RFID RESOURCE GUIDE
Applications Hardware

RFID solutions for:
Retail Manufacturing Cold Chain Pharmaceutical
Aerospace Air Cargo Asset Management Healthcare
Government/DoD Data Centers Personnel Supply Chain

JUNE 2015
Ask about our free antenna specials!

RFID solutions for the logistics industry
• RFID Apps
• Pedestals
• Tables
• Carts
• Software
• Integration
RFID READY is a leading logistics provider specializing in material handling, RFID and barcodes, and automatic data collection. Our success is due to consistent achievement in providing better value, analyzing customer needs and requirements, expert talent, and more efficient results. Our logistics teams implement from one-facility technology upgrades, to technology implementation for customers with integrated locations around the globe.

Solutions Provided for:
- Asset Management
- Manufacturing & Automation
- Personnel Tracking
- Manufacturing Processes
- Products through Supply Chain
- Temperature Tracking
- Vehicle / Tool Usage Control
- Logistics & Delivery Tracking
- Health & Safety Management
- Security & Access Control

Large corporations around the globe have identified RFID as being the next level of tracking technology for products, personnel, and asset management.

RFID READY enables cost reduction through better visibility, higher efficiencies, increased accuracy, and streamlined processes within logistics systems. We utilize RFID (passive, active, UWB, RTLS, and sensor-based), current barcode technologies, Near-Field Communications (NFC), encrypted wired and wireless networks, mobile and cell device apps, network security, secure authentication, and other technologies to provide our customers with solutions that meet every requirement.

All RFID READY Products are made in the USA

www.rfidready.net

To Order, Call: 866-248-5040
RFID-PIE® — RFID Apps made easy. Scalable from stand-alone to enterprise-level solutions.

The simple to use, seamless interface for moving RFID tag data to your ERP system.

RFID READY’s Software Solution called “RFID-PIE” is an option for companies that wish to enhance their Enterprise Resource Planning (ERP) software with the RFID capability for asset tracking. ERP Systems such as SAP, Microsoft, Sage, NetSuite, and others already have the ability to track assets and generate reports about asset flow, usage, calibration schedules, and support for other processes that are paramount for many companies. For these companies, RFID-PIE is a robust, tested, and trusted product that provides seamless integration as a front-end support application to interface with the ERP System. The application allows IT or capital asset personnel to use RFID tags to automatically track assets with little or no human involvement.

RFID-PIE consists of

- A Fixed Reader Application
- An Inventory Database
- A Web Management Application

An Inventory Database is created from existing ERP System asset records. An RFID tag is associated to the asset in this Inventory Database. Inventories are performed using the Handheld and the resultant data is synchronized with the Inventory Database. The ERP System is updated via various methods by obtaining updates from the Inventory Database. These methods can include automatic updates or manually managed updates dependent on specific process limitations as outlined by your company’s IT department.

Web Management Application

The Web Management Application is a small server application that allows Administrator access to certain functions to manage the Inventory Database and RFID-PIE application as an integrated system.

Mobile-Pie® serves you on the go

The Handheld Application serves to provide the following functionality:

- User Login
- Tag Commissioning
- Inventory
- Upload/Download

Inventory Database

The Inventory Database comes standard as a MySQL database, but ordering options exist for Microsoft SQL or Oracle. This Database will be a subset of the ERP Asset Records and will include data to identify the asset down to serial number or lot number. The Inventory Database operates as a front-end to the ERP System to associate the RFID Tag ID with that asset. It then provide updates to the ERP System after inventories occur.
RFID Cabinets

The RFID stand that delivers substantial protection and performance.

At just under 4’ tall, this unit offers an aesthetically-pleasing solution for a multitude of applications. It’s suitable for corporate offices, laboratories, store rooms, retail environments, and even light warehouse duty.

The basic unit accommodates all major brands of RFID hardware and allows for flexible antenna positioning for more accurate tag reads and directionality data.

The unit comes with a removable base so it’s capable of either mounting onto a wall or sitting flush against the wall along the baseboard. Designed for quick and easy installation.

<table>
<thead>
<tr>
<th>Specifications</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Slim, sturdy and compact for impact resistance, great for corridor or high impact locations</td>
<td></td>
</tr>
<tr>
<td>14-gauge steel construction with RFID-transparent EPDM shield</td>
<td></td>
</tr>
<tr>
<td>Easy access to equipment with four thumbscrews</td>
<td></td>
</tr>
<tr>
<td>Bottom openings for wiring, compatible with 3/4” or 1” conduit</td>
<td></td>
</tr>
<tr>
<td>Unit size: 47” x 14” x 3.5” - taller units available</td>
<td></td>
</tr>
<tr>
<td>Shipped boxed 48” x 15” x 4” with wall anchors for drywall/studs and masonry</td>
<td></td>
</tr>
<tr>
<td>One-Year Limited Warranty - Extended Warranty available on select equipment</td>
<td></td>
</tr>
</tbody>
</table>

To Order, Call: 866-248-5040
It works overtime so you don’t have to.
⇒ Resilient power-coated finish
⇒ Easily removable cover design
⇒ Variety of bracketing for all installed RFID equipment
⇒ Purchase cabinet alone or with equipment

Available in popular configurations.
⇒ Motorola FX7500 or Impinj R420 Reader
⇒ Laird 9028 or Times-7 hi-gain antennas
⇒ Infrared/Microwave Motion Sensor
⇒ Cables and Cable Trays
⇒ Power Supply or POE

Motion Sensor
Activation sensor utilizing K-band microwave technology. Detects speeds as low as 2.2” per second.

