

## Staff Workflow

CORE LSE's Staff Workflow solution delivers an advanced, real-time staff location monitoring system for staff visibility and zonal security.

Combined with an innovative variety of technology and our powerful software architecture, you can get essential insights into staff location, and optimise workflows process that results in making the best business decisions.



## Solution Benefits

- Collects data from different sources and transforms it into insights that can promote collaboration and people management across the healthcare facilities.
- Easy to locate the nearest caregiver for a patient who requires immediate medical attention.
- Enhance staff efficiency by reducing manual, repetitive and non-clinical processes.
- Automatic dwell time records of staff movement between areas or patient rooms.
- Easy Integration to other inhouse applications (ERP, CMMS, Nurse Call, Vocera etc.) using HL7, XML, JSON, SOAP payloads.
- Unified SaaS-based architecture – Multitenant 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.

CORE LSE platform automatically documents the tagged caregiver's location in real-time and calculates their dwell times, thereby reducing the necessity of manual logging of their whereabouts and time spent in these areas.



## 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.



### Reports

Configure staff workflow 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 employee clustering rules where you can set the maximum number of employees in a zone.

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 it with others.

Dashboards can be set to show the total number of members per department in each location and help analyse workforce per available skill set on the floor or zone.

## Deployment Methods

Technology	Components
<b>Cisco Wi-Fi</b>	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.
<b>Active RFID</b>	Active RFID based Asset Tags, Patient Tag, Staff Tag, Duress Tag, Temperature/Environmental Sensors, Gen 2IR Infrared Exciter for room-level accuracy.
<b>BLE</b>	BLE based Asset Tags, Patient Tag, Staff Tag, Duress Tag, Temperature/Environmental Sensors that work over BLE IoT Gateway.