

Inventory Management

CORE LSE's Inventory Management solution continuously monitors and manages the location, status and condition of all its assets across multiple locations, departments and storerooms.

The solution tracks and manages stock levels based on various workflow statuses. It provides powerful analytics of stock levels across the facility along with recommendations to alleviate the situation.



Solution Benefits

- Improves asset utilisation and purchase management, resulting in reduced capital expenditures and rental costs.
- Maximises equipment utilisation by improving maintenance cycles and reduce asset wastage.
- Improves patient care. Ensures equipment is available and maintained properly in all departments or storerooms. Retrieves recalled assets within hours—before they're used on a patient.
- Adapts to match your business rules and optimises workflows with real-time PAR levels.
- Easily integrates to other inhouse applications (ERP, CMMS, CCTV, Vocera etc.) using HL7, XML, JSON, SOAP payloads.
- Unified SaaS-based architecture – Multi-tenant support, easy-to-use, lower costs, scalability and integration support and analytics.

How it works

The RFID tags are attached to mobile equipment such as infusion pumps, defibrillators, beds, wheelchairs, telemetry devices etc. The tags get energised and read when they pass by RFID antennas and gateways, which then communicates to the CORE LSE platform wirelessly.

The platform automatically logs the data stream from the tags and computes the asset's read zone. The system computes stock counts based on business rules created on the software and makes PAR calculations accordingly.

The asset data based on its location and status changes, are transformed into powerful dashboards and notifications in real-time for asset managers to consume and make informed decisions to ensure stocks availability for all clinicians.



Solution Features



Event and Alert Notifications

An intelligent alerting mechanism provides real-time awareness to asset managers on departments or zones that triggered a PAR alert.



Reports

Configure PAR Reports within a few clicks. Schedule the reports to be emailed with customisable timelines.

Export the reports in either PDF or CSV formats for further analysis.



Management Tools

Easy to populate and store attributes of the assets including categorisation, icons, images, owners of the asset.

Create PAR rules for asset types or models with a combination of variety of workflow statuses.

Role-based access control model for securing various sections on the platform as well as notifications.



Analytics

Create personalised dashboards from the available widgets and share it with others.

Dashboard analysis can give rise to new insights to make better proactive and pragmatic decisions and optimise stock levels before the situation arise.

Deployment Methods

Technology	Components
RAIN RFID	RAIN RFID based tags to manage the inventory and consumables with RAIN RFID Gateway.