Splitter for POE
Power over Ethernet (PoE) Splitter, both data and electrical power can be delivered to a non-PoE Ethernet-enabled device from a single CAT5 Ethernet cable.

Different equipment configurations and part numbers. Call your RFID READY rep for more details—866-248-5040.
Heavy-Duty RFID Cabinets

The workhorse cabinet that’s a beast when protecting RFID equipment in rough and tough environments.

This RFID cabinet is the most deployed industrial RFID cabinet in the world, with over 4000 locations in operation today.

These sturdy, dependable units offer maximum protection from the elements and optimal resistance to industrial threats such as forklifts and moving equipment.

The units are easily configurable to include readers, antennas, sensors, and accessory components as needed. Durable covers are engineered to be removed quickly to service equipment. Extra-strong kick plate bumpers protect the areas most vulnerable in warehouse environments.

**Specifications**

| Heavy Steel Construction in High-Visibility Yellow; Custom Colors Available |
| RFID-friendly EPDM Covers with maximum protection |
| Floor bumper designed to withstand forklift impact |
| Interchangeable Antenna and Reader Mounting Plates, Designed for Easy Access |
| Innovative Patent Pending Design |
| Unit Size: 69” x 20” x 8” |
| One-Year Limited Warranty - Extended Warranty Available on select equipment |

To Order, Call: 866-248-5040
Strength and precision.

- Enhanced for productivity
- Easy movement and management of equipment
- Time saving features for multitasks
- One-year limited warranty
- Re-configurable and scalable

Popular configurations.
Use with:
- Motorola FX7500 or Impinj R420 Reader or other brands
- Laird 9028 or Times-7 hi-gain antennas
- Infrared/Microwave Motion Sensor
- Cables and Cable Trays
- Power Supply or POE
RFID Floor Mats

Forget the wall or floor-mounted portals — read tags from the ground up!

Using a unique and versatile range of UHF RFID Ground Antennas, now you can easily track people and assets through entrances/exits, inside doorways, and at events.

Ultra low-profile ground antennas are heavy-duty, with a rugged and durable design that allows you to place beneath carpets or floor mats to conceal the antenna.

For areas that need to withstand moving vehicles or heavy loads, ultra heavy-duty embedded ground antennas can be used with reinforced composite housings.

A5531 Linear Polarized Ground Antenna
- Gain: 10 dBi
- Size: 48” x 7.7” x .4”
- Powered by Times-7

A6590 Linear or circular Polarized Ground Antenna
- Gain: 10 dBi (LP) / 9 dBic (CP)
- Size: 36” x 12” x .3”
- Powered by Times-7

To Order, Call: 866-248-5040
With the right reader and antennas, and a little bit of know-how, you can convert just about any existing table or work bench into an RFID-enabled table.

RF performs well reading tags through wood and plastic surfaces (non-metal). When there are sufficient areas available to mount the equipment, a conversion may be the most cost-effective solution. Contact your RFIDREADY rep for assistance or more information.

Shown above: Times-7 antenna
iApp Rover® RFID Cart

Self-contained, self-powered RFID search and audit cart.

Two models
- iApp Rover Blue - one Impinj SPEEDWAY R420UHF RFID readers (vendor neutral), one multiplexer and 8 Laird antennas
- iApp Rover Blue – two Impinj SPEEDWAY R420UHF RFID reader (vendor neutral), one multiplexer and 10 Laird antennas

IApp Rover™ Features
- Self-contained, self-powered RFID search and audit cart
- Includes iApp FlashLite search and audit software application
- Laptop station on top with wired power supply and com cables
- Self-Powered by automatically rechargeable battery and spring coiled charging cable
- Telescoping mast extends on spring-loaded release to 13+ feet
- Mast lowers to fit through standard doorways
- Read range of 13+ feet in each direction, up to 20 feet in height
- Thick durable solid rubber wheels for a smooth transition over a variety of harsh and inconsistent flooring environments

Different equipment configurations available. Call your RFID READY rep for more Details 866-248-5040

To Order, Call: 866-248-5040
RFID Tags — count on RFID READY to recommend and source the perfect RFID Tag for your application.

RFID READY assures you the right tag for maximum performance.

It all starts with the smallest thing – the tag!

The success of your RFID project may be limited unless you choose the right tag. The wrong tag can’t be read consistently in the read zone, or may be read errantly at too far a distance.

A manufacturer of RFID readers understands their reader; a manufacturer of tags understands their tags; a hardware provider understands their hardware; a software provider understands their software.

RFID READY understands all of these components to present you options for the best solution for your budget. For passive RFID, matching an asset type to a specific tag type is critical to the success of that solution. We will help you choose the right tag to ensure the success of your project. Our partnerships with many tag manufacturers allow us to either source the tags for you, or introduce you to the tag manufacturer so you can acquire tags directly.

www.rfidready.net
Finding your perfect RF solution has never been easier

Making sure that you have everything for your RFID deployment is critical for success! Ask your RFID READY Representative to provide a checklist of potential items you may need to assure your goals are achieved; from RFID equipment and tags, to proper cabling, sensors and the many accessories.
To all logistics professionals:

Thank you for taking a look at our Resource Guide and for considering RFID READY as your number one resource for RFID.

Our experts are always here to help you!