Advanced Wireless Alarm Monitoring
The 7450XLT smart subscriber unit links an alarm panel to an alarm monitoring central station. This 2-way transceiver and repeater in one is housed in a full size locking steel cabinet for superior performance. The 7450 XLT supports a wide range of inputs such as NO /NC/EOL and direct voltage. It automatically senses phone line cuts and antenna cuts, and monitors battery and AC power status. The built in power supply with advanced status reporting and self-diagnostics make the 7450XLT the first choice for all wireless monitoring needs.

Integrated IntelliTap II Provides Full Data
The integrated IntelliTap monitors the alarms panels’ digital communicator output. In normal operation the alarm panel dials the IntelliTap designated phone number as the primary central station receiver. The IntelliTap detects this information and receives the data just like a dialer receiver providing handshake protocols to authenticate a successful transfer. The alarm data is then forwarded via the AES-IntelliNet RF wireless network to the central station. The 7450 XLT is available without the integrated IntelliTap. Please specify the 7450 XL.
Technical Specifications

**Subscriber Unit**

**Radio**
- Standard CSAA frequency ranges: 450-470 MHz
- 130-174 MHz, VHF and others

**Standard Output Power**
- 2 watts (requires FCC license, or equivalent)
- Optional 5 watts

**Power Input**
- 16.5 VAC, 30VA

**Voltage**
- 12 VDC nominal

**Current**
- 175mA standby; 800mA transmit

**Alarm Signal Inputs**
- 4 individually programmable Zones: NO/NC/EOL, trouble restore
- Telephone line cut monitor
- Integrated IntelliTap Digital Dialer Receiver (with XLT configuration)
- RS-232

**Operating Temperature Range**
- 0° to 50° C

**Storage Temperature Range**
- -10° to 60° C

**Relative Humidity Range**
- 0-85% RHC non-condensing

**Back-up Battery**
- 12V, 4.5 AH option

**Low Battery Reporting**
- 22.5-minute test cycle

**AC Status**
- Reports to central station after approximately 4 minutes without AC power
- Reports power restoral after approximately 4 minutes of restored power
- Antenna cut (local reporting)
- Open collector output, 200mA maximum load

**Size**
- 13.25"H x 8.5"W x 4.3"D
- 34 cm x 21.5 cm x 11 cm

**Weight**
- XLT 6.8 lbs / 3.1 Kilograms (excluding battery)
- XL 6.5 lbs / 2.9 Kilograms (excluding battery)

**IntelliTap Module**
(Only with XLT Configuration)

**I/O Connections**
- RS232 data link
- Incoming phone line
- Phone output from alarm panel
- House phone

**Formats Supported**
- 3+1, 4+1, 4+2
- Contact ID/Point ID

**Controls**
- 1 reset switch
- Jumper pins for programming

**Central Station Requirements**
- AES receivers V1.65 or higher
- AES NET7K V1.49 or higher

AES-IntelliNet is the industry leader in delivering high quality wireless mesh networks to the fire and security industry in commercial, corporate, government, and educational applications with its broad line of products and advanced network management tools. Users of AES-IntelliNet networks have gained significant revenue, communications, and cost advantages while meeting the high standards of reliability required for the fire and security industry. AES-IntelliNet alarm monitoring systems are deployed at hundreds of thousands of locations in over 50 countries.