

RFID-ENABLED TRACKING SYSTEM



Powered by - MOJIX

TOTAL HEALTHCARE VISIBILITY

- Hospital Warehouse
- Hospital Beds
- Trolleys
- AGVs
- Instruments
- Wheel Chairs
- Patients & Infants
- Equipment & Documents



Antennas on ceiling tiles and Lamson STAR receiver

RFID PASSIVE TAGS WITH ACTIVE PERFORMANCE

Complete asset tracking and asset management solutions for controlling all aspects of an asset's life cycle from purchase to disposal

Lamson STAR Capabilities

Real Time Location System (RTLS) of expensive and critical instruments, prosthesis, equipment or personnel.

- ▶ Inventory visibility
- ▶ Patient file tracking
- ▶ Improves staff asset utilization
- ▶ Improve hand washing / infection control compliance
- ▶ Temperature monitoring

Big Advantage

- ▶ Shorten search times on equipment for nurses & staff to enhance productivity, more time on treating patient.
- ▶ Reduction in patient visit times due to greater efficiency throughout healthcare facility.
- ▶ Minimise & automate inventory management processes.
- ▶ Increase bed turnover rate & improve patient flow.
- ▶ The quicker an I.V. pump, wheelchair, or other medical asset can be located the more efficient ERs and other sensitive patient services will run.
- ▶ Enhance Job Satisfaction while improving patient care.
- ▶ Nurses and other health facility personnel have peace of mind knowing they can track down their items quickly and easily.
- ▶ Manual asset inventory taking becomes a thing-of-the-past. With a Lamson Starflex system the software platform that houses asset and equipment location data healthcare facilities can conduct asset inventory in minutes and NOT days.
- ▶ Deliver return on investment (ROI).

SPECIFICATIONS

Frequency:

920-926MHz

Max Power Consumption:

35-50 Watts

Power Supply:

115/230 VAC

Tag Communication Protocol:

EPC Class 1 Gen 2

Tag Detection Range:

<150m

Costs & Usage Associated with Mobile Assets in Hospitals

- ▶ Approx. 8 assets per bed
- ▶ In average \$3,000 cost for mobile assets per bed
- ▶ Average utilization 50-60% (far below the optimum level)
- ▶ Nurses spend upto 1 hour/shift to locate an asset
- ▶ 10% of mobile asset needs to be replaced due to loss or mishandling
- ▶ Typical 500 bed hospital can save \$360,000 annually by implementing Lamson advanced asset management and tracking solution.

Benefits in the key areas

Automation—reducing manual processes through automated scanning and data entry improves productivity, thus allowing resources to be utilised to higher value activities.

Integrity—improving the integrity of real-time supply-chain information, with increased authentication, security and tracking capabilities. Reducing errors, shrinkage and counterfeiting while improving customer satisfaction.

Velocity—minimizing the time spent finding and tracking needed assets, in turn increasing product flow and handling speeds.

Insight—providing the real-time information needed to make faster, better-informed decisions and the ability to be more responsive to the customer.

Capability—providing new applications and quality to meet supply-chain partner demands and enhance customer experiences.

*Lamson STAR system improves patient and staff safety,
enhances quality of care, reduces financial waste &
promotes greater patient satisfaction.*

For more information or book a demonstration contact :

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