

**MOTION BY SUPERVISORS MARK RIDLEY-THOMAS AND
DON KNABE**

NOVEMBER 24, 2015

Establishing a Countywide Consolidated Enterprise Data Center

On September 30, 2014 the Board of Supervisors (Board) approved a motion that sought to establish a robust, scalable and consolidated data center. At that time, the Chief Executive Officer (CEO) recommended the construction of a 58,000 square foot data center with a 27,000 square foot raised floor space that was estimated to cost the County of Los Angeles (County) approximately \$209 million. Instead of approving the CEO recommendation, the Board directed the Chief Information Officer (CIO), CEO, and the Director of the Internal Services Department (ISD) to: 1) contract with an independent third-party agency or firm to conduct a comprehensive and realistic recommendation regarding the County’s requirements for total and raised floor space, power and utility needs for a data center; 2) assess and analyze the short and long-term financial, logistical, and operational impacts associated with acquiring, leasing, or constructing a data center that meets the County’s needs; and 3) report back with a Countywide consolidation policy, five-year consolidation roadmap, and an operations governance process for the new data center.

In response to the first directive of the Board-approved motion, the CIO issued a memo on March 31, 2015 indicating that the third-party firm, Gartner, had completed its assessment of the County’s current data center infrastructure, and recommended a partial consolidation scenario where some departments do not participate in

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consolidation. In addition, Gartner concluded that the County would require only 5,000 to 10,000 square feet for the computer room and 0.9 - 1.6 megawatts of power capacity for IT equipment as opposed to the 27,000 square feet and 3.4 - 5.4 megawatts of power capacity initially recommended by the CEO.

In response to the second directive of the Board-approved motion, the CEO issued a report on September 28, 2015 indicating that, based on Gartner's space needs assessment, it is recommended that the County lease space in an existing commercially available co-location facility to serve as its primary, consolidated data center. The analysis of cost and schedule under this scenario estimated that the long-term costs of a data center facility would be \$155 million for a 17-year co-location lease that includes the requisite power, utility, office and storage space. This approach would represent a savings in excess of \$50 million compared to the \$209 million cost for construction alone that was previously recommended by the CEO. Furthermore, the lease option would allow a transition to the new data center at least three years sooner than under the buy or build options.

In response to the third directive of the Board-approved motion, the CIO released a data center consolidation strategy on September 30, 2015 with a consolidation roadmap for the new County data center with important milestones including planning and implementing the consolidated data center and its governance structure. The Gartner report indicated that the County should meet those target dates to streamline the migration process and avoid mission-critical system interruption.

WE THEREFORE MOVE THAT THE BOARD OF SUPERVISORS:

1. Direct the Chief Executive Officer to proceed with the recommended lease approach for the new consolidated data center and report back to the Board of Supervisors for final approval of a co-location lease following the completion of a competitive solicitation process;
2. Direct the Director of Internal Services and the Chief Information Officer (CIO) to begin submitting the following reports to the Board of Supervisors

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pursuant to the recommendations contained in the report by Gartner attached to the CIO's September 30, 2015 memo:

- a) Bi-monthly reports on the progress of the build-out and preparations for the new County data center to ensure occupancy by the 4th Quarter of Fiscal Year (FY) 2016-17;
- b) Quarterly progress reports on the decommissioning of the current data center in Downey to allow for transfer and transition to the new Los Angeles County data center by the 2nd Quarter of FY 2017-18; and
- c) Semi-annual progress reports on the migration of departmental data centers to the new County data center to ensure completion by the 3rd Quarter of FY 2020-21.

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