

GSI Asset labelling with passive RFID



The Department of Health's eProcurement strategy mandates the use of GSI standards in every NHS Acute Trust in England to increase efficiencies and significantly improve the quality and safety of care.

Other healthcare providers around the UK and worldwide are also adopting the standards. Many of the benefits associated with GSI labelling for assets are linked to the use of RFID technology, which enables the fast and automatic capture of asset information.

Incorporating passive RFID with a GSI compliant label adds virtually no cost in comparison to a standard barcode label and the benefits are numerous.

Key Benefits

- Rapid auditing
- Opens up Scan4Safety benefits
- Improves inventory management
- Helps achieve and maintain compliance including CQC and MHRA
- Department of Health/GSI compliant

How does it work?

Passive RFID tags replace existing asset labels and incorporate a GSI barcode carrying a Global Asset Identifier (GAI). When interrogated by a reader, the label broadcasts its unique ID.

Signals are picked up by the reader and sent to a central database, which records the location of the asset.

Tags are ideal for identifying any type of asset including medical devices, beds, wheelchairs, fire extinguishers, gas bottles, PCs and communication devices.

“ 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

Reader options

RFiD Discovery offers a variety of different reader's options:

- An RFID trolley fitted with three passive UHF RFID antennas offers a read range of up to 11 metres and detects assets as it's pushed around the hospital.
- Mobile handheld readers can be used to audit smaller areas or locate specific assets, for example for repair or maintenance.
- Fixed readers are available for areas with a lot of asset movement, such as a medical equipment library or major store room.



A flexible solution

Our GS1 asset labelling solutions are totally flexible and range from simply providing compliant labels to label printers on to a complete RFID track and trace system to support your inventory and asset management.

We support you all the way through implementation to ensure maximum benefits are achieved and pitfalls avoided. Our experts work in partnership with each trust or healthboard to ensure labels are placed correctly on devices, which is vital to enable maximum readability and successful data capture.

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



Typical GS1 compliant asset label with RFID

Complete Hospital 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, ie for medical devices
- Inventory management with passive RFID
- Automatic temperature monitoring
- Wandering patient tracking
- Baby tagging
- Staff safety

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 14 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.

