



Smarter RTLS Starts with Existing Systems

Based on HL7 v3 standards, bi-directional communication between CareFlow RTLS and Epic enables real-time location updates for patients, staff and equipment in the EMR, bringing location intelligence to life directly inside the system clinicians are already using. For full details, refer to the [CareFlow RTLS EMR Interface to Epic Product Brief](#).

CENTRALIZE PATIENT REGISTRATION + BADGE ASSIGNMENT

An inbound badge assignment interface to CareFlow from Epic simplifies patient registration by assigning Midmark RTLS badges directly in Epic, without duplicate data entry.

EXCHANGE REAL-TIME DATA WITH EPIC

With an outbound EMR interface to Epic (VER-8935-ETB), enable real-time location updates and timestamps in Epic modules such as Grand Central, OpTime, ASAP and more.

- **Enhance operational visibility** by keeping the entire care team up to date with real-time location information for patients, staff and medical devices in Epic.
- **Improve patient flow and staff productivity** by automating bed assignments and transfers based on patient location.
- **Optimize documentation and efficiency** using location data to automate manual tasks and timestamp patient events.
- **Improve staff and patient experiences** through more efficient, responsive care delivery.
- **Maximize ROI** by extending the value of existing Epic and RTLS investments.

BENEFITS AT A GLANCE:

- Reduce manual data entry
- Accurately capture timestamps of patient milestones
- Centralize processes
- Speed up bed assignments and transfers
- Drive greater efficiency



Epic
TOOLBOX
2026



Epic TOOLBOX UNDER CONSTRUCTION

“The clinicians love [the CareFlow™-Epic integration]. They love the rapid transfer response time. By the time the nurse logs on to her computer at the bedside, the patient is already loaded in her list and she can do her assessment. She doesn't have to wait for the secretary to bed the patient.”

Support Analyst
Memorial Hospital Miramar

HYBRID RTLS: PRECISION WHERE YOU NEED IT, LOWER TOTAL COST OF OWNERSHIP

When considering technologies for providing location data to Epic, health systems must critically evaluate the need for precision data. Midmark RTLS provides room-certain location information via infrared (IR) technology, near-room data via Bluetooth® Low Energy (BLE), as well as hybrid options that combine both technologies.

Unlike other RTLS technologies that require complex, costly installations to achieve the necessary precision for EMR automation, the Midmark RTLS Hybrid Sensory Network delivers the best balance of precision and price, providing the accuracy needed in patient care areas for automation events, while relying on BLE elsewhere to provide general visibility to location data and staff duress events facility-wide. This results in a lower total cost of ownership.



CASE STUDY: LEVERAGING INTEGRATION TO IMPROVE EFFICIENCY

In its 2024 RTLS report “How Organizations are Broadening Their Use Cases,” KLAS featured a case study on CareFlow RTLS user Memorial Healthcare System. Memorial, who implemented the first CareFlow-Epic interface in 2012, indicated they are experiencing positive ROI with improved patient throughput, enhanced staff safety, streamlined asset management and increased cash collections.

STAFF DURESS INTERFACE CURRENTLY UNDER CONSTRUCTION

In addition to the standard RTLS integration, CareFlow™ RTLS is also Under Construction in the new Epic Toolbox Staff Duress category, supporting the delivery of RTLS staff duress alerts through the Epic push notification network.

RELIABLE DATA FOR EPIC SINCE 2012

When it comes to adopting a real-time locating system (RTLS) to drive automation in the EMR, reliability and location accuracy are paramount. When integrating CareFlow with Epic, the benefits of accuracy, timeliness and granularity set Midmark RTLS apart from others in the market.

With more than three decades of experience developing, driving and delivering comprehensive solutions, Midmark RTLS understands the importance of quality location data for clinical workflow and how it maximizes efficiency in the EMR.

The first CareFlow integration with Epic was deployed in 2012, and Midmark CareFlow RTLS received Epic Toolbox designation in 2025. This integration that meets Epic recommended practices affirms our commitment to streamlining clinical workflows and enhancing patient care through innovative technology.

TOTAL COST OF OWNERSHIP

Estimation based on industry comparison

