

Expand your alarm monitoring business with

**PROVEN**  
**MESH**  
**TECHNOLOGY**



# Expand Your Alarm Monitoring Business, Quickly and Profitably

Companies that want to expand their alarm monitoring business can't afford to keep giving away Recurring Monthly Revenue (RMR), spend time triaging unreliable communication networks, or devoting resources to replace obsolete technologies. That's why so many alarm dealers and central stations are turning to AES Corporation.

AES-*IntelliNet*® patented technology delivers the quickest response time, long-range scalability, and superior reliability. AES solutions offer easy deployment, network expansion, and network management with the most stable alarm communication technology available. With AES products and services, it's never been easier to grow a more profitable operation.

## Turn AES-*IntelliNet* into Your Competitive Advantage

AES-*IntelliNet* private wireless mesh radio networks are owner operated and controlled. Partnering with AES and leveraging 40 years of security expertise allows you to differentiate and expand your business with world-class life safety, property and asset protection services.

### High RMR and low total cost of ownership.

AES-*IntelliNet* network systems are fast and easy to install, maintain and expand. Because subscriber installations don't depend on fee-based communications infrastructures, you are freed from those recurring monthly costs and the high operating expenses that result from obsolescence and replacement truck rolls. Instead, you can focus on new RMR and adding incremental services.

### Highly reliable, fast communications.

Service interruptions that are inherent with traditional communications systems, such as weather, outages, catastrophes and maintenance, don't exist with AES. AES eliminates the chance of single-point-of-failure with self-healing and uses automatic re-routing to ensure the quickest transmission.

# AES-IntelliNet<sup>®</sup> in Action

Originally developed for rigorous military installations, AES-IntelliNet patented mesh radio technology was designed for alarm communications. AES products have been tested to the highest industry standards, meeting NFPA compliance requirements and earning UL listings.

The AES-IntelliNet system includes smart subscriber units, which act as receiver, transmitter and repeater. Each alarm site is linked to the network by this smart device. The network allows individual subscribers to use other subscriber units to relay alarm messages to the central receiver. Multiple pathways mean multiple redundancies so alarm signals consistently get through, and smart-routing ensures they follow the shortest route. To grow your network, simply add transceivers and an IP Link.

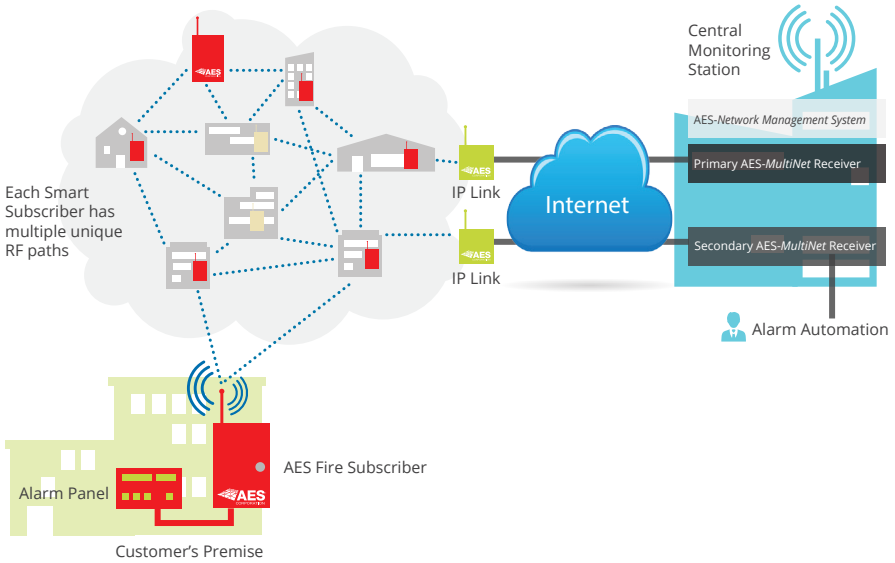
## **Non-sunsetting technology.**

Changing-out obsolete 2G/3G cellular technologies or fixing signal issues due to customers switching from POTS to VoIP is not only a hassle for your business—it's inconvenient and potentially unsafe for customers who experience service disruptions. With AES-IntelliNet, these issues never come up because our technologies never sunset.

