and Tax Collector	Business License Online Inquiry	Provides inquiry access to the public regarding Business License status.	In-house development	> 500	ISD/Downey	2008	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Treasurer and Tax Collector	Client and Asset Management System (CAMS)	This system provides client tracking and case management functions for the Public Administrator (PA), Public Guardian (PG), County Counsel, Coroner and the County Morgue. It also serves as a workflow management system for PA/PG.	Vendor custom development	100 - 500	ISD/Downey	2011 2013	$350,000 - $700,000	<100,000 transactions	High	Department Mission/Service Delivery
Treasurer and Tax Collector	Collection - CARS	Automated online delinquent debt collection system that manages the collection of the monetary obligations for various county departments.	COTS highly customized	100 - 500	ISD/Downey	1995 2011	$50,000 - $100,000	<100,000 transactions	High	Accounting/Finance
Treasurer and Tax Collector	Collections - Probation CARS	Automated online collection system that controls monetary obligations of fines and restitution to the probation department	COTS highly customized	100 - 500	ISD/Downey	1995 2011	$50,000 - $100,000	<100,000 transactions	High	Accounting/Finance
Treasurer and Tax Collector	Cost Control Mechanical	Maintains an inventory of ISD service calls for various mechanical craft service calls such as electrical or plumbing. Cost related to the service are also recorded.	In-house development	< 100	Department	1999	< $50,000	<100,000 transactions	Low	Procurement/Supply Chain Services/Management
Treasurer and Tax Collector	Department Contracts	Maintains an inventory of office/business marchine contracts with various maintenance vendors. the system is used to track service calls and money spent on the contracts.	In-house development	< 100	Department	1999	< $50,000	<100,000 transactions	Low	Department Mission/Service Delivery
Treasurer and Tax Collector	EDS Credit Card Telephone System	Receives and posts property tax credit card payments submitted via the Interactive Voice Response (IVR) telephone payment system provided by EDS.	In-house development	< 100	Department	1997	< $50,000	<100,000 transactions	Medium	Accounting/Finance
Treasurer and Tax Collector	Electronic Fund Transfer System	Processes electronic funds transfer payments for secured property taxes. It also creates payment transactions that post to the Secured Tax Roll (STR) system.	In-house development	100 - 500	ISD/Downey	2004 2013	< $50,000	<100,000 transactions	High	Accounting/Finance
Treasurer and Tax Collector	Employee Master Tracking System	Tracks TTC employee information for human resources staff, including time records, mileage claims, downtown parking permits, and departmental telephone rosters.	In-house development	< 100	Department	1999	< $50,000	<100,000 transactions	Medium	Human Resource Services/Management

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Treasurer and Tax Collector	eCommerce Payment and Refund Management System (ePARMS)	Tracks all TTC eCommerce credit card and electronic check (eCheck) payment information to be used for inquiry, research and initiation of refunds. User access includes TTC staff, as well as Probation staff for their eCommerce CARS payments.	In-house development	< 100	Department	2008	< $50,000	> 1 million transactions	High	Accounting/Finance
Treasurer and Tax Collector	Fixed Assets System II (FASII)	Maintains an inventory of fixed assets for the department. ongoing status reports for tracking cost for budget purposes and for auditor controller.	In-house development	< 100	Department	1999	< $50,000	<100,000 transactions	Low	Accounting/Finance
Treasurer and Tax Collector	Four Pay Payment Plan Tracking System	Maintains the account balance of taxpayers who elect to pay their escape assessments (unprocessed assessments from a prior year being billed in the current year) in an installment plan.	In-house development	< 100	Department	2000	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Treasurer and Tax Collector	Franchise Tax Board (FTB) Intercept	Creates delinquent letters for taxpayers with delinquent unsecured property taxes. It also creates a delinquent file to send to the State of California Franchise Tax Board for tax intercept processing.	In-house development	< 100	Department	2002	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Treasurer and Tax Collector	Help Desk Trouble Ticket System	Keeps track of network and technical support calls to the ttc help desk.	In-house development	< 100	Department	2004 2013	< $50,000	<100,000 transactions	Low	Technology Services/Management
Treasurer and Tax Collector	Hirsh Cashiering Security System	Provides security access to cashiering area and vaults.	COTS	< 100	Department	2006 2014	$50,000 - $100,000	<100,000 transactions	Low	Department Mission/Service Delivery
Treasurer and Tax Collector	Hold Out Payment Tracking System	Keeps track of unworked exceptions by report number for effective internal workload processing for both secured and unsecured taxes.	In-house development	< 100	Department	2000	< $50,000	<100,000 transactions	Medium	Accounting/Finance
Treasurer and Tax Collector	Housing and Urban Development (HUD) Tax Payments	This system receives property tax payments from HUD through Bank of America in an ACH format, reformats into our standard payment format for mainframe processing.	In-house development	< 100	Department	2001	< $50,000	<100,000 transactions	High	Accounting/Finance
Treasurer and Tax Collector	Inventory Control System	Maintains an inventory of various items stocked in the department supply. including stock on hand, high/low inventory levels, cost and vendor purchase order history.	In-house development	< 100	Department	1998	< $50,000	<100,000 transactions	Low	Procurement/Supply Chain Services/Management
Treasurer and Tax Collector	Lost Check System	Tracks Lost Check information for secured property tax payments.	In-house development	< 100	Department	2000	< $50,000	<100,000 transactions	Low	Accounting/Finance
Treasurer and Tax Collector	Mediasolv Camera System	Provides camera recordings for the Cashiering area and vaults	COTS	< 100	Department	2012	< $50,000	100,000 to 1 million transactions	Low	Department Mission/Service Delivery
Treasurer and Tax Collector	Missing Items Suspense Account	Tracks missing items suspense account for secured property tax payments.	In-house development	< 100	Department	2000	< $50,000	<100,000 transactions	Medium	Accounting/Finance
Treasurer and Tax Collector	Online Request for Business License Application	This application provides the capability for business owners to submit an online appointment request for a Business License application. The request is received by TTC staff, and preliminary information reviewed prior to the appointment, streamlining the complex application approval process. Business owners can also view the status of their application and what agency approvals are still pending.	In-house development	> 500	ISD/Downey	2011	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Treasurer and Tax Collector	Optima Image Archive and Workflow System	This application allows for the scanning, and retrieval of documents such as checks, stubs, and correspondence. This system also provides a workflow process that allows the department to process correspondence electronically.	COTS highly customized	100 - 500	Department	2003 2014	$50,000 - $100,000	> 1 million transactions	Medium	Department Mission/Service Delivery
Treasurer and Tax Collector	Public Health Reinspection Fee	Tracks data from public health reinspection fee referrals from department of public health. the system generates billing notices and posts payments received.	In-house development	< 100	Department	2001	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Treasurer and Tax Collector	Public Health System	This system is used to issue and collect fees for public health and to enforce licence requirements as required under public health licensing ordinances	In-house development	< 100	Department	2010	< $50,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Treasurer and Tax Collector	Release of Liens Tracking System	Maintains lien information and prints a release of lien form for public health and unsecured taxes.	In-house development	< 100	Department	2002	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Treasurer and Tax Collector	Remittance Processing System - WAUSAU (RPS)	This system processes the checks and stubs received by the department for depositing to the banks and provides output files that are transmitted to the appropriate accounts receivable systems.	COTS	< 100	Department	2000 2014	$100,000 - $350,000	> 1 million transactions	High	Accounting/Finance
Treasurer and Tax Collector	Resource IQ Bank Fund Tracking System	Tracks collections of funds and provides analysis of Bank financial data	Vendor custom development	< 100	Department	2002 2014	< $50,000	> 1 million transactions	High	Accounting/Finance

Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Treasurer and Tax Collector	Secured Current Tax Roll (STR)	ONLINE SYSTEM THAT ALLOWS USERS TO VIEW AND UPDATE PERTINENT PAYMENT DATA RELATED TO A PARTICULAR ASSESSOR'S ID NUMBER FOR CURRENT SECURED PROPERTY TAXES.	In-house development	100 - 500	ISD/Downey	1986 2013	$350,000 - $700,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Treasurer and Tax Collector	Secured Defaulted Tax Roll (SDTR)	THIS SYSTEM MANAGES THE DELINQUENT SECURED TAX PROPERTIES. BILLS ARE GENERATED, PAYMENTS ARE POSTED. NON-COMMERCIAL PARCELS ARE AUCTIONED IF NOT REDEEEMED WITHIN 5 YEARS AND COMMERCIAL PARCELS ARE AUCTIONED IF NOT REDEEMED WITHIN 3 YEARS.	In-house development	100 - 500	ISD/Downey	1997 2013	$100,000 - $350,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Treasurer and Tax Collector	Sweep Accounting System, Departmental	KEEPS TRACK OF ALL DEPOSIT PERMITS FOR DISCOVER CARD AND SWEEP ACCOUNTS. GENERATES DAILY AND MONTHLY DEPOSITS AND CLEARED REPORTS FOR VARIOUS COUNTY DEPARTMENTS.	In-house development	< 100	Department	2003	< $50,000	100,000 to 1 million transactions	High	Accounting/Finance
Treasurer and Tax Collector	Tape-to-Tape Processing System (TO STR)	THIS SYSTEM ALLOWS THE PROCESSING OF PAYMENT TRANSACTIONS SUBMITTED BY OUTSIDE AGENCIES FOR POSTING OF PROPERTY TAX PAYMENTS.	In-house development	< 100	ISD/Downey	1986 2013	< $50,000	100,000 to 1 million transactions	High	Accounting/Finance
Treasurer and Tax Collector	Telebatch System	Transmits payments received through the Remittance Processing System (RPS Wausau) and the Automated Cashiering System (CORE) to various applications for payment posting.	In-house development	< 100	Department	2003 2008	< $50,000	> 1 million transactions	High	Department Mission/Service Delivery
Treasurer and Tax Collector	Teleservices Communication Equipment and Services	Tracks office data lines and communication equipment/services for TTC	In-house development	< 100	Department	2000	< $50,000	<100,000 transactions	Low	Procurement/Supply Chain Services/Management
Treasurer and Tax Collector	Tenant Unclaimed Property System	Tracks tenant unclaimed property	In-house development	< 100	Department	1987	< $50,000		Low	Department Mission/Service Delivery
Treasurer and Tax Collector	Third Party Notification System	Provides online capability to enroll for third party notification for Secured Property Taxes.	In-house development	> 500	ISD/Downey	2003	< $50,000	<100,000 transactions	Low	Department Mission/Service Delivery
Treasurer and Tax Collector	Transient Occupancy Tax (TOT)	Tracks motel names, addresses, rental data for collection of Occupancy tax.	In-house development	< 100	Department	2000	< $50,000	<100,000 transactions	Low	Department Mission/Service Delivery
Treasurer and Tax Collector	TTC eCommerce Online Payment System - TeCOPS	An online eCheck and credit/debit card payment option on the web, for Current Year and Delinquent Property Tax and for Non-Tax TTC applications, such as Business License Renewals and Delinquent Accounts Collections.	COTS highly customized	> 500	ISD/Downey	2009 2013	< $50,000	> 1 million transactions	Medium	Accounting/Finance
Treasurer and Tax Collector	TTC eHR Report System	This system downloads the extract files from eHr servers and creates an eHr database in the TTC servers. Several reports are generated off the eHr database for use by Personnel department.	In-house development	< 100	Department	2012	< $50,000	100,000 to 1 million transactions	Medium	Human Resource Services/Management
Treasurer and Tax Collector	Unapplied Payment System (UPS)	Maintains a trust account for money that cannot be directly applied for a variety of reasons. Provides capability for specified TTC users to enter transactions that disburse money and create transaction files to post payments to various external TTC systems, once research has been completed and corrective action identified.	In-house development	100 - 500	Department	2000 2011	< $50,000	100,000 to 1 million transactions	High	Accounting/Finance
Treasurer and Tax Collector	Unsecured Current Suppression	Maintenance of Unsecured Current Bill Numbers and creation of a suppression file	In-house development	< 100	Department	2005	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Treasurer and Tax Collector	Unsecured Exception Database	Maintains all Unsecured Property Tax current year exceptions generated on the mainframe, for TTC users to research and correct for payment posting.	In-house development	< 100	Department	2010	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Treasurer and Tax Collector	Unsecured Prior Tax Roll (UPR)	Maintains unsecured delinquent accounts, applies payments and tracks exceptions.	In-house development	100 - 500	Department	2002 2008	< $50,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery
Treasurer and Tax Collector	Unsecured Prior Year DMV Referral System	To accommodate the processing of the Unsecured Prior Year referrals and releases of DMV Boat holds.	In-house development	< 100	Department	2009	< $50,000	100,000 to 1 million transactions	Medium	Department Mission/Service Delivery
Treasurer and Tax Collector	Unsecured Property Telephone Tracking System	Tracks telephone calls received from the public regarding Unsecured property taxes.	COTS	< 100	Department	2002 2010	$50,000 - $100,000	100,000 to 1 million transactions	Medium	Department Mission/Service Delivery
Treasurer and Tax Collector	Unsecured Tax Roll (UTR)	ONLINE SYSTEM THAT DISPLAYS MONIES OWED AND PAID INCLUDING PARTIALLY PAID ITEMS FOR CURRENT YEAR UNSECURED PROPERTY.	In-house development	100 - 500	ISD/Downey	1993 2013	$50,000 - $100,000	100,000 to 1 million transactions	High	Department Mission/Service Delivery

