



Sonitor Sense™ Real Time Location System (RTLS) Building Incremental Value on Your Investment

RTLS has become a critical tool in healthcare to enable locating, monitoring of tasks and events, and tracking the movement of people and medical equipment. As RTLS use cases continue to evolve, the importance and value they bring to healthcare also continues to grow. Just as no one could have predicted the global impact of COVID, and other global pandemics, it is impossible to predict all the future use cases RTLS can enable. What's critically important, therefore, is to ensure that your RTLS technology platform is built on a solid, high performing and quality technology foundation, such as Sonitor Sense that can be further developed, innovated, and improved.

The data derived from RTLS can be leveraged and analyzed to help healthcare facilities:

-) Drive operational efficiency
-) Reduce costs
-) Increase staff and patient safety
-) Increase staff and patient satisfaction
-) Improve workflow
-) Drive higher revenue

Below are examples of Sonitor Sense RTLS-enabled use cases and their benefits:

Use Case	Description	Benefit
Nurse Call Integration	Automatic nurse call cancellation or escalation based on staff presence.	- Nurses are free to immediately attend to the patient's clinical needs. - Accurate time and activity stamps. - Manual intervention and documentation needs eliminated.
Nurse Rounding	Automated Nurse Rounding notifications.	- Patient safety and satisfaction. - Visual dashboards facilitate time requirements. - Accurate reporting.
Equipment Management	Real-time tracking and management of mobile equipment, such as infusion pumps, portable imaging equipment, wheelchairs, beds, and laboratory equipment.	- Equipment asset utilization optimized. - Excess rentals avoided. - Improved maintenance turnaround and ease of Joint Commission-compliance. - Ready-for-use assets can be easily located when needed.
Emergency Department (ED) Workflow	Real-time tracking of patients and mobile resources throughout the ED visit (Ex. Trauma rooms and Stroke stat).	- Wait times are decreased. - Bed as well as utilization of other limited resources, (i.e., treatment rooms, etc.) is enhanced. - Workflows are enhanced, better managed, costs are lowered, and significant financial returns are realized. - Ambulance diversions and patient elopements are minimized or eliminated. - ED wait times are reduced and the number of patients who leave before being seen decreased by as much as 30%.
Surgery/Operating Room (OR) Workflow	The surgery department is continually adjusting schedules to deal with emergencies, cancellations, and surgeries that run long. By employing RTLS in both the perioperative areas and the operating rooms, the facility's surgical schedule is automatically updated.	- All stakeholders, including family members, are automatically and in real time apprised about the patient progress through the OR process. - OR utilization and throughput are greatly enhanced, producing significant financial return. - Staff activity and utilization is properly documented for capacity management and billing purposes. - Increased family/patient satisfaction.
Patient Rooms (Smart Rooms)	Caregivers' time with specific patients automatically logged. Caregiver ID automatically displayed to patients. Integration with patient engagement solutions (ex. GetWellNetworks).	- Enhanced patient safety and satisfaction. - Automation of caregiver documentation.
Bed Management	Quick, automated identification of empty/dirty room.	- Faster room turnover. - Enhanced EVS (Environmental Services) satisfaction and efficiency. - Eliminates need for 'manual' calls to EVS. - Increases caregiver efficiency and productivity.

Patient Discharge	If patients are wearing tags, the discharge process is automated by putting their tag in a drop box with a real-time location transmitter.	➤ Faster room turnover. ➤ Minimized tag loss. ➤ Increased EVS efficiency and productivity.
Hand Hygiene (Infection Control)	Typical scenarios: Real-time automated basic monitoring of dispense frequencies. Real-time automated monitoring of dispense frequencies associated with individuals.	➤ Enhanced safety and compliance. ➤ Monitoring who dispenses, how much and when. ➤ Efficiency a productivity. ➤ Ensures dispensers do not run out of liquid.
Contact Tracing (Infection Control)	Contact between patients and staff is automatically monitored and logged.	➤ Allows for better management and prevention of the spread of contagious diseases.
Automatic Caregiver Computer Logon/ Logoff (Single Sign-On) (Smart Rooms)	Caregiver's presence near and/or in the same room as a computer is used to initiate automatic log-on to the screen relevant to e.g., patient in same room or bed. Automatically introduces caregiver to patient and/or to induce hand sanitation. Automatic computer log-off is executed when caregiver moves away from a pre-determined log-on zone.	➤ Saves time and provides less touch to log-on to a computer. ➤ Increased patient and staff safety and satisfaction. ➤ Automated workflow reduces risk of documentation errors. ➤ Ensures HIPPA compliance.
Safety and Staff Duress	Easy access to discrete button press for needed help.	➤ Discrete button press ensures reduced patient agitation/escalation. ➤ Ensures staff gets help in exact location needed as quickly as possible.
Patient Flow	Automated patient registration. Automated discharge, room status, readiness, and turnover. Self-rooming in ambulatory settings.	➤ Reduced physical space required for waiting rooms. ➤ Reduced patient wait times. ➤ Need for staff escort eliminated, increasing efficiency and productivity. ➤ Efficient room readiness as a result of automated discharge. ➤ Self-rooming reduces staff 'wait time' and patient wait time.
Environmental Monitoring	Automated temperature monitoring and reporting process with programmable alerts when environment or temperature falls above or below specified ranges. (Medical Refrigerators and Freezers)	➤ 24/7 wireless environmental and temperature monitoring. ➤ Elimination of current manual process of checking temperatures and recording them for compliance requirements. ➤ Increased staff productivity and efficiency.

About Sonitor

Sonitor (www.sonitor.com) is the leading provider of Real Time Location System (RTLS) solutions linking the physical world with the Internet of Things (IoT) to provide real-time visibility and connected intelligence. As the first - and only - company to use proprietary ultrasound technology as the primary technology for indoor positioning systems (IPS), Sonitor's platform automatically tracks the real-time location of movable equipment and people with 100% room or sub-room level accuracy in complex, indoor environments, such as hospitals, clinics and ambulatory surgery centers. With an open integration platform, Sonitor provides the flexibility to leverage best-in-class software application solutions covering many uses such as nurse call, patient flow, workflow and capacity management, hand hygiene, infection control and asset and inventory management.

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