

# IntelliNet 2.0

## A Newer, Smarter Alarm Communications Platform

### Overview

AES Corporation launched the revolutionary **IntelliNet 2.0** in 2017, the next generation of AES global alarm communication solutions. *IntelliNet 2.0* provides enhanced mesh radio technology with advanced security protection.

*"This is an exciting time for AES, which is rolling out strategic efforts to take the business to the next level and expand our security solution offerings through customer-driven innovation and service. The 2.0 line is just one of many ways we can help our customer partners grow their alarm monitoring business."*

- Patrick Moran, President & COO, AES Corporation

### A Game Changer!

*IntelliNet 2.0* brings alarm dealers and central stations the next generation of AES global alarm communication solutions, developed with easier installation and integration in mind. Our Engineering design team incorporated many of the features our customers have been asking for — such as additional knockouts for easier wiring, LEDs for a quick view of Power and Trouble status, and also a backlit LCD display that provides an instant visual of subscriber status on the front panel so field technicians can quickly assess whether or not the unit is functioning properly. *IntelliNet 2.0* Fire and Burglary subscriber units also come with flexible configuration and power options, the robust Multiple Communication Technologies (MCT) feature, and a virtual keypad for remote programming of the alarm panel. AES products have been rigorously tested to the highest industry certification standards, meeting NFPA code compliance requirements and earning UL & ULC listings.



To find out more about how AES can help your alarm monitoring business grow, call **(800) 237-6387** or visit [aes-corp.com/IntelliNet2.0](https://aes-corp.com/IntelliNet2.0)

# Newer. Smarter. With all the functionality of AES legacy systems.

FEATURE HIGHLIGHTS	Legacy Fire Models			IntelliNet 2.0 Premium Fire Models	
	7788F/ 7744F	7788F-ULP/ 7744F-ULP	7788F-ULP-P/ 7744F-ULP-P	7707P-88-M/ 7707P-44-M	7707P-88-ULP-M/ 7707P-44-ULP-M
UL & ULC Listed and NFPA Code Compliant	✓	✓	✓	✓	✓
Direct reporting to AES receiver across <i>IntelliNet</i> mesh radio network	✓	✓	✓	✓	✓
Each Subscriber acts as transmitter/receiver/repeater	✓	✓	✓	✓	✓
Simple and fast activation on network	✓	✓	✓	✓	✓
Programming via AES handheld programmer	✓	✓	✓	No Longer Required	No Longer Required
Rugged metal housing ideal for any commercial fire alarm application	✓	✓	✓	✓	✓
Ideal replacement for Plain Old Telephone System (POTS) lines	✓	✓	✓	✓	✓
Flexible options for new or existing installations	✓	✓	✓	✓	✓
Onboard status LEDs	Inside Case	Inside Case	Inside Case	New Front Panel LEDs	New Front Panel LEDs
8 Zones, 8 Supervised Zones or 4 Zones, 4 Supervised Zones option	✓	✓	✓	✓	✓
With AES- <i>IntelliPro</i> Full Data Module Add-On Accessory		Refer to 7794	Refer to 7794		Refer to 7794A
No relay required			✓		
With 7762 Hardware Supervisory Module Add-On Accessory			✓		
With Standalone Local Annunciator Add-On Accessory			✓		
Multiple Communication Technologies (MCT) feature provides dual communication transport from Customer premise to the CMS and 5 modes of operation				✓	✓
With integrated onboard Local Annunciator for fire applications				✓	✓
Secure Dealer Codes to safeguard critical data				✓	✓
Provides instant subscriber status via front panel Power and Trouble LEDs, backlit LCD display and Menu/Silence button				✓	✓
Improves functionality with an adaptive Graphic User Interface (GUI) for programming via smartphones, tablet and PCs				✓	✓
Leverages state-of-the-art technology				✓	✓
Applies advanced security protection				✓	✓
Offers flexible power and configuration options				✓	✓
Engineered for backward compatibility with legacy systems				✓	✓
Enables future ready capabilities for technology advances				✓	✓