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Dept	Application Name	Description	Application Type	User Base	Host Site	Year Implemented/ Refreshed	Ann. Cost	Ann. Tran. Vol.	Criticallity	Business Purpose
Treasurer and Tax Collector	Utility Tax Tracking System (UUT)	The Utility User Tax (UUT) system is used to maintain information on Utility User Tax collected by the Treasurer and Tax Collector (TTC) from different Utility service providers within the unincorporated areas of Los Angeles County.	In-house development	< 100	Department	2010	< $50,000	<100,000 transactions	Medium	Department Mission/Service Delivery
Treasurer and Tax Collector	Weights and Measures Billing System	CREATES ANNUAL AND DELINQUENT WEIGHTS AND MEASURE BILLS FOR COLLECTION PURPOSES ON BEHALF OF THE AGRICULTURAL COMMISSIONER.	In-house development	< 100	Department	2000	< $50,000	100,000 to 1 million transactions	Low	Department Mission/Service Delivery
Treasurer and Tax Collector	What Are My Taxes - Unsecured Current Taxes	Provides online inquiry access from the TTC website to the public regarding current year personal (unsecured) property taxes due and paid.	In-house development	> 500	ISD/Downey	2003 2009	$50,000 - $100,000	<100,000 transactions	Medium	Department Mission/Service Delivery

Attachment B - Administrative Systems

Dept	Application Name	Description	App. Type	User Base	Host Site	Yr. Imp.	Ann. Cost	Ann. Tran. Vol.	Bus. Purpose
B&H	Approval System to Replace Navision	Our legacy Navision system used to be the financial system for our department. However, all functions except for purchasing of non-warehouse items have been moved to other, more current software platforms. Since Navision can only be run on Windows 7 via the Windows XP compatabliity mode, there is an urgent need to replace this purchasing function. DBH IT is working with the CIO's office to define a solution within ECAPS or to develop an independent application.	Vendor custom development	100 - 500	ISD/Downey	2000	< $50,000	<100,000 transactions	Accounting/Finance
B&H	Boat Slip Rental Payments	Allows boaters who rent a slip from us to pay their monthly fees online using a credit card.	Vendor custom development	< 100	ISD/Downey	2010	< $50,000	<100,000 transactions	Accounting/Finance
B&H	Check In and Out System	All employees with computer access must check in at the beginning of their work day and check out at the end. This provides verification for the hours listed on the official timecard.	In-house development	100 - 500	ISD/Downey	2000	< $50,000	<100,000 transactions	Human Resource Services/Management
B&H	Daily Cash	This application tracks daily cash payments received. In December of 2013 this application was retired and replaced by REportfolio. The application exists for historic tracking of accounts receivable only.	In-house development	< 100	ISD/Downey	2009	< $50,000	<100,000 transactions	Accounting/Finance
B&H	Employee Training Database	This application contains most of the training class records of DBH employees from the past. Current records of departmental training are kept in SABA for all staff. DBH staff continues to work on adding all of the historical records into the SABA/The Learning Net system. Once the data has been verified, the old application will be retired.	In-house development	100 - 500	ISD/Downey	2001	< $50,000	<100,000 transactions	Human Resource Services/Management
B&H	Financial Information System	This system provides secure access via a local webpage to the Department's Financial records which are located in shared folders.	In-house development	< 100	ISD/Downey	2011	< $50,000	<100,000 transactions	Accounting/Finance
B&H	Fuel Monitoring and Tracking	Beaches and Harbors has selected ISD Fleet Services for the installation and maintenance of a fuel monitoring system. By mid-February 2014, all fuel stations are scheduled to be operational under this system. All appropriate DBH staff will be trained to ensure proper inter-departmental billing. This automated system will only allow authorized County staff to dispense fuel. Automated reports will help our Fiscal and Audit sections review all fuel usage and to monitor against fraud.	In-house development	< 100	ISD/Downey	2009	< $50,000	<100,000 transactions	Accounting/Finance
B&H	Human Resources Information System	This system provides secure access via a local webpage to the Department's Human Resources records which are located in shared folders. This system is already compliant with Windows 7.	In-house development	< 100	ISD/Downey	2011	< $50,000	<100,000 transactions	Human Resource Services/Management

Dept	Application Name	Description	App. Type	User Base	Host Site	Yr. Imp.	Ann. Cost	Ann. Tran. Vol.	Bus. Purpose
B&H	Item Control	This legacy application is used by management to track all employee positions within our Department. This application is used to supplement the information provided by the eHR system.	In-house development	< 100	ISD/Downey	2008	< $50,000	<100,000 transactions	Human Resource Services/Management
B&H	REPortfolio Software for Asset Management and Financial	The installation of REportfolio has been successfully completed. This software makes it easier for the property agents to monitor the many categories of income we receive for Marina del Rey and the beaches. The software is also being used by our Boating Section to manage the storage leases (Boat Slip, Dry Storage, Dinghy, and Bike). All of the Department's accounts receivable activities have now been consolidated onto this single system.	Vendor custom development	< 100	Contractor Site		$50,000 - $100,000	<100,000 transactions	Accounting/Finance
B&H	Visitor Guest Docks	Tracks payments for use of our transient boat docks located at Chace Park.	In-house development	< 100	ISD/Downey	2005	< $50,000	<100,000 transactions	Accounting/Finance
CDC	Employee Performance Management System (EPMS	Replace paper-based process for creating employee Performance Plans and annual evaluations with automated system that is integrated with the HRMS system and workflow to facilitate the flow of information entry and sharing from Supervisor to employee to HR.	In-house development	100 - 500	Department	2011			Human Resource Services/Management
CDC	HRMS	Human Resources, Base Benefits, Payroll and Time and Labor management system.	COTS highly customized		Department	1998			Human Resource Services/Management
CDC	Personnel Activity Reporting System (PARS)	Web-based system for entry and tracking details for staff time on tasks and for reporting back details to the line divisions for work accomplished. Integration with PeopleSoft system for journal entries to account for all IT staff time.	In-house development	< 100	Department				Human Resource Services/Management
DPW	Architectural Engineering Divisions' (AED) Contract Database	The comprehensive contract database enbles project managers to track and monitor the active list of contracts for professional services and building projects.	In-house development	< 100	Department	2011	< $50,000		Procurement/Supply Chain Services/Management
DPW	ASD SERVICE CONTRACTS	Enables Administrative Services Division to track their service contract projects, ensures completion of work on time, monitors employee progress and productivity, and provides management with information for the contracting services of ASD.	In-house development	100 - 500	Department	2007	< $50,000		Procurement/Supply Chain Services/Management
DPW	CASE MANAGEMENT TOOL	Tracks various types of employee performance cases, such as disciplinary actions, Title 7 and grievances.	COTS highly customized	< 100	Department	2005	< $50,000		Human Resource Services/Management
DPW	COMMUNICATION DEVICES INVENTORY	Tracks DPW radio devices and work orders to ISD to install, uninstall, and repair radios. Tracks cell phones, pagers, tablets, broadband cards etc, replacing the old RDS system. Data used for online mobile phone bills.	In-house development	< 100	Department	2012	< $50,000		Procurement/Supply Chain Services/Management

Dept	Application Name	Description	App. Type	User Base	Host Site	Yr. Imp.	Ann. Cost	Ann. Tran. Vol.	Bus. Purpose
DPW	Contract Opportunities	Provide businesses and contractors the ability to access contracting opportunities at Public Works for Building Projects, Infrastructure Construction Projects, Professional Services, and Sundry Services.	In-house development	100 - 500	Department	2000			Procurement/Supply Chain Services/Management
DPW	ELECTRONIC REQUEST FOR SERVICES (eRFS)	The eRFS enables employees to submit and track their technology requests electronically. An approval workflow was also implemented within each division to authorize the requested products or services before processing the service order.	In-house development	> 500	Department	2009	< $50,000		Procurement/Supply Chain Services/Management
DPW	FINANCIAL SYSTEMS INTERFACE (PWFINSYS)	Website interface for eCAPS that contains financial reports and general financial information.	In-house development	100 - 500	Department	2001	< $50,000		Accounting/Finance
DPW	JOB TRACK	Enables Intranet end-users to receive email alerts when job or lateral movement opportunities of interest open within the Department.	In-house development	> 500	Department	2008	< $50,000		Human Resource Services/Management
DPW	LEAVE REQUEST TRACKING SYSYEM	Provides employees with an automated method to request and manage leave and overtime.	In-house development	> 500	Department	2005	$50,000 - $100,000		Human Resource Services/Management
DPW	LOCK OUT BLOCK OUT	Provides machine operators with online access to instructions on lockout/blockout procedures for machines/controls of hazardous energy.	In-house development	100 - 500	Department	2002	< $50,000		Human Resource Services/Management
DPW	Mobile Bill Review	Automates the download and processing of cellular telephone bills. Provides employees with an online form to verify charges made and submit through an approval workflow process.	In-house development	> 500	Department	2009	< $50,000		Accounting/Finance
DPW	MY PROFILE	Provides employees with access to various information about themselves, including: employment information, personal information, salary and benefits etc.	In-house development	> 500	Department	2009	< $50,000		Human Resource Services/Management
DPW	PERSONNEL REQUEST TO FILL AND APPOINT FORM (eYELLOW)	The web-based Personnel Action Request system allows requests for transfers, new hires, promotions etc. to be prepared, submitted, routed and processed electronically.	In-house development	100 - 500	Department	2009	< $50,000		Human Resource Services/Management
DPW	POSITION STATUS REPORTS	Displays personnel, position, salary and bonus information.	In-house development	100 - 500	Department	1995	< $50,000		Human Resource Services/Management
DPW	PW PERSONNEL DATABASE	Provides authorized end-users access to view and/or maintain personnel information for the employees in their division or section.	In-house development	100 - 500	Department	2004	< $50,000		Human Resource Services/Management
DPW	RETURN TO WORK CONSOLIDATED DATABASE	Tracks employee injury/illnesses from industrial accidents involving worker's compensation claims and permanent/temporary work restrictions.	In-house development	< 100	Department	2003	< $50,000		Human Resource Services/Management

