

Reusable Transport Item Tracking

Inventory Tracking, Real-time RTI Visibility and Maximized Asset Utilization

SOLUTION BRIEF RTI TRACKING

RFID-Enabled Reusable Transport Item Tracking Solutions

The Intellex RFID Solution for Reusable Transport Item (RTI) tracking provides real-time visibility to assets such as containers, bins, and roll cages, tracks outgoing and incoming inventory, and maximizes utilization to improve your bottom line.

Are Customer Orders Delayed Due To A Lack Of Inventory Visibility?

The lack of RTI inventory visibility is one of the major causes of operational inefficiency. Inaccurate accounting results in delays in order fulfillment and thus late deliveries to customers and lost revenue. Even when assets exit and enter through controlled portals, they can be missed during peak operational periods. Manual tracking methods increase labor costs and are prone to errors.

Do You Have Difficulty Locating RTIs In A Large DC, Warehouse, Or Outdoor Environments?

Some distribution centers (DCs) and warehouses can exceed 500,000 square feet – that's the size of over 10 football fields! In airport environments

where containers are shared across multiple airlines, it is difficult to track where the asset resides. Simply knowing that you have available inventory on hand is not enough – you need to know where it is.



Locate RTIs immediately for operational efficiency.

Are You Making Unnecessary New Purchases To Make Up For Lost Or Missing Inventory?

One way to ensure a smooth operation is to carry more RTI inventory than truly needed. However, this also increases capital costs and waste. A consequence of inaccurate accounting of reusable assets is that it results in unnecessary new purchases to make up for “missing” assets. Not knowing how much you have, where it is, and when it will be available results in thousands of dollars, if not millions, off your bottom line.



Are Your Assets Under-Utilized Due To Lack Of Visibility And Control?

A key to profitability is maximizing the usage rate of each piece of reusable asset. Underutilized assets incur real expenses or opportunity costs for any company. Not knowing how often a piece of equipment is used can result in second guessing the true value to the business.

Your Complete Solution For RTI Tracking

The Intellex solution for RTI tracking is a complete package for the tracking of reusable assets. It integrates the power of RFID with your existing assets and systems to produce an integrated solution for real-time visibility.

RTI Tracking

RTIs attached with Intellex RFID tags will be automatically tracked as they move in and out of DCs, warehouses, and other large environments. Intellex readers located at key entry/exit points and various other locations provide instant visibility to assets leaving and entering the premise, as well as where the asset are located. In addition, Intellex tags have on-board memory so you can store a complete history of the asset (e.g. life, usage rate, etc.) directly on the tag.



Track assets automatically as they move through large DCs and warehouses.

Robust Operation

The Intellex solution for RTI tracking is designed to operate in challenging outdoor environments and around metal equipment which can present a problem for ordinary RFID. Our system reads up to 50 meters (150+ ft) and is built to withstand outdoor temperatures, moisture, and dust conditions.

Getting Started Quickly

The Intellex solution is not the typical "heavy" system offered by some vendors. It is designed to let you get started quickly and easily so you can conduct a feasibility study before investing further. The Intellex RFID solution can be integrated with your existing applications and network, or be used standalone without the need for complex back-end systems. Flexible application options make it simple for your users and operators to use the system.

Intellex RFID Platform Features

- Standards-based infrastructure
- Multiple form factor RFID tags
- Extended range, reliability, memory
- Designed for challenging environments
- Easy to get started



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