

Where Healthcare Uses RTLS & RFID

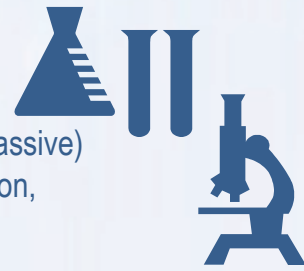
Healthcare and Life Sciences firms are using RTLS and RFID to improve patient care, operational efficiency and quality.



Research & Testing Labs

What's being tracked by Active and Passive RTLS?

- LAB EQUIPMENT: Location, Maintenance/Sterilization Status (Passive)
- SPECIMENS & TISSUE SAMPLES: Location, Temperature, Batch, Patient ID (Passive)
- CONTROLLED SUBSTANCES & HAZARDOUS MATERIALS: Location, Documentation, Special Instructions, MSDS (Passive)



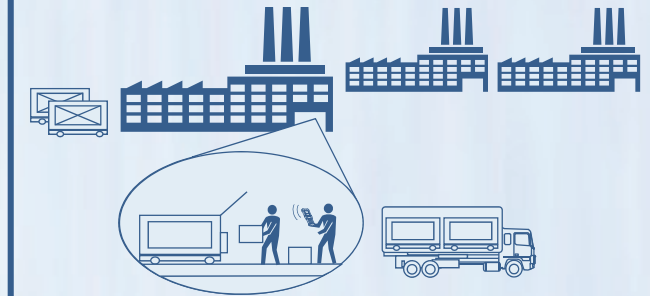
Pharmaceutical & Medical Device Manufacturing

What's being tracked by Active and Passive RTLS?

- CONTROLLED SUBSTANCES & HAZARDOUS MATERIALS: Location, Documentation, Special Instructions (Passive)
- LAB & PRODUCTION EQUIPMENT: Location, Maintenance Schedule, Sterilization Status (Passive)
- WORK ORDERS: Manifest, End Customer, Destination, Order Status (Passive)



Supply Chain



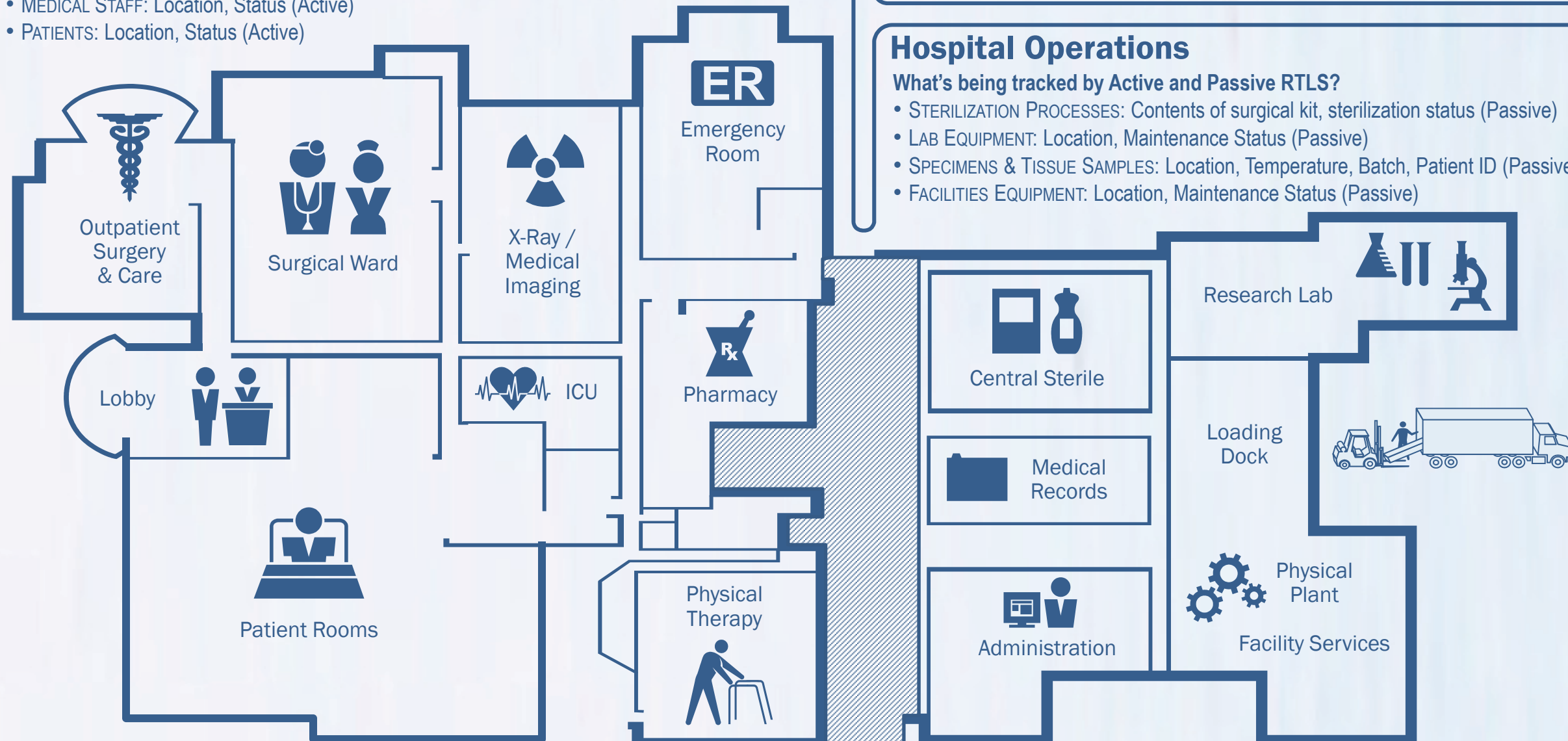
What's being tracked by Active and Passive RTLS?

- KITTING & SHIPPING PROCESSES: Contents of shipping manifest matched to work orders (Passive)
- INBOUND DELIVERIES: Confirming ASN *Advanced Ship Notice* matches manifest (Passive)
- REVERSE LOGISTICS: Components to be repaired, refurbished or replaced, hazardous material disposal (Passive)

Primary Care

What's being tracked by Active and Passive RTLS?

- MEDICAL EQUIPMENT: Location, Maintenance Status (Active, Passive)
- MEDICAL SUPPLIES: Inventory, Location, Expiration Date, Special Instructions (Passive)
- MEDICAL STAFF: Location, Status (Active)
- PATIENTS: Location, Status (Active)



Hospital Operations

What's being tracked by Active and Passive RTLS?

- STERILIZATION PROCESSES: Contents of surgical kit, sterilization status (Passive)
- LAB EQUIPMENT: Location, Maintenance Status (Passive)
- SPECIMENS & TISSUE SAMPLES: Location, Temperature, Batch, Patient ID (Passive)
- FACILITIES EQUIPMENT: Location, Maintenance Status (Passive)

Making the Business Case for RTLS & RFID

What are the primary value drivers for Active and Passive RTLS?

- QUALITY AND SAFETY: Improving patient care, reducing wait times, ensuring compliance
- WORKING CAPITAL ALLOCATION: Reducing redundant asset inventory, improving asset utilization
- PROCESS EFFICIENCY: Reduction in non-value added tasks, improved throughput

