



Chapel Hill-Carrboro Schools Standardizes on 3xLOGIC Hybrid NVRs with Video Alarm Verification and Network Health Monitoring

3xLOGIC
VIDEO MANAGEMENT | **VIGIL**

THE SITUATION

Chapel Hill-Carrboro City Schools is an elite, public school district located in Chapel Hill, NC. It has 12,090 students in grades PK, K-12, and is comprised of 23 education and administration buildings.

THE CHALLENGE

“This school district has always been ahead of the times, they’ve had video surveillance and access control in place for 15 years,” explained Chuck Harrelson, President, Sonitrol of the Triangle, the integrator/installer for the district. However, Harrelson knew the district should be doing more to upgrade their security capabilities.

THE SOLUTION

All 23 education and administration buildings are equipped with a mix of analog and IP cameras. With 90-100 cameras at some locations, Chapel Hill-Carrboro has video from several hundred cameras system wide. Harrelson continued, “The 3xLOGIC hybrid NVRs are great, upon installation we didn’t have to take out any legacy analog cameras, and now when an analog camera fails, we install a 3xLOGIC IP camera. That is so much better than asking the district to write a huge check when we upgraded the system.”

THE BENEFITS

- School Resource Officers (SROs) consistently rely on the video feeds and controlled access to help them effectively execute their duties.

- In 2017, Sonitrol convinced the district to implement 3xLOGIC’s VIGIL Central Management. “Health monitoring (VCM) has been a big help, so many times staff wouldn’t notice a camera or NVR was down. Then, there’d be an incident, but we didn’t know equipment had been malfunctioning.”
- With VCM capabilities, Sonitrol often rolls a truck and fixes the problem before the district knows they have a problem. This shows Sonitrol of the Triangle to be proactive problem solvers.

“On our campuses, video surveillance is a vital part of our overall security strategy, and the ability to have video verification of alarms is an enormous improvement. In addition, with 3xLOGIC and Sonitrol Triangle ‘health monitoring’ of our network, we have high confidence we’ll know immediately when any equipment isn’t fully functioning.”

— William J. Mullin, Executive Director of School Facilities, Chapel Hill-Carrboro City Schools

- After network health monitoring, Harrelson convinced the district to install Video Verification capabilities. Sonitrol donated 3xLOGIC Multi-Sensor devices and integrated them with state-mandated panic buttons monitored by the Sonitrol central station.
- Video alarm verification provides invaluable information to responding authorities. Video verification is also crucial in substantially cutting down false alarms caused by so many people coming and going.

THE PRODUCTS

Powered by the VIGIL Video Management System (VMS) Suite of Products, 3xLOGIC recording appliances are a distinct combination of hardware and software collectively engineered to maximize performance and functionality.



VIGIL Central Management (VCM)

With VIGIL Central Management (VCM) software, the status of servers and cameras are immediately available to let you know when there's a potential problem, allowing immediate action to take place to resolve any potential issues. Created to add value in any scenario, VCM can be deployed for a single, enterprise-level project or can manage thousands of single or multi-location end users on the same system.

VCM can reside anywhere: physical or virtual server; inside or outside of an end-user firewall; or, new in VIGIL 9.5, hosted by 3xLOGIC in the cloud.

With VCM you can monitor:

- CPU utilization
- Number of active cameras
- Video footage data ranges
- Storage capacity and days of video storage
- Remotely deploy software updates and configuration changes
- Centrally control Server users and their permissions on any or all connected Servers
- Dynamically populate VIGIL Client's Server list
- Receive warning notification on system health through VCM Client or via text/email
- Pull camera snapshots to check field of view without logging into every Server and camera
- Backup and store Server configuration files

VX-2S-CPIR-W Multi-Sensor NVR

The 3xLOGIC 2MP indoor Multi-Sensor NVR goes far beyond an IP video camera. The Multi-Sensor boasts the ability to host VIGIL Server, so the camera can record video to the onboard SD card, with full search capabilities and alarm push notifications in VIGIL Client, and in View Lite II and infinias mobile apps. The Multi-Sensor also provides PIR Motion Detection, built-in glass break sensor technology and two-way audio.



Mobile Apps



View Lite II is a mobile app designed to allow a user to connect to and view your cameras. With alarm push notifications, DI/O support and POS/ATM searches, 3xLOGIC's View Lite II is an excellent way to quickly access your VIGIL surveillance system data anytime, anywhere. View Lite II is available for download on the Google Play and Apple Store.

