Your equipment – in the right place, at the right time for patient care

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

QUICKLY LOCATE ASSETS.
The sortable data on the Enterprise View® List allows you to quickly find assets and view preventive maintenance (PM) dates as well as other asset details.

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

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 interfaces to proactively manage equipment.

**PAR Level Management**

- Visually manage assets with periodic automatic replenishment (PAR) levels to know at a glance which units are running low on key assets and which are overstocked.
- Keeping tabs on equipment inventory allows hospitals to use equipment to its fullest capacity and save on unnecessary equipment expenditures, a valuable benefit as hospitals work towards financial recovery from the COVID-19 pandemic.

**OPTIMIZE INVENTORY WITH PAR LEVEL MANAGEMENT.**

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

Keeping tabs on equipment inventory allows hospitals to use equipment to its fullest capacity and save on unnecessary equipment expenditures, a valuable benefit as hospitals work towards financial recovery from the COVID-19 pandemic. PAR Level Management is easily configurable and scalable to fit each facility's specific goals and needs.

**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.

**VISUALLY MANAGE PM ACTIVITY.**

When PM dates are entered into the system, the Enterprise View® list highlights any asset nearing or past its PM date.

**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.

**ADD LOCATION INTELLIGENCE TO YOUR CMMS.**

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

**INTEGRATE TEMPERATURE MONITORING.**

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

**SIMPLIFY ACCESS WITH ACTIVE DIRECTORY.**

Interface Midmark RTLS Authentication Manager with your facility’s Active Directory database to easily manage access to RTLS applications.
“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.”
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 a 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: 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: 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: Murata CR2477 lithium coin cell
• Battery Life: Up to 2 years depending on time in motion
What you get with Midmark

PMP-CERTIFIED, EXPERT PROJECT MANAGEMENT TEAM

Our highly knowledgeable and experienced implementation team of certified Project Management Professionals 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 your Midmark RTLS through go-live and beyond.

EXTENSIVE, TIME-TESTED WORKFLOW EXPERTISE

Our Asset Tracking + Management solution has helped countless hospitals around the US 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 INTERFACES

Create a seamless healthcare ecosystem by interfacing Midmark RTLS with your EMR and other healthcare systems, such as computerized maintenance management systems (CMMS), nurse call, patient engagement and temperature monitoring.

midmark.com/interfaces

SUCCESS COACHING

Using data, insight, experience and technology, the Midmark Success Coaching team helps you rethink and refine your asset inventory replenishment models to improve equipment utilization. Our Success Coaches 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