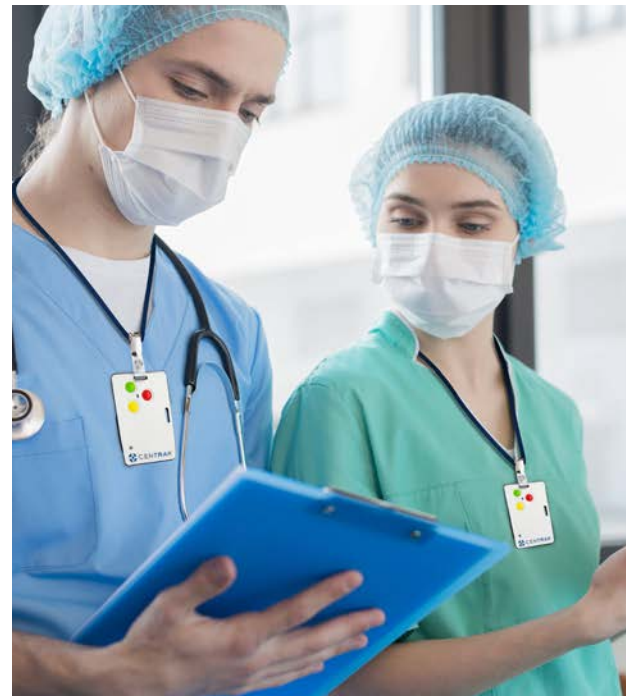


Staff Safety

With workplace violence on the rise, ensuring staff safety is increasingly top-of-mind for healthcare executives. CORE LSE's Staff Safety solution helps safeguard medical staff in case of personal attacks from patients or visitors.

Healthcare staff carry a portable CORE LSE tag which provides them with a means to call for help from wherever they are located within the hospital. This smart, facility-wide accurate and reliable solution helps increase the safety for clinicians and reduces the healthcare's risk and financial exposure.



Solution Benefits

- Increase the security and confidence of isolated workers. Our tags have an on-board duress button that allows staff to request assistance or alert security in an emergency.
- Boosting your security and response team's capabilities by providing them unprecedented situational awareness.
- Security team receives duress alerts in seconds to see who and where exactly has called for help and they get location updates of the staff in real-time.
- By demonstrating the duty of care to staff, the healthcare facility maintains staff retention thereby reducing costs of staff turnover.
- Easy Integration to other inhouse applications (ERP, CMMS, CCTV, Vocera etc.) using HL7, XML, JSON, SOAP payloads.
- Unified SaaS-based architecture – Multi-tenant Support, Easy to use, lower costs, supports scalability, integration, and analytics.

How it works

Each staff member is either provided with a battery-powered CenTrak device or a Bluetooth enabled tag, that automatically delivers their real-time location from anywhere within the facility. CenTrak uses its Second-Generation Infrared (Gen2IR™) hardware to deliver certainty-based location data covering rooms, beds, bays, nursing stations, hallway segments and other relevant workflow zones, whereas Bluetooth tags utilise the Wi-Fi to BLE IoT gateways to communicate their locations.

The tag features a push-button which, if pressed, sends out a distress signal. When an alarm is raised, a message including the location information and details of the person in distress is sent to the security staff who can quickly attend the incident.

Alerts can be raised in various ways including audible alarm, email, or in-app notification and simultaneously be sent to other 3rd Party applications such as Vocera etc.



Solution Features



Event and Alert Notifications

CORE LSE incorporates a wide range of configurable event alerts and notifications to help healthcare managers resolve urgent problems in real-time and receive location updates in real-time during a duress event.



Reports

Configure Staff Safety Reports within a few clicks. Schedule the reports to be emailed with customisable timelines.

Export the reports in either PDF or CSV formats for further analysis outside the system.



Management Tools

Easy to populate and store attributes of the assets including categorisation, icons, images, departments of staff.

Create rules for mobile duress/button press events for the entire facility or specific areas. All events are logs for future analysis and improve operational bottlenecks.

Role-based access control model for securing various sections of the platform as well as notifications.



Analytics

Create personalised real-time dashboards from the available widgets and share with others. Powerful group notification features to alert healthcare personnel by zone or location.

Deployment Methods

Technology	Components
Cisco Wi-Fi	Cisco Wi-Fi compatible Asset Tags, Patient Tag, Staff Tag, Duress Tag, Temperature/Environmental Sensors. Optional Add On: Gen2IR Infrared based exciter to provide room-level accuracy.
Active RFID	Active RFID based Asset Tags, Patient Tag, Staff Tag, Duress Tag, Temperature/Environmental Sensors, Gen 2IR Infrared Exciter for room level accuracy.
BLE	BLE based Asset Tags, Patient Tag, Staff Tag, Duress Tag, Temperature/Environmental Sensors that work over BLE IoT Gateway.