

Caltrans, California [US]



Smoothing the flow of traffic

Caltrans District 4 in Oakland, CA is responsible for the design, construction, maintenance, and operation of the California State Highway System and the Interstate Highway System within California.

Caltrans District 4 is accountable for the smooth flow of traffic in ten counties in the San Francisco Bay area.

Safe highways in California

Caltrans District 4 chose Barco to supply 35 projection modules for its Transportation Management Center. The 35 screens were installed to create a 12' x 24' wall that shows a massive amount of data. The display includes a map of the Bay area, the entire line of freeways and state highways for the area, road sensor data including traffic speed and density, road way message signs, highway advisory radios, ramp meters, seismic stations, local and national television stations, and closed caption television (CCTV). Special software, created by Barco, is used to link incident responses from computer workstations to the enormous display.

Improved mobility

"Caltrans' mission is to improve mobility across California. By installing the complete Barco control room solution, we can improve the mobility for people, goods and information in District 4," said Pete Cardenas, Project Manager for Caltrans District 4 TMC. Barco offers a complete package with excellent visual displays, in addition to software, graphical controllers and training."

BARCO

Visibly yours



Seamless integration

Caltrans District 4 opted to purchase a complete large screen display solution for their Transportation Management Center. The 35 OverView Projection Modules are seamlessly integrated into the center and support universal inputs such as motion video, Internet data streams, VGA, computers, video conferencing and satellite links. All of this information can be fed into any number of screens and moved across the display area.

Flexibility in control

The 35 projection modules offer proven technology for accurate data and splendid color reproduction. The Eos Graphical Controllers operate the multi-screen display as if it were one logical screen. Any data, graphical and video application can be viewed and positioned anywhere on the display. Moreover, the unit allows the simultaneous display and real-time control of any remote or local application, and supports Windows NT/2000 as well as X Window environments.

Caltrans also purchased the Osiris management software, so that every operator at Caltrans has an extremely productive and reliable way of managing control room operations at hand.

The software allows the operators to define an unlimited number of scenarios according to personal and common requirements within the control room. It even allows multiple operators to simultaneously work the display wall and can be customized along user access priority lines.

Transportation Management Centers are responsible for managing the traffic flow for millions of people and need to have the best products in their facilities.

Caltrans District 4 is now one of the most technologically advanced transportation management centers in the world because they have installed Barco's complete control room system. Barco's products not only benefit the people who work at Caltrans, but the entire Bay area will reap the benefits of the new control room.



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Barco Control Rooms is an ISO 9001 registered company.
The information and data given are typical for the equipment described. However any individual item is subject to change without any notice.
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Barco Control Rooms - Belgium
Noordlaan 5, 8520 Kuurne
Phone (32) (56) 36-8211
E-mail sales.bcd@barco.com

Germany Phone (49) (721) 6201-0
USA Phone (1) (770) 218-3200
Brazil Phone (55) (11) 3842-1656
Japan Phone (81) (3) 5762-8720
Hong Kong Phone (852) 2397-0752

