

CASE STUDY:
Mission Hospital

- 552-bed facility in southern California with two campuses
- **Rate of lost or stolen devices dropped from 13.8% to 0%**
- **\$150,000 to \$200,000 annual savings** due to the reduced rate of lost or stolen devices
- **More than 50% increase in nursing satisfaction** relative to equipment availability
- **Significant increase in equipment utilization**

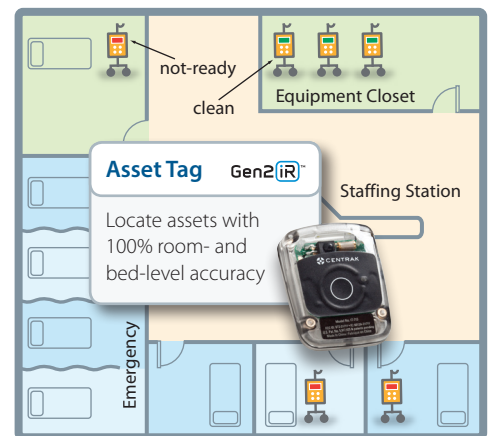
Major Southern California acute-care facility realizes significant savings and new efficiencies with CenTrak RTLS

Background

- Mission experienced substantial inefficiencies relating to moveable medical equipment and its management.
- Equipment shrinkage exceeded \$150,000 annually, and rental costs were excessive.
- Nursing, BioMed and Equipment Management staff spent a great deal of time searching for equipment.
- The extensive searching for equipment caused the staff to hoard equipment.
- There was no reliable way to determine equipment utilization and purchasing needs.

RTLS Solution

- Mission Hospital hired VIZZIA Technologies, an RTLS solution provider, to solve these equipment distribution and maintenance problems.
- VIZZIA Technologies selected CenTrak's Second Generation Infrared (Gen2IR™) and Active-RFID system to track the location, cleaning and maintenance of its moveable medical equipment, resulting in significant savings for the hospital.
- VIZZIA Technologies deployed the system and configured its own unique software to deliver an end-to-end asset management solution.
- CenTrak was chosen because of its industry-leading performance and ease of deployment. Key features include:
 - 100% accuracy at the room- and bay-level
 - Near immediate location update speeds (as fast as 1.5 seconds)
 - Wire-free infrastructure



Using the CenTrak's Second Generation Infrared (Gen2IR™), Mission Hospital is now able to track the location, cleaning and maintenance of its moveable medical equipment

Return on Investment and Results

- Rate of lost or stolen devices dropped from 13.8% to 0%.
- Annual savings of \$150,000 to \$200,000 due to reduced rate of lost or stolen devices.
- Nurse satisfaction increased more than 50% relative to equipment availability.
- Staff no longer hoarded equipment, making the equipment readily available.
- Significant increase in equipment utilization.

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.

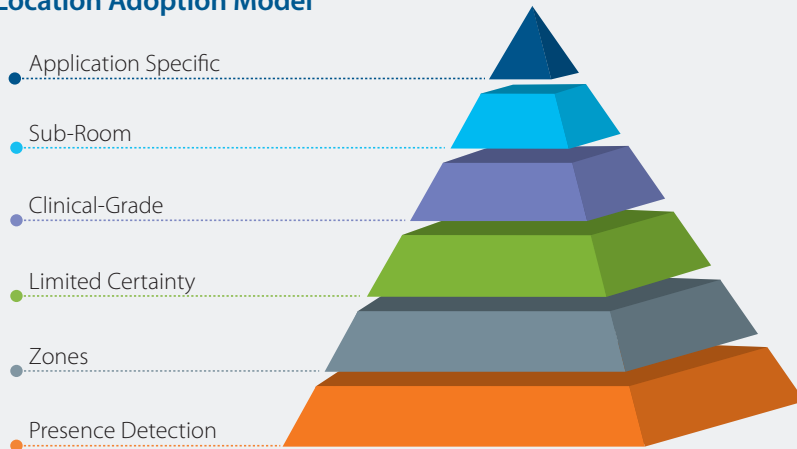
Multi-Mode Technology – A unique combination of Wi-Fi, CenTrak's Gen2IR, Low Frequency RF, UHF Active RFID, Bluetooth Low Energy (BLE), and others to future-proof investment and maximize ROI.

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.

Location Adoption Model



- Hand Hygiene
- Capacity Management
- Staff Location
- ED Workflow
- Perioperative Workflow
- Asset Management
- Staff Duress
- Nurse Rounding
- Patient / Infant Safety
- Sterile Processing
- Asset Security
- Asset Tracking
- Wayfinding
- Inventory Management
- Nurse Call Automation
- Contact Tracing

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

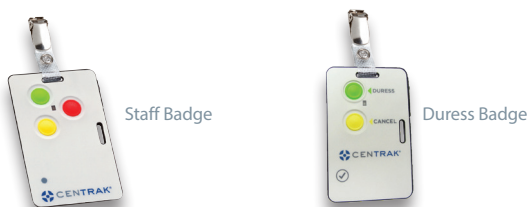
Patient Tags



Asset Tags



Staff Tags



Temperature / Environmental Sensors



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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