

Duress and Lone Worker Protection



You'll Never Work Alone

EkoTek is a wireless personnel protection solution. The stability of the system is provided by the Zigbee mesh network technology.

Ekotek is ideal for people who have to work on their own in potentially hazardous areas or are placed in vulnerable situations when dealing with customers, clients and patients.

With Ekotek an individual can raise an alert with the simple push of a button. A message is sent to a pre-set team providing information on who raised the alert and their location.

Not only does Ekotek give workers peace-of-mind that they will receive assistance when required, it ensures help can be actioned immediately ensuring a timely response.

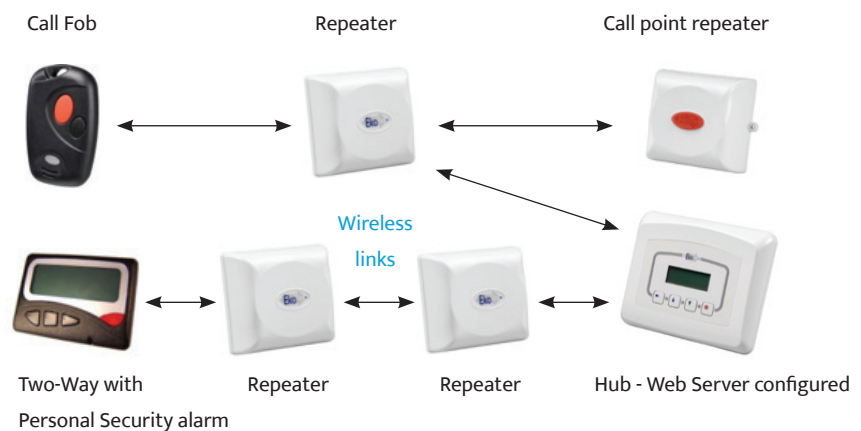
The repeaters can be enclosed in vandal and weather-proof enclosures for tough environments. Portable devices provide an emergency button and support dead-man and man-down alerts.

Available with either a pager or fob it can be worn using a lanyard or belt clip providing personal safety and support in the work place.

It is suitable where individuals require onsite protection in

- Industry
- Hospitals
- Prisons
- Hospitality
- Retail & Leisure
- Council
- Healthcare
- Local Government
- Universities

The EkoTek System - Wireless Network Mesh





Hub

The Hub display's assistance call messages, showing the calling User and location. Device configuration is stored on the Hub and can be changed using a PC running web browser software such as Internet Explorer. Statistics and logs are collected and stored at the Hub and can be viewed using a web browser. Additional web browser functions include creation of pager messages, allowing messages to be sent to individual or groups of Pagers and also location display to allow Call Fob or Pager users to be located.



Repeater

Repeaters automatically form the backbone mesh radio network, relaying messages to/from the Hub. The network physical layout is determined by placing of Repeaters, which may extend across floors and buildings. Repeaters are battery powered and do not need any wires, making installation very quick and low cost. Each Repeater provides a location beacon signal for accurate location determination for alarm signals and also for tracking.



Call Repeater

The Call Point / Repeater provides the same functions as a Repeater together with the additional function of a button for assistance calls. When a Call Point is installed within a room it is not necessary to install a separate Repeater in the room as the Call Point forms the radio backbone network in the same way as a Repeater.



Call Fob

The Call Fob allows an assistance call to be generated either by the User pressing a button or automatically by the Dead-Man or Man-Down features. Accurate location information is obtained from nearby Repeaters. The Call Fob can also report the User's location to a Hub web page as the User moves around, allowing User tracking applications such as patient or visitor location to be implemented. Acceptance of assistance calls by an EkoTek Pager is indicated at the Call Fob to reassure the User.



Pager

The pager is a multi-function supporting display of received messages with acknowledgement plus the ability to generate an alarm from the User, or Man-Down Features. The Pager display shows alarms from other Pager and Call Fobs, allowing the User to accept the alarm and signal back to the Call Fob or Pager User sending the alarm that assistance is on its way.