

# Digital Signage/Video Conferencing Project

YEAR IN REVIEW 2008

ADMINISTRATIVE SERVICES DIVISION

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The Los Angeles County Sheriff's Department remains the largest sheriff's department in the country, employing approximately 17,000 personnel throughout 3,157 square miles. The Department faces unique communication challenges in today's demanding, fast-paced society, where delivering timely information to Department members has become critical. Digital Signage allows for the efficient delivery of cost-effective communication to all of the Department's personnel, including times of natural and man-made disasters.

Digital Signage ensures the dynamic delivery of video, graphics, animation, text, and other web content, on a high-quality display distributed to a targeted audience at a specified time. Using the Department's current network infrastructure, members of the Administrative Services Division Special Projects Team began the installation phase of the project in September 2008, and will eventually reach every patrol station and jail facility within the Department. The focal point of the Digital Signage Project is a large, flat screen monitor that displays content delivered from digital signage, video on demand, and video conferencing.

## DIGITAL SIGNAGE

The Digital Signage system will allow the Sheriff's Headquarters Bureau to disseminate information throughout the Department via screens in briefing and high traffic areas. The digital signs are capable of displaying current Departmental news directly from Sheriff's Headquarters Bureau, as well as local content controlled by each respective station or unit. Crime analysts can publish crime maps and statistics specific to each unit, while automatic news feeds from the internet can be streamed into the system, including weather and traffic conditions, on a real-time basis. In emergency situations, the Sheriff's Headquarters Bureau is able to quickly publish news or messages to every sign in the Department, while routine information, such as local wanted flyers or daily in-service sheets, can be displayed as well.

## VIDEO ON DEMAND

The Video Productions Unit has created many training videos over the years, but has experienced difficulty in disseminating them to the various sheriff's facilities located throughout the County. Most Department computer systems have enough memory to store only a few training videos at any given time. With the new video on demand feature, there will be enough computer storage at each unit to hold most of the currently distributed video library. Department members now have the ability to navigate through a menu system with a remote control, and can choose to view any training video through a high-definition monitor.

## VIDEO CONFERENCING

The digital signage monitors that are being installed in the briefing rooms of every patrol station, sub-station, and jail facility are equipped with video conferencing capabilities, further enhancing Department-wide communications abilities. Each facility has the ability to communicate with other facilities by way of high-definition video and audio feeds, allowing stations to conduct simultaneous briefings with their sub-stations. In addition, Department Executives will have the ability to participate in facility briefings, and stations can conduct briefings with other stations and units in the event of large scale mobilizations. Video conferencing also allows for Department members to attend training classes that are being conducted by way of video conferencing.

The Video Conferencing equipment is provided by



The Digital Signage system is produced by



The Digital Signage Project is expected to be fully deployed Department-wide by mid-2009. The Department has maintained a worldwide reputation as a leader in the law enforcement community, and this cutting-edge technology will assist the Department in moving forward to enhance inter-Departmental communications interoperability.