Dept	Application Name	Description	App. Type	User Base	Host Site	Yr. Imp.	Ann. Cost	Ann. Tran. Vol.	Bus. Purpose
DPW	RISK MANAGEMENT SYSTEM	Provides managers a Dashboard view of Corrective Action Plans (CAPs), and tools to proactively track the progress of specific plans to completion. In addtion, it provides the ability to map general liability (GL) claims and produces management reports that characterize the type and related costs of GL, Workers' Comp and Employment Practices claims in an effort to forecast future losses and prioritize loss control efforts.	In-house development	> 500	Department	2010	< $50,000		Human Resource Services/Management
DPW	SERVICE AWARDS PLANNING	Tracks employees due for Service Awards and facilitates the planning of Awards ceremonies (invitations, reminders etc.)	In-house development	< 100	Department	2013	< $50,000		Human Resource Services/Management
DPW	STUDENT WORKER VERIFICATION	Tracks compliance with LA County policy regarding student worker's enrollment status and GPA	In-house development	100 - 500	Department	2012	< $50,000		Human Resource Services/Management
LIB	iFAPA (Internal Financial and Procurement Application)	The iFAPA application replaces the Budget and Expenditure Reporting System which was retired in fiscal year 2009/10.	In-house development	< 100	ISD/Downey	2009	$50,000 - $100,000	<100,000 transactions	Accounting/Finance
LIB	PHOTO IDENTIFICATION SYSTEM	Centralized web-based photo identification system for creating and issuing employee identification cards at Library Headquarters and remote administrative facilities.	Vendor custom development	< 100	Department	2002	< $50,000		Human Resource Services/Management
PARKS	Accounting Reconciliation System	Tracks general and special funds, revenues, and expenditures. Particular funds are being separated into various accounts on this FoxPro based system, prior to running reports and then manually entering into eCAPS.	In-house development	< 100	Department	2000	< $50,000		Accounting/Finance
PARKS	Concessions Billing System	Creates Invoices and tracks concessionaire payments, and records agreements.	COTS	< 100	Department	2000	< $50,000	<100,000 transactions	Accounting/Finance
PARKS	Facilities Maintenance & Assets Management System (MAXIMO)	Maximo is an asset maintenance system that provides asset management, work management, materials management, and purchasing capabilities to help companies maximize productivity and extend the life of their revenue-generating assets. It allows the department to create strategies for maintenance, repairs, and operations related to both Enterprise Asset Management (EAM) and Information Technology Asset management (ITAM).	COTS highly customized	100 - 500	ISD/Downey	2009	$100,000 - $350,000	<100,000 transactions	Procurement/Supply Chain Services/Management
PARKS	Golf Rounds Reconciliation	Tracks golf course rounds of play reconciles with course lessee reports.	In-house development	< 100	Department	2002	< $50,000		Accounting/Finance
PARKS	ID Card Database	Department ID Card Application. Tracks employees photos and badge information.	COTS	< 100	Department	2004	< $50,000	<100,000 transactions	Human Resource Services/Management
PARKS	Trac	System is used by Human Resource Department to track applicants from the time they filed an application with the Department through evaluation and hiring.	COTS	< 100	Department	2000	< $50,000	<100,000 transactions	Human Resource Services/Management

Dept	Application Name	Description	App. Type	User Base	Host Site	Yr. Imp.	Ann. Cost	Ann. Tran. Vol.	Bus. Purpose
PARKS	CashPro	Online check deposit thru Bank of America.	Software as a Service/Cloud/ ASP	100 - 500	ISD/Downey	2013	< $50,000	<100,000 transactions	Accounting/Finance
Comm&SenServ	Contracts Management	Electronic Management of contracts between the CSS contracts, Contract Agencies and County Counsel.	COTS	100 - 500	Department	2010	$50,000 - $100,000	<100,000 transactions	Procurement/Supply Chain Services/Management
Comm&SenServ	Cost Allocation	Automate the allocation SS and SEB to program units and cost pools for claiming and management. The	In-house development	< 100	Department	2008	< $50,000	<100,000 transactions	Accounting/Finance
DCFS	DCFS Roster System	Provides on-line roster availability for Regions, Adoptions, and ITS. Web-enabled by end of 2004.	In-house development	> 500	ISD/Downey	2004	< $50,000		Human Resource Services/Management
DCFS	HR Class/Comp Tracking System (HRCC) - Phase I (APEX)	PHASE I - The HR Class/Compensation (HRCC) Tracking System is created to automate the tracking of Employee's Bonus Requests. The tracking system is an APEX application that will enable the HRCC to track the activities and processing of the special bonuses requested by employees and/or managers. Some of these bonuses HRCC will track are the Bilingual Bonus (BIL), Additional Responsibility Bonus (ARB), Verification of Experience (VOE), Out-of-Class Compensation (OCC) and other bonuses type.	In-house development	> 500	ISD/Downey	2010	< $50,000		Human Resource Services/Management
DCFS	HR Grievance Tracking System	The HR Grievance Tracking System is a tool for DCFS HR to monitor the submited employee grievance and the timelines required to respond to appropriately and create reports and alerts for HR and other DCFS Management.	In-house development	> 500	ISD/Downey	2013	< $50,000		Human Resource Services/Management
DCFS	HR Scheduler	To develop a system to schedule Personnel Staff for live scan and ID badge issuing tasks to relieve managers/supervisors of the manual process of creating the schedules. The system should provide the following: (1) The ability to manage staff scheduling easily according to HR scheduling requirements. (2) The ability to provide instant response to staff's Time off Requests (3) Automate staff rescheduling as changes are entered (RDO's, Time off Requests, new staff, etc...). (4) Automate email alerts to staff of schedule updates.	In-house development	< 100	ISD/Downey	2012	< $50,000		Human Resource Services/Management
DCFS	ITEM CONTROL TRACKING SYSTEM	A Human Resource application that is used to assist management staff with job items and classification control.	In-house development	100 - 500	ISD/Downey	2003	< $50,000		Human Resource Services/Management
DCFS	MILEAGE WEB	Allows input of information regarding automobile travel and parking. Produces mileage and parking claims.	In-house development	> 500	ISD/Downey	2005			Human Resource Services/Management

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Dept	Application Name	Description	App. Type	User Base	Host Site	Yr. Imp.	Ann. Cost	Ann. Tran. Vol.	Bus. Purpose
DCFS	Photo ID Tracking System (APEX)	The Photo ID Tracking System is an APEX application developed for the DCFS HR Section to track the appointments and scheduling of employees requests for a new DCFS Photo ID badges. The applicaton will provide reports to the HR supervisors to determine staffing coverage, workload, as well as help them to identify HR Staff performance issues.	In-house development	> 500	ISD/Downey		< $50,000	<100,000 transactions	Human Resource Services/Management
DCFS	TIME STUDY CLAIMING SYSTEM	Allows input of timestudy information for selected departmental staff. Produces monthly/quaterly timestudy information for submission to State.	In-house development	> 500	ISD/Downey	2005	< $50,000		Accounting/Finance
DPSS	ASSET MANAGER	Asset Manager, tracks and controls all the department's fixed assets and controlled equipment.	Vendor custom development	100 - 500	ISD/Downey	2006			Procurement/Supply Chain Services/Management

DPSS	eForms	Human Resources (HR) eForms Library that will allow following:
		   Forms Administration to provide required forms to a target audience that will allow the audience to access forms as needed
		   Allow end users to instantiate eForms from the Library, e.g. Nepotism Policy Declaration or Employee Report on Outside Employment Activities forms
		   Route forms for review and approval based on a defined escalation process
		   Report on forms review/approval activities
		   Distribute mandatory information, and obtain read acknowledgements, and
		   Provide a report on read acknowledgements.
			In-house development	100 - 500	Department	2010	< $50,000	100,000 to 1 million transactions	Human Resource Services/Management

DPSS	EMPLOYEE DISCRIMINATION AND DISCIPLINARY ACTION TRACKING (EDATS)	A web-based application designed to automate HRD personnel grievance and disciplinary action manual tracking process. The system provides online capability as well as precise tracking functionality.	In-house development	< 100	Department	2006			Human Resource Services/Management
DPSS	EMPLOYEE HELP-LINE	An application used by Human Resources to enable employees to ask HR related questions on-line.	In-house development	> 500	ISD/Downey	2011			Human Resource Services/Management
DPSS	EMPLOYEE MASTER LIST	The Oracle based reporting platform.	In-house development	< 100	Department	2012			Human Resource Services/Management
DPSS	GENERAL ACCOUNTING EXPENDITURE FORM	This application will automate the process where Fiscal ops manually completes the CNTR/GAX form for operators to input to the eCAPS application.	In-house development	< 100	ISD/Downey	2007			Accounting/Finance
DPSS	HUMAN RESOURCE MANAGEMENT SYSTEM	The Human Resources Managements System/Item Control application that tracks the allocation/vacancies of items throughout DPSS.	In-house development	100 - 500	ISD/Downey	1998			Human Resource Services/Management
DPSS	INTERNAL AFFAIRS INVESTIGATION	HRD application to file and track investigations on employee allegations of fraud and/or wrongdoing, and generates report.	In-house development	< 100	Department	1999			Human Resource Services/Management
DPSS	INTERNAL CONTROL CERTIFICATION PROGRAM (ICCP)	An application that manages the audit compliance questionnaire, tracks audit results, and generates reports.	In-house development		ISD/Downey	2008			Human Resource Services/Management

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DPSS	INVOICE TRACKING DATABASE	Coordinate the development of the invoice tracking database for FOS with FMS. FMS will create a Discoverer Workbook using the daily WarrantPostBack.asc with the fields specified by FOS.	In-house development	100 - 500	ISD/Downey	2007			Accounting/Finance
DPSS	ON-LINE PERSONNEL MANUAL	A HRD web-based application that contains the DPSS Personnel Manual and allows employees quick and easy access to personnel policies and procedures.	In-house development	> 500	Department	1999			Human Resource Services/Management
DPSS	ORACLE GENERAL LEDGER	The application provides highly automated financial processing including journal entries and financial reporting.	In-house development	100 - 500	ISD/Downey	1998			Accounting/Finance
DPSS	OVERTIME ON-LINE APPLICATION	An application that automates the overtime request process for DPSS sections.	In-house development	> 500	ISD/Downey	2001			Human Resource Services/Management
DPSS	PAYROLL BY FUNCTION CODE	An application that captures detailed payroll records for each employee, using legacy systems like CWPAY and CWTAPPS, to distribute employee salaries by function code.	In-house development		Department	2003			Human Resource Services/Management
DPSS	PERFORMANCE EVALUATION CONTROL SYSTEM	A web based automated system designed to assist managers in the tracking and processing of performance evaluations for all Non-MAPP DPSS employees.	In-house development	100 - 500	Department	2003			Human Resource Services/Management
DPSS	POSITION BUDGET	An application that assists Financial Management Division in position budgeting and keeping track of positions on yearly basis.	In-house development	100 - 500	ISD/Downey	2001			Human Resource Services/Management
DPSS	PROGRAM BUDGET	An application that provides multiple reporting entities for state administrative budget concerns, potential revenue sources, and the cost allocation methodology.	In-house development	< 100	ISD/Downey	2001			Accounting/Finance
DPSS	PROGRAM TIME STUDY	A web-based application that captures ITD and LEADER employees' timesheet data. This application replaced the paper time study.	In-house development	100 - 500	ISD/Downey	2001			Human Resource Services/Management
DPSS	PUBLIC SECTOR BUDGETING	An application for closing prior year budgets and setting up current and estimate future year budgets. It also provides reporting for the Budget Analyst.	COTS	100 - 500	ISD/Downey	1999			Accounting/Finance
DPSS	RANDOM MOMENT TIME STUDY	An application that captures random moment time study data for claiming and tracking employees working on different programs.	In-house development	100 - 500	ISD/Downey	2001			Human Resource Services/Management
DPSS	RECEIPT ACCOUNTABILITY BOOK	Tracking receipt book	In-house development	< 100	Department	2001			Accounting/Finance
DPSS	REFUGEE INFORMATION SYSTEM (RIS)	The Refugee Information System assists REP refugees with employment and training programs through Service Providers.	In-house development	100 - 500	ISD/Downey	2001			Human Resource Services/Management
DPSS	STAFFING BALANCING	This application is used to move surplus line staff to needed DPSS districts.	In-house development	< 100	ISD/Downey	2002			Human Resource Services/Management
DPSS	STAFFING ON-LINE	An application that provides staffing allocation and encumbrances for all organizations and positions.	In-house development	100 - 500	ISD/Downey	2001			Human Resource Services/Management