FEATURE HIGHLIGHTS	Legacy Burglary Models		IntelliNet 2.0 Premium Burglary Models	
	7058E	7058E-P	7007P-M	7007P-ULP-M
ETL Listed	✓	✓	✓	✓
Direct reporting to AES receiver across <i>IntelliNet</i> mesh radio network	✓	✓	✓	✓
Each Subscriber acts as transmitter/receiver/repeater	✓	✓	✓	✓
Simple and fast activation on network	✓	✓	✓	✓
Programming via AES handheld programmer	✓	✓	No Longer Required	No Longer Required
Rugged UL recognized housing ideal for any commercial or residential security alarm application	Metal Case	Metal Case	New Polymer Case	New Polymer Case
Ideal replacement for Plain Old Telephone System (POTS) lines	✓	✓	✓	✓
On board status LEDs for easy set up	Inside Case	Inside Case	Front Panel LEDs	Front Panel LEDs
8 Onboard Programmable Zone Inputs, 8 Supervised Zones or 4 Zones, 4 Supervised Zones option	✓	✓	4 individually programmable E.O.L. Type Zone Inputs	4 individually programmable E.O.L. Type Zone Inputs
Offers cost free supervised operation	✓	✓	✓	✓
With 7094 AES- <i>IntelliPro</i> Full Data Module Add-On Accessory		Refer to 7094		Refer to 7094A
UL 985, UL 1023, UL 365, UL 1610 Certifications	Tested to UL 2017 only	Tested to UL 2017 only	✓	✓
Advanced panel programming for configuration Upload and Download capability via Honeywell Compass 2.0			✓	✓
Multiple Communication Technologies (MCT) feature provides dual communication transport from Customer premise to the CMS and 5 modes of operation			✓	✓
Virtual keypad emulation for remote programming of the alarm panel to arm and disarm			✓	✓
Offers flexible options for powering from dedicated power or auxiliary security alarm panel			✓	✓
Capable of utilizing Internet connection for installations requiring secondary alarm path and dual reporting of alarm signals			✓	✓
Compatible for alarm delivery utilizing the Honeywell ECP bus and Digital Security Controls (DSC) keypad bus			✓	✓
Quick and intuitive configuration using adaptive Graphic User Interface (GUI) via a smartphone, tablet, laptop or PC			✓	✓
Hardware and Software Ready to interface with a security alarm panel via high speed serial and/or IP interfaces			✓	✓
Integrated onboard Local Annunciator for security applications			✓	✓
Secure Dealer Codes to safeguard critical data			✓	✓
Leverages state-of-the-art technology			✓	✓
Applies advanced security protection			✓	✓
Offers flexible power and configuration options			✓	✓
Engineered for backward compatibility with legacy systems			✓	✓
Enables future ready capabilities for technology advances			✓	✓



## More Sophisticated Enhancements

- Provides robust Multiple Communication Technologies (MCT) feature for dual communication transport from Customer premise to the Central Monitoring Station (CMS) and five modes of operation: *Mesh Radio only, Internet only, Mesh as Primary Transport with IP as Backup, IP as Primary with Mesh as Backup, or Concurrent Delivery via Both Mesh & IP*
- Enables future ready capabilities with option to activate feature add-ons as technology advances
- Offers flexible power and configuration options that reduce installation time and save on field costs
- Improves functionality with an adaptive Graphic User Interface (GUI) for programming via smartphone, tablet, laptop or PC
- Engineered for backward compatibility with legacy systems
- Rigorously tested to meet NFPA code compliance and UL & ULC listings, AES quality assurance standards and Best Practices

*“The backlit LCD gives technicians information onsite, verifying NetCon and routes before install, which is great for units in hidden places like a storage closet. The built-in annunciator is a big plus and the Menu/Silence button shows condition, saves us a call and we’re no longer blind to status of radio which reduces time to find a mounting location. I like the versatility of flexible power options, great for primary power from the panel if no transformer or outlet is nearby but also having the backup battery for standby. Auto detection of new hardware is excellent.”*

- Barry Wescott, Co-Owner & Service Manager, Instant Signal & Alarm Co.



## A New Era of Innovation

The powerful *IntelliNet* 2.0 platform leverages state-of-the-art technology through an embedded operating system that is flexible enough to accommodate the ever changing technological landscape, applies cutting-edge advanced security protection through secure Dealer Codes, and enables future ready capabilities. *IntelliNet* 2.0 also provides simplified unit programming via an adaptive Graphic User Interface (GUI), is engineered for backward compatibility with legacy systems, and is future ready with a forward compatible design that allows for feature add-ons to adapt seamlessly with software upgrades. *IntelliNet* 2.0 was developed with easier installation and integration in mind, incorporating valuable feedback from our global dealer network. This new era of innovation by AES Corporation employs the latest in computing technology and adopts the most current communication methods available for the ever-demanding alarm communications industry.

## Contact Us

For pricing and availability or to learn more about *IntelliNet* 2.0, please call your local AES Sales Representative at **(800) 237-6387** or email [sales@aes-corp.com](mailto:sales@aes-corp.com).

## About Us

AES Corporation is the leading manufacturer of long-range wireless private mesh radio alarm communication products and services.



[www.aes-corp.com](http://www.aes-corp.com)

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