## **Scalability and reach.**

AES-IntelliNet scales up to thousands of nodes over long distances and large geographical areas. Now you can service customers who would be out of range for other technologies.

# AES-IntelliNet<sup>®</sup> Private Wireless Mesh Network



Jeff Kahn, *General Manager*  
Wayne Alarm Systems

"We don't depend on anyone else or pay anyone fees for use of the AES network. It's ours and we, alone, are accountable for it. AES-IntelliNet enables better RMR than anything on the market."

# AES Offerings at a Glance

## **Burglary Monitoring**

The AES-*IntelliNet*® line of Burglary transceivers and AES-*IntelliPro* accessories are ideal for commercial security applications giving customers safety, security, speed, and reliability.

## **Fire Monitoring**

A fire can double in size and intensity every 30 seconds. Making alarm communications faster, AES-*IntelliNet* provides the quickest response possible transmitting alarm signals in just 1-3 seconds compared to 4-6 seconds for Internet or up to 45 seconds for telephone and cellular technologies. AES Fire products include code compliant Smart Subscribers, AES-*IntelliPro* Fire™ Series accessories, and Local Annunciators.

## **Interactive Services**

AES SiteLink24® Interactive Security Services combine the best of both worlds, AES-*IntelliNet* mesh radio technology for delivery of alarm and other critical signals plus interactive services delivered via high speed internet. The result is the highest reliability for critical event signal delivery, enabling customers to remotely arm and disarm their systems from any smartphone or personal computer with internet access.

## **Central Station Receivers**

The AES-*MultiNet* system is UL listed and NFPA compliant consisting of (2) Central Station Receivers and (2) IP Links, designed to support multiple AES-*IntelliNet* wireless mesh networks from one Central Monitoring Station.

## **Implementation Tools**

The AES Network Connectivity Tool (NCT) and AES Configuration and Diagnostic Tool (CDT) speed deployment and support of your AES-*IntelliNet* network, making it easy to expand operations. The NCT validates locations for subscriber units in less than 30 seconds, while the CDT enables users to accelerate field and in-house pre-configuration setups for quick updates and parameter modifications.

## **Start-Up Services**

AES-*IntelliStart* bundled services and product offerings help you to get up and running on AES-*IntelliNet* in one week or less. Rapidly build, optimize, and scale your network by choosing the AES-*IntelliStart* package that's right for your business: Central Station Starter Network, IP Link Starter, or Disaster Recovery.

## **Network Management**

The powerful AES-*Network Management System* (NMS) is a complete end-to-end AES-*IntelliNet* mesh radio network monitoring and management platform. NMS provides a real-time view through browser based Intelligent Dashboards, interactive Visualization using Google Earth, and configurable Notification alerts 24/7. With a versatile software design, NMS is easy to deploy and use. Installation of NMS is a simple and fast out-of-the-box implementation.

## AES-IntelliNet meets the following compliance standards:

- NFPA 72 Compliant
- NTIA Standards for Narrowband Compliance
- UL Standard 864 – Edition 9
- UL Standard 1610
- UL Standard 2017
- ULC Standard S559
- UL Standard 609
- UL Standard 827
- UL Standard 681
- UL Standard 365
- CSFM – California State Fire Marshal

Scott Haynes, *President*  
Seacoast Security

“We’re very excited about using the NCT to drive business forward. By giving us an instantaneous read on signal strength, it frees us to focus on selling more alarm services.”



### About AES Corporation

AES Corporation is the leading manufacturer of code compliant wireless alarm communication products and solutions serving commercial security markets and government agencies worldwide. **AES-IntelliNet®** patented technology will never sunset compared to obsoleting technologies such as cellular and traditional phone lines. AES private mesh radio networks are owner operated and controlled, providing infinite scalability and superior reliability with the fastest transmission speed available. Over a half million AES Smart Subscribers are installed worldwide. AES is the clear choice for life safety and security, protecting people and property for over 40 years. For more information, please visit [www.aes-corp.com](http://www.aes-corp.com).

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