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DPSS	TRAINEE ATTENDANCE	System helps in claiming Administrative Expenses for employees in training at the Academy	In-house development	100 - 500	ISD/Downey				Human Resource Services/Management
DPSS	TRANSFER MATCH	The program evaluates transfer requests for caseworkers and clerks based on total allocations, total encumbrances, bilingual allocations, bilingual encumbrances, and bilingual priority.	Vendor custom development	< 100	ISD/Downey	2001			Human Resource Services/Management
DHS	ANSOS	Nurse staffing and scheduling system	COTS highly customized	< 100	ISD/Downey	1994	$50,000 - $100,000		Human Resource Services/Management
DHS	ATP - ORSA APPLICATION	System for tracking ORSA patients. Includes the storage and retrieval of related financial information and contracts.	In-house development	< 100	Department	2003	< $50,000		Accounting/Finance
DHS	CACTUS / VisualCACTUS	Provider / Physician Credentialing and Management System	COTS	< 100	Department		< $50,000	<100,000 transactions	Human Resource Services/Management
DHS	Datacard - Employee ID Badge System	Produce employee ID Badge. Integrated with CBORD. To be replaced by new system in 2014	COTS	< 100	Department		< $50,000	<100,000 transactions	Human Resource Services/Management
DHS	EHS	Health screening documentation for employees and contractors.	In-house development	< 100	Department				Human Resource Services/Management
DHS	ELECTRONIC ENCOUNTER FORM SYSTEM	CUSTOM APPLICATION NEEDED TO CAPTURE 1115 - WAIVER ENCOUNTER INFORMATION.	In-house development	100 - 500	Department	2011	< $50,000		Accounting/Finance
DHS	Employee Health Screening (EHS)	Monitor/Track Employee Health Screening requirement in compliance with Federal/State/Local regulations. Application was developed by LACUSC and implemented at MLK MACC.	In-house development	< 100	Department		< $50,000	<100,000 transactions	Human Resource Services/Management
DHS	HMMS (HEALTH MATERIALS MANAGEMENT SYSTEM)	Tracks procurement,inventory,warehousing, distribution, accounting, and financial activities for Materials Management.	COTS highly customized	< 100	ISD/Downey	1983	< $50,000		Procurement/Supply Chain Services/Management
DHS	HMMS Materials Management Information System	Application used to input/track/pay DHS purchased equipment and supplies	Vendor custom development	< 100	ISD/Downey	1983			Procurement/Supply Chain Services/Management
DHS	LA Learning Net	Enable employees to access mandatory trainings online in compliance with federal/state/local regulations.	Vendor custom development	> 500	ISD/Downey	2005	< $50,000	<100,000 transactions	Human Resource Services/Management
DHS	Labor Cost Deviation (LCD)		In-house development	< 100	Department	2003	< $50,000	100,000 to 1 million transactions	Accounting/Finance
DHS	LCDAS	Labor Cost Distribution Replacement system. Houses the Oracle 10g Application Server that provides application web services.	Vendor custom development	< 100	Department	2003	< $50,000	> 1 million transactions	Accounting/Finance
DHS	LCDCVS	Labor Cost Destribution Replacement System. Houses the CVS (Concurrent Versions System) Server for source control on LCDRS development.	Vendor custom development	< 100	Department	2003	< $50,000	> 1 million transactions	Accounting/Finance
DHS	LCDDB	Labor Cost Distribution Replacement System: Houses the Oracle 9i production database.	Vendor custom development	< 100	Department	2003	< $50,000	> 1 million transactions	Accounting/Finance

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DHS	LCDDEV1	Labor Cost Distribution Replacement System: Houses the Oracle 9i development database, testing database and Oracle Warehouse Builder Respoitory.	Vendor custom development	< 100	Department	2003	< $50,000	> 1 million transactions	Accounting/Finance
DHS	LCDDEV2	Labor Cost Distribution Replacement system: Houses the Oracle 10g Application Server that provides application web services.	Vendor custom development	< 100	Department	2003	< $50,000	> 1 million transactions	Accounting/Finance
DHS	LCDGRID	Labor Cost Distribution Replacement System. Houses the Oracle 10g central Oracle Management Server monitoring repository, managing the other LCDRS nodes.	Vendor custom development	< 100	Department	2003	< $50,000	> 1 million transactions	Accounting/Finance
DHS	LCDMON	Labor Cost Distribution Replacement System: Houses the Oracle 9i central Oracle Management Server monitoring respoitory, managing the other LCDRS nodes.	Vendor custom development	< 100	Department	2003	< $50,000	> 1 million transactions	Accounting/Finance
DHS	LifeScan Fingerprint	LifeScan Fingerprint and Background Check System used in HR	Software as a Service/Cloud/ASP	< 100	Contractor Site	2005	< $50,000	<100,000 transactions	Human Resource Services/Management
DHS	MD Staff	The MD Staff application is used to manage staff credentials. System is hosted.	Software as a Service/Cloud/ASP	< 100	Contractor Site	2011	< $50,000		Human Resource Services/Management
DHS	Medi-Cal Redesign System (MCALRS)	MCALRS is an AS/400 computer batch processing application used to match patient utilization account and detail transactions to financial class identification, billing, and payment resources to meet the requirements of Medi-Cal Redesign legislation and general financial reporting needs of the Financial Services Branch of DHS	In-house development	< 100	Department	2002	< $50,000	100,000 to 1 million transactions	Accounting/Finance
DHS	Online Requisition (OLR)	DHS Wide Web-based Materials Management / Purchase Requisition System - MLK IT serves as liaison to local user access/functional issues and provides support to workstation and network specific issues.	Vendor custom development	> 500	ISD/Downey	2009	< $50,000	<100,000 transactions	Procurement/Supply Chain Services/Management
DHS	OTS - OVERTIME REPORTING SYSTEM	An automated system for tracking, approval of overtime usage within the facility.	In-house development	100 - 500	Department	2010	< $50,000		Accounting/Finance
DHS	PHARMACY - DRUG INVENTORY SYSTEM	System for tracking and establishing reorder point for Pharmacy drug inventories.	In-house development	< 100	Department	2008	< $50,000		Procurement/Supply Chain Services/Management
DHS	Pharmacy eRecovery	Recover the cost of medications used in the treatment of uninsured patients	Software as a Service/Cloud/ASP	< 100	Contractor Site	2007	< $50,000	<100,000 transactions	Procurement/Supply Chain Services/Management
DHS	QUANTIM EDM REVENUE MANAGEMENT	FINANCIAL RECORDS DOCUMENT MANAGEMENT SYSTEM.	COTS	100 - 500	Department	2012	$50,000 - $100,000		Accounting/Finance
DHS	Revenue 360 (Verilink)	Revenue 360 is used to verify Medicare/Medical HMO eligibility. Also used to verify valid postal mailing addresses as well as verifying some demographic information.	COTS	< 100	Department				Accounting/Finance

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DHS	TEMIS - AMBULANCE'S PATIENT CONDITION INFORMATION	When an ambulance calls in to LAC+USC ER, information is conveyed about the patient condition and information. ER Nurse inputs the information collected to a form. The form information is then input to TEMIS application and then transported to Lancet for patient care treatment.	COTS	< 100	Department	2006	< $50,000		Procurement/Supply Chain Services/Management
DHS	Wheelchair Tracking System	MS Access database to track wheelchair usage.	In-house development	< 100	Department				Procurement/Supply Chain Services/Management
DMH	DMH/DHS PREVENTION AND EARLY INTERVENTION COLLABORATION SECURE BILLING	This application will allow the Collaboration of Secure Billing through SharePoint program.	In-house development	< 100	Department	2010	< $50,000	<100,000 transactions	Accounting/Finance
DMH	INTEGRATED SYSTEM	DMH Claims Processing System. Generates, processes, transmits and receives HIPAA compliant transactions tracks selected clinical data.	Vendor custom development	> 500	ISD/Downey	2004	> $1,000,000	> 1 million transactions	Accounting/Finance
DMH	PROVIDER REIMBURSEMENT UNIT (PRU)	PRU tracks payments disbursed to contractors and performs reconciliation between payment reporting and eCAPS warrants.	In-house development	100 - 500	Department	2002	$50,000 - $100,000	<100,000 transactions	Accounting/Finance
DMH	TRAC	This application is used to track Civil Service examinations.	COTS	< 100	Department	2004	< $50,000		Human Resource Services/Management
DPH	CMS PROCUREMENT DB	The Procurement Database tracks department supplies and orders processed via Purchase Order.	In-house development	< 100	Department	2001	< $50,000		Procurement/Supply Chain Services/Management
DPH	TimeClock Plus	TimeClock Plus Web Edition is a full featured browser based time and labor management application that provides employee time and attendance tracking on the web. Interfaces with pin entry time clocks located throughout the laboratory.	COTS	100 - 500	Department	2002	< $50,000	<100,000 transactions	Human Resource Services/Management
A-C	ELECTRONIC COUNTYWIDE ACCOUNTING & PURCHASING SYST	Comprehensive Financial Package for the entire County. Prepares book-keeping, disbursement, revenue income, financial projection, budgeting and procurement functions.	COTS highly customized	> 500	ISD/Downey	2005	> $1,000,000	> 1 million transactions	Accounting/Finance
ASSR	Access Billing Database	Produces reports of expenditures associated with activities that take place in the IT Division. The reports are used to monitor monthly activities and budget projections.	In-house development	< 100	Department	2005	< $50,000	<100,000 transactions	Accounting/Finance
ASSR	PAYROLL SYSTEM	Tracks personnel's compensation, benefit time, etc.	In-house development	100 - 500	Department	2008	< $50,000	<100,000 transactions	Human Resource Services/Management
ASSR	PERSONNEL AUTOMATED SYSTEM	Tracks personnel's Promotion, Hiring Date, etc.	In-house development	< 100	Department	1989	< $50,000	<100,000 transactions	Human Resource Services/Management
BOS	Digital Photo System	This system is used to produce ID Badges from computer driven database. Badge information such as name, department and pictures are Printed on hard plastic cards.	COTS	< 100	Department	2003	< $50,000		Human Resource Services/Management
BOS	Exam Tracking	This system tracks the Personnel functions involved with posting lists and selecting eligible candidates.	Vendor custom development	< 100	Department	2000	< $50,000		Human Resource Services/Management

