DHS Headquarters

TITAN SYSTEMS

Building into the Future

The Department of Homeland Security (DHS) required an intelligent video surveillance, detection and monitoring system for the headquarters complex and for geographically dispersed sites.

The system covers the perimeter, grounds and building interiors. Titan Systems' videoNEXT product solution integrated numerous security elements into its PSIM (Physical Security Information Management) system.

These elements include:

- Access control,
- Cameras,
- Video Storage,
- Intrusion Detection and
- Fire Panels.

The headquarters contains over 380 cameras and 100 cameras with analytics. The 16 Servers access 360 TBs of storage. The Situational Awareness display system uses over 50 Wall Monitors. Titan/videoNEXT uses only COTS equipment in its video walls. We configure each monitor view with multiple cameras. The User switches views when desired. Alert and alarm events bring-up the relevant camera views to assigned Critical Monitors.

Geo-Referencing Aids in Situational Awareness

To aid in Situational Awareness, the system includes Geo-referencing ability. The system places detected objects on a satellite image of the campus. For internal security purposes, the system can incorporate building layouts. Alarms from any of the data sensors can be pinpointed on the maps.

DHS Headquarters connects to over 13 DHS sites with plans to connect to 20 geographically dispersed sites. The typical remote site has a monitor, server and approximately 50 cameras. Each remote site integrates various security elements such as access control and other security sensors and devices. DHS Headquarter personnel can configure and operate the remote site(s) Security System from Headquarters. This feature limits the number of highly trained personnel that are needed to operate the Security Systems. Remote sites also employ Titan/videoNEXT's Avatar package. This software monitors the communication link and prioritizes the transmission of the most vital information according to the ConOps (Concept of Operations). This feature is most useful when physical or economic conditions constrain communications.

Contact Titan Systems Today

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