Indoor Location

Provides real-time location data to manage and protect workers and deploy resources more efficiently.

**Increased Safety**
- Understand the real-time location and status of your team in environments where reliable GPS signal is not available
- Enable response teams to locate and assist lone workers in distress fast

**Increased Efficiency**
- Ensure efficient deployment of key resources during critical events
- Use team location to allocate resources on routine tasks
- Monitor access to restricted areas
- Optimise security or maintenance rounds via real-time check point logging

**Simple Deployment**
- Wireless Bluetooth beacons allow for flexible, low cost installation
- Workers can be located through TETRA devices or smartphones
- Data can be reported to a dedicated PC or through existing control room applications

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OVERVIEW

Sepura’s Indoor Location System comprises a software application that reports the real time location of TETRA radios and smartphones relative to a network of Bluetooth beacons positioned across a site.

Software application

The Indoor Location application can report location data directly through its simple and easy to use Graphical User Interface or supply the relevant data via API to enable display and control through an existing control room application.

Hand-held devices

The application can be used to locate the following hand-held devices once installed with the relevant indoor location app:

- Sepura SC20 and SC21 TETRA radios
- iOS, Windows and Android based smartphones and tablets

Beacons

Indoor Location is compatible with industry standard Bluetooth 4 Low Energy (BLE) beacons using the iBeacon protocol. You can either connect to your existing network of compatible beacons or use Sepura’s beacons that offer:

- Long battery life (typically 3-4 years)
- Waterproof protection (IP65) via a robust and unobtrusive casing
- Compact size (52x50x35mm)
- Simple setup using administrative smartphone app
- Configurable signal range (covering a radius of 1-200m)

Indoor Location can improve safety and efficiency for a wide variety of organisations:

- Police
- Ambulance
- Airports
- Prisons
- Hospitals
- Factories and offices
- Industrial sites and processing plants
- Arenas and stadiums
- Museums
- Shopping centres
- Hotels
- Wind farms

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