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BOS	Personnel Action Request Program	System for electronically creating and tracking Personnel action request.	COTS highly customized	< 100	Department	2009	< $50,000		Human Resource Services/Management
BOS	TEMPS - Fiscal	This system is used by the Executive Office to track temporary worker contracts.	Vendor custom development	< 100	Department	1996	< $50,000		Accounting/Finance
CEO	CEO Class Specification System	System maintains all county classification specifications. Web based and allows all county staff to review and propose changes to class specs as needed.	In-house development	100 - 500	ISD/Downey	2001	$100,000 - $350,000		Human Resource Services/Management
CEO	CEO Job Evaulation System (JES)	To fairly evaluate County compensation for various job classes.	In-house development	< 100	Department	2009	< $50,000		Human Resource Services/Management
CEO	CEO Pro-Track Procurement Tracking System	System maintains department information on requisitions, purchase orders, packing slips, payments, etc.	In-house development	< 100	Department	2008	< $50,000		Procurement/Supply Chain Services/Management
CEO	Compensation/Benefit Negotiation	Performs "what-if" scenarios to describe the financial impact by bargaining unit	In-house development	< 100	Department	2009			Human Resource Services/Management
CEO	ECAPS Budget Prep System	System is used to develop the county budget and for budget analysis.	In-house development	100 - 500	Department		< $50,000		Accounting/Finance
COCO	Capital/Non-Capital Asset System	This system was internally developed and to track both capital and non-capital assets.	In-house development		Department	2002	< $50,000		Procurement/Supply Chain Services/Management
COCO	ETS (Examination Tracking System)	Tracks exams and applicants for County Counsel's Human Resources Section.	In-house development	< 100	Department	2006	< $50,000		Human Resource Services/Management
COCO	ID System	Human Resources Employee Photo Identification system used for creating photo identification cards with signatures for staff.	In-house development	< 100	Department	2007	< $50,000		Human Resource Services/Management
COCO	Procurement Tracking Log	Tracks and monitors procurement purchases internally.	In-house development	< 100	Department	2010	< $50,000		Procurement/Supply Chain Services/Management
DHR	Absence Management System	AMS is an automated rules based system that will apply the most current Federal and State regulations, as well as County leave policies based on the employee's employment status and reason for leave.	COTS	100 - 500	Contractor Site	2012	$350,000 - $700,000		Human Resource Services/Management
DHR	Appeals Management System	Tracks appeals received and processed by DHR	In-house development	< 100	ISD/Downey	2004	< $50,000		Human Resource Services/Management
DHR	AutoAAP Affirmative Action Plan (BIDDLE)	Application to monitor hiring and promotion practices across county departments.	Vendor custom development	< 100	ISD/Downey	2008	< $50,000		Human Resource Services/Management
DHR	Automated LiveScan Scheduling System	This web based system is available to all County Departments enabling the online scheduling of County employees for fingerprinting.	In-house development	100 - 500	Department	2007	< $50,000		Human Resource Services/Management
DHR	Buck Advantage	Third party administrator of cafeteria and non-cafeteria benefit plans. Provides annual and ongoing benefits enrollment for active and temporary employees of Los Angeles County, via IVR or online.	Software as a Service/Cloud/ASP	> 500	Contractor Site	2004	> $1,000,000		Human Resource Services/Management
DHR	CETR/OED TRAC	TRAC is an applicant tracking system of interrelated programs designed to provide the automated foundation for the development and maintenance of a comprehensive selection management system.	Vendor custom development	< 100	ISD/Downey	1995	< $50,000		Human Resource Services/Management

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DHR	CSA Tracking System	CSA Tracking was designed to facilitate the ablility to track and monitor case files for the Civil Service Advocacy section	COTS	< 100	Department	2003	< $50,000		Human Resource Services/Management
DHR	Diversity Programs Training and Billing Database	Tracks and bills for diversity training and compliance monitoring activities.	In-house development	< 100	ISD/Downey	2006	< $50,000		Human Resource Services/Management
DHR	Hearing Officer Database - CSA	In direct response to an assessment performed by the Citizens Economy and Efficiency Commission, DHR in conjunction with the Executive Office of the Board implemented a Civil Service Commission Hearing Officer Database. The database is designed to track Hearing Officer Recommendations, thereby increasing visibility of Civil Service rulings.	In-house development	< 100	ISD/Downey	2012	< $50,000		Human Resource Services/Management
DHR	Online Test Preparation System	The system enables anyone applying for a skilled position within the County to take practice tests on line for the particular skill via the Internet.	Vendor custom development	> 500	ISD/Downey	2003	< $50,000		Human Resource Services/Management
DHR	Performance Management Tracking System	PMTS is a countywide enterprise application used to manage disciplinary matters. All departments are now required to utilize PMTS to manage discipline	In-house development	100 - 500	ISD/Downey	2012	$350,000 - $700,000		Human Resource Services/Management
DHR	SHL Computerized Testing Application	Online test for work styles assessment (WSA) designed to reduce the need for APs.	COTS	> 500	Contractor Site	2011	$350,000 - $700,000		Human Resource Services/Management
ISD	BASIS COGNOS	BASIS Cognos is the web-based BASIS Billing and Budget reporting facility utilizing the Cognos ad-hoc reporting tool and cube development.	In-house development	100 - 500	ISD/Downey	2007	$100,000 - $350,000	100,000 to 1 million transactions	Accounting/Finance
ISD	BILLING & ACCOUNTING SYSTEM - INTERNAL SERVICES	Budget and Accounting System - Billing

BASIS is the Budget and Accounting System for ISD. It provides for a means of capturing and reporting | In-house development | 100 - 500 | ISD/Downey | 1993 | $700,000 - $1,000,000 | 100,000 to 1 million transactions | Accounting/Finance |
| ISD | EMPLOYEE RECOGNITION PIN SYSTEM | Web-based application for tracking and inventorying ISD's Employee Recognition Pins program. The system gives individual ISD employees the ability to check their own PIN history.   It also provides instantaneous recognition of employees who achieve excellence in adhering to ISD's values and mission. The system is an important tool for raising employee morale by giving ISD's managers and outside entities the opportunity to recognize employee excellence. | In-house development | < 100 | ISD/Downey | 2006 | < $50,000 | <100,000 transactions | Human Resource Services/Management |
| ISD | EMPLOYEE SATISFACTION SURVEY SYSTEM | ISD performs web-based Employee Survey once a year.   It provides management with an overall view at employee's work satisfaction. | In-house development | < 100 | ISD/Downey | 2007 | < $50,000 | <100,000 transactions | Human Resource Services/Management |

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ISD	KOMAND UTILIZATION FEEDER & ERROR CORRECTION	The KOMAND Utilization Feeder and Error Correction System captures the various types of computer utilization units of measure (Central Process Units - CPU, TSO sessions, Disk I/O, etc.) and converts them to billable data. The system provides details based on the computer jobs from the various platforms used by our customers.	Vendor custom development	< 100	ISD/Downey	1993	$100,000 - $350,000	> 1 million transactions	Accounting/Finance
ISD	LABOR DISTRIBUTION SYSTEM		In-house development	< 100	ISD/Downey	1993	$100,000 - $350,000	100,000 to 1 million transactions	Accounting/Finance
ISD	UNIT BILLING SYSTEM	The Unit Billing System (UBS) records, tracks, analyzes, and bills external organizations for building services provided by ISD. Services include building maintenance, custodial services, and grounds maintenance.	In-house development	< 100	ISD/Downey	1983	< $50,000	100,000 to 1 million transactions	Accounting/Finance
ISD	WEBBASIS ONLINE	The WebBasis online reporting system provides web-enabled access to Finance Services monthly BASIS billing reports on the County intranet site. Reports are provided in PDF and Excel format.	In-house development	> 500	ISD/Downey	2001	< $50,000	<100,000 transactions	Accounting/Finance
RRCC	ELECTION EXPENDITURE (AKA ELECTION BILLING SYSTEM)	Ten-year-old system for the calculation of election costs for a specific jurisdiction (school district, water district, etc.) that integrates the Election Management System's district and voter count data with Job Cost data to determine the direct and prorated indirect costs of conducting an election for a specific district or group of districts.	In-house development	< 100	Department	2002	< $50,000	<100,000 transactions	Accounting/Finance
RRCC	ELECTION NIGHT EMPLOYEES	PROVIDES MAINTENANCE SYSTEM FOR RECRUITING AND PAYING PERSONNEL WORKING DURING MAJOR ELECTIONS	In-house development	< 100	Department	2003	< $50,000		Accounting/Finance
RRCC	FINANCE AND MANAGEMENT COST ACCOUNTING SYSTEM	System to generate business critial job costing information based on eCAPS data extracted and stored locally for reporting and updating purposes.	In-house development	< 100	Department	2011	< $50,000		Accounting/Finance
RRCC	JEDI - LIVESCAN APPLICATION TRACKING	APPLICATION TO TRACK STATUS OF LIVESCAN BACKGROUND CHECK REQUESTS AND RESULTS FOR PRE-EMPLOYMENT HIRING.	In-house development	< 100	Department	2009	< $50,000		Human Resource Services/Management
TTC	AUDIT LOG	Logs all special adjustment requests (cancel, refunds etc.) to Auditor Controller and 10-day erroneous refund letters, creates reports by category and time frames.	In-house development	< 100	Department	1999	< $50,000	<100,000 transactions	Accounting/Finance
TTC	AUTOMATED CASHIERING SYSTEM (ACS) - CORE	THIS SYSTEM PROCESSES CHECKS AND STUBS RECEIVED BY THE DEPARTMENT AT THE CASHIER WINDOWS AND SUBSEQUENTLY TRANSMITS TO THE APPROPRIATE ACCOUNTS RECEIVABLE SYSTEMS.	COTS	< 100	Department	2003	$50,000 - $100,000	100,000 to 1 million transactions	Accounting/Finance

