



# Secure Wireless

Certified secure wireless integration & communications

For over 20 years 3eTI's **WiFiProtect** certified secure wireless networks have offered a portfolio of robust, military-grade, secure mesh network devices optimized for rugged-outdoor, enterprise, and industrial automation and control environments. We are a market leader in secure WiFi and WPAN networks and the industry's first to attain independent validation and certification that offers FIPS 140-2 and Common Criteria EAL 4 levels of security approved for use by the US government. Choosing devices that integrate certified comprehensive encryption and authentication technology ensures the confidentiality, integrity and availability of sensor and network data.

A high performance portfolio of secure 802.11 wireless mesh devices relied upon by military and industrial applications for continual connectivity and optimal security at all times.

# Robust wireless mesh networks that meet military requirements



## MESH NETWORKS

WiFiProtect mesh networks offer a high performance portfolio of FIPS validated secure wireless mesh devices relied upon by military and industrial applications for continual connectivity and optimal security. 3eTI's mesh networks offer uncompromised voice, video, and data communications in stringent and hard to reach environments, reducing overhead and deployment costs without compromising fail-safe security levels.

Ideally suited to support a vast range of network topographies and dynamic tactical network applications, WiFiProtect products can be configured as a mesh node, bridge, access point or client capable of simultaneously communicating with IP-based devices such as transmitters, laptops, outdoor IP cameras, radio-frequency identification (RFID) readers or sensors.

**WiFiProtect Access Point** is a robust 802.11n wireless connectivity device that combines superior performance with interoperable, backward-compatible, next-generation WiFi technology.

**WiFiProtect Gateway** is a high-performance 802.11 a/g/n multi-radio secure wireless mesh node with link rates of up to 300 Mbps that supports the growing demand for streaming media and advanced applications.

Federally assured to meet security mandates, WiFiProtect mesh network solutions are highly credentialed offering, IEEE 802.11 standard compliance, Common Criteria EAL Level 4 certification, and FIPS validation and are NSA Suite B upgradable. WiFiProtect Access Point and Gateway provide a range of security options to accommodate the stringent and wide spectrum of Information Assurance (IA) requirements.

# SENSOR NETWORKS

WiFiProtect provides a scalable wireless network that integrates with metering technology for advanced metering device management and multi-device modes. The WiFiProtect AMI Appliance incorporates bridging, access points for clients, mesh networking, secure encryption and rugged infrastructure design that protects from tampering and exposure to the weather by mounting the equipment inside a weather-tight, lockable enclosure. It should also support VLANs allowing for multiple users with varying levels of authorization and applied security policies, and PoE reduced installation cost and expedited implementation.

**WiFiProtect Advanced Metering Infrastructure (AMI)** is a smart-grid mesh solution that provides built-in cybersecurity for automated industrial monitoring. It is a scalable wireless network that integrates with metering technology. Multi-mode access points that are secure and wireless enable interconnection of building-level, advanced metering. It supports VLANs, allowing for multiple users with varying levels of authorization. It accommodates a wide range of security policies and installs easily for expedited implementation. It is designed for mounting to a wall or other surface near the meter being monitored. It can be mounted indoors or outdoors.

# INTRUSION DETECTION

Assuring the integrity of your wireless assets requires a strong and layered security posture. **WiFiProtect IDS** from 3eTI works seamlessly across your wireless network to detect rogue devices, enforce policies and ensure regulatory compliance. Automated tools for threat mitigation and policy enforcement allow for real-time response to risks.

Robust and proven wireless cybersecurity defends facility and base operations. WiFiProtect IDS (Intrusion Detection System) affords maximum flexibility while accommodating a vast range of network topographies and applications.

Continuous connectivity and optimal security are assured without the need for costly cabling to deliver uncompromised voice, video and data communications. Overhead and deployment costs are dramatically reduced with no compromise to security or performance.



## WiFiProtect Solutions

- **WiFiProtect** Access Point
- **WiFiProtect** Gateway
- **WiFiProtect** WIDS
- **WiFiProtect** Manager
- **WiFiProtect** 900

## Multi-market fit

### Commercial

Easy to use and cost effective, able to operate undetected, and uses passive network monitoring.

### Government

Designed for 100% reliability, FIPS 140-2 validated cryptography meets WIDS requirements

### OEM

Technology readily adapts to, and complements existing solutions

# ENABLING MISSION SUCCESS

3eTI delivers efficient, effective and secure base operations utilizing mature and available technologies. The solution reduces operational costs while maximizing available resources and budget to allow for expansion as base security, infrastructure and communications requirements change. Our security services allow commanders to focus on their mission success as it ensures unsurpassed base security, essential services support and robust, secure operational communications.

- » Increases operational efficiencies
- » Maximizes resources and budget
- » Allows for expansion and adaptability
- » Frees commanders to focus on mission
- » Ensures failsafe base and network security



**CyberFence**



**VirtualFence**



**WiFiProtect**



**UltraServices**



# 3eTI