Nurse Call Automation

Increase staff productivity and satisfaction while improving patient care.

Adding accurate location information to the Nurse Call system provides enhanced communication capabilities for staff, faster response times for patients and a more hands-free approach to patient care. CenTrak’s Clinical-Grade Locating™ capabilities are powered by Second Generation Infrared (Gen2IR™) to deliver certainty-based location data and rapid updates. These systems work simultaneously to create substantial gains in workflow efficiency.

Response times and hospital efficiency plays a critical role in how well caregivers can meet their patients’ needs. However, the time spent doing paperwork, manual data entry or searching for support staff, can create bottlenecks in clinical workflow. In order to enhance patient care, workflows must be streamlined and the communication between nurses, doctors and staff improved.

The interoperability of Nurse Call and CenTrak’s Real-Time Location System (RTLS) technology automates staff locating and event handling, allowing caregivers to focus more time on the patient. Administrators also benefit from the extensive data that is collected for reporting and analysis. With this information, healthcare facilities can better examine how care is delivered and identify new ways to improve processes and procedures.

**Key Functionality:**

- Automate call cancellation
- Automatic illumination of dome light for staff presence
- Time-stamp staff presence
- Document response times and length of visit
- Facilitate staff rounding
- Generate patient and staff interaction reports
- Trigger clinical events from a CenTrak staff badge

Nurse Call with CenTrak’s RTLS simplifies locating and communicating with staff, cancelling calls and automatically initiating clinical workflows such as nurse rounding procedures. The result is more efficient and coordinated processes that translate into faster response times and improved patient care.

**Benefits:**

- Improves workflow
- Increases patient and staff satisfaction
- Enhances patient and staff safety
- Reduces the number of patient calls
- Provides supporting documentation when needed
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**

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

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

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**Patient Tags**

- Patient Tag Mini
- newbaby™ Umbilical Tag
- 31-Day Tags

**Asset Tags**

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

**Staff Tags**

- Staff Badge
- Duress Badge

**Spectrum Sensors**

- Environmental Sensor
- Environmental Sensor with LCD Screen
- Ambient Temperature & Humidity Sensor

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**CenTrak – Nurse Call Automation**

For more information please visit our website [www.centrak.com](http://www.centrak.com), email us at [marketing@centrak.com](mailto:marketing@centrak.com) or call us toll-free at 800-515-2928.