How does the SpiderAlert System work?

1. Event signal is sent to receiver by a resident at the press of a button.
2. Dual RF/IR Receiver
   Dual RF/IR receiver connected to the SpiderBus enables pinpointing the exact location and identification of the event.
3. Central Station
   The central station receives the event, the sender’s ID and the location, and activates an alarm or notifies security.
4. Health Professional
   Health professional responds to the event signal.

System Overview

Personal signaling at the touch of a button

Visonic Group Companies

Visonic Ltd
Visonic Inc
Visonic GmbH
Visonic (Uruguay) Ltda
Visonics
Visonics Ltd Singapore Representative Office

Designed by Visonetix especially for personal emergency response

The SpiderAlert Emergency System for Assisted Living provides a network of wireless and wired security devices and specialized wireless detectors for personal emergency signaling in assisted living and healthcare facilities. It is affordable, easy to install and easy efficient to operate. By integrating SpiderAlert wireless detectors, time can be saved and installation costs can be reduced. With SpiderAlert, assistance can be summoned or an alarm can be sent at the touch of a button. The system can identity the source and location of events for an instantaneous and accurate response.

Visonetix, together with Visonic Ltd, with more than 25 years creating and producing quality security products, developed the SpiderAlert Emergency System for Assisted Living to fulfill a need in the field for a superior monitoring system. Continual development of the system ensures that SpiderAlert will meet your security needs now and in the future.
**SpiderAlert Emergency Response System Components**

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>VXS-5</td>
<td>System controller that controls the system's response to emergency signals.</td>
</tr>
<tr>
<td>SI-540</td>
<td>8-Output interface unit for connecting to external devices.</td>
</tr>
<tr>
<td>SI-561</td>
<td>6-Input/1 output interface unit for connecting to external devices.</td>
</tr>
<tr>
<td>VXS-5</td>
<td>Paging controller that sends alerts to designated personnel.</td>
</tr>
<tr>
<td>SI-540</td>
<td>Paging transmitter that sends alerts to designated personnel.</td>
</tr>
<tr>
<td>SI-561</td>
<td>Paging transmitter that sends alerts to designated personnel.</td>
</tr>
<tr>
<td>MCT-101, 102, 104 S</td>
<td>Wireless transmitters used for sending emergency signals.</td>
</tr>
<tr>
<td>SRP-51 UPS</td>
<td>SpiderBus repeater for extending the system's coverage.</td>
</tr>
<tr>
<td>SR-500</td>
<td>Wireless receiver that receives emergency signals.</td>
</tr>
<tr>
<td>SR-520, SR-521, SR-522</td>
<td>Dual RF/IR receivers used for receiving emergency signals.</td>
</tr>
</tbody>
</table>

**Visonetix**

Visonetix is the manufacturer of the SpiderAlert system, providing comprehensive emergency response solutions for assisted living facilities.

**Dual RF/IR wireless transmitters**

These transmitters are used for sending emergency signals. They have a radius of 250 meters and use a combination of radio frequency (RF) and infrared (IR) signals to ensure reliable communication over a wide area.

**VXS-5 System Controller**

The VXS-5 is the central control unit of the SpiderAlert system. It manages the interactions between different components and coordinates the response to emergency signals.

**SI-540 & SI-561 Interface Units**

These interface units are used to connect the SpiderAlert system to external devices, allowing for a variety of integration options.

**MCT-101, 102, 104 S Wireless Transmitters**

These wireless transmitters are used to send emergency signals to the VXS-5 controller. They are small, lightweight, and designed for easy wearability.

**SRP-51 UPS - SpiderBus Repeater**

The SRP-51 UPS is a power supply unit that provides backup power to the SpiderBus repeater, ensuring reliable operation even during power outages.

**SR-500 Wireless Receiver**

The SR-500 receiver is an interface unit that connects to the SpiderBus, enabling the system to receive emergency signals from portable transmitters.

**SR-520, SR-521, SR-522 Dual RF/IR Receivers**

These receivers are used to detect emergency signals sent by the transmitters. They can integrate options and adaptations for improved response times.

**Technical Specifications**

- **Radio Frequency (RF):**
  - Operating frequency: 915 MHz
  - Range: 250 meters
- **Infrared (IR):**
  - Detection range: 5 meters
  - Accuracy: ±2 degrees

**System Features**

- **24/7 Monitoring:** The system continuously monitors for emergency signals.
- **Real-time Response:** Priority calls are automatically sent to the central station via the SpiderBus network.
- **Customizable Alerts:** Users can configure alerts to suit their individual needs.
- **Backup Power:** The system incorporates backup power functionality to ensure uninterrupted operation.

**SpiderAlert Emergency Response Components**

- **VXS-5 System Controller**
  - Controls all system functions and routes emergency signals to the central station.
- **SI-540 & SI-561 Interface Units**
  - Connect external devices to the system for enhanced functionality.
- **MCT-101, 102, 104 S Wireless Transmitters**
  - Used for sending emergency signals to the VXS-5 controller.
- **SRP-51 UPS - SpiderBus Repeater**
  - Provides backup power to extend the system's operation.
- **SR-500 Wireless Receiver**
  - Receives emergency signals from transmitters and relays them to the VXS-5 controller.
- **SR-520, SR-521, SR-522 Dual RF/IR Receivers**
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**SpiderAlert®**

Emergency System for Assisted Living

**Personal signaling at the touch of a button**

When the support of care providers is in your hands, you need to remain at their side. They want to be there when they need you and maintain their sense of independence. Yet, they know that there will be times when they will need to depend on you and staff for immediate help.

SpiderAlert can give residents peace of mind and enhance their quality of life.

Because you care, you want it in a system that will respond quickly and reliably in an emergency again. You know that you have a responsibility to provide them with a system that lets communication occur during those times when they need you and your staff most. You can give them from the special features of reliability and responsiveness with the SpiderAlert Emergency Response System for assisted living.

**Emergency signaling for quick, reliable response**

SpiderAlert was designed to give you high operation capability. The system's high-quality pendant, pendant pull, and pendant push-button transmitters are provided to residents so that they can easily connect the system to the central station whenever they need it.

Care providers and staff also benefit from SpiderAlert. The bird-like or horizon transmitters they carry can signal for additional assistance.

Whenever an alarm signal is notify one of the many SpiderAlert devices available, it is received via a computerized alarm receiver, where an operator provides the proper help. The SpiderAlert system's identification of an event, activity supervision sensors that can integrate options and adaptations for improved response times.

**SpiderAlert for a range of possibilities**

In addition to wireless personal and mobile personal emergency signaling, the SpiderAlert system can integrate policies and adaptations for residents who require a higher level of assistance. Activity supervision sensors that can be used to increase the flow of movement and access control can be also added to the SpiderAlert system.

**SpiderAlert Emergency Response System**

The SpiderAlert Emergency Response System is a network that can be tailored to the needs of the facility. It can range from a simple system with a central station to a full-fledged, multi-level, integrated system with a central station. This network can be extended with additional areas, and new locations can be added without affecting the entire system.

**System components:**

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  - Controls all system functions and routes emergency signals to the central station.
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