

Introducing life^{PRO}

Active Monitoring with Beacons in the Care Industry

Real-Time Location Systems and asset tracking solutions help administrators ensure security and regulation compliance as well as enable employees to work more efficiently on a daily basis.



People visibility

People visibility is about knowing where people are. It's a common use case for workplaces, industrial environments, healthcare, and other verticals where understanding the flow of people is critical for safety and optimizing productivity. People visibility solutions enable you to locate anyone on site, analyse how people move through a facility, automate time reporting, and facilitate communications.

Asset tracking

Asset tracking, also called asset management or asset visibility, is the foundation of any RTLS (Real-Time Location System). It provides visibility of assets: their location and conditions, enabling you to quickly locate them on site, analyse their flow and usage and make data-driven decisions about replenishment, purchases, or efficiency optimization.

Additional features are buttons and sensors. In the asset tracking environment, a button can be useful for reporting any asset-related issues (like shortages or failures). Sensor-wise, an accelerometer is the bare minimum: it will help you define whether an asset is in on the move (in use) and save precious battery life when it's not.

Condition monitoring

Condition monitoring is about understanding the ambient conditions of places and assets. For instance, temperature, humidity, light levels and a whole lot more.

Customer experience

Customer experience is about everything that helps make customers happy. This umbrella term contains solutions for location: indoor wayfinding, location-based content, loyalty programs, and similar applications.





Bluetooth-based technology

Applications powered by Bluetooth-based technology have proven themselves in every vertical and environment you can think of. These solutions depend on a simple yet versatile piece of hardware that forms the backbone of the networks that deliver a very long list of business benefits - beacons.

What is a beacon and how does it work?

A beacon (or a tag) is a small wireless device that works based on Bluetooth Low Energy. It repeatedly transmits a constant signal that other devices can see. A Bluetooth-equipped device like a gateway, or access point can "see" a beacon once it's in range.

Generally, Beacons are stationary and Tags are intended to be on the move.

Receivers & Application

Usually, these devices are gateways or access points and their job is to relay the collected data to the cloud or local server. The application - an RTLS (Real-Time Location System) - takes the data and translates it into things like real-time maps showing resident and employee locations, search & find tools for locating assets or people, productivity dashboards, temperature analytics, and other features it is designed to provide.

Sensors

Sensors make your solution aware of the environmental conditions of your deployment. You can use tags and beacons solely for the purpose of collecting telemetry data.

- ✓ Enhanced resident security
- ✓ Enhanced building security
- ✓ Asset tracking
- ✓ Equipment utilization
- ✓ Indoor positioning

- ✓ Compliance tracking and recording
- ✓ Wayfinding
- ✓ Data generation
- ✓ Automated check-in
- ✓ Automated entry and access



ASSET TRACKING

INDOOR

Asset Tag S18-3

- 14-month battery life*, IP 65
- button, motion & temperature sensor
- LED

Universal Tag UT19-1

- 6-month battery life*, IP 65
- button, motion & temperature sensor
- various mounting methods

ASSET TRACKING

OUTDOOR

Tough Beacon TB18-2

- 46-month battery life*, IP 65
- motion & temperature sensor
- robust casing

Heavy Duty Beacon HD18-3

- 10-year battery life*, IP 65
- motion & temperature sensor
- robust casing

CONDITION MONITORING

Beacon Pro BP16-3

- 60-month battery life
- light, 70-month battery life*
- light, motion & temperature sensor
- LED

Smart Beacon SB18-3

- 46-month battery life*, IP 50
- customizable color and logo
- motion & temperature sensor

PEOPLE VISIBILITY

Bracelet Tag BT19-4

- 6-month battery life*, IP 67
- button, motion & temperature sensor
- tamper-proof or standard fastener
- antibacterial surface available

Card Tag CT18-3

- 20-month battery life*, IP 67
- motion & temperature sensor
- RFID tag

* Battery life (Tx=100m, interval 1000ms)
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