

## Case Study > Port of Long Beach Joint Command & Control Center

### ABOUT THE JOINT COMMAND & CONTROL CENTER

The Port of Long Beach is the second busiest container port in the USA, presenting unique challenges for the various agencies collectively responsible for maintaining security. The new \$21 million facility (built in 2008) serves as the communications hub and headquarters for the Port of Long Beach Security Division and Harbor Patrol, as well as housing units from the Long Beach Police Department, Port of Los Angeles, U.S. Coast Guard, U.S. Customs and Border Protection, and Marine Exchange during an emergency.

### THE CHALLENGE

The new JCC Center, a highly sophisticated building equipped with cutting edge technology, would require an information display system of a similar caliber, and capable of facilitating collaboration within a multi-agency environment. To achieve this, the display system must be network-based to support cost effective connectivity between locations spread over three floors, as well as to easily extend the system to connect with organizations in other geographic locations in the future.



### THE SOLUTION

The Port selected the Activu solution because it offered a net-centric and custom designed approach to multi-site display and distributed collaboration.

Activu software, the core of the system, was integrated into the building's standard IP network, and eliminating the need for extensive and expensive additional cabling and hardware to build a duplicate pathway throughout the building. This net-centric software approach provides the greatest measure of flexibility in terms of how the system is used now, and later, how it will support infrastructure change.

The Activu solution enables anyone in any place or geography to access and display visual information on video display walls, panels, desktop monitors and laptops via the

network. All information sources connected to the network, from data systems and radar imaging to surveillance cameras and news feeds, are instantly available for users to access and display either on local or remote displays.

The system currently covers over twelve locations in the new Center: the Lobby, several Briefing Rooms, Executive Conference Rooms, Break Room and Exercise Rooms, the Department of Operations Center, the main Monitoring Room, the Director of Security's office and some managers. Activu's simple and cost effective scalability will allow the system to be extended to include more locations within the building or to remote facilities with marginal cost.

When Activu's Service Group designed and built the system, they installed a large display wall in the Main Monitoring Room and integrated multiple large 40" and 46" LCD panels used in other spaces. Additional custom design work involved developing special user interfaces to automate functionality in various meeting rooms used by those unfamiliar with the technology. At the click of a button, someone can power on the system, call up any number of TV news channels, turn on and display a DVD for training sessions or launch a laptop presentation.