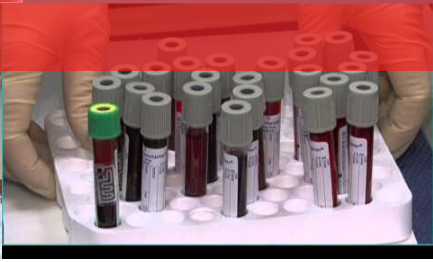




Inventory Management



“ Patient experience and automation is key success factors in Healthcare ”

Jack Welch

Intelli **stride**

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Challenge

When it comes to managing hospitals, there are lot of priorities and challenges are involved. Maintaining, managing and providing a visibility of real time status of essential lifesaving drugs and medicines is one of them. The list is not confined to just lifesaving medicines and drugs, it is extended to disposable surgical items like syringes, masks, gloves, oxygen cylinders, sanitizers and more.

Challenges faced by Hospitals:

- Shortage of medicines & surgical equipment.
- Efficient Inventory Management.
- Tracking expiry dates of medicines.
- Time consuming & labour-intensive stock verification process.
- Creating and maintaining accurate stock reports.

Background

As manually tracking the usage & status of inventory for an hospital is time consuming and inefficient, many organizations which are into healthcare are already started reaping the benefits by implementing RFID based inventory management solutions which gives themunbelievable accuracy & efficiency.

Result

After implementing a RFID based Inventory Management System the complete process was optimized with increased efficiency and transparency. The following of the key features of this system:

- Remotely monitor the supply and alert via notifications if the supply goes below the minimum requirement.
- The system can generate reports in support of management analysis and decisions, including statistical analysis to identify maintenance and failure trends.
- Equipment replacement can be handled efficiently.
- The system can also maintain a spare parts inventory, track utilization and automatically trigger reorders.
- When financial data are included, the system can produce budgeting trends in support of financial forecasts
- Work-order tracking is another important feature of a robust Inventory Management program.

Services

Solutioning and Implementation

IntelliStride delivers IoT solutions for large and small enterprises for use cases that could scale from a single device up to thousands of devices with massive cross-platform deployments of embedded technologies and cloud systems connecting in real-time.

While there are huge benefits to IoT, solution development has to cope with all the complexity that it brings with it.

We deliver scalable, flexible and robust IoT solutions

Our end to end IoT solutions incorporate Kathrein RFID hardware and Crosstalk IoT platform, the required third-party tags and sensors, Integration software that connect your existing systems.

IntelliStride uses third-party hardware for solutions, when required

- WIFI Devices
- Sensors, Controllers, Bridges
- Network Infrastructure

IntelliStride is here in the APAC region to bring strong IoT solutions built on RFID technologies that deliver the ROI on IoT investments. Our expert solution development teams take complex projects and design innovative solutions overcoming challenges, and give you the data intelligence, improved efficiencies, cost savings, ease of doing operations and much more.

ABOUT US

IntelliStride offers end-to-end IoT solutions to the automotive, manufacturing, retail, healthcare, transport and logistics sectors such as Asset Management, Supply Chain Automation, Work-in-Process / Kanban, Yard management, RLTS and object tracking, Track and trace, Fleet management, Maintenance, Electronic toll collect, Parking management, and more.

Our Solution Specialists are available to discuss your plans and realize your vision.

SOLUTION

The integrated RFID based inventory management system for healthcare uses a variety of RAIN RFID readers to monitor key locations—from entire supply rooms to specific shelves—and continuously track medical supplies within the hospital. The solution also tracks individual items equipped with RAIN RFID tags and sends data about their identity, location and status to the inventory management system, providing staff with real time information about all medical supplies in the hospital.

How it works:

1. Attach RFID tags to supplies and medications
2. Use RFID readers or gateways mounted in cabinets, doorways or rooms to wirelessly identify, locate medications and supplies.
3. See accurate, real-time data about inventory across multiple supply rooms in multiple hospital facilities.

The benefits:

- Total visibility on status of inventory.
- Floor-wise inventory updates done automatically.
- Reduced cost for maintaining the inventory by gaining unmatched insights thanks to the data accuracy.
- Optimize efficiency by automating the replenishment and reduce the time taken for various operations
- Reduce wastages by eliminating assumption and guesses.
- Increased visibility for the management to plan for inventory.