Enterprise Location Services™

CenTrak improves healthcare operational efficiency and the quality of patient care via the industry’s most robust and scalable Enterprise Location Services offering. CenTrak’s technology supports high velocity updates and sub-room level accuracy across the entire healthcare enterprise. Our solution is comprised of various tags, badges, sensors and technology platforms such as Infrared, Wi-Fi, Bluetooth Low Energy, Low Frequency and others. CenTrak has helped over 1,700 world-class healthcare facilities increase productivity, streamline workflows, drive higher patient and staff satisfaction as well as reduce costs.

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.
Clinical-Grade Locating™
Certainty-based and high performance location technology for healthcare

Why Gen2IR™?

Infrared (IR) is a transmission of light that is invisible to the naked eye. The CenTrak Real-Time Location System (RTLS) uses patented Second Generation IR (Gen2IR), which is proven to be the ideal technology for certainty-based (100% accurate) room-, bed- and bay-level locating – a requirement for automating healthcare workflow applications. Gen2IR filters external sources of IR (sunlight, fluorescent lighting, etc.), will not pass through walls, and is not restrained by line-of-sight requirements as tags can sense Gen2IR from any direction, even under blankets or clothing.

100% location certainty
Future-Proof Location Platform
Enterprise Location Services leveraging multiple technologies
to maximize utility and ROI

Location Adoption Model – CenTrak’s Enterprise Location Services drive the adoption of dozens of use cases via the integration of six locating technologies including:
- Gen2IR™
- UHF Active RFID
- Low Frequency (LF)
- Passive RFID
- Wi-Fi
- Bluetooth Low Energy (BLE)

Transforming Patient Care

Asset Management
Allow healthcare facilities to easily determine the exact location of tagged assets

Nurse Call Automation
Provide enhanced communication capabilities for staff and faster response times for patients

Infection Control
Track interactions between patients, staff and equipment to contain infectious outbreaks

Wander Management
Empower patients and residents with a feeling of control and freedom while ensuring their safety and security

Clinical Workflow
Enable improvements in efficiency, quality, capacity and revenues

Hand Hygiene Compliance
Help healthcare facilities better manage infection risk and report compliance

Infant Protection
Ensure newborns are protected and always properly matched with the correct mother

Staff Duress
Deploy immediate responses by instantly locating the staff member under duress

Wayfinding
Provide patients and visitors with clear and simple turn-by-turn directions directly to a user’s Bluetooth-enabled device

Environmnetal Monitoring
Meet compliance standards and prevent product loss

Asset Visibility
- Leverage existing Wi-Fi networks
- Estimated location tracking
- Low Frequency Exciters may be added to create choke points

Asset Management with Certainty-Based Accuracy
- Introduce certainty-based locating to specific rooms by installing battery-operated Gen2IR devices
- Enable asset management workflow applications

Clinical-Grade Locating™
- Certainty-based accuracy at the bed, bay, and chair-level
- Rapid location update speeds
- Automate clinical workflow applications
- Extreme battery life

Asset Visibility to Workflow Automation
CenTrak’s RTLS platform offers the ultimate flexibility to future-proof investment and maximize ROI.

CenTrak’s Enterprise Location Services drive the adoption of dozens of use cases via the integration of six locating technologies including:
- Gen2IR™
- UHF Active RFID
- Low Frequency (LF)
- Passive RFID
- Wi-Fi
- Bluetooth Low Energy (BLE)
Product Portfolio

 Asset Tags

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

Environmental Monitoring

Environmental Sensor  Environmental Sensor LCD

Staff Badges

Staff Badge  Duress Badge

Infrastructure Components

Virtual Wall™  Monitor

Patient Tags

Patient Tag Mini  newbaby™ Umbilical Tag  newbaby™ Tag Micro  newmom™ Tag  31-Day Tags  Infant Secure Tag  Adult Secure Tag

CenTrak – Enterprise Location Services™

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.