LYNGSOE X-TRACKING™

LYNGSOE X-TRACKING™ FOR OPTIMIZING HOSPITAL LOGISTICS

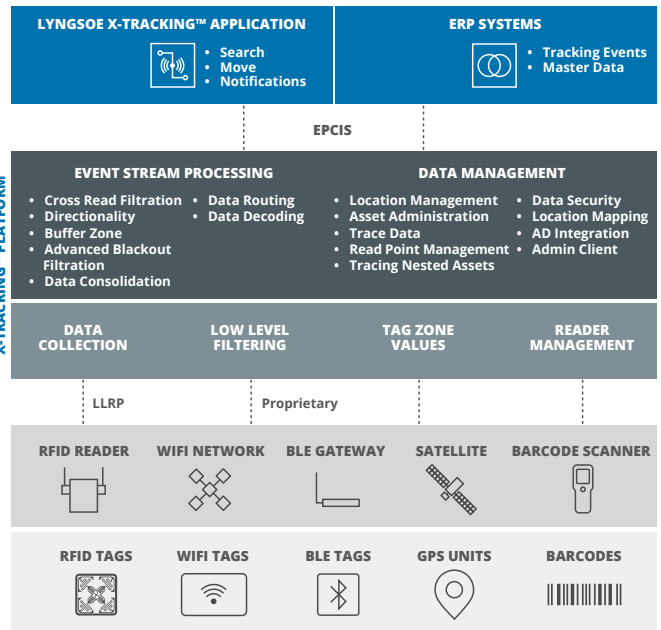### TRACK ASSETS AND RESOURCES IN REAL-TIME

Lyngsoe X-Tracking™ includes a comprehensive data capture platform comprising a suite of hardware and software connecting physical objects and their movements to the digital landscape.

Radio frequency identification (RFID) tags and labels are mounted on assets and resources and monitored through a variety of RFID readers. All data transmission is based on wireless communication for fast accurate data capture. Real-time information of asset location is available to healthcare staff via a simple search web interface.

X-TRACKING™ CAN BE USED FOR:

- Asset management
- Patient safety
- Risk management
- Material management
- Patient flow
- Product tracking
- Performance monitoring

