



COUNTY OF LOS ANGELES

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July 21, 2003

To: Supervisor Yvonne Brathwaite Burke, Chair
Supervisor Don Knabe, Chair Pro Tem
Supervisor Gloria Molina
Supervisor Zev Yaroslavsky,
Supervisor Michael D. Antonovich

From: Jon W. Fullinwider
Chief Information Officer

Subject: **CUSTODY AUTOMATION PLAN UPDATE**

This memo is to provide you with an update on the status of the projects that make up the Coordinated Law Enforcement Justice Information Systems (CLEJIS) Committee's Custody Automation Plan.

BACKGROUND

Efforts between my office and the CLEJIS committee members produced the Custody Automation Plan, which your Board approved on October 14, 1997. The plan delineates nine separate systems projects that were identified to address custody technology issues. The nine projects included:

- **Jail Hospital Information System (JHIS)**
- **Trial Courts Information System (TCIS)/Automated Jail Information System (AJIS) Interface**
- Defendant/Inmate Movement Management System (DIMMS)
- AJIS Replication
- PC/LAN Infrastructure
- Livescan Interface
- Incident/Disciplinary Tracking
- **AJIS Mainframe Replacement**
- Automated Warrant Check

Six of these projects have been completed and three remain unfinished. The unfinished projects, which are highlighted in the list above, are the Jail Hospital Information System (JHIS), the Trial Courts Information System/Automated Jail Information System (TCIS/AJIS) Interface and the Automated Jail Information System (AJIS) Replacement project. These projects are progressing and are the focus of this report.

THE JHIS PROJECT:

APPLICATION	Planned Dates		Forecasted Dates	
	Start	Completion	Start	Completion
JHIS Project	2-15-1998	12-23-1999	8-11-1998	6-30-2004

JHIS provides clinical data to the Sheriff's Medical Services organization for more than 20,000 inmates residing in the County detention facilities. Patient management, patient scheduling, laboratory, pharmacy, radiology, dietetics, order management, care coordination, care documentation, electronic medical records tracking inventory management, meds administration/sick call and mental health components are currently in use at these facilities. The remaining function, to be delivered prior to project completion, is the document-imaging component.

Status: The document-imaging component and surrounding application code requires a later version of the Oracle database than the one currently in use. The Sheriff is upgrading the application hardware prior to upgrading the Oracle database with an August target completion date for the hardware and Oracle database upgrade.

As the contract nears its expiration date, the Sheriff will be submitting an amendment to your Board for approval to extend the maintenance services for five years, to increase the contract total to \$26,074,305, to redistribute monies expended on the project under the original contract total of \$20,141,006, and to redefine the remaining tasks for project completion.

THE TCIS/AJIS PROJECT:

APPLICATION	Planned Dates		Forecasted Dates	
	Start	Completion	Start	Completion
TCIS/AJIS Interface Project	8-7-1997	1-31-2000	8-7-1997	2-10-2005

Superior Court's TCIS will be electronically linked to the Sheriff's AJIS. This interface will improve the communication between the Courts and the Sheriff by replacing handwritten and manually delivered court orders with an automated transfer of custody

orders from the Court's computer system to the Sheriff's computer system. Benefits include increased functionality for TCIS, more timely delivery of custody orders, increased legibility due to the elimination of handwritten court orders, and the elimination of redundant data entry of custody orders into AJIS. All of these improvements will result in the Sheriff's ability to more expeditiously and accurately process inmates into or out of custody, thereby greatly reducing the potential for erroneous releases or over-detentions of inmates in the Sheriff's custody.

Status: As a result of numerous interruptions and budgetary shortages, the TCIS/AJIS Interface project is now more than five years overdue. In September of 2002, the project ran critically short of funding in the ISAB budget and, as a result, in November 2002, all substantive work on the interface project was suspended pending the availability of additional funds. The principal agencies involved in the project (ISAB, Superior Court, Sheriff and ISD) also decided at that time that before any further work on the project was commenced, ISD would have to produce a fixed price proposal clearly detailing how much more funding would be required to complete its work on the project. Despite the significant effort that it would take for ISD to generate a fixed-price proposal, the principal agencies felt that the full amount of funding and time necessary to complete this project would be known, and future budget crises as was experienced in the latter part of 2002 could be averted.

