



Video Solutions for Security Professionals™

CASE STUDY



At a Glance:

Market:

Cities

Location:

Columbia, South Carolina

Application:

Surveillance cameras around the city to protect the public from crime

Case Study: City Fights Crime Using LTS IP Solutions

Introduction

The City of Columbia was looking to install cameras at 25 major intersections and 24 parks. The city's camera program was considered a "game changer" to help combat crime and collect forensic details. Since surveillance cameras proved to be effective by reducing crime in other cities, the city was determined to implement the cameras to track and catch criminals.

Challenge

This government project had many high level requirements to fulfill. It needed the ability for police to monitor surveillance in real time. They also needed high speed playback and hot swap capabilities. The system also needed a user friendly VMS to control. The city had a huge concern about the system being tampered with since it's happened before. Plus, with many busy streets to cover, the system as to record seamlessly 24/7 without any gaps.

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Solution

LTS implemented the simple solution. All 800 cameras were the Platinum Matrix IR Bullet IP Camera 1.3MP, CMIP3012-28. The cameras were connected to a total of 200 Platinum Tower 8 Channel Hot Swap NVRs through numerous PoE switches. Each hot swap tower NVR used two 4TB Western Digital surveillance grade hard drives needed for 24/7, 30 days recording. The use of the same cameras and fixed lens gave consistent quality video footages. The tower NVR is a compact and also vertical solution that showed the compact size was able to be discreetly hidden and not racked in server rooms where there was potential tampering. The NVR tower is also more secure with no buttons on the panel and a key to lock



Featured Products:

(LTN7608V-P4) Platinum 8 Channel NVR – Hot Swap

(CMIP3012-28) Platinum Matrix IR Bullet IP Camera 1.3MP

(DHWD40PUX) Western Digital Purple Surveillance Hard Drive – 4TB

Results

City staff was very pleased with the solution. After the job was completed, the city hired the installer for other jobs in which it was already looking to upgrade to a higher camera resolution. The staff found the NVMS7000 video management system to be user friendly. The video surveillance system was a success by helping record crime in action.

"Now officers will be able to monitor suspicious activity, gather investigative information on suspects, and corroborate or disprove information or someone's alibi in real time," Interim Chief Ruben Santiago said about the new video solution. "We want to stop crime as much as we can before it happens and catch a suspect more

quickly." "We want citizens to be safe and have a good time while in Columbia," said Carey Shealy, the installer. "The cameras are designed to be a crime deterrent and a crime-fighting tool for police."

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