

Connexion Uses Magnum 6K32Ts for Video Security & Communication Services in Condo Complexes

A GarrettCom Video Surveillance Brief

Residential Developments Today

In order to distinguish their residential communities from other nearby similar developments, homebuilders have increasingly begun to entice home and condo buyers with new options such as single-source high speed Internet, TV, telephone, and video surveillance for security. Recently, many Raleigh, NC Home Owner Associations (HOAs) turned to Connexion Technologies to provide this single source for services.

About Connexion

Connexion Technologies ("Connexion") owns and operates fiber optic networks primarily in new residential communities. Using private easements and long term contracts with HOAs, Connexion provides developers with a single solution for communications services and video security monitoring for 100% of the homes in each development.

The Challenge

Connexion turned to its network integrator, CSC Communication Supply Corporation in Raleigh. Connexion wanted CSC to provide a hardened managed switch to deliver high speed Internet and Video Security to its residential communities. The switch needed to have a high port count and be hardened enough to be mounted in an uncontrolled closet where temperatures can reach 130°F. CSC called in GarrettCom.

The Solution

GarrettCom had a variety of switches to meet CSC's needs. CSC chose the Magnum 6K32T. Offering up to 32 fiber and copper ports, the 6K32T provided the required ports. Constructed of rugged, high-strength metal, with a temperature rating of -40° to +140°F, the managed 6K32T switch met the "hardened" requirements.

CSC connected Axis IP cameras to the 6K32Ts to provide security monitoring at the entry points of the condo buildings. The 6K32T offered CSC a managed PoE option should AC power not be available. GarrettCom has also developed a new software technology, IGMP-L2, that allows the streams of video data to be efficiently managed using only Layer 2 Ethernet switches. This IGMP-L2 technology feature is available as a standard part of the MNS-6K software of all of the Magnum 6K switches.

About GarrettCom

GarrettCom is a leading designer and manufacturer of Ethernet products for industrial and outdoor markets such as factory floors, control rooms, power utilities and video surveillance. GarrettCom's focus has been on developing innovative, heavy-duty products that are designed with

customer flexibility, security, and reliability needs in mind. The products are designed with a variety of fiber ports--from multi-mode to single-mode, from standard SC, and ST connector types to small form factor type such as MTRJ and LC, from 10Mb to Gb speed. GarrettCom also offers power options on its products including 24VDC, -48VDC, 12VDC, 125VDC as well as AC. Many of the GarrettCom products are NEBS certified. Recently, GarrettCom developed a range of products based on the new Power Over Ethernet specification. To learn more about GarrettCom's range of hardened and innovative video surveillance products, visit www.GarrettCom.com/ip_video.htm

Connexion Home Video Security and Internet via Hardened GarrettCom Switches

