

PROJECT PROFILE



Caltrans District 7

A Clear View of Traffic

Caltrans District 7 called upon Electrosonic to upgrade the audio-visual system at its Los Angeles facility with a new videowall that takes advantage of the latest in projection technology. Used for traffic monitoring, the videowall comprises a 12-screen center unit in a 4x3 configuration flanked by a pair of 6-screen 3x2 units. The giant wall features 80-inch diagonal screens in the center and 52-inch screens on the sides.

“Caltrans District 7 has more than 400 cameras on the highways of Los Angeles and Ventura counties,” says Electrosonic project manager Guy Fronte. “They can review camera feeds 24/7 in the facility and when there’s a traffic event, they can magnify that feed on the videowall.”

After more than five years of constant operation, the existing rear-projection engines had begun to degrade, so Electrosonic replaced the videowall engines with

Christie RPMSP-D132U displays for the center screen and RPMX-D132U displays for the side screens. The side projectors were installed in existing cabinets behind the videowall; the center projectors were placed in a huge metal framework previously built by Electrosonic.

Electrosonic swapped out one projector at a time to allow for continuous operation throughout the installation. A touchscreen control system, previously installed and now modified by Electrosonic, operates the new videowall, turns the system on/off and monitors lamp life.

Electrosonic also furnished spare lamps and is providing an extensive service contract, which includes complete parts and labor, unlimited telephone support, proactive preventive maintenance visits and eight-hour response time on weekdays.