REAL-TIME LOCATING SYSTEM

Asset Tracking + Management
Inefficient equipment workflow is a real cost to health systems today. Typical hospital assets (like IV pumps) sit idle 60-70% of the day*, yet nurses and biomedical teams struggle to find the equipment they’re looking for. Searching for equipment wastes time, hinders productivity and delays patient care.

A real-time locating system (RTLS) helps you not only find equipment, but optimize inventories, increase equipment utilization and reduce overall capital expenditures with the power of accurate data ... all contributing to a positive patient experience.

Be sure that your staff has the equipment they need—when they need it—with Midmark RTLS.

*Acceptable industry average, Midmark RTLS customer feedback.
Asset tracking: a solid foundation to build on

Easily locate equipment with RTLS to improve biomedical and nursing team efficiency.

QUICKLY LOCATE ASSETS.
The sortable data on the Enterprise View™ List allows you to quickly find assets and view preventive maintenance (PM) dates and expiration dates for warranties and batteries.

VISUALIZE ASSET LOCATIONS.
Enterprise View™ Floorplans graphically represent the locations of mobile medical equipment in key areas of your facility.

ANALYZE ASSET DATA WITH REPORTS PLUS™ ANALYTICS.
Take the guesswork out of asset-related decision making. Reports Plus™ Analytics includes a full suite of reports for asset tracking, including:

- Last Known Location
- Utilization by Location
- Preventive Maintenance
- Movement History
- Census
- Location Activity
- Low Battery
Enhance asset tracking with optional, advanced functionality

Add rules-based automation and integrations to proactively manage equipment. Supports up to 60 asset types (e.g., IV pumps and wheelchairs).

Add location intelligence to your CMMS or EAM.
Reduce the need for multiple applications by displaying location information in your existing asset management system (may require services from CMMS/EAM vendor).

Effortlessly communicate recalls.
Marking an asset as recalled visually communicates on all Midmark RTLS views that the equipment should not be used in patient care until PM status is corrected.

Integrate temperature monitoring.
Add your temperature/environmental monitoring dashboard to the Midmark RTLS Enterprise View.

Optimize inventory with par-level asset management.
Visually manage periodic automatic replenishment (PAR) and know at a glance which units are running low on key assets and which are overstocked.

Send alerts for patient safety.
If an asset that’s been designated for recall or is past its PM date is detected in a patient room, send alerts to designated workstations.

Reduce inventory shrinkage with exit alerts.
Send alerts when assets are seen near areas where they may exit the facility.

Send alerts for patient safety.
If an asset that’s been designated for recall or is past its PM date is detected in a patient room, send alerts to designated workstations.

Visually manage periodic automatic replenishment (PAR) and know at a glance which units are running low on key assets and which are overstocked.

Add rules-based automation and integrations to proactively manage equipment. Supports up to 60 asset types (e.g., IV pumps and wheelchairs).
“With RTLS, staff no longer spend time searching for equipment—instead, they use that time to provide direct patient care, to efficiently maintain assets for safer patient care, or to perform other value added tasks.”

Tim Killmer
Information Systems Analyst
Billings Clinic
Wired and wireless network options to achieve your goals

What level of locating precision do you need? Midmark RTLS provides both precise and general locating designed to suit your specific goals.

BEGIN WITH WI-FI, REFINE WITH INFRARED
Maximize your existing IT investment by leveraging Cisco® infrastructure to identify the general location of tagged assets throughout your hospitals.

In areas where the precise location of equipment is necessary (e.g., patient rooms or supply closets for PAR-level alerting), install infrared (IR) sensors, available in both wired or battery-powered options.

WIRED SENSORY NETWORK
High precision. Discreet IR and radio frequency (RF) sensors. Once installed, little to no maintenance is required.

- Sensor size: 2.75”W x 1”D
- Lowest total cost of ownership of any RTLS on the market
- Our most widely deployed high frequency sensor (in its fifth generation)
- Easily achieves room-, bed- and chair-level accuracy

WIRELESS SENSORY NETWORK
Easy to install, battery-powered IR sensory network. No wiring necessary.

