Senior Living
Your Wireless Emergency Call Infrastructure Partner

For nearly 20 years, Inovonics has provided the best-selling wireless pendants and network infrastructure to help e-call system providers deliver effective and innovative solutions for Senior Living communities.

Our proven, UL 2560 certified EchoStream® network is reliable, flexible and scalable, providing complete campus coverage, enhancing resident satisfaction, improving staff productivity and ensuring that your e-call system provides timely responses to resident needs across an entire campus.
As partners, we collaborate in the delivery of an effective wireless e-call system that enhances resident safety and satisfaction and improves staff productivity.

- Inovonics provides network infrastructure that delivers alarm and other event information to your application software.
- You design, integrate, install and support the e-call system which intelligently interprets wireless alerts and notifies staff, helping to ensure a timely response.

**Collaboration That Delivers Results**

**Inovonics**

**Wireless Transmitters**
Send Wireless Alerts

**Repeater Network**
Extends Area Coverage

**Network Coordinator**

**E-Call System Partner**

**Notification Methods**

**E-Call Application Software**
Inovonics UL 2560 Certification

Inovonics UL 2560* component certification ensures:

- 99.99% alarm message delivery**.
- Timely identification of missing devices.
- Reliable device performance: tested for water exposure, impact, drop and durability.

Faster Alarm Response Times
Knowing the location of an alarm can help reduce caregiver response times

- The EN6080 area control gateway offers an on-board algorithm that sends area level alarm location information to the application software over an IP connection.
- E-call providers can develop their own alarm location algorithms using serial data sent through the EN6040 network coordinator.

Community Operator Benefits
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E-Call Provider Benefits
System Reliability
- Patented EchoStream technology avoids RF interference obstacles inherent to commercial properties.
- Our secure and dedicated network is removed from common faults and down times associated with shared wireless networks.

Scalability and Flexibility
EchoStream wireless technology is flexible and scalable to cover large multi-building campuses. Simply add transmitters and repeaters as needed to extend coverage to parking facilities, court yards, walking trails, etc.

Installer Benefits
Simplicity
Wireless technology reduces set-up time compared to wired solutions.

Ease of Maintenance
Proven performance means less system maintenance and fewer service calls.

World Class Technical Support
Free, unlimited access to our experienced Inovonics technical services team for integration, ongoing support and troubleshooting.

*E-call system providers must achieve system certification from a nationally recognized testing laboratory to claim compliance with UL 2560, The Standard for Safety for Assisted Living and Independent Living Facilities. Applicable to the United States and Canada only.

**Requires the use of repeaters with check-in times of 20 minutes and transmitters with check-in times of ≥60 minutes.
### UL 2560 Certified Fundamental Devices

#### Part of the minimum fundamental configuration of a UL 2560 emergency call system* as defined in the standard

<table>
<thead>
<tr>
<th>Area Control Gateway</th>
<th>Network Coordinator</th>
<th>High Power Repeater</th>
<th>One-Way RF Modules</th>
</tr>
</thead>
<tbody>
<tr>
<td>The EN6080 area control gateway enables IP integration of the EchoStream network systems. Browser-based configuration simplifies the set-up process, and the optional location algorithm sends with alarms.</td>
<td>The EN6040-T network coordinator manages signals between end devices, repeaters and the application controller in EchoStream directed network systems.</td>
<td>The high power repeater amplifies transmissions from any transmitter. Multiple repeaters can be used to provide campus-wide coverage. High Power Repeater with Transformer EN5040-20T Waterproof Enclosure ACC650</td>
<td>The EN1941-60 one-way binary RF module integrates into pullcord stations allowing them to send wireless signals through the network. One-Way Binary EN1941-60 One-Way Serial Data EN1941XS</td>
</tr>
</tbody>
</table>