Dept	Application Name	Description	App. Type	User Base	Host Site	Yr. Imp.	Ann. Cost	Ann. Tran. Vol.	Bus. Purpose
TTC	AUTOMATED CLEARING HOUSE AUTOMATION (ACH)	Receives and processes bank financial data, currently from Bank of America, Union Bank	In-house development	< 100	Department	2003	< $50,000	100,000 to 1 million transactions	Accounting/Finance
TTC	BANK RECONCILIATION	RECONCILES TTC ACCOUNTS TO BANK ACCOUNTS.	In-house development	< 100	Department	2001	< $50,000	<100,000 transactions	Accounting/Finance
TTC	BANKRUPTCY TRACKING SYSTEM	THIS SYSTEM MAINTAINS THE ACCOUNTS THAT ARE UNDER THE JURISDICTION OF THE BANKRUPTCY COURTS.	In-house development	< 100	Department	2000	< $50,000	<100,000 transactions	Accounting/Finance
TTC	COLLECTIONS - CARS	AUTOMATED ONLINE DELINQUENT DEBT COLLECTION SYSTEM THAT MANAGES THE COLLECTION OF THE MONETARY OBLIGATIONS FOR VARIOUS COUNTY DEPARTMENTS.	COTS highly customized	100 - 500	ISD/Downey	1995	$50,000 - $100,000	<100,000 transactions	Accounting/Finance
TTC	COLLECTIONS - PROBATION CARS	AUTOMATED ONLINE COLLECTION SYSTEM THAT CONTROLS MONETARY OBLIGATIONS OF FINES AND RESTITUTION TO THE PROBATION DEPARTMENT	COTS highly customized	100 - 500	ISD/Downey	1995	$50,000 - $100,000	<100,000 transactions	Accounting/Finance
TTC	COST CONTROL MECHANICAL	MAINTAINS AN INVENTORY OF ISD SERVICE CALLS FOR VARIOUS MECHANICAL CRAFT SERVICE CALLS SUCH AS ELECTRICAL OR PLUMBING. COST RELATED TO THE SERVICE ARE ALSO RECORDED	In-house development	< 100	Department	1999	< $50,000	<100,000 transactions	Procurement/Supply Chain Services/Management
TTC	EDS CREDIT CARD TELEPHONE PAYMENTS	Receives and posts property tax credit card payments submitted via the Interactive Voice Response (IVR) telephone payment system provided by EDS.	In-house development	< 100	Department	1997	< $50,000	<100,000 transactions	Accounting/Finance
TTC	ELECTRONIC FUND TRANSFER SYSTEM	Processes electronic funds transfer payments for secured property taxes. It also creates payment transactions that post to the Secured Tax Roll (STR) system.	In-house development	100 - 500	ISD/Downey	2004	< $50,000	<100,000 transactions	Accounting/Finance
TTC	EMPLOYEE MASTER TRACKING SYSTEM	TRACKS TTC EMPLOYEE INFORMATION FOR HUMAN RESOURCES STAFF, INCLUDING TIME RECORDS, MILEAGE CLAIMS, DOWNTOWN PARKING PERMITS, AND DEPARTMENTAL TELEPHONE ROSTERS.	In-house development	< 100	Department	1999	< $50,000	<100,000 transactions	Human Resource Services/Management
TTC	ePARMS (eCOMMERCE PAYMENT AND REFUND MGMT SYSTEM)	Tracks all TTC eCommerce credit card and electronic check (eCheck) payment information to be used for inquiry, research and initiation of refunds. User access includes TTC staff, as well as Probation staff for their eCommerce CARS payments.	In-house development	< 100	Department	2008	< $50,000	> 1 million transactions	Accounting/Finance
TTC	FIXED ASSETS	MAINTAINS AN INVENTORY OF FIXED ASSETS FOR THE DEPARTMENT. ONGOING STATUS REPORTS FOR TRACKING COST FOR BUDGET PURPOSES and FOR AUDITOR CONTROLLER.	In-house development	< 100	Department	1999	< $50,000	<100,000 transactions	Accounting/Finance
TTC	HOLD OUT PAYMENTS TRACKING SYSTEM	KEEPS TRACK OF UNWORKED EXCEPTIONS BY REPORT NUMBER FOR EFFECTIVE INTERNAL WORKLOAD PROCESSING FOR BOTH SECURED AND UNSECURED TAXES.	In-house development	< 100	Department	2000	< $50,000	<100,000 transactions	Accounting/Finance

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TTC	HOUSING AND URBAN DEVELOPMENT (HUD) TAX PAYMENTS	THIS SYSTEM RECEIVES PROPERTY TAX PAYMENTS FROM HUD THROUGH BANK OF AMERICA IN AN ACH FORMAT, REFORMATS INTO OUR STANDARD PAYMENT FORMAT FOR MAINFRAME PROCESSING.	In-house development	< 100	Department	2001	< $50,000	<100,000 transactions	Accounting/Finance
TTC	INVENTORY CONTROL SYSTEM	MAINTAINS AN INVENTORY OF VARIOUS ITEMS STOCKED IN THE DEPARTMENT SUPPLY. INCLUDING STOCK ON HAND, HIGH/LOW INVENTORY LEVELS, COST and VENDOR PURCHASE ORDER HISTORY.	In-house development	< 100	Department	1998	< $50,000	<100,000 transactions	Procurement/Supply Chain Services/Management
TTC	LOST CHECK SYSTEM	Tracks Lost Check information for secured property tax payments.	In-house development	< 100	Department	2000	< $50,000	<100,000 transactions	Accounting/Finance
TTC	MISSING ITEMS SUSPENSE ACCOUNT	Tracks missing items suspense account for secured property tax payments.	In-house development	< 100	Department	2000	< $50,000	<100,000 transactions	Accounting/Finance
TTC	REMITTANCE PROCESSING SYSTEM - WAUSAU (RPS)	THIS SYSTEM PROCESSES THE CHECKS and STUBS RECEIVED BY THE DEPARTMENT FOR DEPOSITING TO THE BANKS and PROVIDES OUTPUT FILES THAT ARE TRANSMITTED TO THE APPROPRIATE ACCOUNTS RECEIVABLE SYSTEMS.	COTS	< 100	Department	2000	$100,000 - $350,000	> 1 million transactions	Accounting/Finance
TTC	RESOURCE IQ BANK FUND TRACKING SYSTEM	Tracks collections of funds and provides analysis of Bank financial data	Vendor custom development	< 100	Department	2002	< $50,000	> 1 million transactions	Accounting/Finance
TTC	SWEEP ACCOUNTING SYSTEM, DEPARTMENTAL	KEEPS TRACK OF ALL DEPOSIT PERMITS FOR DISCOVER CARD AND SWEEP ACCOUNTS. GENERATES DAILY AND MONTHLY DEPOSITS AND CLEARED REPORTS FOR VARIOUS COUNTY DEPARTMENTS.	In-house development	< 100	Department	2003	< $50,000	100,000 to 1 million transactions	Accounting/Finance
TTC	TAPE-TO-TAPE PROCESSING SYSTEM (TO STR)	THIS SYSTEM ALLOWS THE PROCESSING OF PAYMENT TRANSACTIONS SUBMITTED BY OUTSIDE AGENCIES FOR POSTING OF PROPERTY TAX PAYMENTS.	In-house development	< 100	ISD/Downey	1986	< $50,000	100,000 to 1 million transactions	Accounting/Finance
TTC	TELESERVICES COMMUNICATION EQUIPMENT AND SERVICES	Tracks office data lines and communication equipment/services for TTC	In-house development	< 100	Department	2000	< $50,000	<100,000 transactions	Procurement/Supply Chain Services/Management
TTC	TTC eCOMMERCE ONLINE PAYMENT SYSTEM - TeCOPS	An online eCheck and credit/debit card payment option on the web, for Current Year and Delinquent Property Tax and for Non-Tax TTC applications, such as Business License Renewals and Delinquent Accounts Collections.	COTS highly customized	> 500	ISD/Downey	2009	< $50,000	> 1 million transactions	Accounting/Finance
TTC	TTC eHR REPORT SYSTEM	This system downloads the extract files from eHr servers and creates an eHr database in the TTC servers. Several reports are generated off the eHr database for use by Personnel department.	In-house development	< 100	Department	2012	< $50,000	100,000 to 1 million transactions	Human Resource Services/Management

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Dept	Application Name	Description	App. Type	User Base	Host Site	Yr. Imp.	Ann. Cost	Ann. Tran. Vol.	Bus. Purpose
TTC	UNAPPLIED PAYMENT SYSTEM (UPS)	MAINTAINS A TRUST ACCOUNT FOR MONEY THAT CANNOT BE DIRECTLY APPLIED FOR A VARIETY OF REASONS. PROVIDES CAPABILITY FOR SPECIFIED TTC USERS TO ENTER TRANSACTIONS THAT DISBURSE MONEY AND CREATE TRANSACTION FILES TO POST PAYMENTS TO VARIOUS EXTERNAL TTC SYSTEMS, ONCE RESEARCH HAS BEEN COMPLETED AND CORRECTIVE ACTION IDENTIFIED.	In-house development	100 - 500	Department	2000	< $50,000	100,000 to 1 million transactions	Accounting/Finance
ACWM	ACCOUNTS RECEIVABLE	Accounts receivable	In-house development	< 100	Department	1993	< $50,000		Accounting/Finance
ACWM	AGRICULTURAL PEST CONTROL ADVISOR	Fees paid for registration by individual Pest Control Advisors	In-house development	< 100	Department	2002	< $50,000		Accounting/Finance
ACWM	AGRICULTURAL PEST CONTROL OPERATORS	Fees paid for registration of individual pest control applicators.	In-house development	< 100	Department	2002	< $50,000		Accounting/Finance
ACWM	DRBOOKS	Departmental Receipts	In-house development	< 100	Department	1992	< $50,000		Accounting/Finance
ACWM	Horizon Laboratory Informations Management System	LIMS is used by Toxicology laboratory to track samples, test samples, collect testing results and invoice for testing of samples.	COTS highly customized	< 100	ISD/Downey	2009	$50,000 - $100,000		Accounting/Finance
ACWM	INVOICES	Invoicing for services rendered	In-house development	< 100	Department	1992	< $50,000		Accounting/Finance
ACWM	LABOR HOURS DATABASE	Salary and Work hours calculations and Summaries	In-house development	< 100	Department	2004	< $50,000		Accounting/Finance
ACWM	LOCKBOX	Processing of payments received through Lock Box locations	In-house development	< 100	Department	1994	< $50,000		Accounting/Finance
ACWM	Pest Management Contracts & Billing	Used by Pest Management Division to print and maintain contracts, workorders, inventory and	In-house development	< 100	Department	2011	< $50,000		Accounting/Finance
DA	ASSET FORFEITURE/BAS	Tracks forfeiture cases and accounting	In-house development	< 100	Department		< $50,000	<100,000 transactions	Accounting/Finance
DA	CONSOLIDATED PERSONNEL SYSTEM	Personnel information system to provide department-specific reporting not covered through eHR	In-house development	100 - 500	Department	1997	< $50,000	<100,000 transactions	Human Resource Services/Management
DA	PERFORMANCE EVALUATION AND REVIEW SYSTEM FOR ATTORNEYS (PERSA)	This system allows raters to input attorney performance information and generate performance evaluations from the input data using office-specific rules.	In-house development	100 - 500	Department	2008	< $50,000	<100,000 transactions	Human Resource Services/Management
FIRE	Accident Tracking System (Risk Management)	accidents involved with department vehicles. It captures detail information of the accident such as personnel involved, vehicle involved, Date/time, injuries, locations, witness, and repair cost.	In-house development	< 100	Department	2000	< $50,000		Human Resource Services/Management

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FIRE	Achievement History Tracking System	This is a MS Access 2003 application that tracks all Certification, Special Trainings/Educations, Military Experiences earned by all sworn personnel. It also tracks the award and experation date of the certification.	In-house development	< 100	Department	2000	< $50,000		Human Resource Services/Management
FIRE	Alpha Roster and FD10	tracks confidential personnel records. Access rights is governed by Human Resources Personnel Officer and only authorized Fire personnel can view or print the information.\nFD10 is a module within the application that allows Human Resources personnel to track performance evaluation employee checklist and print reports dynamically by certifications, by titels to ensure all emergency contact information are up-to-date.	Vendor custom development	< 100	Department	2009	< $50,000		Human Resource Services/Management
FIRE	Construction & Material Application	The application stores data related to the request, assignment and resolution of request for services to Department maintained facilities.	In-house development	< 100	Department	2003	< $50,000		Procurement/Supply Chain Services/Management
FIRE	ELECTRONIC TIMEKEEPING (ETKS)	Tracks daily attendance, employee approval, supervisor approval and work assignments	Vendor custom development	> 500	Department	1993	< $50,000		Human Resource Services/Management
FIRE	Emergency Medical Technician Certification Tracking System	The system tracks all Fire Department safety personnel mandatory Emergency Medical Technician (EMT) certification, required instructor lead continuing education hours, and skills testing results.	In-house development	< 100	Department	2008	< $50,000	<100,000 transactions	Human Resource Services/Management
FIRE	Employee Quick Scan (EQS)	The system tracks the assignment and work location history for Operations staff. This information is needed when sworn staff are applying for higher positions and the current assignment/work location assist in the staffing process.	In-house development	< 100	Department	1998	< $50,000		Human Resource Services/Management
FIRE	EMPLOYEE RELATIONS	This data storage and retrieval system tracks incidents involving LACOFD employees, including performance management, advocate case, grievance, investigations and litigation.\nSome features are being migrated to the county wide Performance Management Tracking System.	In-house development	< 100	Department	1999	< $50,000		Human Resource Services/Management
FIRE	Fitness For Life Continue Education (FFL-CE) Online Testing Center	The is a web-based testing center that allows Fire personnel to take the Fitness For Life Continue Education Test at the station or at home. It tracks the Fire personnel's testing record and produce a report to allow authorized personnel to approve or denied Fitness Bonus based on the requirements met.	COTS highly customized	> 500	ISD/Downey	2006	< $50,000		Human Resource Services/Management