From small scale to enterprise level requirements, X-Tracking™ is a GS1 approved product that integrates easily into any environment and IT landscape.
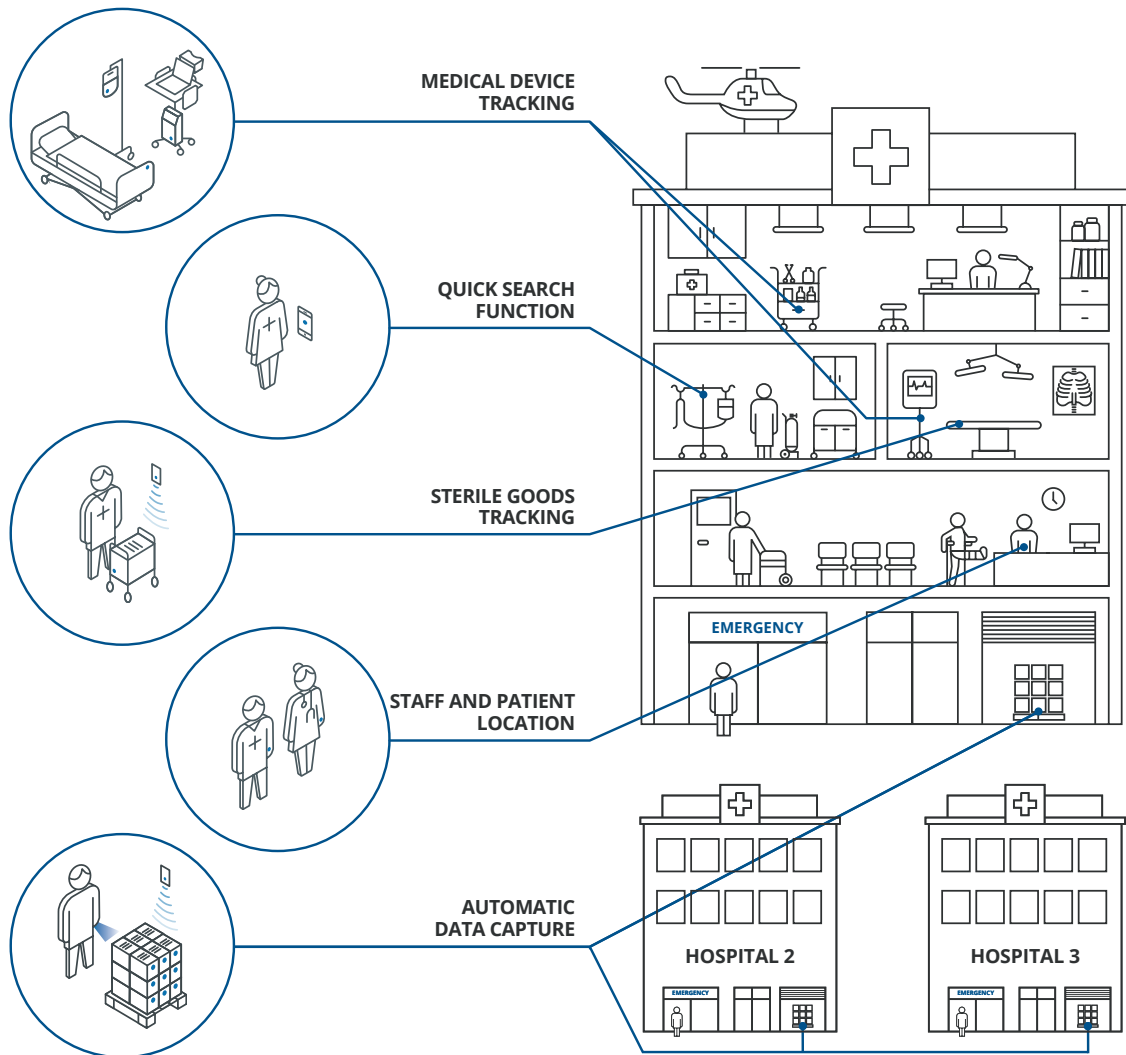

STANDARD SYSTEM ARCHITECTURE

X-Tracking™ is a scalable, enterprise level logistics tracking solution that can be installed in a local IT landscape or as a cloud service. It has a 5-layer architecture structure to capture, process and manage GS1 compliant data.

It has a modern, intuitive user interface designed for healthcare users.

X-Tracking™ supports the use of portable, mobile and fixed readers for a versatile data capture solution and provides GS1 EPCIS interface to enable data sharing.

X-TRACKING
KEY FUNCTIONS

HOSPITAL
LOGISTICS

MEDICAL DEVICE
TRACKING

QUICK SEARCH
FUNCTION

STERILE GOODS
TRACKING

STAFF AND PATIENT
LOCATION

AUTOMATIC
DATA CAPTURE

EMERGENCY

HOSPITAL 2

HOSPITAL 3

EMERGENCY

EMERGENCY

FRICTIONLESS AUTOMATION OF LOGISTICS PROCESSES

Lyngsoe Systems is one of the world's leading software developers and systems integrators of logistics solutions for a wide range of complex supply chain environments within the healthcare, airport, postal, retail, supply chain and library markets. We have been designing, installing and maintaining track-and-trace systems for more than 40 years and are leaders within the radio frequency identification (RFID) technology market.

With more than 5,000 installations worldwide in more than 60 countries, the Lyngsoe team demonstrates extensive customer process knowledge and advanced expertise within solution design, software development, integration, service and maintenance.

ROYAL CORNWALL HOSPITALS NHS TRUST

Adrian Rapson, Department of Clinical Technology states:

"The initial success of the RFID tagging system enabled the Department of Clinical Technology to increase KPI performance by over 30%. The ongoing support from Lyngsoe has enabled us to expand on the initial use case and made the RFID system an integral part of the Quality Management System addressing a number of key considerations for successful ISO 13485 certification."

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MEDICAL SYSTEMS

Lyngsoe Systems

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