

# Elliptical Mobile Solutions' C<sup>3</sup>-S.P.E.A.R.s

## Provide Affordable IT Solution for LA Superior Courts

### Spotlight on Los Angeles Superior Courts, LA County, CA

The Los Angeles County Superior Court system is the largest trial court in the United States, with 600 courtrooms in 50 courthouses throughout Los Angeles County.

The Court serves 9.5 million people throughout the 4,000 square mile County - from Pomona to Santa Monica and from Lancaster to Long Beach.

About 100,000 people use the court system each day for traffic violations; family law matters; probate matters; small claims; as well as civil, juvenile, and criminal cases.

### EMS Solution

Due to increased growth in Los Angeles, the County's data center was in desperate need of a retrofit or expansion. This would have presented a number of challenges including aging infrastructure, strained power resources and shrinking budgets.

The C<sup>3</sup>-S.P.E.A.R.s' advantages included significant CapEx and OpEx savings, increased floor space, easy accessibility, improved performance, simplified implementation and easy mobility.

### Reducing CapEX Costs

EMS' C<sup>3</sup>-S.P.E.A.R. is built at the rack level with onboard cooling, security and fire suppression. This solution eliminated the need for a thermal engineer; large design team; planning and permitting and construction crews. By providing a drop in place infrastructure, The EMS solution greatly reduced upfront Capital Costs for the LA Superior Courts.



## Reducing Operating Expenditures

Operating expenses, such as electricity required for cooling a data center, resource utilization, and maintenance account for nearly two-thirds of the total cost of ownership (TCO). EMS effectively addressed all of these factors, while delivering the high availability and performance the Courts needed.

In addition to the savings from the C3-S.P.E.A.R.'s closed loop cooling, the Micro-Modular Data Centers also decreased the space required to store the Courts' IT, and further reduced operating and cooling costs.

## Simplified Implementation

The C<sup>3</sup>-S.P.E.A.R. provides a drop in place architecture that can be located anywhere in the world where there are power and network connectivity. This greatly simplified and expedited the Courts' ability to get the new computing environment into production.

The unit also features a self-propelled drive train, allowing one person to move ½ ton of rack mounted equipment at the push of a button. This feature was important to IT officials who thought they could easily relocate the data center in the event of an emergency or disaster and have the whole system up and running again in a short amount of time.

Ultimately, this solution positively impacted the Courts' operations as a whole, and provided a mobile and flexible platform to house their IT.

## LA County to continue to use C<sup>3</sup>-S.P.E.A.R. solution

The LA County Superior Courts plan to expand their remote operations with up to 30 C3-S.P.E.A.R.s for their remote office locations. The savings from the downtime as a result of over heated equipment will justify the ROI in less than a year.

Find a business solution that is right for your company. Contact Elliptical Mobile Solutions today!

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## Elliptical Mobile Solutions

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