

RFID Data Collection

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RFID

WLAN

AIDC

mobility

auto ID

data collection labeling

software
development

wireless



SEE THE WHOLE RFID PICTURE

Manufacturing, logistics, and retail professionals today tend to hear a lot about RFID and believe a little. At Barcoding Inc., we think that's the right approach. We know many companies struggle to see the value in RFID, even as they hear about major supply chain implementations, new standards, technology breakthroughs and fast-growing adoption. You're wondering "What are we missing?"

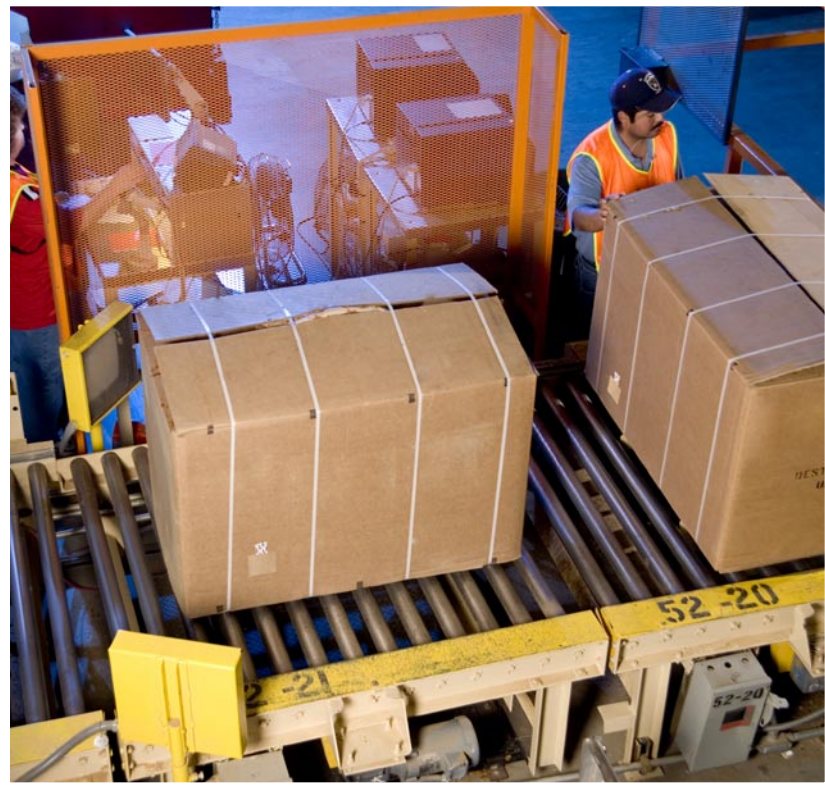
What's missing in all the attention surrounding RFID is the full story behind the headlines. For example:

- You may be at one of the thousands of companies struggling to see how a project using 25¢ smart labels can provide a good return on investment. Yet, companies who use \$50 tags to manage assets often have no problem achieving a full ROI within a year.
- With growing worldwide concern about the safety and authenticity of food and medicine, the U.S. Food and Drug Administration has called RFID "...the most promising approach to reliable product tracking and tracing." Track and trace can only improve safety if the networks and software behind RFID systems can make information available when it's needed.
- You've probably heard of the major RFID compliance tagging mandates, but did you know compliance tagging is not the leading driver of new RFID implementations?
- Well-known consumer products makers, retailers and pharmaceutical giants make headlines for their RFID initiatives, but two-thirds of small manufacturers (< \$25 million) surveyed are planning RFID projects – and only 10% are driven by compliance.

(Source: ChainLink Research, December 2006)

RFID is helping cut errors, labor and costs from manufacturing, distribution, retailing, inventory control and asset management operations today. But it isn't doing it alone. The value you get from an RFID system depends on how well works with your current operations and IT infrastructure. RFID is a powerful tool for capturing data, but it takes a complete system of RFID readers, networks, mobile computers and software to create useful information, and new processes to take advantage of it. Without all these pieces, RFID value is a puzzle that can't be solved.

