

# Healthcare Real Time Location System

Improve healthcare operational efficiency and the quality of patient care via the industry's most robust and scalable Enterprise Location Services

Hospital RTLS by Arrowfinch uniquely combines the industry's most accurate RTLS system with a proven security platform. Our solution is comprised of various tags, badges, sensors and technology platforms such as Second Generation Infrared, Wi-Fi, Bluetooth Low Energy, Low Frequency, Advanced Ultrasound, and others. Just one infrastructure to install and manage making it most practical asset visibility solution available today. Know the location of every asset in your facility in real-time, and prevent loss, increase productivity, streamline workflows, drive higher patient and staff satisfaction, protect critical asset from exposure to out-of-range environmental levels as well as reduce cost.



**Clinical-Grade Locating:** Second Generation Infrared (Gen2IR™) delivers certainty-based location data covering rooms, beds, bays, nursing stations, hallway segments and other relevant workflow areas.

**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, Gen2IR, Low Frequency RF, UHF Active RFID, Bluetooth Low Energy (BLE), IRUS™ 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.

**Reliability:** Enterprise-class monitoring provides at-a-glance visibility. Devices and tags are equipped with long-lasting batteries.





### Asset Tracking

- Room-level accuracy to support PAR-level mobile medical equipment management
- Reports showing asset movement, alarms generated and prevented thefts
- Integration with elevators, door locks and security cameras
- Escalating system of alerts and security measures as assets approach doors and elevators.
- Integrates with CMMS



### Patient Tracking

- Improves patient care and safety
- Increases capacity and patient flow
- Manage patient wandering for increased safety and security of patients, residents and infants
- Enhances patient experience
- Integrates with high acuity applications
- Solutions available to provide room-, chair- and bed-level accuracy



### OR/ ED Workflow

- Identifies the closest caregiver and documents response time
- Captures data for calculating time spent with patients for billing
- Records time at the bedside to measure productivity
- Facilitates staff rounding to help improve HCAHPS scores
- Integrates with EMR and Nurse Call applications
- Ensures staff and patient safety with immediate notifications



### Environmental Monitoring

- Reliable and accurate wireless temperature, humidity and air pressure sensing
- Generates automated compliance reports
- Visual or audible alerts when measurements are above or below set parameters
- Covers -200 °C to 200 °C with 0.5 °C accuracy
- Plug-and-play, no wiring
- Onboard data storage even when out of network
- Leading digital sensing and NIST certification



Asset Tag    Staff Badge    Patient Tag    Environmental Sensors

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