

Visec Case Study

The High-Rise Building



Challenge Faced: A High rise office building has 24 existing cameras. Management wants to add 12 more cameras and also wants to upgrade the existing analogy security system. The existing system is old but a lot of money was invested in it.

Management has a limited budget and wants to reuse existing cameras. They will not allow trenching or major drilling for new equipment nor bear such high costs.

Visec Solution: Visec engineers utilized the existing 24 cameras and installed 12 additional IP Wireless Cameras. No drilling or cabling was involved. Visec mobile was also implemented, allowing the security guards to go mobile and monitor the security system via Tablets throughout the building.

Summary: A 50-story office building has only three security guards for the entire building. A dedicated security guard is required to monitor the existing analog surveillance system because of the extensive maintenance required.

This guard is required to keep an eye on the security system's monitors full time and replace the video tapes regularly. This tedious chore makes it very costly and difficult to locate and view old video. This system has been rendered almost useless.

The building's management company consulted Visec engineers on a solution to add 12 new cameras and replace the analog system. Since the building had previously undergone remodeling, management was adamantly opposed to any major drilling or trenching.

Visec engineers replaced the existing analog surveillance system with a 1 terabyte Visec DVR system capable of easily recording over 2 months of video at a time. Visec engineers were also able to utilize the building's existing 24 cameras.

Additionally, 12 new IP wireless cameras with an encrypted data stream were installed that were designed to work seamlessly with the Visec NVR Software. Visec License Plate Recognition (LPR) was installed at the building's entry to keep track of all cars entering and exiting. No messy or costly cabling, trenching or drilling was required.

Visec installed a point to multipoint wireless network that ensured adequate connectivity. With Visec, management was now able to eliminate cumbersome videotapes and use state of the art time stamped video. Management and Security are now able to watch both live and recorded video from anywhere in the world.

As soon as motion is detected, within certain perimeters of the building, the security guards are alerted. What was once a very restricted security guard presence has now been entirely transformed. Security guards are able to maintain a mobile presence with Visec Mobile embedded technology on foot, via a golf cart or near any location. Security guards are able to walk around the entire building yet have full video security surveillance on their Tablets.