

*Enable improvements in Emergency Department efficiency,
quality, capacity and revenues.*

Knowing the physical location of your patients and resources is fundamental to orchestrating high-quality care in an emergency department (ED). 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.

Emergency departments must continue to improve their efficiency and streamline their operations as patient census levels rise each year. Knowing the location of patients and resources is the most fundamental need for departmental efficiency. Without this information, process improvement is virtually impossible and chaos reigns. However, once the department possesses accurate real-time data about the location, movement and interaction of patients, staff and resources, it can better understand ED operations and apply sophisticated rules to provide true workflow automation. This process improvement and streamlined operation enables enhanced patient care and satisfaction.

Track All Your Critical Assets

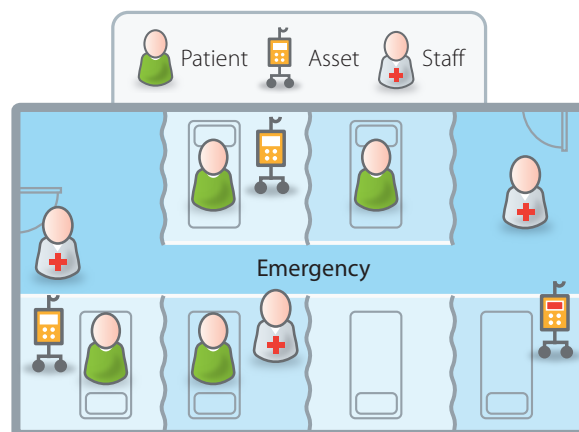
CenTrak's Clinical-Grade Locating™ technology automates manual tracking systems, providing location and time-specific data such as where patients are, who's waiting to be triaged, waiting for a nurse, ready for discharge, at CT or X-Ray, etc. Automating these typical emergency events benefits the department both in real-time and in retrospect.

Using RTLS to better track and manage patients, staff and equipment, the ED can realize greater savings and improved efficiencies to increase patient capacity, throughput and revenues. With the addition of an asset tracking and management solution, you can automatically associate mobile medical equipment with patients and beds to improve ED throughput, automate PAR-level management to ensure assets are readily available when you need them, improve equipment utilization and maintenance, as well as reduce time searching for equipment and shrinkage.

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 the emergency department.



*Automatically capture interactions and
associate staff, patients
and mobile medical equipment to
automate ED 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



Asset Tags



Staff and Duress Badges



Environmental / Temperature Sensors



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