RFiD DISCOVERY
A Paragon ID company

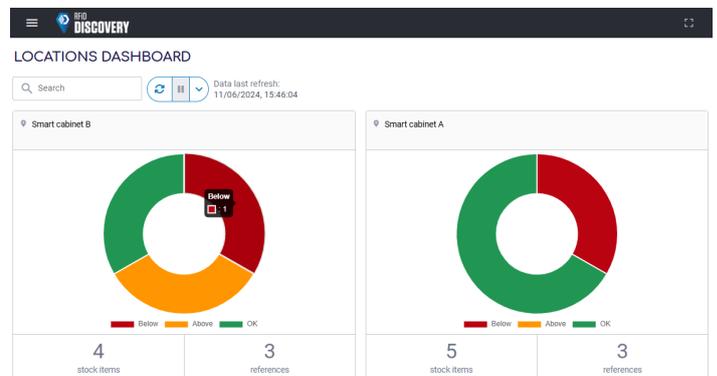# Smarter stock management solutions for the healthcare sector

With rising operational costs and increasing pressure to optimise resources, hospitals and healthcare providers are under increasing strain to manage stock efficiently while maintaining high standards of patient care.

Our smart stock management solution uses RFID technology to track medical supplies, consumables, and high-value assets from receipt through to patient use.

By helping to reduce inventory time, anticipate expired items, optimise storage space, and strengthen collaboration between departments, RFiD Discovery allows clinical staff to spend less time on admin and more time on what matters most - patient care.

Solution

The RFiD Discovery Stock Management solution provides healthcare organisations with an automated and reliable way to track, manage and optimise their medical inventory. Using RFID technology, the solution ensures full visibility of stock levels, protects high-value items, and supports efficient replenishment processes - reducing waste, avoiding stockouts and improving patient safety.

RFiD Discovery software – Stock level monitoring

Transforming inventory at Hospices Civils of Lyon

At Hospices Civils of Lyon, the solution has already delivered impressive results. In the cardiology department, stock levels were cut by 37% and overstocked items dropped by more than 50%.

Inventory time was also significantly reduced, with over 1,800 tags processed in just 10 minutes, demonstrating the efficiency and time-saving potential of the system.

Scan the QR code to watch how Hospices Civils of Lyon transformed medical implant tracking

How does it work?

Smart tagging for complete traceability

Upon delivery, each item is tagged with a discreet, low-cost RFID label using UHF technology. These paper-based labels can be easily generated using an RFID label printer, offering a flexible and affordable alternative to other tag types.

RFID tags

During the printing process, each tag ID is automatically linked to item details such as product type and purchase date in a centralised database, for a transparent, real-time inventory system. A variety of label formats ensures compatibility with various equipment.

Automated tracking and data capture

Tagged items are scanned using a combination of fixed and mobile readers. Each scan instantly updates the hospital's database - no manual input needed. The software automatically processes the RFID label and updates the hospital database in real time.

Handheld reader   Trolley reader

Real-time visibility and alerts

The RFiD Discovery platform provides instant visibility of inventory data including department allocation and entry/exit logs. The system automatically connects product data, expiry dates, and locations, to alert staff when stock is nearing expiry dates or running low. This helps reduce waste, improve safety and avoid stock outs.

Reader options for every need

RFiD Discovery offers a range of readers to suit different environments. A mobile trolley reads tags from up to 11 metres away, ideal for large areas. The handheld scanner is lightweight and easy to use in tight spaces, such as storage rooms. Fixed readers allow you to monitor inventory in real time, while secure smart cabinets protect valuable items such as implants. To ensure all required items for an emergency are always to hand, our RFID enabled resus and sepsis carts continually monitor their own inventory.

RFID Sepsis cart   Smart cabinet   RFID resus cart

Key benefits

- ‣ Real-time inventory visibility
- ‣ Improved patient safety: ensuring critical items are available and not expired
- ‣ Cost savings: avoid overbuying, theft, and losses
- ‣ Reducing waste: prevent overstocking, expired items, and poor storage use
- ‣ Improved control and security of stock
- ‣ Streamlined workflows: automating audits, saving time for staff

Example of location audit

This solution is ideal for healthcare environments of all sizes - from small storage areas and cabinets to entire hospital wards, care homes, clinics, and even ambulance vehicles - delivering smart inventory control across all locations.

Why choose RFiD Discovery?

RFiD Discovery is a leader in integrated identification and location tracking solutions. Used in over 200 hospitals across the UK, Europe and beyond for over 15 years, RFiD Discovery is the number one choice for medical device tracking and other healthcare location solutions using RFID, BLE and other technologies.

We are part of Paragon ID, hold the Cyber Essential certification and our system is GS1 UK approved.

Paragon ID is a RAIN Alliance member and certified to ISO9001, ISO14001, ISO27001 and ISO45001 standards.