PROXIMEX

The Leader in Physical Security Information Management (PSIM)

Challenges

- Securing valuable assets with a high ingress-egress rate

- Increasing personnel productivity based on company security policies and procedures

- Transitioning facilities to IP-based systems for 24/7 remote monitoring

Why Surveillint™

- Integrate new and old systems and technologies into one command and control center

- Collect and correlate data from sub-systems so only pertinent alarms are reported to personnel

- Leverage additional system capabilities, such as autotracking

Results

- Highly secured perimeter with better protection of assets and personnel

- One officer delivers the same impact as five employees

- Alarm events assessed within 30 seconds of alarm receipt

- Individual response times reduced by as much as 90 percent

- Report preparation time reduced by 60 percent per event

- Ready for future expansion to include additional yards and buildings

NATIONWIDE RAIL TRANSPORTATION PROVIDER

How many systems does it take to create a state-of-the-art IP security environment for a major intercity passenger rail services provider? More than a dozen.

How many solutions does it take to integrate these systems into a state-of-the-art IP security environment? One—Surveillint.

A key transportation provider operates a nationwide rail network that serves 500 locations across 20,000 miles and employs 15,000 people. The company required greater security protection for two key maintenance facilities. The facilities are quite large, each 1 mile long by 1/4 mile wide, and security threats are real due to constant human movement and a high ingress-egress rate (that is, entering and departing the properties). Furthermore, the facilities house many high value assets, such as copper wire, rail car supplies and replacement equipment. Besides providing better security awareness, the rail company wanted to increase security personnel productivity so one person could make faster and better decisions based on the company's security policies and procedures.

The company tested and chose best-of-breed security systems in order to move from traditional physical security to IP-based systems for 24/7 remote monitoring of suspicious activities. The chosen systems were: Cisco IP digital video surveillance; Lenel access control; Agent VI video analytics; Commend IP intercom emergency notification; Proxim wireless radios; Axis and IQinVision fixed and PTZ video cameras; Bosch CCTV IR illuminators; and SightLogix and FLIR long range cameras.

Integrating so many different systems and technologies was a major concern for project managers because each system had its own nuances and vendor-specific issues. So the company implemented Surveillint as the command and control solution to integrate all of the systems into one centralized environment. Surveillint makes it easy to bring together disparate systems and technologies so relevant information from each system can be collected, correlated and analyzed for incident response.

Security teams now handle threats proactively and are seeing faster incident response times as one officer delivers the same impact as five employees.

With Surveillint, operators can easily move between satellite views of the facilities or drill down to particular threats and alerts as necessary. Data from all security systems is collected, correlated and displayed based on company security policies and procedures. This means that only pertinent alarms and related information are presented to operators to help them make informed assessments and quick responses. Surveillint constantly monitors dozens of fixed and PTZ video cameras installed internally and around the perimeter of each facility so operators can automatically view any activity from one screen. With Surveillint's Business Logic Manager, the company designed standards for its overall response process and created appropriate incident reporting for all levels of management.

Surveillint saved the company a significant amount of time and money to design and implement the project. The Proximex™ SDK also helped save costs by leveraging additional system capabilities, such as autotracking. For example, the SDK allows the Agent VI video analytic system to communicate commands to the Cisco video surveillance system, which "tells" the PTZ cameras to physically turn toward the threats identified by the Agent VI system. This process automatically presents two views and perspectives of the same event so operators receive more relevant information and can better respond to incidents.

As a result, the company's investment into security awareness has provided many returns. Its security teams now handle threats proactively and are seeing faster incident response times as one officer delivers the same impact as five employees. Alarm events are assessed within 30 seconds of receipt and unauthorized and unmonitored access has been eliminated. Individual response times have been reduced by as much as 90 percent and report preparation time has been cut by approximately 60 percent per event. In the near future, the company plans to expand its security environment to include more maintenance yards and buildings and Surveillint is ready to meet the challenge.