

Pentegra Systems Client Spotlight - Security System

Riverwood Apartment Homes Lansing, IL



Client Profile

The Riverwood Apartment Homes are situated on 23 acres of beautiful wooded terrain adjacent to the Little Calumet River & Tinley Creek Forest Preserve. The Riverwood complex consists of 6 large, multi-tenant buildings with the leasing center and office in a separate building. Riverwood management wanted to add a CCTV security camera system that would provide security for residents and protection from vandalism. They wanted a system to monitor the corridors and entrances to each of the six resident buildings with the capability to control and monitor the system from the remote office building. Riverwood management did not want to go through the costly and time consuming process of trenching and burying cables to transmit the video so they called Pentegra Systems for a solution that would fit their security needs and their budget.

Main System Components

- Panasonic
 - Digital Video Recorder (DVR)
 - Vandal Proof Cameras
 - Super-Dynamic Cameras
- Premier Wireless
 - Wireless Directional Access Points
 - Wireless Omni Access Points
- Business PC Monitoring Station

Wireless CCTV Security Camera System



Pentegra Systems' Solution

Pentegra Systems designed a CCTV security system using the latest in surveillance, digital storage and wireless transmission technology. Upon detecting movement, the vandal proof Panasonic cameras transmit video to the Digital Video Recorder (DVR) located in a locked box in each building. Due to changing light conditions, super-dynamic cameras are used to monitor each entrance. The system uses Premier Wireless transmitters on each building to transmit video from the DVRs to an omni-directional wireless receiver on the office building. The digital video footage can then be viewed on a PC in the office. The wireless antennae are internally heated to prevent freezing during cold weather providing a reliable system throughout the cold winter months.

"The security system is a great selling feature for new residents and our existing tenants feel more secure. Pentegra provided the perfect system to meet our needs"

-Apartment Property Manager