



Bringing it all together

BT Auto-ID services

Technical View

Translate your data into critical business information

The move towards auto-identification technology in industry is being led by the increasing numbers of companies who require suppliers to participate in their RFID agendas. Monitoring your inventory and assets requires the gathering and translating of high levels of data. We can help you develop your RFID strategy to improve asset management and audit trails, and monitor your business operations in realtime.

Leading the way to improved asset management

We are market leaders in delivering affordable, scalable, and customised asset management services – including RFID solutions design, implementation, and management. Our Auto-ID services have garnered industry-wide acclaim, including:

Microsoft EMEA RAD Awards 2006: Our Intelligent Label project for Marks and Spencer's clothing department earned the solution the Enterprise Collaboration Award.

Quality in Construction Awards 2006 (sponsored by Construction News): The BT Auto-ID Services solution, developed for Select Plant Hire Ltd., was short-listed in the 'Innovation through the use of IT' category.

We have also implemented BT Auto-ID solutions within our own supply chain, enabling reduced losses and the achievement of 100 percent process compliance.

Delivering world class services for improved visibility and control

BT Auto-ID services offer managed solutions that includes the development of a business case to identify your organisation's requirements. Installation is project-managed by our experts, who provide ongoing maintenance and support upon completion.

BT Auto-ID services can be tailored to your specific industry and business requirements. Your solution may include:

Process Analysis

- Business consultation to identify your assets and areas of the supply chain that will benefit most from RFID tagging and tracking.

Data capture

We work with leading technology vendors to select the optimum hardware for your solution.

- Wear-resistant tags and readers that function in challenging environments. BT Auto-ID can incorporate hybrid technologies – including RFID, barcoding, and other auto-ID technologies – in one solution.
- One service we provide enables global positioning system (GPS) location detection of your assets and in-transit stock.

Data management

- A platform to manage the high levels of data generated by RFID and other auto-identification signals. By filtering through the data, our platform provides you with intelligent business information and a live overview of your operations.
- Despatch and delivery reports to keep you informed about the status of your assets.

The Services We Offer

BT Auto-ID Lite is an off-the-shelf version of BT Auto-ID that requires no user maintenance. Self powered and autonomous, BT Auto-ID Lite is an asset tracking and monitoring solution that enables organisations to benefit from RFID technology without having to commit to costly, large-scale adoption of larger projects. It could be implemented as part of a mobile or temporary project, such as within the construction industry: a first step towards full RFID supply chain deployment or provide smaller businesses with a smaller RFID solution.

BT Auto-ID Track & Trace is ideal for monitoring the movement of mobile assets, such as pallets, containers, freight wagons, and carriages. Whether moving by air, rail, road, or sea, BT Auto-ID Track & Trace enables identification of assets and their contents through a mixture of technologies – such as RFID tags, barcodes, and other auto-identification technology. BT Auto-ID Track & Trace enables the customer to track items as they travel right across their business and supply-chain line, ensuring the right item is in the right place at the right time and enables customers to receive automatic notifications as an item arrives and departs key locations. Track & trace will also alert customers when items do not arrive at their destination by an expected time.

BT Auto-ID Asset Management takes the BT Auto-ID Track & Trace solution a step further. Through the automation and management of RFID data, BT Auto-ID Asset Management enables the customer not only to pinpoint the location and condition of their assets but also to improve operational efficiency and staff productivity. This solution enables customers to set their own rules for report triggers, such as alerting when an asset is ready for re-use, such as its return to a storage or home location. Customers can also define the status of the reports, using red, amber, green (RAG) indicators, aiding project and asset management.

Intelligent labels record improvement at M&S

A key challenge for any industry is having the right stock available to customers when they want it. Marks and Spencer needed a solution capable of integrating with its existing applications to improve and monitor its clothing stock management.

Our solution included the:

- Creation and maintenance of a database of Marks and Spencer's global suppliers.
- Sourcing and provision of intelligent RFID labels and mobile readers.
- Management of high levels of data to produce realtime business intelligence.

Making realtime savings by managing your assets

BT Auto-ID services can interact with your current IT applications to enable you to view business operations in realtime. By providing accurate and timely data, BT Auto-ID can help you:

- Improve delivery accuracy, minimise returns and surplus stock, and reduce inventory errors.
- Identify process bottlenecks to enhance warehouse efficiency and reduce labour costs.
- Speed up transportation turnaround times by analysing the contents of entire stacks or containers simultaneously.
- Reduce shrinkage and loss of mobile assets.
- Squeeze trapped capital, in the form of excess inventory, out of the supply chain.
- Cater for most supply chain scenarios by deploying wear-resistant hardware that functions in hostile and hazardous conditions.
- Benefit from flexible payment plans that help you reduce upfront costs and budget for the longer-term.

Offices worldwide

The services described in this publication are subject to availability and may be modified from time to time. Services and equipment are provided subject to British Telecommunications plc's respective standard conditions of contract. Nothing in this publication forms any part of any contract.

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Contact your BT Account Manager to find out how you can accurately track your assets with live business control.