Since that time, ISD-ITS and the Superior Court have been working on detailing the functional requirements and specifications of the interface system, thereby allowing ISD-ITS to put forth a fixed-price proposal for all remaining work. The current status of that effort is that the Superior Court will be providing ISD-ITS with eight (8) detailed functional requirements documents by September 12, 2003, and an additional three (3) detailed functional requirements documents by October 15, 2003. From these documents, ISD-ITS will be preparing its fixed-price proposal, which will go before ISAB for funding consideration. Until that is completed, no further work on this project is being performed, and no new projections for project completion can be determined.

THE AJIS REPLACEMENT PROJECT:

APPLICATION	Planned Dates		Forecast Dates	
	Start	Completion	Start	Completion
AJIS Replacement Project	8-1-1998	4-1-2000	1-1-2001	To Be determined
Phase 1 Functionality				To Be determined
Phase 2 Functionality				To Be determined
Phase 3 Functionality				To Be determined

The Sheriff's Department has used the solicitation services of the Internal Services Department (ISD) to procure a commercial-off-the-shelf (COTS) jail management software package from Syscon Justice Systems (Syscon). The Syscon jail management software has been installed on a server cluster at the Sheriff's Data Center and is undergoing functional testing.

Commercial-off-the-shelf jail packages do not contain 100% of the jail management functionality that the Sheriff needs in the department's next generation Jail Information Management System (JIMS). Implementation services will be used to integrate the additional jail management functionality into JIMS. Sheriff personnel have divided the additional functionality into three phases and are writing specifications for these identified functional gaps between the standard jail management business processes delivered in Syscon's software and the additional jail management functionality the Sheriff needs in JIMS. The Sheriff will be submitting an Agreement for your approval for a three-phased implementation project to add the desired functionality to the Syscon product.

Status: Phase 1 consists of inmate trust accounting, an interface to AJIS, web queries, classification integration, custodial programs, inmate management and external agency billing. Phase 2 includes inmate transfer/movement, inmate document control, facility checks/inmate counts, inmate administrative services, inmate activity tracking, visitation tracking, food services, work tracking and inventory control. Phase 3 consists of consolidated booking, management statistical and external systems interfaces.

CUSTODY AUTOMATION PLAN'S COMPLETED PROJECTS:

Automated Jail Information System Replication:

AJIS data is being replicated on a reporting server with an Oracle database on a regular interval, providing ad hoc query and reporting capability for over ten (10) years of AJIS history.

Automated Warrant Check:

A series of comprehensive warrant checks automatically occur at booking, at positive identification and prior to release.

Automated Jail Information System/Livescan Interface:

A network of Livescan devices at all County police department's stations and Sheriff's stations ensures positive identification of arrestees during the booking process.

Incident/Disciplinary Tracking:

Complete and accurate information regarding an inmate's prior problems are available when decisions are made regarding security, risk and housing.

Defendant/Inmate Movement Management System:

A defendant/inmate's transportation, location, special handling concerns, and return from Superior Court are now being electronically tracked.

PC/LAN Infrastructure:

A network communications backbone is now in place for the 49 Court Services lockups and all County detention facilities.

CONCLUSION:

The JHIS project is very close to completion and will provide a modern electronic medical records system for the County's detention centers. The JHIS contract will expire August 15, 2003. Sheriff personnel are preparing an amendment for submission to your Board for approval to extend its term for three years plus two option years for JHIS maintenance services.

The TCIS/AJIS Interface project continues to move forward with full countywide deployment expected to begin in September 2003, and to conclude in February 2005. My office will continue to facilitate monthly meetings, as required, to provide support for the Sheriff, Superior Court, ISAB and ISD to bring these projects to completion.

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The AJIS Replacement Project personnel have installed the new jail management software and are currently conducting functional testing. The personnel are also determining the additional functional specifications that they will need to fully meet their future requirements, dividing the required functionality into phases and starting the implementation of the first phase.

JWF:JH

c: Sheriff Leroy Baca
Chief Administrative Officer
Chief Charles Jackson
Chief Jerome Schmiedeke
Executive Officer, Board of Supervisors
Information Systems Commission