

Innovative solutions from the track & trace experts for healthcare

Increase efficiency, cut costs and improve patient safety with RFID and other tracking technologies

“Using RFID technology has improved our care and provided a return on investment by saving us hundreds of thousands of pounds and thousands of hours of nurses' time”

Prof. Paul White

Head of Clinical Engineering, Cambridge University Hospitals NHS Foundation Trust



Our Solutions

Asset Tracking

RFID Discovery is successfully being used by over 100 acute hospitals in the UK to track the locations of mobile assets such as infusion pumps, syringe drivers, scanners, monitors, wheelchairs, mattresses and beds.

Automatically tracking the location of medical assets is proven to increase utilisation and therefore reduce capital expenditure. It has a positive impact on patient safety as it reduces the time to locate devices, so engineers can focus on core tasks of repairing and servicing devices while nurses can spend more time on patient care.



Sterile Services Tracking

Our sterile services tracking solution provides live data on the availability of endoscopes and surgical trays in storage and theatre areas to improve logistics, efficiency and patient safety with the option of GSI compliant tags.

Having visibility of the locations of surgical equipment helps improve utilisation levels to drive down capital costs, whilst ensuring there are always enough instruments available to cope with demand. Additionally, the ability to identify individual endoscopes and other items supports incident reporting.



GSI Labelling & Scan4Safety

Our range of GSI compliant passive RFID labels and wristbands are encoded with a unique ID, linked to a particular asset, person or location in the database. Using GSI numbers to identify all medical devices as well as locations, staff, patients and products, supports the NHS Scan4Safety initiative by providing Trusts with reliable information about who did what to whom – when, where and why.

By incorporating RFID technology in GSI labels, reading processes can be automated, saving both time and eliminating human error.



Environmental Monitoring

Our cost-effective environmental monitoring solutions for hospital environments ensures regulatory compliance, improves patient safety and increases operational efficiency. The system automatically monitors temperature and humidity in critical environments such as vaccine stores to meet MHRA standards.

Removing the need for manual checks helps save time, reduce cost and eliminate errors. Temperature recordings are maintained in accordance with regulatory compliance and can be archived or made available for audit purposes.



Inventory Management

Our RFID Discovery inventory management solutions help hospitals improve efficiency, optimise stock holding, minimise waste and free up time for clinical staff.

Using passive RFID to track consumables means that all items used for operations can be recorded, enabling hospitals to accurately track usage for each operation and ensuring reliable replenishment of required inventory.

Accurate and real-time stock level data can help minimise waste and optimise stock holding to free up capital tied up in just-in-case stock.



Wayfinding with indoor and outdoor navigation

With our partner BuzzStreets we provide an app based navigation solution to assist both patients and staff in finding their way around a hospital.

The map-based system helps reduce the number of late patient arrivals and time spent by staff directing patients, while also assisting new employees and locums in finding their way around a healthcare setting.

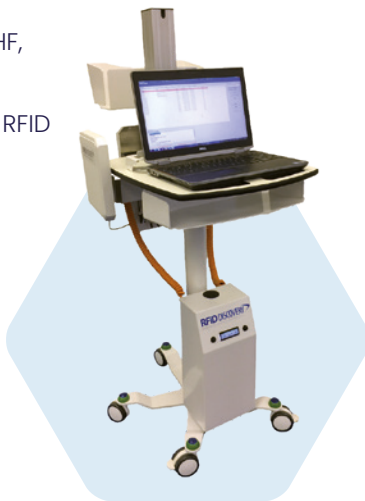
The personalised navigation services take into account disabilities when calculating the best route. Data collected enables hospitals to identify improvements to patient journeys.



Technologies used

As a systems integrator we use our expertise of different hardware and software technologies to create a solution that suits your requirements. We work with carefully selected partners to provide different technologies including

- Passive RFID (UHF, HF, NFC)
- Active Wi-Fi based RFID
- Non-wifi RFID
- Bluetooth Low Energy (BLE)
- GPS
- and many more



Flexible solutions

Our proven tracking solutions are totally flexible and range from simply supplying tags, labels or label printers to completely integrated track and trace systems.



We support you all the way from initial consultation and site survey through to implementation and on-going management to ensure maximum benefits are achieved and possible pitfalls avoided.

Our labelling and tagging solutions are designed for environments that require high standards of hygiene and cleanliness and are able to withstand regular cleaning with approved chemicals.

Why choose RFiD Discovery?

RFiD Discovery (part of Paragon ID) is a leader in integrated location tracking solutions. Used in over 100 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.

Paragon ID is largest manufacturer of passive RFID labels in Europe and accredited to ISO 9001.



Industry
Partner



“ It used to take us three months to complete a full inventory. Now we can carry out an audit of our 10,000 tagged medical devices in just three days! ”

Bryan Hynd

Head of Medical Physics, NHS Forth Valley