

Technology at Work

Bradley U. Mass Notification System Integrates Multiple Solutions



GE Security's EST3-Sixty Mass Notification/Emergency Communications (MNEC) system has been deployed at **Bradley University**. The solution meets the UL 2572 mass notification standard and integrates multiple forms of communications, including paging systems, fire alarms, electronic signage, E-mail notifications and other forms of communication.

EST3-Sixty with Voice Over Internet Protocol (VOIP) integrates with the university's existing fire alarm network and the FireWorks Command and Control interface to create a stable emergency communications backbone. It allows each building to send out individual alerts in addition to

being part of the larger Bradley system. To date, some 19 buildings are served by the system.

Local Police Can Monitor Canby School District's Video System

Oregon's **Canby School District** has installed an IP-based video surveillance network to monitor its facilities. The network supports nearly 50 JVC V.Networks IP cameras — a mix of VN-C215V4U fixed mini-dome and VN-V26U brick-style models — as well as four JVC VR-N1600U 16-channel network video recorders (NVRs).

While the video cameras can be viewed in real time and monitored 24/7, Canby School administrators prefer to review the recordings to investigate suspicious incidents that have taken place, such as thefts or student skirmishes. School officials may be granted access to monitor all the cameras — or just an individual camera or select portion of the network — using any Web-enabled device. Also, law enforcement agencies can monitor school cameras remotely from their squad cars by tapping into the school district's IP-based Wi-Fi network.



Video Monitors Stephen S. Wise Temple and Schools' Perimeter



One element of the multi-faceted security system at **Stephen S. Wise Temple and Schools** in Los Angeles is the NetDVMS video surveillance management and control solution from **On-Net Surveillance Systems Inc. (OnSSI)**. The system manages networked video from cameras located throughout the facilities and integrates with the institutions' physical security information (PSIM) system (PSIM). OnSSI is critical to the PSIM, courtesy of NetDVMS's ability to interface with other systems from other suppliers.

Wise Temple and Schools run NetDVMS software on two HP servers with 16TB of video storage assigned to the OnSSI system. Ten cameras run on a virtual server, and another 54 cameras run on hardware servers, with plans pending to add more cameras. The cameras are a mix of domes, "box" cameras and pan-tilt-zoom (PTZ) cameras, all of which are managed by OnSSI's NetDVMS system.

To effectively manage monitoring of the facilities' extensive perimeter area, the system also employs video analytics from Agent Vi in conjunction with OnSSI's NetDVMS software. The PSIM receives data from multiple systems, processes it and provides operators the visual information they need. Fewer people can effectively monitor a far greater number of locations, greatly reducing operational costs while improving security.

Minnesota State System Adopts Safety Training Program

360 Stay Safe's video training program "Stay Safe at College" has been selected by the **Minnesota State Colleges and Universities system** to enhance campus safety for students, faculty and staff. The program will be a core component of a curriculum used throughout the 54-campus system.

The "Stay Safe at College" program is designed to help individuals take responsibility for their own safety by providing useful, practical information and advice for the real situations faced on campus.

Topics covered include theft, sexual assault, campus shootings, identity theft and threats that can come from online and social networking Web sites.

Because Stay Safe is available in both a DVD and online format, public safety officials on each campus will determine how the curriculum will be shared. Some campuses will make it available through Web portals while others will use it during orientation sessions or class presentations. **CS**



Huntington Hospital Fire System Enables Easy ID of Alarms

Edwards Service, a Division of **Carter Brothers, LLC**, recently completed a fire alarm system integration project at **Huntington Hospital** in New York. The half million dollar, yearlong project began in May 2008.

In addition to providing testing, inspection, repair, emergency services, and preventive maintenance, the Edwards Service division installed 10 networked EST-3 fire alarm control panels. Outdated and conventional fire alarm pull stations and smoke detectors were replaced with new EST-3 panels utilizing more than 3,000 addressable detectors and modules, making them intelligent control systems that can easily identify any alarm condition. The newly integrated system will be the fire and life safety system backbone for the first phase of construction as well as future expansion projects.

