CASE STUDY

High-speed, wireless surveillance solves the budget challenges for this 360 unit apartment complex in Decatur, Georgia.

Introduction

This apartment complex, located in Decatur, Georgia, had been recently acquired by a professional real estate investment company. They specialize in procuring and upgrading existing properties with the goal of providing the nicest property in specific cities or areas.

These apartments offer one and two bedroom units with a variety of amenities. This large apartment complex offers tennis courts, an outdoor pool, a controlled access gate and outdoor patios/ balconies.

The complex, while upscale to its neighbors, has had challenges with neighboring residents breeching fences, entering the property, vandalism and some crime against the residents.

TEN-66 was contacted to provide a video surveillance solution. Several other competitors were also contacted but were unable to provide a cost-effective, high quality solution. TEN-66 was.

The Challenge

Provide a high-performance multi-camera system across a large property - while not incurring the formidable cost of trenching and laying coaxial cable across the property for CCTV cameras.
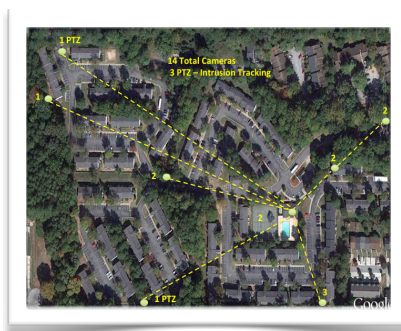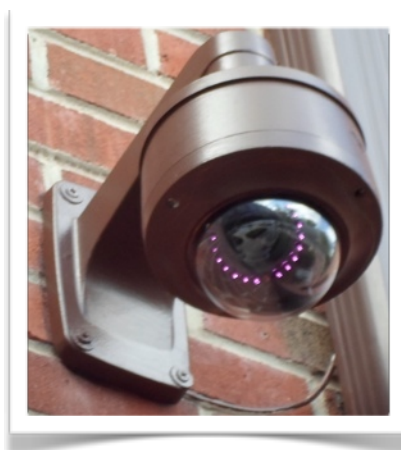
The Answer

Leverage state-of-the-art IP cameras and build a point-to-point and point-to-multipoint, high-speed wireless network for transmission of high-resolution video signals.

The Outcome

TEN-66's team of engineers designed a 16 camera system, including high-resolution pan-tilt-zoom cameras, vandal-proof cameras and wide-angle cameras to provide property-wide coverage with emphasis on areas that were prone to problems. The cameras are IP based and provide excellent low-light performance.

TEN-66's engineers then leveraged camera placement and the topology of the property to design a seamless, high-speed wireless network. Antennas and arrays were strategically placed across the property to provide line-of-sight, long distance network performance with blinding speeds.

Once hardware was tuned for video quality and transmission performance, the video control software was used to design zones in the property, non-entry borders and follow-me video - all supported by rules based notification.

Staff is now notified when an individual walks behind specific buildings, the camera follows the individual and continues to record until the person leaves. To maximize video-recording, the system was designed to enhance frame-per-second imaging when specific conditions were met.

Today, armed with this high-performance, state-of-the-art video surveillance system including remote monitoring via the internet or smart phones, management, on-sight facilities staff and property security can prevent incidents, respond more quickly to undesired events and support law enforcement efforts with high-quality video recording / playback of problems.

By leveraging the latest in wireless technology and high-quality IP cameras, TEN-66 was able to offer this customer a high-caliber video surveillance system at a price that met the customer's budget and did not include the expense of trenching and laying coaxial cable.

Bringing Advanced Computer Technology to Video Surveillance

Only a few things have changed in CCTV video surveillance technology in the last 30 years - clearer cameras, better lenses and less expensive cable. Now, with the advent of IP camera technology and digital recording, everything is changing.

Ask most video surveillance companies what they install and the answer will usually be: CCTV cameras, co-axial cable and a recorder - period.

Ask TEN-66 Surveillance Systems what we install and the answer is a bit different: IP Cameras with on-camera processing and amazing low-light performance, wireless communications, high-speed network switches and video management systems with advanced analytics. Today, IP based surveillance systems have the power to deliver unparalleled video quality with measurable return-on-investment.

TEN-66 brings today's most advanced technology to the video surveillance industry while the competition is still promoting old technology and expensive methods. When our competition can't solve a challenging installation, TEN-66 can.

TEN-66

TEN-66 attacks the security industry with an arsenal of security experts, access control systems, wireless, networking and advanced surveillance technology. The founders of the company, have been global executives at leading technology innovators including Compaq, Computer Associates and Xerox.

Innovation drives strategy at TEN-66. Leveraging the latest and best technology, our engineers are passionate about uniquely identifying security vulnerabilities, solving access control and surveillance challenges and delivering innovative, high-performance systems to our clients.

Identifying Vulnerabilities ● Controlling Access ● Recording Events

TEN-66™
Surveillance Systems