



BROCHURE | HEALTHCARE RTLS

Real-Time Location Systems for Healthcare



Real-Time Location Systems (RTLS) are increasingly recognized for their ability to streamline healthcare operations and improve patient care. By providing real-time data on the whereabouts of equipment, staff, and patients, RTLS enables healthcare facilities to deliver better care while protecting their staff, patients, and assets.

Real-Time Solutions for Real Human Impact

Among the benefits of using RTLS in Healthcare are

-  Enhanced safety of staff and patients
-  Reduced critical response times
-  Improved management of patient flow
-  Optimized utilization of assets

Our Healthcare RTLS Solutions

-  Staff Duress
-  Senior Living
-  Patient Flow
-  Staff Workflow
-  Wander Management
-  Asset Tracking

Staff Duress

Safeguarding Healthcare Teams at the Push of a Button

Healthcare staff regularly encounter high-stress situations that may require urgent assistance. With Litum's Staff Duress solution, help is a button press away, ensuring a rapid response and enabling a safer working environment.

Benefits

- Decreased response times for first responders through precise staff location data
- Improved staff safety with a reliable real-time alert mechanism
- Seamless integration with existing security infrastructure to ensure a rapid response and ease of use for security professionals

48%

nurses encounter violence

Almost half of nurses encounter violence in the workplace, highlighting the need for enhanced staff safety measures.

- McKinsey & Company



Patient Flow

Enhancing Care Paths with RTLS-Enabled Flow Management

Inefficiencies in patient movement can lead to congestion, particularly in critical areas like Emergency and Operating Rooms, stretching resources thin. Litum's Patient Flow solution empowers healthcare facilities to manage and monitor patient progression from admission to discharge, improving care pathway efficiency.

Benefits

- Reduced bottlenecks and smoother patient transitions within the facility
- Optimized care pathways and resource planning, informed by historical data analysis
- Automated patient registration, admission, and discharge processes
- Minimized waiting times for patients, leading to increased satisfaction and improved quality of care
- Optimized bed turnover through bed availability and patient status tracking in real time, reducing delays in admissions and facilitating timely discharges
- Enhanced patient safety through tracking patient movement and enabling automated alerts, helping to prevent errors and reduce the risk of adverse events

40%

cut in patient response times

Implementing RTLS with automated features can cut patient response times by up to 40%, allowing staff to dedicate more attention to care.

- Healthcare IT News



Wander Management

Empowering Caregivers in Managing Patient Wandering

Patients with cognitive challenges are at risk of wandering, creating safety concerns for the families and the staff alike. Litum's Wander Management system addresses this concern by providing immediate tracking and alert capabilities, ensuring the protection of these vulnerable individuals.

Benefits

- Increased patient safety through continuous monitoring with secure, tamper-proof tags
- Improved care strategies through comprehensive analysis of patient interactions and care patterns
- Enhanced patient well-being through real-time oversight and proactive care within the facility

Senior Living

Improving Care of Seniors Through Location and Activity Insights

Residents in senior living, assisted living, and memory care centers often require vigilant care and robust safety measures to ensure their well-being. Litum's Senior Living solution meets this critical need by offering real-time location tracking and alert capabilities, enhancing the well-being and security of individuals in these environments.

Benefits

- A safer environment for seniors with instant alerts for wandering or emergencies
- Optimized staff allocation and response times, improving resident care
- Enhanced safety and swift assistance through immediate fall risk notifications
- Improved decision-making guided by actionable data insights
- Peace of mind for families through transparency and real-time updates on their loved ones

Staff Workflow

Streamlined Resource Allocation for Enhanced Care

Inefficient resource allocation can lead to increased wait times and compromised patient safety. Staff Workflow offers real-time insights into staff locations, helping optimize resource distribution.

Benefits

- Faster care responses by strategically positioning staff based on real-time needs
- Reduced risk of staff burnout through equitable workload distribution
- Improved quality of care and operational workflow through accurate, real-time location data
- Streamlined hourly nurse rounding management, facilitated by comprehensive reports and timely reminders

Asset Tracking

Efficient Equipment Management for Better Care

Locating and managing mobile medical equipment (MME) efficiently is a significant challenge, impacting patient care. Litum's Asset Tracking solution ensures that essential equipment is always ready and findable.

Benefits

- Significantly reduced time spent on searching for equipment
- Minimized risk of equipment theft and loss via instant alerts for unauthorized movements
- Higher equipment utilization and avoidance of unnecessary capital expenses
- Enhanced operational efficiency with quick access to necessary medical assets
- Streamlined compliance and maintenance processes for MME, ensuring timely achievement of 100% device recall and maintenance

10 – 20%

of hospital's mobile assets are lost or stolen

Between 10% and 20% of a typical hospital's mobile assets are lost or stolen during their useful life, each costing nearly \$3,000 on average.

- AMR Research

A Decade in Location-Based Healthcare Systems

Litum has been delivering location-based solutions for healthcare settings for almost 10 years.

Innovation and Growth Since 2004

Choosing Litum for your healthcare RTLS means opting for proven expertise and innovation spanning two decades. With deployments across 50+ countries, our RTLS solutions are informed by global best practices, complex use cases, and hundreds of on-site experiences.

Precise Location Accuracy

At the heart of Litum's RTLS solutions lies our unparalleled precision in location tracking. Litum's Ultra-Wideband (UWB) technology offers centimeter-level accuracy, which is critical in the dynamic and often complex healthcare environments. This precision enhances oversight of medical equipment, staff, and patient whereabouts, minimizing the time required to locate assets and facilitating faster responses in urgent situations.

Seamless Integration

Litum's healthcare solutions are crafted for effortless integration, enabling healthcare facilities to enhance their workflows and adapt to the ever-evolving demands of healthcare delivery. Choosing Litum means choosing a system that supports the essential, everyday goal of better healthcare.

Focus on Improving Care

When it comes to healthcare, the ultimate goal is to improve the quality of care. Litum understands this deeply and has engineered Real-Time Location Systems to enhance not just operational efficiencies but also the safety and well-being of patients and staff. Litum solutions can address some of the longstanding challenges in healthcare, and significantly improve the outcomes of care delivery.

Scan to watch how it works