### UL 2560 Supplemental Devices

#### May be included in the emergency call system, but do not affect the fundamental operation of the system

<table>
<thead>
<tr>
<th>Waterproof Pendant with Lanyard</th>
<th>Waterproof Pendant with Wristband</th>
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</thead>
<tbody>
<tr>
<td>Small, light and waterproof. Bright lights for alarm activation, alarm clearance and low battery. Vibrates to confirm alarm activation. Includes adjustable lanyard with breakaway feature.</td>
<td>Small, light and waterproof. Bright lights for alarm activation, alarm clearance and low battery. Vibrates to confirm alarm activation. Includes 6mm silicone wristband with adjustable buckle closure.</td>
<td>Water-resistant pendant with single button press and hold activation. Includes plastic neck chain and belt clip.</td>
</tr>
<tr>
<td>Neck Lanyard Pendant EN1221S-60N</td>
<td>Wristband Pendant EN1221S-60W</td>
<td>Single Button EN1222S-60W</td>
</tr>
<tr>
<td>Universal Transmitter with Reed Switch</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Universal transmitters can be used with any standard N/O or N/C sensor and include a case tamper switch. The EN1210W-60 is designed for door/window use and requires use of included magnet.</td>
<td>Universal transmitters can be used with any standard N/O or N/C sensor and include a case tamper switch.</td>
<td>Dual input universal transmitters can be used with any standard N/O or N/C sensor and include an additional N/C input. Dual Input Universal EN1212-60</td>
</tr>
<tr>
<td>Universal Transmitter EN1210-60</td>
<td>Universal Transmitter EN1210-240</td>
<td></td>
</tr>
<tr>
<td>Activity Sensor</td>
<td>Smoke Detector</td>
<td>CO Detector</td>
</tr>
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<td>The EN1241-60 activity sensor is designed specifically for residential and senior living environments where a notification of daily activity is necessary. Selectable fixed sleep intervals of two, four, or six hours are used to minimize wireless traffic in large installations, while confirming daily resident activity.</td>
<td>The EN1244-60 features an onboard sounder, an LED indicator, tamper, EchoStream® network supervision, and local test capability.</td>
<td>The EN1245-60 features an onboard sounder, a CO sensor, LED indicators and local test capability to allow the user total visibility of its functionality.</td>
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Non-UL 2560 Components

Transmitters and repeaters shown here feature a three minute check-in interval and are therefore not allowed for use in UL 2560 installations.

Universal Transmitters

Universal transmitters can be used with any standard N/O or N/C sensor and include a case tamper switch. Universal Transmitter EN1210 With EOL Resistor EN1210EOL Door/Window Transmitter with Reed Switch EN1210W

Universal Transmitters with Wall Tamper

Wall tamper switch adds protection from device removal. Universal Transmitter with Wall Tamper EN1215EOL With Reed Switch and Magnet EN1215WEO

360° Ceiling Mount Motion Detector

The EN1265 four element motion detector offers a 360° coverage pattern, case tamper switch, and up to an 18R mounting height with the included lens. High Ceiling Lens (25ft) ACC669

Wall Mount Motion Detector

The EN1260 universal transmitter provides five times the power of a standard Inovonics universal transmitter allowing for use in remotely located buildings. Wall Mount Transmitter EN1265

Smoke Detector

The EN1244 features an onboard sounder, an LED indicator, tamper, EchoStream® network supervision, and local test capability.

CO Detector

The EN1245 features an onboard sounder, a CO sensor, LED indicators and local test capability to allow the user total visibility of its functionality.

High Traffic Four Element Motion Detector

The EN1261HT is developed specifically for high traffic environments, delivering approximately four years of battery life. Includes case tamper, and features pet immunity up to 33lbs/ft². Long Range Lens (60ft) ACC668

High Traffic Four Element Motion Detector Coverage

The EN1260 universal transmitter provides five times the power of a standard Inovonics universal transmitter allowing for use in remotely located buildings. Wall Mount Transmitter EN1265

60° Ceiling Mount Motion Detector Coverage

The EN1264 five element motion detector offers a 60° coverage pattern, case tamper switch, and up to an 18R mounting height with the included lens. High Ceiling Lens (25ft) ACC669

360° Ceiling Mount Motion Detector Coverage

The EN1260 universal transmitter provides five times the power of a standard Inovonics universal transmitter allowing for use in remotely located buildings. Wall Mount Transmitter EN1265

360° Ceiling Mount Motion Detector Coverage

The EN1261HT is developed specifically for high traffic environments, delivering approximately four years of battery life. Includes case tamper, and features pet immunity up to 33lbs/ft². Long Range Lens (60ft) ACC668

Motion Detector with Pet Immunity Coverage

The EN1262 is designed for low traffic applications and features pet immunity to reduce false alarms from animals. Includes a case tamper switch and optional wall tamper.

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Add-On Receivers

Add-on receivers cost effectively add EchoStream wireless transmitters to any installation. Includes form C relays with dedicated alarm and fault output. The EN4216MR and EN4232MR are UL listed, support multi-condition transmitters, and include event logging.

Receiver | Transmitters | Outputs
--- | --- | ---
EN4205R | 8 | 4 Alarm / 1 Fault
EN4216MR | 16 | 5 Alarm / 1 Fault
EN4232MR | 32 | 11 Alarm / 1 Fault

Survey Receiver

The EN4015SK survey receiver is a portable and easy to use tool for determining the optimal location for transmitters and repeaters. Reduce bid risk, decrease installation time, and build credibility with clients.

Survey Transmitters

Survey transmitters are used with the EN4015SK survey receiver to help determine optimal location for transmitters and repeaters. Survey Universal EN1210SK Survey Pendant EN1223SK

Survey Kit & App

The EN7017 survey kit and app reduces bid risk, decreases installation time, and builds credibility with clients. Quickly prepare accurate quotes for even the most complex jobs. Mobile app available on Android and iOS devices.

The range and performance of any wireless product depends on the structure and environment in which it operates.

Continual enhancements to our products may cause specifications to change without notice. Visit our website for UL information.