The ability to see the whole picture and bring it together for you is what sets Barcoding Inc. apart. Our experienced integration and technology experts can see where RFID fits into your operations – and where it doesn't. As an independent integrator who works with multiple leading RFID, barcode, wireless computing and software providers, we have the flexibility to recommend what's best for you. Sometimes the solution is RFID, sometimes it's not. But solutions from Barcoding Inc. are always tailored to provide maximum value and minimum disruption to your specific business.



“The project was so successful that the company is about to open its second RFID enabled store and has plans to push this out to all our locations in the Netherlands by the end of 2007.”

- Jan Vink
Chief Information Officer
Selexy
Barcoding Inc. customer
and 2006 winner of the
RFID Visionary Award



YOUR SINGLE SOURCE FOR SOLUTIONS

From quick-installing kits to put you into compliance at minimum time, to complete custom-developed systems to take advantage of special circumstances and opportunities, Barcoding Inc. delivers the expertise, equipment, and support needed for a successful project.

We work with the top RFID technology providers and integrate their best-of-breed products with industry-standard, market-leading mobile computing and wireless networking systems. Factor in our extensive experience integrating data collection systems with WMS, ERP, supply chain and other enterprise software applications, plus our nationwide service and support capabilities, and you'll see why Barcoding Inc. truly is a single-source partner to simplify your RFID system development and implementation.

Barcoding Inc. offers the following complete solutions and components in any combination your business requires.

SLAP & SHIP RFID KIT

To meet your compliance requirements at minimal cost and integration effort we offer the Slap & Ship RFID Kit. It includes everything you need to meet Wal-Mart, DoD, and other compliance tagging requirements with no additional software or equipment to buy.

Use it as a standalone system or easily connect the software to your enterprise system. The solution automatically processes shipment data to encode the RFID tag and generate a compliant shipping label. An embedded reader verifies the information is correctly encoded. All you do is apply the label and satisfy the customer.

RFID EVALUATION KITS

Considering RFID but unsure if it's the answer for your needs? Barcoding Inc.'s RFID Evaluation Kits provide a low-risk, easy-to-use way to find out. The kits include readers, software and a variety of tags you can use to create sample applications and see how RFID performs in various working environments.

RFID ACTIVE SHELF SYSTEM™

Improve visibility and control over your assets or inventory by using the Active Shelf System to quickly create location monitoring or check-in/check-out applications for tools, supplies, materials, medications or other products and assets. The flexible system makes it easy to closely monitor items in multiple read zones, integrate with legacy applications to issue alerts or automatic replenishment requests, update inventory systems and more. The Active Shelf System is the proven technology behind Dutch book retailer BGN/Selexyz award-winning retail shelf management system that has increased sales by reducing inventory stockouts.

RFID READERS



There's no telling where RFID might be used. That's why we carry multiple handheld, vehicle-mounted and stationary RFID readers and encoders. We have the reader type you want to read and encode the tags you need – including 13.56MHz, EPCglobal Gen 2 and other UHF frequencies. Readers are available with a variety of I/O ports, can connect to wired or 802.11-standard wireless networking and can include integrated middleware functions to simplify integration.

RFID PRINTER/ENCODERS

Use your own printer/encoder to create RFID smart labels whenever you need them. On-demand smart label printing/encoding gives you the power to put variable information like serial numbers, ship-to information, lot and batch codes or EPC in a reliable smart label. Ideal for compliance shipping labels or to produce RFID labels for asset management, WIP tracking, and many other uses, smart label printer/encoders can produce labels, tags and wristbands in many shapes and sizes to meet many application needs.

RFID TAGS & LABELS

To make sure the supplies you use with your printer/encoder will produce reliable smart labels, let Barcoding Inc. recommend the best media for your operations.



