Enterprise Location Services for Operating Room Workflow

Enable significant improvements in Surgical Department efficiency, quality, capacity and revenues.

Knowing the real-time location and status of your patients and resources is fundamental to orchestrating more efficient, high-quality perioperative care. CenTrak's Enterprise Location Services™ leverages the only Real-Time Location System (RTLS) specifically engineered to handle the speed, precision and rigors of today's healthcare environment.

Without knowing the location, movement and interactions of your patients, staff and critical operating room (OR) assets, process improvement is virtually impossible. However, once the department has accurate visibility into this real-time information, it can apply sophisticated rules to provide true workflow automation. This process improvement and streamlined operation enables enhanced patient care, resulting in higher satisfaction and increased OR utilization.
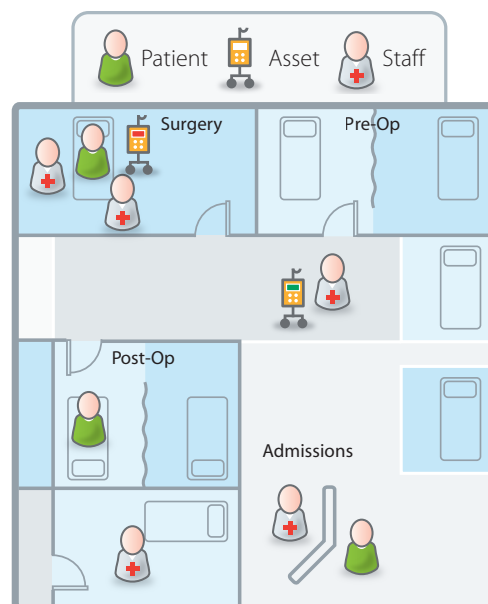
Track All Your Critical Assets

CenTrak's Clinical-Grade Locating™ technology automates manual tracking systems, providing location and time-specific data such as case status, milestones, patient location and department work queues (waiting room, pre-op, inter-op, PACU and post-op). Automating these events, without having to wait for a clinician to update a case status, provides immediate insights into the department – reducing stress, improving efficiency and directly improving the overall bottom line.

By using RTLS to better track and manage your patients, staff and equipment, surgical departments can realize greater savings and improved efficiencies to increase patient capacity, throughput and revenues. For example, by reducing the time spent searching for critical assets, staff utilization improves as nurses can quickly find and stage your OR equipment. Additionally, the ability to locate equipment instantly enables Biomedical Engineering to increase the speed of maintenance. Other benefits include reducing shrinkage, as well as improving equipment utilization such as surgical tray distribution through the use of autoclave-capable tags.

Why CenTrak?

CenTrak's Second Generation Infrared (Gen2IR™) delivers certainty-based location data at the room-, bed-, bay- and chair-level. Our visibility platform provides rapid location updates, extreme battery life and fully waterproof tags while integrating with hundreds of healthcare applications.

No other RTLS solution provides this level of performance and interoperability, making CenTrak the ideal technology to support the rigorous demands of high acuity departments.

Automatically capture interactions and associate staff, patients and mobile medical equipment to automate perioperative workflow

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.

Product Portfolio

Patient Tags

Patient Tag Mini	31-Day Tags	newbaby™ Umbilical Tag	Personal Safety Bracelet

Asset Tags

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

Staff and Duress Badges

Staff Badge	Duress Badge	Man-Down Duress Transmitter	Personal ID Badge

Environmental / Temperature Sensors

Environmental Display Sensor	Environmental Sensor

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