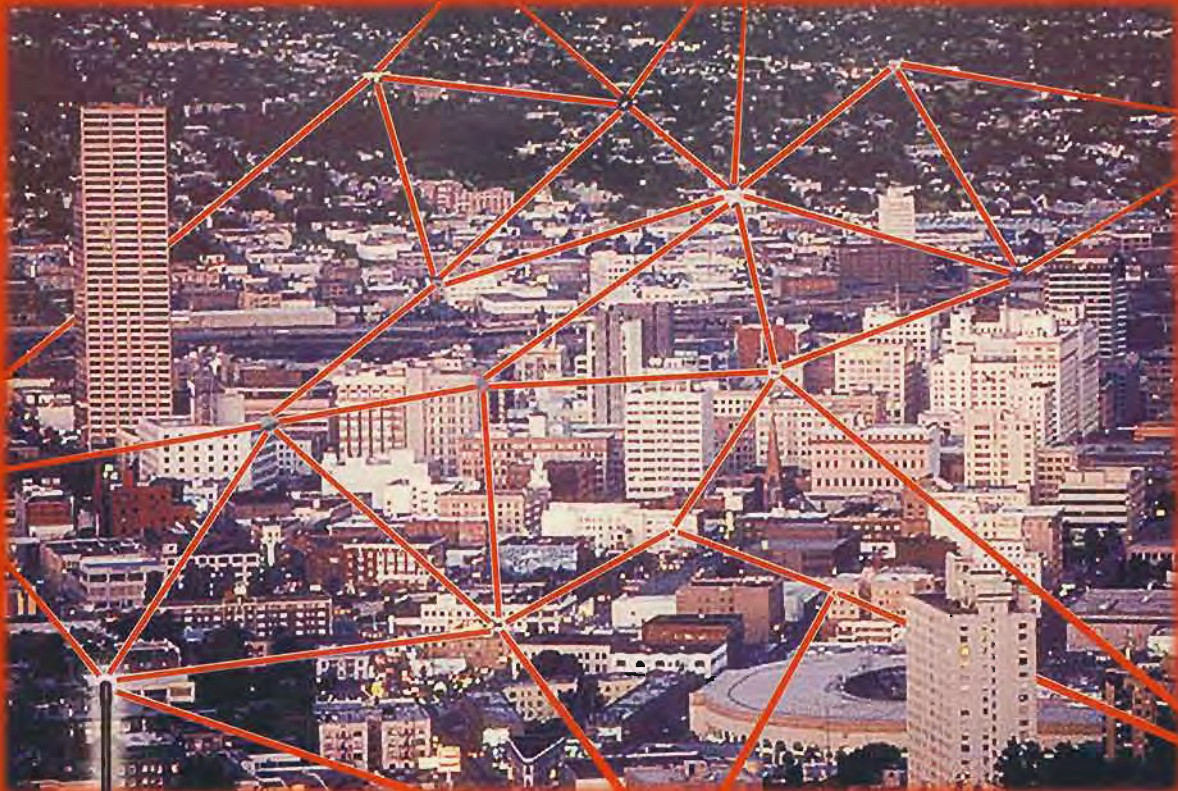


AES IntelliNet[®]



If you could see an AES•IntelliNet System,
its rugged multi-routing structure would look like this.



SMART

Long Range Radio

Data Network for

Alarm Reporting



This operator-owned, adaptive wireless system is an independent data communications network. It provides central alarm reporting and a wide range of opportunities.

Key Benefits

- ⚡ **Every Transceiver is a Repeater!**
- ⚡ **2-Way-All-the-Way**
- ⚡ **Redundant Paths**
- ⚡ **Network Expands to Cover Thousands of Square Miles**
- ⚡ **Replaces Phone Lines**
- ⚡ **Operator Owned**
- ⚡ **Self-Routing**

The owner-operated AES•IntelliNet is a cost effective alternative to public communications systems, both wired and wireless, as a primary means of alarm transmission.

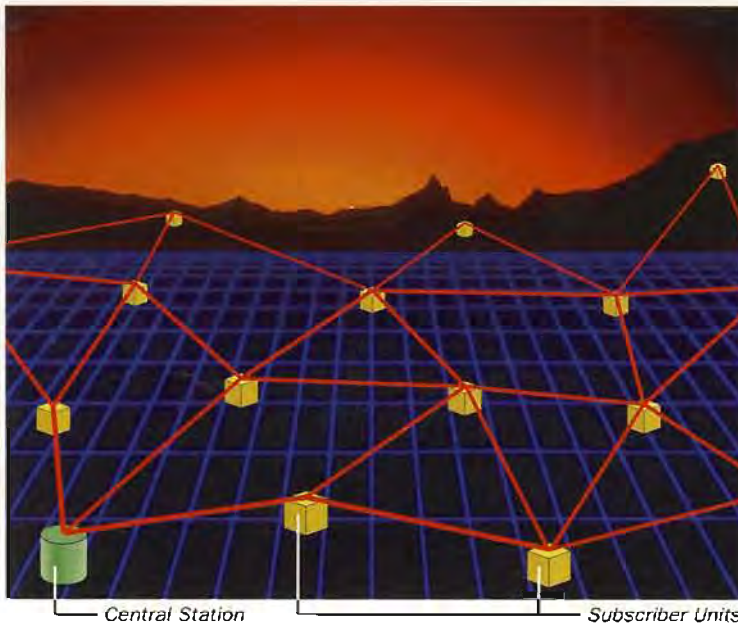
The patented AES technology provides redundancy, adaptability and reliability not available in traditional radio systems which use expensive repeaters and unreliable "critical path" routing.

