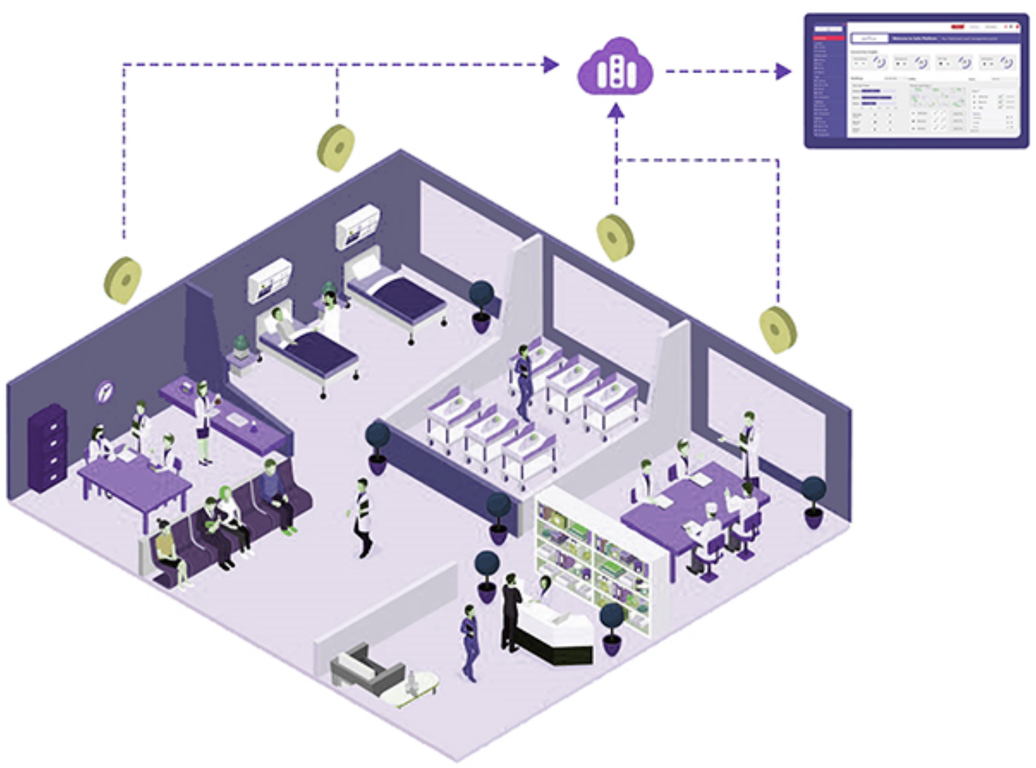
sentrax | BLE Proximity Tracking

Introducing Sentrax, a cutting-edge BLE RTLS (Real Time Location Solution) solution for indoor proximity location tracking

Overview



Unleash Operational Efficiency with Real-Time Tracking

Sentrax BLE RSSI Based RTLS solution is a state-of-the-art technology designed for businesses looking to enhance their operations and improve overall efficiency. Utilizing BLE (Bluetooth Low Energy) technology, this solution provides real-time location tracking of people and assets in a specific environment.

Whether your goal is personnel monitoring or asset tracking, the Sentrax BLE RSSI-based RTLS solution is ideal. Scalable and adaptable, it suits businesses of all sizes and can grow with your evolving needs.

Applications Areas

- **Smart Buildings:** Automate check-in-/out, gather real-time occupancy data.
- **Personnel Positioning:** Improve safety with location-based alerts and remote environment monitoring.
- **Warehouses:** Track inventory, manage forklifts, and Reduce wasted time searching for equipment or materials.
- **Healthcare:** Locate equipment, track staff and patients, enable emergency SOS calls, and monitor air quality.
- **Manufacturing:** Track pallets and goods, ensure worker safety, and monitor facility conditions.

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Scanners & Locators

ZENIX LEN-1

BLE (RSSI)-based indoor locator that provides proximity positioning with a POE and Wi-Fi interface.

ZENIX LEN-2

BLE (RSSI)-based indoor locator that provides proximity positioning with POE, Wi-Fi interface and presence sensor.

BLE Tags

PINIX TOW-1

Smart BLE AoA Tag with Accelerometer.

PINIX TOW-5

Smart Badge BLE Tag with Multi-Sensors.

PINIX TEP-1

Temper Proof Wearable Bracelet BLE RSSI Beacon Tag.

Software

SOLIX SUITE

Cloud or on-site server-based platform for device management, configuration, rea-time data and system integration.

Benefits

- **Proximity Tracking**
  Utilize RSSI (Received Signal Strength Indicator) technology to achieve proximity indoor tracking for objects, people, or assets.
- **Environmental Sensing**
  Real-time visibility of sensor data to monitor humidity, temperature, air quality, and pressure.
- **Presence Sensing**
  Real-time detection of personnal motion by sensing their presence and absence.
- **Deployment & Configuration**
  Perform live single or bulk device configurations for gateways, beacons, and sensors.
- **Real-time Visibility**
  Access and analyze location data with the powerful and user-friendly Solix Suite Platform.
- **Enhanced Operations**
  Optimize processes, improve efficiency, and boost safety & security.
- **Cost Effective Solution**
  Our solutions are tailored for cost-efficiency, perfect for a range of RTLS applications like hospitals, smart buildings, and manufacturing.

BLE RSSI RTLS (Proximity Tracking)

Evaluation Kit

Sentrax's RTLS (Real-Time Location System) Evaluation Kits harness Bluetooth Proximity (RSSI) technology for accurate real-time positioning. Designed for testing, demonstrations, project pilots, and assessments, these kits offer a comprehensive package to explore Bluetooth Low Energy (BLE) technology.

We provide reliable proximity-based solutions to enhance operational efficiency, making them essential for businesses aiming to optimize their operations.

Benefits

Proximity Tracking: Utilize RSSI technology for indoor tracking of objects, people, or assets.

Environmental Sensing: Monitor environment's temperature, humidity, pressure and air quality (indoor air pollutants gases-TVOC).

Presence Sensing: Real-time detection of personnal motion by sensing their presence and absence.

Configuration: Real-time single or bulk device configurations for gateways, beacons, and sensors.

RTLS Deployment: Quick and hassle-free setup to start benefiting immediately.

Real-time Visibility: Access and analyze location data with the powerful and user-friendly Solix Suite Platform.

You can purchase our demo kit which includes:

- 2x ZENIX LEN-1
- 1x ZENIX LEN-2
- 3x PINIX TEP-1
- 3x PINIX TOW-1
- SOLIX Suite Platform

Accessories

- External Antenna
- POE Cable
- Power Adaptor & Wires
- Batteries
- Screws & Nuts

User Guide

Available on Website

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