Wayfinding Solutions
Transform the patient experience, improve efficiency and reduce costs.

Wayfinding applications are able to leverage CenTrak’s Enterprise Location Services™ to create an accurate indoor navigation system for healthcare facilities. Utilizing the Bluetooth Low Energy (BLE) capabilities embedded in patient and visitor smartphones or other personal devices, Wayfinding can be used to help minimize frustration and increase patient satisfaction. In today’s high-tech environment, indoor navigational apps have become the expected standard for consumers. To keep up, healthcare organizations must continue to support the latest innovations and meet the growing expectations of their incoming patients and visitors.

One of the biggest challenges when arriving at a hospital or medical center is easily navigating to the correct location before the appointment begins. Often times, this seemingly simple task becomes a very long, stressful and confusing journey. At the end of the appointment, heading back to the parking garage and finding the right vehicle can be equally frustrating – negatively impacting the patient experience.

The significant number of medical and personal mobile devices supporting BLE technology has made it possible for healthcare facilities to better engage with their patients before, during and after each visit. Patients and hospital visitors can use their smartphones or tablets to find their destination in a complex healthcare facility of multiple buildings, floors and rooms. From the parking garage, where they are able to drop a location reminder that easily returns them to their vehicle, turn-by-turn directions and real-time map views are then provided. Lost and unhappy patients may create an even more expensive problem than the possibility of negative HCAHPS scores. When patients get lost, they often end up late for their appointment which has the potential to back up schedules and create costly inefficiencies.

Key Functionality:
- Guide patients to the appropriate location within the healthcare facility
- Assist visitors in locating a patient’s room quickly and easily
- Available as standalone solution or embedded in existing RTLS infrastructure
- Superior power efficiency
- Integrates with leading wayfinding application providers

Why CenTrak?
CenTrak’s portfolio of Enterprise Location Services is capable of supporting hundreds of unique healthcare applications. The complexity of locating assets, patients, staff and visitors in a healthcare environment requires a combination of diverse technologies to achieve maximum benefit.

Indoor navigation applications can leverage accurate location services to deliver tremendous value and ROI for healthcare.

Benefits:
- Minimize revenue loss due to late or missed appointments
- Reduce stress of navigating facility
- Increase patient satisfaction and HCAHPS scores
- Reduce time spent by staff providing directions
- Transform patient and visitor experience

CenTrak’s BLE beacons and BLE-embedded infrastructure components communicate with navigation applications on patient and visitor mobile devices to enable accurate turn-by-turn directions indoors.
**What makes CenTrak Smarter?**

**Clinical-Grade Locating™** – CenTrak’s Second Generation Infrared (Gen2IR™) delivers certainty-based location data covering rooms, beds, bays, nursing stations, hallway segments and other relevant workflow areas. Rapid location and condition updates reliably capture interactions between equipment, patients and staff within seconds.

**Multiple form factors** – Largest selection of tags including reusable, single use, infant, wander, and staff badges provide options for all types of patients and care environments.

**Multi-Mode Technology** – A unique combination of Wi-Fi, CenTrak’s Gen2IR, Low Frequency RF, UHF Active RFID, Bluetooth Low Energy (BLE), and others to future-proof investment and maximize ROI.

**Easy Installation** – Battery-powered devices are installed easily in patient care areas without the need to close rooms or deploy special infection prevention measures.

**Interoperability** – Open location platform for seamless integration with both existing and new applications including Nurse Call, Electronic Health Records, Capacity Management, Bed Management, Asset Management, Computerized Maintenance Management and Hand Hygiene Compliance

**Reliability** – Ensures critical location, condition and status updates are delivered to the application level. Enterprise-class monitoring provides at-a-glance visibility. Devices and tags are equipped with long-lasting batteries.

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### Location Adoption Model

- Presence Detection
- Zones
- Limited Certainty
- Clinical-Grade
- Sub-Room
- Application Specific

CenTrak’s Enterprise Location Services leverage multiple technologies to maximize utility and ROI.

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### Asset Tags

- Asset Tag Mini
- Asset Tag Micro
- Multi-Mode Asset Tag
- DuraTag
- Autoclave Tag

### Patient Tags

- Patient Tag Mini
- newbaby™ Umbilical Tag

### Staff Tags

- Staff Badge
- Duress Badge

### BLE Infrastructure

- BLE Beacon
- Virtual Wall™
- Monitor

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**CenTrak - Wayfinding Solutions**

For more information please visit our website www.centrak.com, email us at marketing@centrak.com or call us toll-free at 800-515-2928.

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