INTEGRATION & SUPPORT SERVICES

Barcoding Inc. has experienced, specialized professionals available to assist with every phase of your project. Some of our many services include:

- **RFID Business Process Review** – for an independent, outside assessment on if and how RFID-enabled processes could help your business.
- **Complete system planning and evaluation services.**
- **RFID Site Survey** – our engineers will inspect your facilities to monitor interference, RF signal strength, and other factors to determine which RFID frequencies, products and configurations will provide the most reliable performance.
- **Software development and integration** – for packaged and proprietary solutions.
- **Installation and user training** – reduce implementation times to get on the fast track to ROI.
- **Post-implementation support** – Barcoding Inc. has offices throughout North America to support single-site, regional or national rollouts. Our European headquarters in the Netherlands supports customers throughout Europe.

All RFID projects are unique, so RFID solutions must fit your specific needs, not your integrator's prepackaged offering. Barcoding Inc. understands this and has an RFID development team experienced in developing custom hardware and software for a variety of applications and environments. We are also a trusted and certified integration partner for the leading RFID equipment manufacturers and software providers.

Whether you want a cost-effective compliance tagging system, to enhance manufacturing operations, or break new ground in managing assets or inventory, Barcoding Inc. provides the perspective and resources to be successful. We have something rare in the RFID world: real experience, real customers and real results.

It's not just about collecting data... ...it's about improving your business

SOFTWARE

Whether you want to input RFID data to existing software applications or create your own, Barcoding Inc. has an experienced team to help. We integrate RFID and other data collection systems into packaged and legacy WMS, supply chain, materials management, inventory control, ERP and database systems. We also carry a comprehensive line of tracking and management applications for inventory control, stockroom management, check-in/check-out applications and more.



COMPLEMENTARY TECHNOLOGY

RFID is a key component of complete systems that can completely automate data capture and communication to keep labor errors and delays out of operations. RFID is frequently integrated with mobile and industrial computers, wireless LANs and even legacy barcode systems to enhance data collection operations. As a single source for all of these solutions, Barcoding Inc. can recommend and provide the right combinations of these technologies to reliably and cost effectively meet your data collection needs.

We have the computer that is tough enough for your shop floor and flexible enough to integrate seamlessly with your IT environment. We can provide terminal emulation for IBM iSeries and other popular environments, DOS devices for use with legacy systems, and the latest Microsoft mobile operating systems in a complete range of highly rugged handheld and vehicle-mounted computers.



Any business that relies on time-sensitive information can benefit from RFID technology. Below are just some of the industries that we have implemented systems for. Visit www.barcoding.com to learn more about specific solutions.

- Aerospace and Defense
- Airline
- Automotive
- Banking
- Capital Markets
- Chemicals
- Communications
- Consumer Goods and Services
- Department of Defense
- Education
- Electronics and High Tech
- Energy
- Financial Services
- Food and Beverage
- Footwear and Apparel
- Forest Products
- Freight and Logistics
- Gaming
- Government
- Health and Life Sciences
- Healthcare
- Hospitality
- Industrial Equipment
- Insurance
- Manufacturing
- Media and Entertainment
- Medical Products
- Metals and Mining
- Military
- Pharmaceuticals
- Rail
- Retail
- Transportation and Logistics
- Travel Services
- Utilities
- Warehouse and Distribution

SEE THE WHOLE PICTURE

At Barcoding Inc., we want to provide more than hardware, software, and service. We want to give our customers perspective. We've developed extensive resources to help people learn about RFID technology and its applications, capabilities, and limitations. Visit our web site (www.barcoding.com) to see FAQs, white papers, user profiles, and more information about RFID and related technologies. With Barcoding Inc., you can see the whole picture, and get everything you need to be successful with RFID.

REAL CUSTOMERS

Companies all across the U.S. and Europe have worked with Barcoding to streamline warehouse and shipping operations, production control, asset tracking, inventory management, Wal-Mart, DoD and other compliance tagging, retail replenishment and much more. Our successful and award-winning customers have been featured in Business 2.0 along with many other leading industry publications.

REAL RESULTS

Not all of our projects get this much attention, but they all get results. We define success by how much our solution helps the customer's business. Our RFID projects are successful because they help customers reduce stockouts, increase sales, reduce labor costs, prevent errors, and improve efficiency. Don't take our word for it, take theirs – ask us for customer references.

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