- Sensor size: 6”W x 2.625”D x 5”H
- Transmits location data without burdening your Wi-Fi network
- Battery-operated sensors (uses three standard D Cell batteries, 2-3 year battery life)
- Easy sensor installation with no wiring required
- Easily achieves room-, bed- and chair-level accuracy

WI-FI LOCATING
Combine wired or wireless sensors with your Cisco® Wi-Fi network for economic, scalable and effective real-time locating.

- Wi-Fi Asset Tag emits both Cisco® CCX and infrared locating signals
- Cisco® MSE (8.0+) or Cisco® CMX (10.3.1+) required
- Cisco® environment must be calibrated for Locating Services
- Achieves general location accuracy (zone-level)

A simple and powerful design for reliable locating

Finding equipment for patient care has never been easier than with our line of Asset Tags, all powered by RTLS.

LEVERAGE WI-FI FOR ENTERPRISE VISIBILITY WITH OUR WI-FI ASSET TAG.
The Wi-Fi Asset Tag combines IR and Wi-Fi RTLS for hospital-wide visibility plus precision where you need it.

- Size: 1.6”W x 0.7”D x 1.4”H
- Weight: 1.0 oz with battery
- Ingress Protection: IP67 dust and moisture resistance
- Battery: SONY®/Murata CR2477 lithium coin cell
- CCX Frequency: 802.11 (2.4 GHz)
- Battery Life: Up to 18 months

PRECISE LOCATING IN TWO DISTINCT SIZES.
The Asset Tag and Mini Asset Tag offer reliable IR RTLS technology for room-level (or better) accuracy.

ASSET TAG
- Size: 2.41”W x 0.563”D x 1.375”H
- Weight: 0.9 oz with battery
- Ingress Protection: IP53 water/dust sealed
- RF Frequency: 433 MHz; IR Wavelength: 875 nm, 455 kHz
- Battery: SONY®/Murata CR2477 lithium coin cell
- Battery Life: Up to 2 years depending on time in motion

MINI ASSET TAG
- Size: 1.75”W x 0.725”D x 1.25”H
- Weight: 0.8 oz with battery
- Ingress Protection: IPX6 moisture resistance
- RF Frequency: 433 MHz; IR Wavelength: 875 nm, 455 kHz
- Battery: SONY®/Murata CR2477 lithium coin cell
- Battery Life: Up to 2 years depending on time in motion

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PMP-CERTIFIED, EXPERT PROJECT MANAGEMENT TEAM

Our highly knowledgeable and experienced implementation team uses a documented and proven methodology for deploying Midmark RTLS in the clinical environment. We’ll work with you every step of the way to ensure a successful implementation that exceeds your goals.

COMPREHENSIVE EDUCATION, BOTH ONSITE + OFFSITE

An experienced nurse educator from our Clinical Solutions Consulting team will conduct onsite training for super users on best practices for tagging assets, using software and running reports. We also provide a three-day System Analyst Training class at our Education Center in Michigan that will enable your team to support the Midmark RTLS through go-live and beyond.

EXTENSIVE, TIME-TESTED WORKFLOW EXPERTISE

Our Asset Tracking + Management solution has helped countless hospitals around the U.S. proactively manage asset inventories and improve equipment utilization. Midmark RTLS provides the proven expertise that your hospital needs to effect positive change using accurate, reliable technology.
HEALTHCARE SYSTEMS INTEGRATION
Create a seamless healthcare ecosystem by integrating Midmark RTLS with your EMR and other healthcare systems, such as computerized maintenance management systems (CMMS), enterprise asset management (EAM), nurse call, patient engagement and temperature monitoring.
midmark.com/integrations

CONSULTING SERVICES
Using data, insight, experience and technology, the Midmark consulting team helps you rethink and refine your asset inventory replenishment models to improve equipment utilization. Our consultants can help you leverage data collected via the Midmark RTLS to make valuable process improvements.
midmark.com/consulting

SCALABLE SOLUTIONS
In the hospital setting, Midmark RTLS can do much more than locate equipment. Protect and empower nursing and other staff with Staff Assist (mobile panic button) and optimize workflow in the ED, OR and throughout the hospital. Each of these solutions is a perfect complement to Asset Tracking + Management.
midmark.com/safety-solutions
midmark.com/acute-workflow-solutions

Additional products to consider