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FIRE	Fitness For Life Medical Tracking System	FFL Medical Tracking System tracks medical results of the Fire and Lifeguard personnel that receive Fitness For Life Bonus based on birth month. The system produce a report for Payroll personnel to conduct audit of appropration of bonus. When the department moves their public website, this application will also need to be migrated. This is scheduled for the first quarter of 2014.	In-house development	< 100	Department	2006	< $50,000		Human Resource Services/Management
FIRE	Immunization and Exposure Tracking System	The system tracks all Fire Department personnel immunization, vaccination, and exposure records. This information is needed to ensure the health safety of all personnel and the public served. The system generates forms for personnel to receive additional treatment at clinics and hospitals. The system reports expiration vaccination status of field personnel. It also reports employees that need to have hospital follow up treatments due to exposures.	In-house development	< 100	Department	2012	< $50,000		Human Resource Services/Management
FIRE	ITEM CONTROL	Tracks Departmental budgeted positions against actual filled positions. Produces custom reports that facilitate managements' decisions related to position allocation. Receives weekly data updates from the new County eHR system.	In-house development	< 100	Department	1993	< $50,000		Human Resource Services/Management
FIRE	Junior Lifeguard Administrative System	The web-based application allows parents to enroll their children (ages 9 to 17) for the Los Angeles County Fire Department Junior Lifeguard Program.	COTS highly customized	100 - 500	Department	2008	< $50,000		Human Resource Services/Management
FIRE	LIFEGUARD ADMIN SYSTEM	The system tracks all Lifeguard personnel data, assigned work location, certifications, work history, and Ocean Lifeguard Seniority. This information is used to manage the seven hundred employees in the Lifeguard Division. The system allows the recurrent Ocean Lifeguard Staff to register for mandatory annual recertification training.	COTS highly customized	> 500	Department	1997	< $50,000	<100,000 transactions	Human Resource Services/Management
FIRE	Outside Employment	The application tracks all LACoFD employees who has secondary job outside of Fire Department.	In-house development	< 100	Department	2000	< $50,000		Human Resource Services/Management
FIRE	PERFORMANCE EVALUATION DATABASE	The PE Web Database is a web-enabled application that collects basic Performance Evaluation data. It includes one data entry screen with preview and save options, and a search/reporting screen. The application was developed to facilitate the business process of the Department's Human Resource Division.	In-house development	< 100	Department	2003	< $50,000		Human Resource Services/Management
FIRE	PERSONNEL	Tracks Departmental employees' personal, pay and work location information as provided by the County eHR system. Receives a weekly data update from the County eHR system.	In-house development	< 100	Department	2003	< $50,000		Human Resource Services/Management

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FIRE	Professional Performance Section (PPS)	This system maintains performance mangement cases of related to LACoFD employees. Some features are being migrated to the county wide Performance Management Tracking System.	In-house development	< 100	Department	2009	< $50,000		Human Resource Services/Management
FIRE	Random Selection Application	The Random Selection Application (RSA) is a webbase application that computerizes the selection of Fire Fighter applicants for the Fire Fighter examination process. RSA randomly selects applications based on certain criteria that is input by the Personnel Officer	In-house development	< 100	Department	2009	$50,000 - $100,000		Human Resource Services/Management
LASD	Applicant Employment Tracking (TRAC)	TRAC is a commercial off-the-shelf (COTS) software used to manage Departmental exams and the relationships between applicants, exams and scores, and produces result notices for each candidate.	COTS	100 - 500	Department	1988	< $50,000	<100,000 transactions	Human Resource Services/Management
LASD	Automated Fleet/Fuel Information Management System (AFIMS) - AssetWorks Inc.	Authorizes sheriff's vehicles to receive fuel creates database of drivers and automotive equipment and creates reports. NOTE: This is an ISD hosted solution.	COTS	> 500	ISD/Downey	1997	< $50,000	<100,000 transactions	Procurement/Supply Chain Services/Management
LASD	Budget Information Management System (BIMS)	The application is used to create the official Salary and Employee Benefits budget. It references the prior year adopted budget and allows for the addition, deletion and transfer of positions.	In-house development	100 - 500	Department	1992	< $50,000	100,000 to 1 million transactions	Accounting/Finance
LASD	Certification Desk Management System (CDMS)	This application is a self-service recruitment tool that interfaces with the Department's exam system (TRAC) to give users the ability to create and manage their own referral lists.	COTS	100 - 500	Department	2001	< $50,000	<100,000 transactions	Human Resource Services/Management
LASD	Deputy Sample Test (DST)	Deputy Sample Test is an internet application which provides the potential candidates who applied for a position of Deputy Sheriff Trainee an opportunity to prepare and practice a written exam.	In-house development	< 100	Department	2001	< $50,000	<100,000 transactions	Human Resource Services/Management
LASD	Employee Information System (EIS)	Provides current and historical information describing LASD personnel and staffing compliments. Content areas include Personal, Assignment, Residence and Emergency Contact information.	COTS	100 - 500	Department	2000	< $50,000	100,000 to 1 million transactions	Human Resource Services/Management
LASD	Employee Performance Evaluation and Tracking System (EPETS)	EPETS tracks LASD performance evaluation data and provides reports, alerts and generates correspondence. The application is a sub-module to the Station/Bureau Administrative Portal System.	In-house development	100 - 500	Department	1999	< $50,000	100,000 to 1 million transactions	Human Resource Services/Management
LASD	Employee Reporting System (ERS)	Tracks the relationship between applicants and associated raters.	COTS	100 - 500	Department	2000	< $50,000	<100,000 transactions	Human Resource Services/Management

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LASD	Employee Supervisor Assignment System (ESAS)	This application tracks manager/supervisor assignment for all of Sheriff's Department employees. Supervisor information is uploaded weekly into the County's Learning Management	In-house development	100 - 500	Department	2007	< $50,000	<100,000 transactions	Human Resource Services/Management
LASD	Employee Support Services (ESS) Tracking System	ESS system is Compulink COTS Tracking/Scheduling system application which tracks employee and family members' therapy appointments as well as counseling session and topics information.	In-house development	< 100	Department	2004	< $50,000	<100,000 transactions	Human Resource Services/Management
LASD	Enterprise Asset Management System (EAMS) - MAXIMO	Uses IBM/MRO's Maximo Suite (MXES) for managing work order, facilities maintenance, inventories and asset lifecycles. This system will include wireless mobile computing and interface to the County	COTS	100 - 500	Department	2007	$100,000 - $350,000	100,000 to 1 million transactions	Procurement/Supply Chain Services/Management
LASD	E-Pitchess Communication System	Electronic communication between the Public Defender/Alternate Public Defender's Offices and the Discovery Unit to receive Pitchess Motions through electronic medium.	COTS	< 100	Department	2010		<100,000 transactions	Human Resource Services/Management
LASD	Equity Training Program (ETP)	Equity Training Program is an intranet application which provides the Bureau Of Compliance a tool to capture the Equity training and related information including pre and post tests mandates.	In-house development	< 100	Department	2002	< $50,000	<100,000 transactions	Human Resource Services/Management
LASD	Financial Information System II (FIS II)	FIS II tracks revenue within the Los Angeles County Sheriff's Department, generated by invoice billing to our Contract City clients, private entities, state, federal, and other government agencies.	COTS	100 - 500	Department	2003	< $50,000	100,000 to 1 million transactions	Accounting/Finance
LASD	Financial Management System (FMS)	The application allows for real-time distribution, reallocation and tracking of Services and Supplies appropriations, purchasing, general accounting and expenditure management.	COTS	100 - 500	Department	1992	$50,000 - $100,000	100,000 to 1 million transactions	Procurement/Supply Chain Services/Management
LASD	Fixed Assets System II (FASII)	FAS II is an inventory system tracking all fixed asset items purchased by the Sheriff's Department having a value in excess of $5,000.00.	In-house development	100 - 500	Department	2002	< $50,000	<100,000 transactions	Accounting/Finance
LASD	Fleet Management Shopfax System	Creates Repar Orders, handles inventory and cost analysis of vehicle fleet.	COTS	100 - 500	Department	1997	$50,000 - $100,000	<100,000 transactions	Procurement/Supply Chain Services/Management
LASD	Health and Safety Tracking (HST)	This system tracks the types and causes of disabilities and injuries by employee by unit of assignment. The system also tracks the length of time an employee is affected by the injury.	COTS	100 - 500	Department	1992	< $50,000	<100,000 transactions	Human Resource Services/Management
LASD	LASD University Registration Program (LASDU)	LASD University Registration program is an internet application which allows the LASD employees and the outside agencies to enroll through LASD University and be eligible for discounts.	COTS	100 - 500	Department	2007	< $50,000	<100,000 transactions	Human Resource Services/Management
LASD	MCM Inventory System	Automated Inventory System for Communications Equipment. Network based servers that maintain database of all mobile and portable communications equipment and accessories.	COTS	< 100	Department	2008	< $50,000	<100,000 transactions	Procurement/Supply Chain Services/Management
LASD	Military Reserve Background Tracking (MRBT)	This application manages and tracks the LASD military reservists and employees with a military background.	In-house development	< 100	Department	2008	< $50,000	<100,000 transactions	Human Resource Services/Management

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LASD	Mobile Digital Communication System (MDCS) - Inventory System	Automated Inventory System for Communications Equipment. Network based servers that maintain database of all mobile and portable communications equipment and accessories.	COTS	100 - 500	Department	2003	< $50,000		Procurement/Supply Chain Services/Management
LASD	Modified Automated Process and Accounting System (MAPAS)	The Modified Automated Process and Accounting System (MAPAS) is an in production computer application which assists the Sheriff's Department and other County Departments in tracking the service of civil and criminal process and subpoenas. MAPAS is also an automated accounting program which interfaces with the County Auditor-Controller's Trust Warrant Writing System (TWWS).	Vendor custom development	100 - 500	ISD/Downey	1998	$350,000 - $700,000	100,000 to 1 million transactions	Accounting/Finance
LASD	Overtime Expenditure Tracking System (OETS)	This application provides data entry at the Unit level for overtime projection and confirmation. The system will also download actual OT expenditures and OT hours from Countywide CWTAPP, CWPAY.	In-house development	100 - 500	Department	2008	< $50,000	100,000 to 1 million transactions	Accounting/Finance
LASD	Personnel Information Mgmt Systems (PIMS)	The application allows for the creation, management and tracking of positions within the Department and establishes the relationships between these items/positions and employees.	In-house development	100 - 500	Department	1988	< $50,000	100,000 to 1 million transactions	Human Resource Services/Management
LASD	Personnel Performance Index (PPI)	PPI is a tracking system which records data relevant to incidents involving use of force, shootings, service commendations /complaints, executive commendations, administrative investigations, and civil claims.	In-house development	100 - 500	Department	1992	$50,000 - $100,000	100,000 to 1 million transactions	Human Resource Services/Management
LASD	Pitchess Detention Center (PDC) Warehouse - MP2 inventory system	The MP2 program is for warehouse and parts inventory tracking as well as equipment maintenance tracking. It is used by the laundry to track the equipment parts and their warehouse inventory.	COTS	< 100	Department	2004	< $50,000	<100,000 transactions	Procurement/Supply Chain Services/Management
LASD	Point of Sale (POS) Cashiering System	Administrative and Training Division (ATD) is in the process of starting a new project to implement a POS Fiscal application to automate the collection of monies at each Sheriff Station for various fees. I.E. Towing, Report copies etc.	COTS	> 500	Department	2013	< $50,000	<100,000 transactions	Accounting/Finance
LASD	Pre-employment Tracking System (PTS)	This application tracks civilian and sworn applicants through all 5 phases (i.e. Interview, Background, Polygraph, Review, and Medical) of the pre-employment process.	In-house development	100 - 500	Department	2001	< $50,000	<100,000 transactions	Human Resource Services/Management
LASD	Reserve Forces Tracking System (RFTS)	Reserve Forces Tracking System is an intranet application which provides the Reserve Forces Bureau a tool to effectively manage and allocate the Reserve staffs to any specific events.	In-house development	< 100	Department	2001	< $50,000	<100,000 transactions	Human Resource Services/Management
LASD	Risk Management Tracking Database System	Enterprise level database system to record and track risk management data at the Sheriff Station level.	In-house development	< 100	Department	1998	< $50,000	<100,000 transactions	Human Resource Services/Management

