

## AirGuard™ Wireless Applications

### 3e-525V-3 / 3e-528Q Wireless Video Servers

# Wireless Video Surveillance

#### Virtual Presence

World events have increased the need for video surveillance — whether for industrial, government, military, enterprise or law enforcement use — to monitor borders, buildings, highways and interstates, production lines or catastrophic occurrences. With AirGuard wireless video servers, you can meet the demands and requirements for video solutions that must be rapidly deployable, adaptable and adjustable to very dynamic — and often hostile — environments.

AirGuard video servers can satisfy these requirements while enabling the inclusion of other IP-centric devices to form integrated and seamless sensor, analysis and response systems. They provide the means for 360-degree situational awareness and virtual presence almost anywhere, with minimal staff.

In addition, AirGuard wireless configurations enable local access hot spots based on IEEE 802.11 technology at each video server, providing mobile networking and information access to authorized personnel.

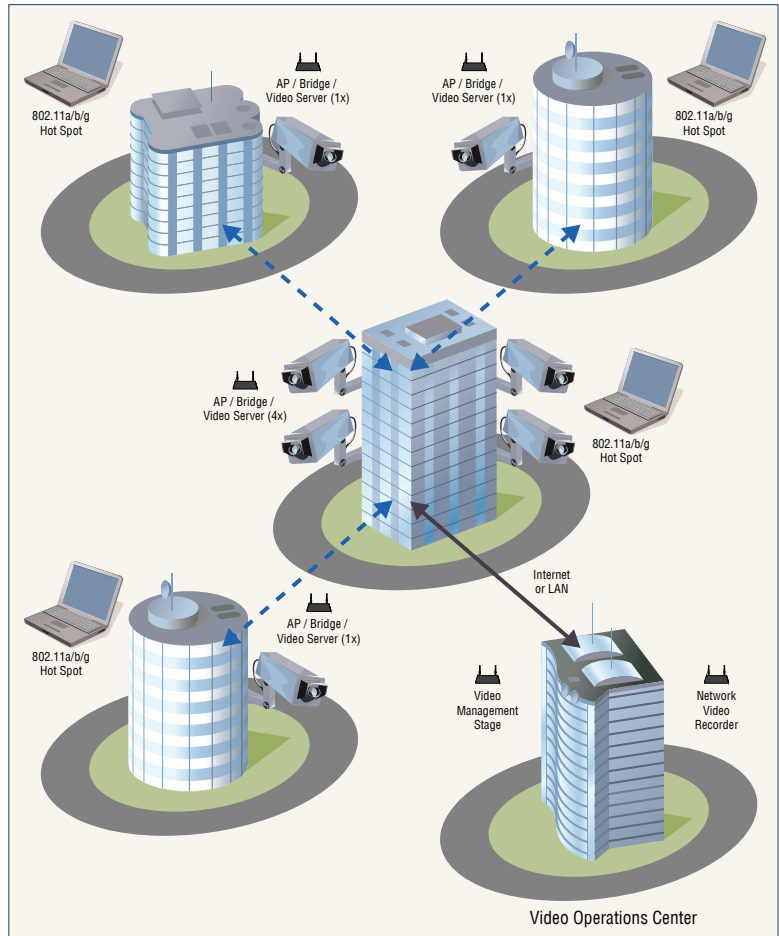
#### Secure and Cost Effective

An AirGuard video solution employs state-of-the-art secure wireless technology that can be distributed across the wireless enterprise — without expensive Virtual Private Network (VPN) devices. Unlike other wireless solutions that are known to have flawed security, 3eTI's AirGuard video servers feature FIPS 140-2 Validated™ security.

AirGuard wireless video servers are compatible with all major industry analog / digital video devices. Flexible and innovative, these AirGuard products can be permanently, semi-permanently or temporarily configured, based on individual needs. To complete wireless bridging, simply select the mounting locations, hook up the cameras and AirGuard video server and aim the antennas.

#### Flexibility of Use

AirGuard wireless video servers enable scalable bridged networks that grow along with security needs and easily



Four radio solution for video LAN and multi-port bridging.

integrate with other TCP- / IP-based security systems. They provide wireless hot spots for faster response and offer broad data distribution and network access. Accessible and easy viewing of live and stored video images is quick and simple with mobile 802.11-enabled devices.

AirGuard wireless video servers are cost effective and faster to install than wired networks. They eliminate hardware infrastructure additions and access restrictions while saving time, money and labor.

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### Capabilities

AirGuard video solutions enhance security, improve safety, detect threats and can help lower crime rates.

Typical critical infrastructure targets include:

- Municipal buildings and complexes
- Transportation centers — airports, rail and seaports
- Bridges / tunnels
- Arenas and convention centers
- Public events
- Power grids
- Water systems / facilities

### Broad, Expandable Coverage

AirGuard wireless video servers are modular and expandable. One-camera servers can be used in combination with four-camera servers to meet particular coverage requirements. Once a wireless surveillance network is designed, it can be configured and installed in a fraction of the time required for wired networks.

With wireless bridging, you will reach locations normally inaccessible to wired networks while providing superior remote surveillance capabilities. Additionally, broad hot spot access is enabled across the surveillance network, well beyond the wired LAN.

### Benefits

- Expanded around-the-clock monitoring of key locations, vital processes and events
- Improved security
- Requires fewer field staff
- Flexible and easy to install
- Cost-effective solution versus cable
- 11 / 54 / 108 Mbps local access and wireless bridging
- Compatible with IP-centric sensors
- Secure, military-proven solution
- Scalable solutions with built-in security

The AirGuard surveillance solution revolves around a three-tier configuration, which is an inherently modular and expandable wireless infrastructure that enables flexible deployments. The first tier consists of cameras and other sensors. The second tier is comprised of highly secure FIPS 140-2 Validated™ AirGuard wireless infrastructure and video servers. The third tier is the video management system, which manages the cameras, images and other sensor information from within a command and control center.

### Video Management

3eTI recommends integrating AirGuard video servers with FirstView™ video systems from Smith Detection-LiveWave, Inc. as a video management system. FirstView's video solutions — which include video control, management, storage and retrieval — are ideal for supporting a video command and control center.

FirstView enterprise servers support high-demand video and distribution. This delivery method solves the bottleneck issue on far-end encoders / servers, which simply stream data to FirstView enterprise servers for replication. Server configuration, as well as user and network management, are handled with LiveWave's secure, browser-based software.



*AirGuard 3e-525V-3 video server*

FIPS 140-2 Validated™ is a Certification Mark of NIST, which does not imply product endorsement by NIST, the U.S. or Canadian government.