

# REMOTE

---

## Site & Equipment Management

August/September 2008

### VideoNEXT Launches Three New Products

videoNEXT has introduced its v-MX video wall solution, the v-IQ and its v-AC. All three units are designed to help professionals manage their security solutions. The v-MX is a new virtual-multiplexing display system that enables videoNEXT's Security Knowledge Manager (SKM) users to display live and archived video and command and control data to an infinite number of displays in their command center.

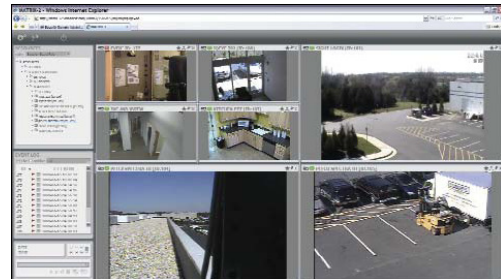


**videoNext's v-MX solution**

Adding v-MX to an SKM installation enables video wall and multiplexing functionality in a pure IP-based environment. v-MX can scale to route and display live video directly from any number of cameras to a limitless number of video wall configurations. Whether an organization needs a dual monitor terminal or a massive, multidisplay

command center video wall for hundreds of cameras and monitors, v-MX is a value-rich solution both technically and fiscally.

videoNEXT's SKM is an open, standards-based software solution that works with almost any IP, digital or analog camera, runs on any Intel or compatible server and uses an organization's existing security and data infrastructure in new and powerful ways. It provides an easy and scalable IP surveillance and security solution. Combining this with full policy-level administration and a flexible high availability Storage Volume Manager - organizations now have a highly capable, powerful, scalable and easy-to-use surveillance and security tool.



**videoNext's SKM software solution**

videoNEXT's new video analytics solution, v-IQ, is designed to accurately mine and evaluate critical events amidst a massive

amount of video data. The v-IQ was developed as a result of years of research and development (R&D) and partnerships with leading universities, computer vision scientists and an exclusive cooperative R&D initiative with the US Army Research Lab. videoNEXT has broken down the video analytic dilemma into two components. The first is the actual object tracking, done via advanced ground subtraction algorithms to isolate objects from the background. The second is the logic used to determine what the object is doing.

Applying this two-step method allows videoNEXT to easily tailor its advanced video algorithms for use in a multitude of environments. These v-IQ modules can be applied in real-time or in a forensic search to recognize many behaviors, such as abandoned objects, velocity and count of objects, access control tailgating, directional violations, zone of protection violation and camera-to-camera object hand off.

"Surveillance video technology is a valuable physical security method for facilities, however, it is the ability to analyze these videos that provides the real value to an organization," said David Marra, chief technology officer, videoNEXT. "Our v-IQ solution offers advanced analytical capabilities to enable users of our Security Knowledge Manager (SKM) solution to easily detect and prevent potential events or to review video for forensic purposes."

The third and final new product is videoNEXT's access control solution, v-AC.

This addition to the videoNEXT family of IP video and physical security information management products provides a framework for the integration of both legacy and new IP-enabled access control systems with the company's Security Knowledge Manager (SKM) command and control center. v-AC provides a single command and control application to monitor video and associated access control alarms in real-time by visually interrogating access control alarms and automatically seeing the video from the access points in question. It integrates with many legacy systems, including SoftwareHouse and Lenel, and offers door control functionality within the SKM command and control display.

The videoNEXT v-AC solution also provides forensic search capabilities for visual card holder interrogation.

If an employee unknowingly lost their access control card, for example, and there had been a string of thefts at the facility, the security team could use the v-AC solution to access the video that is correlated to the lost card and see who is using the card during the time period when the theft occurred. This feature of v-AC is a frequently requested functionality by SKM users in all types of industries.

**Check out Remote 2008 Conference and Expo's**

**New Security Session Track Online at:**  
[www.remotemagazine.com/rem08\\_program.php](http://www.remotemagazine.com/rem08_program.php)