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LASD	Scheduling Management System (SMS)	This system manages employee scheduling and publishes/produces daily in service sheets as well as a myriad of other functionality revolving scheduling of personnel.	In-house development	> 500	Department	2009	< $50,000	100,000 to 1 million transactions	Human Resource Services/Management
LASD	Sworn Online Application Processing (SOAP)	Sworn Online Application Processing is an internet application which allows the users to file the employment application online for the Deputy Sheriff Trainee, Post Trained, and Lateral Entry position.	COTS	100 - 500	Department	2000	< $50,000	<100,000 transactions	Human Resource Services/Management
LASD	Training Database System	Microsoft Access database system to record and track risk management data at the Sheriff Station level.	In-house development	< 100	Department	1996	< $50,000	<100,000 transactions	Human Resource Services/Management
LASD	Training Records System II (TRS2)	TRS II provides tracking for training within Los Angeles County Sheriff's Department. The Training Bureau inputs APIS roster and outside vendor training into employee training records that can	In-house development	100 - 500	Department	2009	< $50,000	<100,000 transactions	Human Resource Services/Management
LASD	Transfer Preference Tracking (TPT)	This application maintains and tracks the top 3 work locations preferred by an employee (Deputy). It is referenced as space becomes available and mass movements (breakups) are done.	In-house development	100 - 500	Department	1992	< $50,000	<100,000 transactions	Human Resource Services/Management
LASD	Weapons Qualification System II (WQS2)	WQS II tracks employee shooting results within the Los Angeles County Sheriff's Department. It provides a method to determine those employees who are eligible for monthly incentive pay.	In-house development	< 100	Department	2004	< $50,000	<100,000 transactions	Human Resource Services/Management
PROB	ASSET MANAGEMENT SYSTEM (BAR/SCAN)	This is a procurement and inventory system for fixed asset items.	COTS	< 100	ISD/Downey	2001	< $50,000	<100,000 transactions	Procurement/Supply Chain Services/Management
PROB	BACKGROUND TRACKING SYSTEM (BTS)	Monitor background process for potential candidates.	In-house development	< 100	Department	2001	< $50,000	<100,000 transactions	Human Resource Services/Management
PROB	BID LIST SYSTEM (BLS)	The system is used by Human the Resources Office to automate the Probation Department's job bid lists.	In-house development	< 100	Department	2006	< $50,000	<100,000 transactions	Human Resource Services/Management
PROB	CENTRALIZED RESTITUTION SYSTEM (CRS)	This application records court ward and victim restitution information in the Fiscal Services Office.	In-house development	< 100	Department	1990	< $50,000	<100,000 transactions	Accounting/Finance
PROB	ENTERPRISE HUMAN RESOURCES REPORTING SYSTEM (EHR RS)	The EHR RS (Enterprise Human Resources Reporting System) is an in-house developed web based application designed to provide the Probation's HR Division and Executives/Management personnel various canned reports (statistical and detailed) for monitoring and management decision making.	In-house development	< 100	Department	2012	< $50,000	<100,000 transactions	Human Resource Services/Management
PROB	EXAMINATION TRACKING SYSTEM (TRAC)	This system tracks and controls the Personnel Examination process.	COTS	< 100	Department	2003	< $50,000	<100,000 transactions	Human Resource Services/Management
PROB	GRIEVANCE TRACKING SYSTEM (GTS)	This application is designed to track all grievances submitted to the Personnel office. The system also includes tracking of arbitrations.	In-house development	< 100	Department	1998	< $50,000	<100,000 transactions	Human Resource Services/Management

Dept	Application Name	Description	App. Type	User Base	Host Site	Yr. Imp.	Ann. Cost	Ann. Tran. Vol.	Bus. Purpose
PROB	JUVENILE JUSTICE CRIME PREVENTION ACT CBO TRACKING	This system is a web based Internet application that enables CBO providers to input services provided to a minor. This system interfaces with PCMS.	Vendor custom development	> 500	ISD/Downey	2002	< $50,000		Accounting/Finance
PROB	JUVENILE REIMBURSEMENT SYSTEM (JRS)	This system supports reimbursement clerks in the collection of fees and juvenile court calendering at the halls.	In-house development	< 100	Department	1990	< $50,000	<100,000 transactions	Accounting/Finance
PROB	PERFORMANCE MANAGEMENT SYSTEM (PMS)	This application monitors and tracks Probation staff who may be under review for discipline.	In-house development	< 100	Department	1999	< $50,000	<100,000 transactions	Human Resource Services/Management
PROB	PERSONNEL ACTION REQUEST TRACKING SYSTEM (PAR)	This system provides detailed tracking for the approval of Personnel Action Requests (PAR) within each Bureau.	In-house development	< 100	Department	2000	< $50,000	<100,000 transactions	Human Resource Services/Management
PROB	RETURN TO WORK (RTW)	This application system is used to track employees who are out on industrial injury, medical leave or	In-house development	100 - 500	Department	2007	< $50,000	<100,000 transactions	Human Resource Services/Management
PROB	SAFETY MANAGEMENT SYSTEM (SMS)	This system tracks all employee related accidents/incidents and is used by the Return to Work Unit and Personnel Office.	COTS	< 100	Department	2000	< $50,000	<100,000 transactions	Human Resource Services/Management
PROB	SUSPENSE REMITTANCE MEMORANDUM (SRM)	This system tracks payments by a probationer without an account number the system generates a report for the Treasurer Tax Collector (TTC) that provides the correct account number.	In-house development	< 100	Department	1994	< $50,000	<100,000 transactions	Accounting/Finance
PROB	Volunteer Tracking System (VTS)	The Volunteer Tracking System (VTS) is a system intended to provide a central source of data tracking related to volunteers and programs/services they provide to the Department. The system also enables management to track related information for report purposes.	In-house development	< 100	Department	2011	< $50,000	<100,000 transactions	Human Resource Services/Management

5/12/2016

SACHI A. HAMAI
Chief Executive Officer

Board of Supervisors
HILDA L. SOLIS
First District

MARK RIDLEY-THOMAS
Second District

SHEILA KUEHL
Third District

DON KNABE
Fourth District

MICHAEL D. ANTONOVICH
Fifth District

July 20, 2016

To: Supervisor Hilda L. Solis, Chair
        Supervisor Mark Ridley-Thomas
        Supervisor Sheila Kuehl
        Supervisor Don Knabe
        Supervisor Michael D. Antonovich

From: Sachi A. Hamai
        Chief Executive Officer

ENTERPRISE INFORMATION TECHNOLOGY UPDATE

On March 29, 2016, the Board of Supervisors (Board) adopted the Chief Executive Office Organization Redesign that included a reassignment of the strategic information technology functions and personnel from the Chief Information Office (CIO) to the Chief Executive Office (CEO). The CIO core strategic functions, information technology strategic/business automation planning, information security and information management, were assigned to the CEO's Strategic Integration Branch to support the Board priorities. The following are updates to key CIO initiatives in support of Board priorities.

Countywide Master Data Management

On July 14, 2015, the Board approved the use of Information Technology Fund for three Work Orders to establish a Master Person Index (MPI) at the Departments of Children and Family Services (DCFS) and Mental Health (DMH), and a Countywide Master Data Management (CWMDM) Shared Infrastructure connected to a Master Patient Index at the Health Agency. This capability can assist departments to identify common clients to facilitate the coordination of care and service delivery, e.g. inmate diversion and re-entry, homelessness and child protection.

The DCFS MPI launched into production operations on June 27, 2016, with 2.5 million foster children demographic records collected over the past 20 years. The department has embarked on utilizing its MPI to identify and correct/reconcile duplicate records. The DMH team is testing its MPI comprised of approximately 800,000 client demographic records and is on schedule to go into production operations at the end of July, 2016. The CWMDM is planned for completion at the end of August, 2016. At that time, the CIO project team will continue to work with department MPI teams to identify common clients across DCFS, DMH and DHS.

With the remaining implementation of CWMDM and department MPIs on target for completion, the CIO team will begin the following initiatives:

1. Work with DCFS and the Office of Child Protection to develop a mobile application that will allow emergency response social workers to electronically access health, mental health, and public safety information to conduct child safety assessments, as governed by the Child Abuse Multidisciplinary Team protocol;

2. Work with the Research and Evaluation Services to enhance the Enterprise Linkages Initiative by leveraging CWMDM common client information and to create datasets to publish on the County's Open Data Portal to facilitate public policy and economic research; and

3. Outreach to other social services and public safety departments to provide person demographics information to CWMDM.

Enterprise Data Center

The Enterprise Data Center (EDC) Evaluation Committee, comprised of representatives from CEO, ISD, CIO and the CIO Leadership Committee, is completing its evaluation and selection and is planning to seek Board approval of a negotiated agreement by the end of August, 2016. The Enterprise Data Center Steering Committee (EDCSC) has convened to provide ongoing data center governance and will work with departments to develop a schedule to consolidate the County's 47 data centers over the next three years. When completed, the consolidated data center will be more secured, resilient and cost effective.

Protecting County Digital Assets

As the cyber security threat landscape continues to evolve, traditional defenses, such as antivirus and network firewalls, are not sufficient to protect County digital assets. It is the County's Information Security Strategy to establish a more resilient security infrastructure that expands the traditional defenses to include capability that anticipates and responds to disruption-related risks and adapt to complex and changing circumstances. To this end, the Chief Information Security Officer will, in consultation with ISD and the Information Security Steering Committee:

1. Conduct a reassessment of the County's Information Security Architecture to include the resilient capabilities to protect, detect and respond to evolving cyber threat landscape;

2. Develop a countywide Identity Access Management (IAM) Strategy that includes a single point of authentication to access County IT resources;

3. Direct the countywide implementation of an Enterprise Mobility Solution to protect County data and mobile devices; and

4. Develop a Cyber Disruption Response Plan to plan for, prevent, mitigate and respond to cyber risks and disruptions to County's IT services.

The CIO will continue to explore and identify other opportunities to support Board priorities. If you have any questions or need further information, please contact me at (213) 974-1101.

SAH:JJ:FAD
PL:lc/yjf

c: All Department Heads