

# Innovative solutions from the track & trace experts for healthcare



**GS1 labelling  
and  
Scan4Safety**



**Asset  
tracking**



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

“ 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 30 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 GS1 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.



### GS1 Labelling & Scan4Safety

Our range of GS1 compliant passive RFID labels and wristbands are encoded with a unique ID, linked to a particular asset, person or location in the database. Using GS1 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 GS1 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.



## Wandering Patient Safety

The RFiD Discovery Wandering Patient Safety System reduces the need for nursing staff to continuously supervise 'at-risk' patients.

By using RFID technology, staff working on busy wards can get early warnings of a wandering patient - suffering from Alzheimer's disease, dementia or mental health issues - if they leave a defined safe zone. This cost effective solution is designed specifically for healthcare facilities to maintain a safe environment whilst promoting independence for patients.



## 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

### Active RFID systems

- ▶ wifi
- ▶ non-wifi
- ▶ bluetooth

### Passive RFID systems

- ▶ UHF
- ▶ HF
- ▶ NFC



“ 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! ”



## Flexible solutions

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



**Bryan Hynd,**  
Head of Medical Physics  
NHS Forth Valley

## Why choose RFID Discovery?

RFiD Discovery is the recognised brand name for radio frequency identification solutions from Paragon ID, a global leader in identification solutions. Used in a growing number of hospitals across the UK for over 12 years, RFiD Discovery is the number one choice for active and passive RFID systems.

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

