

GS1 Asset Labelling with passive RFID

The Department of Health's eProcurement strategy mandates the use of GS1 standards in every NHS Acute Trust in England to increase efficiencies and significantly improve the quality and safety of care. Other healthboards around the UK are also adopting the standards. Many of the benefits associated with GS1 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 GS1 compliant label adds virtually no cost in comparison to a standard barcode label and the benefits are numerous.



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.

How does it work?

Passive RFID tags replace existing asset labels and incorporate a GS1 barcode carrying a Global Asset Identifier (GIAI). 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.

Key Benefits

- ▶ **Rapid auditing**
- ▶ **Opens up Scan4Safety benefits**
- ▶ **Improves inventory management**
- ▶ **Helps achieve and maintain compliance including CQC and MHRA**
- ▶ **Department of Health/GS1 compliant**

Reader options

RFID Discovery offers a variety of different readers 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.



"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

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