AbeTech RFID Solutions
Increasing Your Productivity

AbeTech RFID
Presented by Jeff Czock, Director of RFID Services
Company Overview

AbeTech is America’s choice track & trace solutions provider. Our knowledge of advanced data collection solution, design and implementation empowers our clients to maximize efficiency and increase productivity in manufacturing, warehouses, distribution centers, and the field.

About Us:

- Supercharging our client’s productivity since 1992
- INC. 500 Fast Growth Recipient 1998
- Building relationships with over 14,000 clients across US & Canada
- Providing “Best in Class” support & services to 125 Fortune 500 clients
- Multiple service & support locations across the Midwest
- Strategic partnerships with RF and RFID industry leaders
The AbeTech Advantage

- RFID Consulting & Implementation
- Industrial Wireless Consulting & Implementation
- Device Management & Repair Services
- AIDC Bar Code Consulting & Implementation
Expanding the Network Edge
What’s Driving Your RFID Initiatives?

**IS IT THE BUSINESS DRIVERS?**
- Customer Compliance
- Regulatory Compliance
- Brand Protection, Product Integrity
- Consumer / Patient Safety
- Business Value

**IS IT THE PROMISED BENEFITS AND BUSINESS VALUE?**
- Decreased Costs
- Increased Efficiency and Performance
- Increased Collaboration with Trading Partners
- Secure Supply Chain

**IS IT THE CAPABILITIES GAINED?**
- Supply Chain Visibility and Efficiency
- Asset Management
- Supply Chain Security
- Business Intelligence and Process Analytics

For most industries and enterprises, it’s a combination of some or all of these factors...
Primary Goals for RFID Implementation

- 12 month ROI
- Competitive advantage
- QA or Security benefit
- Knowledge base
- Compliance

KPI’s

- Error rate
- Man-hours
- Throughput
- Security
- Insurance costs
- Asset utilization
- Inventory turns
Manufacturer’s Business Challenge

- Customized Products
- Improve Customer Satisfaction
- Provide Faster Delivery
- Reduce Material Costs
- Increase Asset Utilization
- Lower Labor Costs

- Globalization
- Competition
- Economy
How RFID can help

RFID provides

– Better inventory visibility
– Reduce operating costs
– Increase operating income
– Reduce working capital

*Early adopters of RFID could cut supply chain costs by 3-5% and achieve a 2-7% increase in revenue thanks to the better inventory visibility that RFID provides.*

AMR Research
Case Study – Equipment/Asset Tracking

**Requirements**

- 2500 Assets
- Image capture for assets leaving lab
- Integration into current Oracle base Asset Management system
- Auto-notification of device calibration.
- Scalable to support multiple locations and 40,000 assets.

**Results**

- Identification of individual removing assets from lab
- Equipment calibration occurs in a more timely fashion
- Reduced number of devices maintained in inventory.
Case Study – Inventory Management

**Requirements**
- 5 Labs
- 2 Supply rooms
- Site Survey, Design, Install, Test

**Results**
- 99.8% read rate
- Increased recognition of expired product
- Overall reduction of consignment inventory
Case Study - Document Tracking

Folders are associated to tags using TagMap

Documents are placed in tagged folder

Folder (or possibly document) is tracked as it passes through portals in the facility

If folder (or possibly document) is brought through a Secure area portal an alarm will sound

Folder is returned to vault and documents removed.

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