



Challenge

A global technology leader within the consumer electronics market required an advanced HD surveillance system to protect inventory and employees inside their new 600,000 sq. foot state-of-the-art manufacturing facility and corporate headquarters.

Solution

PNY uses 21 Avigilon HD cameras to help secure their corporate headquarters, which spans 38 acres with a 600,000 sq. foot manufacturing plant in Parsippany, New Jersey. Avigilon 5 MP cameras monitor various areas within PNY’s manufacturing warehouse including the company’s assembly areas, packaging lines and shipping. PNY deploys Avigilon 16 MP cameras to oversee activity outside of the building as well as the parking lots. The security team at PNY manages the system from their on-site security control center using their individual desktops and four wall-mounted monitors using the Avigilon Control Center network video management software (NVMS) with High-Definition Stream Management™ (HDSM) technology. They also use ACC Mobile to view live and recorded images remotely and Avigilon Network Video Recorders (NVRs) to store up to 30 days of continuous surveillance footage. PNY uses Avigilon encoders to support existing hardware.

Benefits

With the Avigilon system, PNY can protect and monitor valuable, computer products such as flash memory cards, USB flash drives, HDMI cables and mobile accessories that are produced from their corporate headquarters. Avigilon HD cameras also observe shipment trucks as well as the foot traffic from neighboring businesses. The Adaptive IR feature on 5 MP H.264 Dome cameras enables the security team to keep an eye on suspicious activity that may occur in the dark and provide clarity on faces and movements. The ACC software allows PNY to accurately identify and resolve incidents – such as theft or accidents - in a timely manner and use the recorded footage as a learning tool to improve business and safety protocols. PNY security officials leverage ACC Mobile to watch over the premise and inside the warehouse on off-hours and weekends.

- Improve business operations
- Save staff time through remote monitoring
- Prevent accidents and theft

Market: Commercial

Location: USA

Featured Products



ACC Software



2 MP HD Dome Camera



5 MP HD Dome Camera



16 MP HD Pro Camera



ACC Mobile

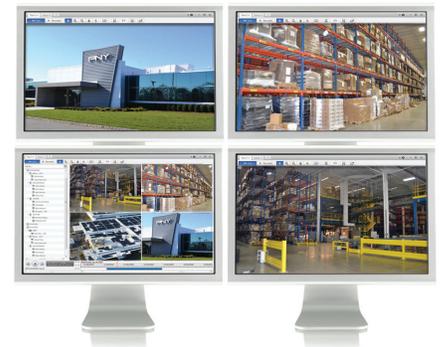


Analog Video Encoder



Growing Manufacturer of Consumer Electronics Protects Assets and Ensures Employee Safety with Avigilon High-Definition System

Founded in 1985, PNY, a New Jersey-based electronics manufacturer, has blossomed into a major global player in the consumer electronics market, currently servicing over 50 countries. PNY's wide array of computer, internet and telecommunications products are used by a number of Fortune 500 original equipment manufacturers (OEM) customers. In December 2011, the company moved into a massive manufacturing facility that once manufactured pharmaceutical products. Not only did the machines need to be upgraded or replaced, but the management team also wanted to deploy a state-of-the-art IP surveillance system to protect the company's inventory from theft, safeguard the warehouse's 500 employees and improve daily business and safety practices. PNY chose the Avigilon system because of the software's ease of use and the camera's image clarity stood out above other systems they viewed. "It was clear we had a security system that was outdated," said James Moretti, security manager at PNY. "It was slower than current systems, the clarity of images were not as clear and the playback was not fast. It was the complete opposite of the Avigilon system we have now."



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Improve Business Operations

From evaluating production on the assembly lines to assessing employee efficiency, the Avigilon system has been beneficial from a business operations standpoint. "We have really been able to use the system as a learning tool and a way to improve some of our protocols," Moretti said. "Reviewing footage has been a way for us to identify patterns or employees' daily habits. We can now adapt and adjust quickly if we see an area we need to improve in."



User-Friendly System

With a dozen people, with various levels of experience, using the Avigilon system at PNY, having a simple interface was imperative. “The ACC software is really easy to learn and get new users quickly up to speed on,” said Moretti, who also stated that investigations that previously took days to resolve are now taking minutes because of the playback features. “It is allowing my office to do their work quicker, in more detail and less time. It’s definitely going to save us money in the long run.” Adding on cameras to the system has also been a simple process. “From the feedback that I’ve been getting on the IT side, is that it’s very simple and to install – it’s literally plug and play,” Moretti said. “If I have a project, it’s a matter of running a few wires. In a day - sometimes less than a day - I have my [surveillance] systems up, programmed and their updating themselves through the network.”

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Remote Access

There have been several instances where ACC Mobile has been a convenient feature for Moretti, who periodically has to respond to alarm calls on weekends. “Just yesterday, the fire department was dispatched to our headquarters,” he said. “We weren’t open for business, so I used it to monitor the fire department’s activity while I was on the phone with them until I could get someone to the site.”

Image Clarity

The high resolution on Avigilon cameras is a huge step above other companies that PNY has deployed in the past, according to Moretti. “Our favorite camera is the PTZ camera that I just installed,” he said. “We installed a competitor’s camera a few months prior that was supposed to have the same dimensions and qualities. It was a night and day difference between the two. The PTZ’s ease of maneuvering, the zooming-in ability and just how clear the resolution is, is what really sets it apart from the rest.” The indisputable image quality has also been instrumental as a learning tool. “There have been a couple of accidents, some minor slip and falls, the recorded footage is helping us prevent those accidents in the future,” said Moretti. “Whether it is recorded or live footage, Avigilon is a tool that we use every single day for every aspect of our jobs.”

