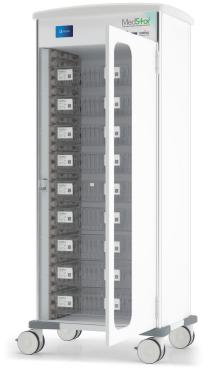RFiD
DISCOVERY

RFID smart cabinet

Our RFID smart cabinets – produced in partnership with leading healthcare storage experts Medstor – help hospitals to support the inventory management of high value assets, such as surgical implants, trauma trays or controlled drugs. Using RFID technology, each cabinet automatically monitors its own contents, quickly and accurately to safe time, reduce waste and losses, and improve patient safety.

Our smart cabinet solution enables the full traceability and visibility of lot or serial numbers to track which products have been used on which patients allowing for recalls and accurate patient costing for complex procedures.

The solution uses a combination of smart cabinets, handheld readers and a software platform to record the movements of high value assets or medication. It provides visibility of expiration dates to avoid waste, and helps avoid medical errors by highlighting if a wrong item was selected for a patient.

Key Benefits

- Real-time inventory visibility

- Protects access to high value assets

- Enhances patient safety

- Automates inventory management to eliminate manual checks and save time for patient care

- Reduces costs by minimising losses and waste

Smart cabinet

How does it work?

Tagging assets

To identify each item, the packaging of high value assets is fitted with an RFID label which is then registered against the hospital database with its type, size and unique device identifier number (UDI) where applicable.

Smart cabinets

Smart cabinets are designed to only open for authorised staff with a registered RFID badge. Once items have been removed, the cabinet performs a 'stock check' and registers the missing items against the unique staff badge number. If items have been taken and subsequently do not appear as having been used, the system flags up this event to highlight that they might have been mislaid or stolen. This also makes the solution ideal for controlled drug management.

Handheld readers

Handheld readers are used to identify items outside the cabinets, for example to pick the correct items in preparation for an operation. They could also be used to link an implant to a patient before or during a procedure for traceability, for example for product recalls.

Inventory management solutions

Smart cabinets form part of our range of automated inventory management solutions which also includes **RFID-enabled resus and sepsis module carts.** Thanks to inbuilt RFID readers, each cart continually checks its own inventory and reports to a central software platform which creates an alert via SMS, email or onscreen if the required vital contents is not complete. This ensures that life-saving equipment and supplies are always ready for use in an emergency.

RFID enabled sepsis cart, smart cabinet and resus cart
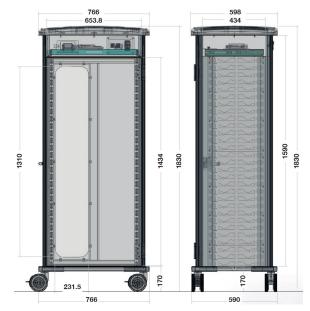
Cabinet dimensions

Complete Tracking Solutions

We specialise in providing integrated tracking solutions, enabling healthcare providers to access location and other key data through a single system.
Solutions include:

- Asset tracking and GS1 asset labelling
- Patient flow & discharge management
- Inventory management
- Automatic temperature monitoring
- Staff and wandering patient safety
- Baby tagging

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 the Paragon ID group, hold the Cyber Essential certification and our system is GS1 UK approved. Pargon ID is a RAIN Alliance member and certified to ISO9001, ISO14001, ISO27001 and ISO45001 standards.