Connectivity Solutions in High-Density Video Surveillance

Advanced Connectivity Needs for Video Security

Security system companies need to leverage innovations in machine learning, AI, networking technology, and IoT sensors to develop cutting-edge video surveillance systems. Modern video surveillance systems need to allow for high gigabytes of data per device without throttling. They also need to offer always-on connectivity to gather and transmit real-time video.

The Challenge | Connection Speed, Security, and Reliability

In order to utilize these technological innovations and serve the surveillance needs of all different kinds of sites, security system companies need to ensure that their clients' systems have secure and reliable high-speed connectivity. Any solution offered must satisfy the connectivity requirements at all stationary components (e.g. surveillance towers), as well as offer back-end cloud infrastructure.

The Solution | Enhanced Communications for Video Surveillance

Cellular solutions from MCA enable security system companies to provide clients high-density video surveillance that performs real-time analysis and optimizes data transmission to the cloud. Devices like the Sierra Wireless AirLink RV55 router and solutions such as their Enhanced Carrier Connectivity enable hundreds of individual installations to connect to a cloud platform.

With installations managed on Sierra Wireless' AirVantage platform, security system companies who partner with MCA ensure that their clients have access to new technologies such as AI, machine learning, and mesh networking for their video surveillance data.

The Results | Zero Throttling, Low-Latency Connectivity

By utilizing Sierra Wireless Enhanced Carrier Connectivity along with other connectivity solutions like the AirLink RV55 and LMW302 antenna, companies selling enterprise-grade security systems are able to offer their clients high-density, high-throughput video surveillance. MCA gives these firms the ability to offer clients live-stream video with low latency and zero throttling from each of their security installations. Our solutions enable data ranges from 200GB to 500GB per month/device.

The Team | Device Provisioning, Activation and Installation Services

For over 30 years, MCA has provided expert connectivity solutions to public and private agencies in need of top-of-the-line connectivity devices and platforms to manage their surveillance systems. We provide top-tier support for all aspects of your business-critical connectivity projects. Our technicians and install teams assess your needs and engineer customized solutions to outfit your organization with the hardware and software to fit your exacting requirements.

Industry Profile

· Security Systems
· Video Surveillance

Technology Solutions

· AirLink® RV55
· Mobile Mark LMW302
· Enhanced Carrier Connectivity
· Smart Connectivity
· AirVantage IoT

Targeted Results

· Low-Latency Streaming
· High-Density Capabilities
· No Bandwidth Throttling
· Remote Management

Back Office   LMW302

AirLink RV55   NEMA Box

CONTACT US TODAY TO GET YOUR SURVEILLANCE SYSTEMS CONNECTED

www.callmc.com • 800-577-3678 • info@callmc.com