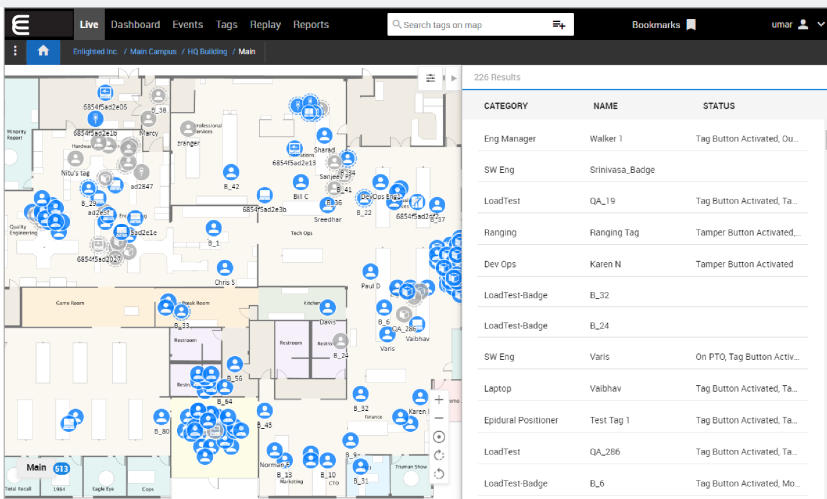# Location Services

The Enlighted Location Services is a global enterprise-wide real-time location system showing live and replayed movement of tags in buildings. The dashboard displays asset metrics based on live data for monitoring and managing assets. Reports provide insights to both live and historical data.

The Enlighted Location Services reliably track assets and locates people in real-time in a building or across buildings in an enterprise. The application component, integrated into the Enlighted IoT platform, provides a unified solution leveraging data from Enlighted Sensors.

Enlighted tags are attached physically to equipment or worn as staff badges. Using the tag location data, the application provides a live view of current tag locations within a facility by floor or department, and category, allowing for precise search and real-time alerts. The tag location data may be replayed on demand, or in generated reports. Aggregate tag location information can also be displayed in various dashboards.

The Enlighted IoT platform advantage

- High-density sensor layout information
- Sensors powered via lighting fixtures
- Network infrastructure paid for by energy savings

Real-time motion or replayed motion of tagged items on the map.

Bluetooth®

- Supported web browsers: Chrome 78 or later
- Supported mobile apps: iOS 12.0 or later/Android 12 or later

The Enlighted IoT platform

Enlighted brings the Internet of Things to buildings by deploying cloudconnected sensors, advanced networking, and big data analytics applications. The infrastructure pays for itself through energy savings of up to 90 percent. Enlighted's dense sensor network of one sensor per light fixture and ceilingmounted positioning captures the most robust data in the industry. This data powers Enlighted's solutions for building space management, real-time location services, occupancy-based HVAC, lighting control, and more.

Accurate indoor location mapping

How Enlighted Location Services work

Each Enlighted tag broadcasts Bluetooth messages, which are received by the Enlighted Sensor embedded in the fixtures. Using the tag location data captured by the sensors mounted in the ceiling and other information from the tag, the application tracks and records each tag's location as it moves through the building using advanced algorithms.

- **Interactive dashboard capabilities:** When you need to make decisions based on detailed insights, the dashboard provides interactive charts and tables, allowing you to focus on staff and asset distribution by floors and departments, further filtered by category and tag status. View distribution by percentage to understand asset distribution patterns for determining how effectively assets are being utilized. View tag count by location to locate assets and redistribute staff where they might be needed, reducing the time lost in searching for equipment and staff.

- **Asset categories and tag statuses:** Manage assets by grouping them into categories and assigning tag statuses to equipment for easier organization and management. Apply filters dynamically based on category or tag status to search for equipment or staff and view them on floor maps.

- **Custom fields:** Allows administrators to select from a collection of available data fields and add it onto the tag details to capture as much information as possible about the tagged object.

- **Real-time alerts:** Real-time alerts can be configured to notify staff when an asset enters or leaves geofence areas, which are virtual boundaries around a physical area marked in the map. Alerts can also be generated based on category counts and duration of stay in the geofence area. Notifications can be sent directly to mobile devices or via email to help users stay up-to-the-minute on the asset activity in the building.

- **Replay movement of tags:** The application also stores location data by date and time, which can be replayed on-demand on the map with several options for playback. The tag location data is also accessible via APIs, which can be used to drive operational insights and analytics.

- **Report generation:** Reports provide insights to both Live and Historical data based on filters such as departments, room types, tag category, tag status with options to customize, share, schedule reports to run at selected intervals, save, and view reports.

The Enlighted Location Services advantage

- Spend less time searching or equipment and people
- Reduce loss of highvalue assets
- Reduce unnecessary equipment purchases
- Optimize processes using location history
- Reduce capital expenditures
- Increase staff productivity

Features

- Precise live asset location and movement
- Configurable asset categories and tags statuses
- Powerful search across facilities
- Advanced dynamic filtering with custom tag statuses

Product Codes

WHR-LSP: License Subscription Pricing

Data privacy

The Enlighted Location Services application stores the organization name, occupancy data, floor maps, real-time location of tags within the proximity of the sensors, and organizational facility information for providing services. The application tracks user login, logout events, user IP address, and application pages accessed by the users.

Enlighted

Building Robotics, Inc.,
a Siemens Company

Turn Everyday Spaces into Extraordinary Places

Wherever space, people and work meet, Enlighted empowers organizations with the technology to transform real estate spaces into regenerative places that fuel positive impact for people, portfolio, and our planet.

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