Instead of repeater sites with recurring costs,

AES subscriber sites generate recurring revenues.

How It Works

The new AES system is a data network, made up of 2-way communicators. Each alarm site is linked to the network by a "smart" subscriber unit – an intelligent device that is both a transceiver and a repeater.



In the AES•IntelliNet system every subscriber unit is both a transceiver and a repeater. The system's redundant routing capacity lets distant subscribers use other units to relay their messages to the central station.

Alarm signals are sent through the network to the central station. A signal is transmitted directly to the central receiver if the subscriber unit is within radio range, or is relayed through one or more smart transceivers. Signals always follow the shortest, most reliable route available.

Redundant routes enhance reliability and reduce the need for costly repeaters. Redundancy is a key feature of the network. From any given transceiver, there are many different routes the alarm message can take. If a message cannot be sent by one route, the intelligent transceiver automatically selects the next best route. This dynamic process is ongoing at every subscriber site.

Network intelligence is distributed. Smart transceivers dynamically adapt themselves to changes in the network, continually optimizing the system.

Every messages is authenticated and acknowledged. The 2-way transceivers check in constantly. If a unit fails to check in, the central station alerts the operator who can assess problems from the console.

Addressable communications, both inbound and outbound. Control data, programming commands and text messages can be sent between central station and subscribers.

Compatibility. AES transceivers connect to virtually all alarm panels. The central receiver interfaces with all major central station automation software.

"Smart" Subscriber Units for Every Application

Every AES RF Subscriber Unit is a transceiver *and* a repeater. This smart communicator is compatible with all types of alarm equipment, with a wide range of modular add-ons.



Comprehensive Central Receivers integrate with all types of central stations



The AES • *IntelliNet* Central Station is available in a range of configurations, acting as the sophisticated hub of the wireless data network and a platform for many expanded capabilities.

And More...

The Concentrator

Monitors alarms by radio at the local level, and forwards the signals by phone line to virtually any monitoring service, anywhere.

Re-Transmission Capability

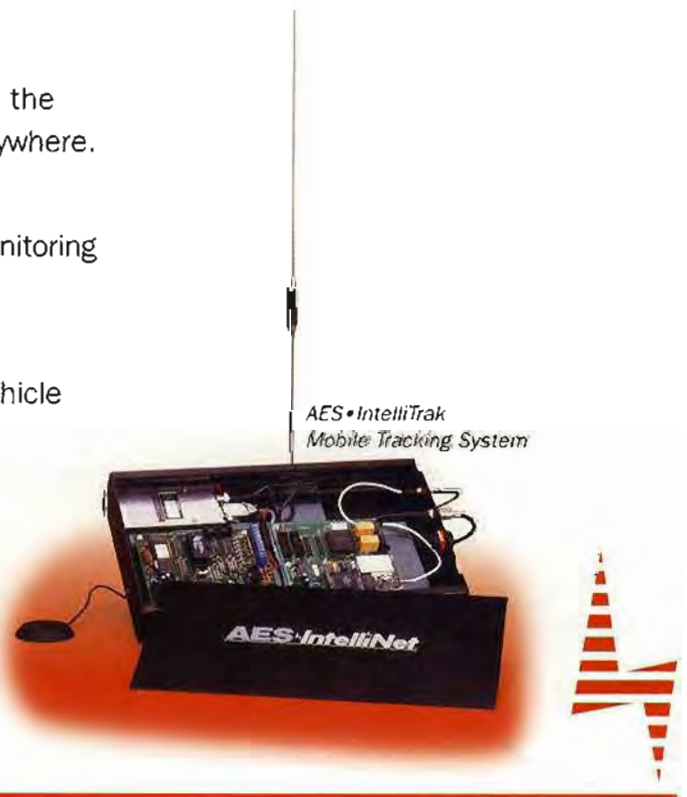
Signals can be sent over the radio network to secondary monitoring sites such as fire and police stations.

Vehicle Tracking / Mobile Data Links

The 2-Way AES • *IntelliNet* system provides a network for vehicle tracking (using GPS technology) and data communications with mobile assets.

Home Arrest Monitoring

AES-IntellArrest is an in-home monitoring system that provides the criminal justice system with an alternative to incarceration - and extended business opportunities for alarm monitoring companies.



Benefits Overview

⚡ You Own the System

- ✓ No Monthly Costs
- ✓ No Partners
- ✓ No Costly Repeaters

...Every Transceiver is also a Repeater

⚡ Maximize the Value of Your Business

⚡ High Reliability

- ✓ 2-Way
- ✓ Multiple Path
- ✓ Self-Routing

⚡ Fast, Easy Installation

Many Other Applications

⚡ Central Alarm Reporting

⚡ Access Control

⚡ Construction Sites

⚡ Mobile Data Communications / Vehicle Location

⚡ Proprietary & Commercial Systems

⚡ Campus Security

⚡ Oil Fields and Pipelines

About AES Corporation . . .

Established in 1974, AES Corporation manufactures protective systems for a broad range of applications. Over 20,000 AES systems have been installed around the world. The AES•*IntelliNet* System was first developed to serve the demanding needs of diplomats and executives living in remote, high risk areas. This same rugged equipment has evolved into a reliable, easy-to-install system unequalled in the industry.

To Learn More Call: 800-AES-NETS
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