

AirGuard™ Wireless Applications

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

Expanding Homeland Security

Safeguarding People and Property

Government and industry need rapid access to information to safeguard vital infrastructure. 3eTI provides world-class wireless infrastructure for critical applications, such as video surveillance with mobile hot spots and built-in security. These solutions vastly improve our insight into what is happening, when it is occurring, to (or by) whom, where and why. This knowledge is essential in making decisions to protect personnel, thwart terrorism and improve operations.

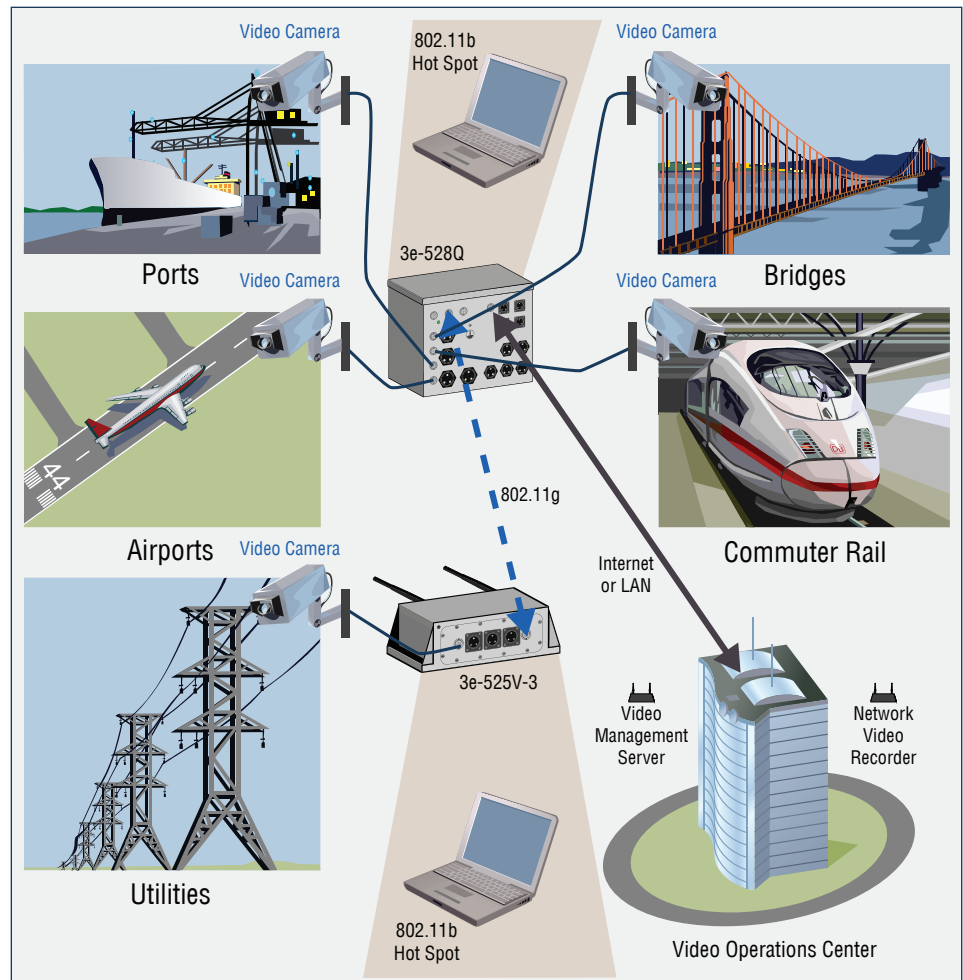
Enhanced Security

Wireless infrastructure is ideal for protecting cities, military bases, utility complexes, transportation centers, and office parks. It meets the needs for event detection, preparedness, prevention, protection, response and — when necessary — recovery. Wireless infrastructure enhances security by establishing a far-reaching, integrated early warning system to protect vital resources and staff.

An array of video cameras networked by AirGuard wireless video servers can be deployed as components of a wireless alert system. Emergency support personnel can see what is happening, where it is occurring, and respond in real time. Mobile wireless access expands information acquisition and management capabilities — it enables the saving of lives while mitigating property and critical infrastructure losses.

Wireless ... the Key Component

3eTI has established such a wireless security solution. The military bases at



3eTI's wireless video servers can be configured to monitor critical infrastructure.

which the solution is deployed are a microcosm of a typical community with hundreds of buildings, public works facilities, fire and police forces, and thousands of daily citizens and commuters. The solution is designed for monitoring, surveillance, alert, and control and command communications using myriad sensors.

Virtual Monitoring

The solution — a Virtual Perimeter Monitoring System™ — is comprised of AirGuard 3e-525 and 3e-528 series wireless video servers, providing high-speed 54 or 108 Mbps wireless bridging / repeating, as well as 11 / 54 / 108 Mbps WLAN hot spot connectivity. It

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uses the latest in government-approved encryption technology combined with remote controlled, high-sensitivity cameras and other IP-based sensors.

Wireless hot spots are propagated at each AirGuard video server's location and provide mobile access and control of surveillance video as well as access to the wired LAN. Wireless bridging links all video cameras and provides extended coverage to the furthest reaches of the base boundaries and to key surveillance areas.

State-of-the-Art Security

AirGuard infrastructure solutions employ Department of Defense-approved, military-spec, rugged access points (APs) with built-in security suitable for harsh environments and extreme temperatures. AirGuard FIPS 140-2 Validated™ APs and crypto modules deliver hardened security with advanced encryption. The NIST-approved, 256-bit AES encryption can be further strengthened with JITC-certified DoD Public Key Infrastructure (PKI) and Common Access Cards (CACs). In addition, 3eTI's dynamic user key solution can provide additional levels of wireless network security.

Legacy Systems Integration

In homeland security solutions, 3eTI's hardware and middleware are designed to leverage existing infrastructures

as well as integrate with legacy systems. Existing infrastructures can be enhanced with an area-wide monitoring network coupled with Geographic Information System (GIS) maps and floor plans, assisting control of multiple video and sensor networks, electronic devices, and Supervisory Control and Data Acquisition (SCADA) networks. Such an integrated security solution can centrally monitor and control a broad range of facilities and equipment.

AirGuard wireless solutions offer the best flexibility when designed into multifaceted networks. With them you can start small and incrementally grow as labor, design, materials and maintenance costs are minimized.

AirGuard wireless solutions offer the invaluable advantage of mobile access to vital information where and when it is needed, while still delivering broad coverage with high data throughput and built-in security.

These homeland security solutions are ideal for all communities, office complexes, universities, medical facilities, power facilities, water and sewage plants, and other infrastructure. They can provide expansive video surveillance while delivering secure, high-speed, wireless data networking throughout the community.

Benefits

- Real-time video surveillance
- Improved protection
- Mobile hot spot deployment
- One- to four-camera input and control
- Secure AES encryption
- Low cost, easy deployment
- 11 / 54 / 108 Mbps wireless access
- 54 / 108 Mbps wireless bridging
- Rugged weather-proof case
- DoD proven, built to Mil Specs



AirGuard 3e-528Q

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