SOLUTION -
RTI TRACKING

RFiD DISCOVERY

Tracking reusable transport items (RTIs)

Keeping track of your reusable transport items (RTIs) can be challenging, especially when logging their location depends on manual processes like scanning.

If RTIs land in the wrong location or cannot be found, the movement of goods becomes difficult or impossible which can cause delivery delays.

This can include all kinds of transportation packaging assets that are re-used including containers, plastic bins, tote boxes, roll cages, pallets, metal stillages, wheeled trolleys and production trays.

The RFiD Discovery system uses advanced radio frequency identification (RFID) technology to improve the management of RTIs. It identifies individual pieces of equipment and tracks them across different sites through the supply chain to ensure they are in the place where they are needed.

Key Benefits

- Maximises the use of your available RTIs
- Helps prevent your assets getting lost or stolen
- Reduces disputes between trading partners about assets' locations
- Enables inventories to be performed in minutes rather than days
- Identifies shortages or oversized stock for better management

Potential savings

RFID tracking of asset pool operations is a proven solution to deliver a quick return on investment (ROI).

Tagging assets allows for automation of paper work associated with despatch and receipt, so you can optimise transport for the collection of your assets and improve your service levels.

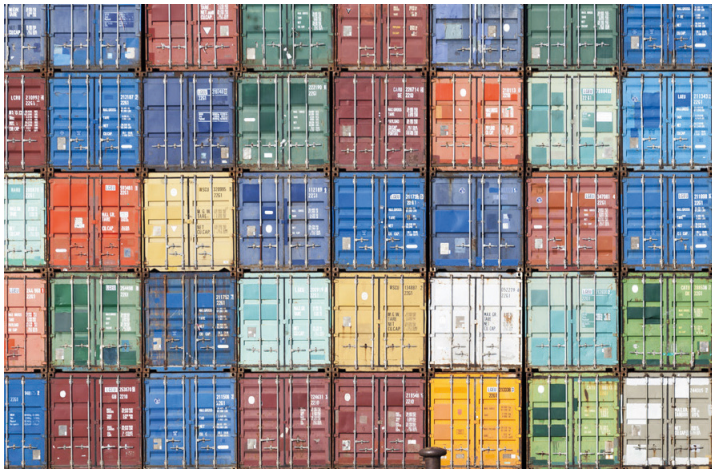
Reducing the levels of lost reusable transport packaging can allow you to invest in higher quality RTIs which provide longer life cycles.

How does it work?

Unique identifier

Each RTI is fitted with an RFID tag. The unique identification numbers of RTIs fitted with a tag are then detected by a small number of strategically placed readers.

Advances in technology mean that it is no longer necessary to install readers at each doorway or choke point.



Real-time tracking history

Location information is sent back to a central database where it can be analysed. This allows you to determine how many RTIs have been despatched to a particular supplier or customer so you know which trading partner to contact for their return.

End-to-end tracking data

Integrating RFiD Discovery with your ERP system provides company-wide visibility of your RTIs ensuring that required assets are available at the appropriate locations to fulfil any transportation requests.

Saving example: Supermarket chain

A major supermarket chain has a pool of 250,000 roll cages, each worth approximately £120.

With better pool management and RFID tracking they identified that they could remove 10% of roll cages from stock which are currently kept as a reserve pool. This over time frees up a total of £3m in capital.

In addition, better tracking of RTIs reduces their typical current annual shrinkage of 17,500 roll cages by 10%, a further saving of £210K per annum.

Why choose RFiD Discovery?

Used in a growing number of organisations across the UK and worldwide for over 14 years, RFiD Discovery offers integrated solutions to help improve efficiency, save time and cut costs. Our wide choice of tracking technologies include RFID, Bluetooth Low Energy (BLE), Wi-Fi, GPS and many others to suit your accuracy and budget requirements.

Paragon ID is THE largest manufacturer of passive RFID labels in Europe and is accredited to ISO 9001, ISO 14,001, ISO 27,001 and ISO 50,001.

GS1 UK Industry Partner

GS1 Ireland Partner

RAIN RFID

RFiD Discovery
Unit 611, Milton Keynes Business Centre,
Foxhunter Drive, Milton Keynes, MK14 6GD, UK

T. +44 208 102 1883
E. info@rfiddiscovery.com
W. www.rfiddiscovery.com

@ RFIDDiscovery

RFiD Discovery

vs 10/21