

	7750/ 7744/ 7788	7450	7470
Primary Application	Commercial Fire	Burglary/Security	Home Arrest
UL Listed	Fire and Burglary	N/A	N/A
Radio Frequency Bands	400-512 MHz UHF	400-512 MHz UHF	400-512 MHz UHF
RF Power (watts)	2-5 watts	2-5 watts	2-5 watts
Full Burglary Data	w/IntelliTap	w/IntelliTap	N/A
Full Fire Data	w/FireTap	N/A	N/A
Programmable Zone 4 Configurations	EOL and 4 RPI 8 EOL	4	4
Line Fault Monitor	w/IntelliTap	Yes	Yes
Battery Backup	7aH	4aH	4aH
Transformer Primary	16.5VAC	16.5VAC	16.5VAC
Power	40 VA	40 VA	40 VA

CAS-IntelliNet™ meets the following compliance standards:

- NFPA 72 Compliant
- NTIA Standards for Narrowband Compliance
- UL standard 864 - Edition 9
- UL Standard 1610
- UL Standard 365
- UL Standard 609
- UL Standard 827
- UL Standard 681
- UL Standard 2050
- LSFM Louisiana State Fire Marshall

CAS IntelliNet

CAS-IntelliNet™ offers a variety of purchase programs and leasing options that fit your budget. For more information please contact Certified Alarm Systems at 225-928-7867, or visit www.CASintellinet.com.

CAS-IntelliNet is the industry leader in delivering high quality wireless alarm communications to the fire and security industry for commercial, corporate, government, and educational applications with its broad line of products and advanced network management tools.

Users of CAS-IntelliNet networks have gained significant revenue, communications, and cost advantages while meeting the high standards of reliability required for the fire and security industry. CAS alarm monitoring systems are deployed in hundreds of thousands of locations in over 50 countries worldwide.

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CAS-IntelliNet

Private Wireless Alarm Communications

Central Monitoring Stations

College and University Campus

Municipalities

Military Bases

School Districts

Corporate Campuses

CAS-IntelliNet™ is a private, two-way, wireless alarm communications system that provides significant performance and cost benefits over legacy telephone, radio tower or cellular-based alarm communications systems.

Why CAS-IntelliNet Is The Best

Solutions:

- Increase Profits/RMR
- Reduced Operating Costs
- Long Range
- Higher Reliability and Speed
- Low Installation and Management Cost

CAS-IntelliNet - fast, reliable, critical event solutions for central station operators, building owners and facilities managers, without recurring monthly costs.

Increase Profits/RMR

Central stations increase profits and recurring monthly revenue (RMR) by eliminating monthly costs associated with public telco services.

Reduced Operating Costs

CA-IntelliNet doesn't require phone lines, cellular networks or radio towers. Each Unit is a transmitter and receiver creating a network with multiple communication paths to the Emergency Monitoring Station (EMS). CAS-IntelliNet is customer owned and operates with no monthly telephone, cellular, or tower based private radio fees.

Long Range

CAS-IntelliNet networks grow by adding additional Transceiver Units. Data hopping, typically 4-6 miles (and often much greater) means multi-building facilities can easily and inexpensively be monitored with CAS-IntelliNet.

High Reliability and Speed

CAS-IntelliNet's unique patented mesh network creates multiple paths for the alarm to reach the EMS offering high reliability and significant speed improvements over traditional alarm communications technologies. If any transceiver unit in the network is unable to store and forward the data, the network immediately analyzes and selects an alternate route insuring that the alarm communications gets through to the EMS.

Low Installation and Management Cost

The two-way sending and receiving capability means that CAS-IntelliNet networks can be managed remotely from the EMS. As new units are added, the network dynamically reconfigures itself to incorporate the new paths. This allows network expansion without investing in additional infrastructure or incurring additional third party costs.

CAS-IntelliNet is a wireless mesh network made up of smart subscriber units, which act as a receiver, transmitter and repeater. Each alarm site is linked to the network by this smart device. The network allows distant subscriber units to use other subscriber units to relay the alarm message to the central receiver. Signals follow the shortest, most reliable, route available ensuring fast reliable alarm communications.

Central Monitoring Receiver

7705i and 7005i MultiNet

Wireless-to-Internet Monitoring Systems

These advanced central receivers manage and monitor one or more CAS-IntelliNet networks. Alarm signals are communicated via wireless radio (transceiver units) to a central receiving point (RF Receiver) in a region and are relayed via the Internet to the Emergency Monitoring Station. Remote networks of CAS-IntelliNet Transceiver Units can be monitored over any distance via the Internet. The 7705i meets UL requirements and is NFPA Compliant.

No More Boundaries

Multi-region fire and security alarm monitoring companies can now offer the benefits of CAS-IntelliNet 2-way wireless alarm communications to customers in regions that are separated by too great a distance to solely use radio transmission. Large regional users of CAS-IntelliNet networks can use the CAS-MultiNet system to expand their system capacity, increase coverage and increase recurring revenue.



The key CAS-MultiNet system components are:

- **7705i/7005i Receiver** – A rugged rack mounted receiver that contains the CAS receiver integrated with the Linux server.
- **7170 RF Receiver** – The 7170 collects CAS-IntelliNet wireless signals and converts them to TCP/IP packets for transmission to the 7705i/ 7005i receiver via the Internet.

UL Listings

UL 864 Edition 9
 UL 827 UL 681
 UL 2050 UL 864
 UL 1610 UL 365
 UL 609
NFPA-72 Compliant

Applications

UL Fire Monitoring/UL AA Burglary

7750 F, 7788, 7744

UL listed and NFPA compliant for commercial fire alarm monitoring. Optional equipment includes the FireTap for full data transmission from the FACP via radio to the monitoring station and IntelliTap for full data for burglary.



Commercial and Residential Burglary

7450 Series

The 7450 series is designed for commercial and residential burglary requirements and offers 4 programmable zones, full data options, line fault monitors and battery backup all housed in rugged lockable steel boxes for long lasting protection. Optional equipment includes the IntelliTap for full data for Burglary.



7470 IntelliGuard

Designed for providing court ordered home arrest monitoring for low risk offenders using an CAS-IntelliNet wireless network. A tamper resistant, battery operated, proximity bracelet communicates with the central monitoring station when the offender has breached the allowed distance from home.

