Solutions Guide for Warehouse Operations

AB&R® is a Registered Zebra Reseller

SOLUTIONS GUIDE FOR WAREHOUSE OPERATIONS

The leading players in the industry demand efficiency for optimal utilization of their warehouse operations to ensure the fastest turnaround possible when handling products received, stored and shipped. AB&R® offers a wide variety of customized solutions to specific needs for warehousing tasks as detailed below.

These solutions include industrial printers, desktop and laptop computers, supplies, handheld computers, data loggers, voice directed solutions, wireless network and RFID infrastructure as well as managed services that can help achieve maximum efficiency in warehousing operations.

INBOUND SOLUTIONS

Receiving

AB&R® offers a series of products that allow dock workers to automatically identify and verify the accuracy of the goods received, at the exact site of receipt, with wireless real-time connection to Warehouse Management Systems (WMS).

When velocity in the receiving process is increased, the same workforce can process more inbound shipments. Dock-to-stock cycle times are reduced and inventory visibility is increased. Efficiency is evident when organizations assure goods are identified as soon as they are unloaded from the vehicle.

Returns

Zebra supplies a full range of mobility solutions to improve the returns process. With real-time access to WMS systems, a quick scan of an item's bar code, RFID tag or RMA label, instantly validates and updates the status of the return, along with immediate issue of any customer credit due. Efficiency is evident when organizations assure returned goods are identified as soon as removed from the vehicle. With a Zebra bar coding mobility solution, workers in the returns area have instant access to systems for inventory management, accounting and order processing, optimizing visibility and customer service.

Put Away

Zebra delivers a full range of bar code and RFID products to support the Put Away process. The simple scan of a bar code or RFID rack tag ensures the item is put in the correct place and reaches the storage area in the shortest amount of time; the exact location of all inventory is known and asset utilization is improved. The solution also provides the information required for inventory management under the "First In, First Out" (FIFO) or "Last In, First Out" (LIFO) principle, which could have a very positive impact in the analysis of company profitability and tax liability.

Cross Docking

When goods are identified with "smart" or cross docking "license plate" labels, and real-time information is available, shipments are handled with peak efficiency. Instant access to the order database provides the on-the-spot visibility needed to cross dock incoming material for immediate shipping; eliminating the need for the products to be staged for put-away, stored, picked, packed and re-staged for shipment. Visibility into all the shipments in the Cross-docking process allows for shipments assigned to the same dock to be aggregated. Zebra offers WLAN and RFID infrastructure, label printers, wearable terminals and bar code readers, handheld computers and Zebra Real Time Location Solutions for warehouse space optimization to ensure maximum efficiency in the cross docking process.

See the Warehouse Application Guide for recommended **inbound solutions**.

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INVENTORY

Rack Identification

Efficiency is evident when organizations assure racks and fixed inventory locations are identified with barcodes or RFID labels. With real-time access to inventory systems, organizations can automatically deliver the right storage area as well as the most efficient route to that location straight to a worker's mobile handheld computer. A scan of the bar code or RFID rack tag ensures the item is put in the correct location. Zebra provides a range of rack identification solutions allowing customers to know the exact location of all inventory and the improvement of asset utilization.

Physical inventory

Shorten the time it takes to identify and track inventory with the inventory monitoring solutions from Zebra. RFID technologies and barcodes allow you to quickly identify inventory items throughout the processes of storage, handling and distribution. Whatever the needs and the size of your business, Zebra has the printer, the label (barcode and/or RFID), the wireless connectivity, scanners, handheld computers, and the services you need to help you create a robust inventory management system or cycle count to bring precision and visibility to your inventory control process.

Asset Management

Best-in-class businesses that leverage warehouse operations give their physical assets a digital profile enabling the real-time location and condition of those assets. Real-time visibility leads to enhanced business intelligence that results in more informed decision-making and more efficient performance.

Reduce losses, increase productivity, and improve profits with Zebra's line of asset tracking products. Cost effectively address all your tracking and asset management needs, regardless of the size of your organization or the required level of visibility. RFID asset tracking technologies from Zebra simplify the recording of changes in location and availability of an asset, ensuring timely and accurate information is available when and where you need it.

For information on the **inventory solutions** recommended, see the Warehouse Applications Guide.

OUTBOUND SOLUTIONS

Order Picking

With mobility, voice and dynamic staging solutions in picking operations, the same number of workers can process more orders per day with fewer errors, improving customer service, maximizing the use of warehouse space and reducing the cost of doing business. These mobile technologies from Zebra enable the creation and picking of electronic orders, generating an optimal route for this process using handheld computers, picking systems supported by voice or real-time location systems. A quick voice confirmation or scan of a shelf tag, bar code or RFID label provides instant verification that the right item has been picked, and the item is instantly deducted from inventory, assigned to the electronic order in the system and to an outbound staging location. Zebra has the mobile technologies necessary to increase productivity, reduce errors and optimize storage space.

Packing and Shipping

Reliable printers, barcode/RFID label supplies and mobile computing equipment can streamline these final stages of order fulfillment, ensuring that the order contains the right products, and is shipped to the customer at the right time via the right method of shipment, always arriving with a human and bar coded/RFID shipping label to help ensure traceability and meet the compliance standards for order receipt at the next point of contact in the supply chain. With Zebra mobility in your packing, shipping and staging operations, efficiency is evident. Employee productivity is increased, and shipping & delivery times, customer satisfaction and vehicle utilization are all improved.

See the Warehouse Applications Guide for information on recommended **outbound solutions**.

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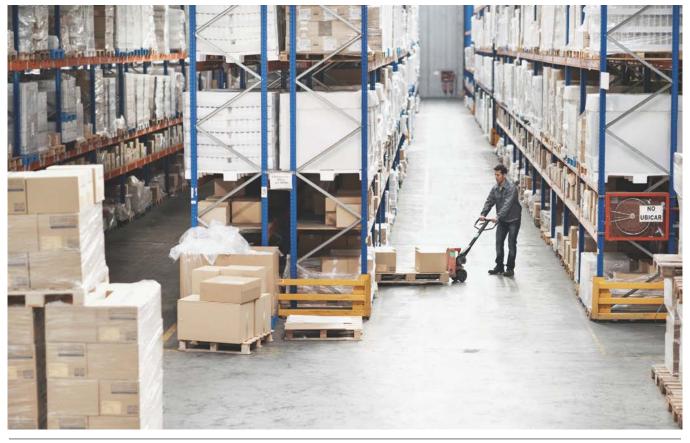
IDENTIFICATION

Employee and Visitor Badges

Improve security, streamline access control, increase your productivity and allow people in your organization to properly identify your guests, all at the same time with the innovative line of access cards, ID card printers and visitor management solutions by Zebra. Quickly and easily print clear, professional ID cards, badges or wristbands right from your desktop or at the visitor's reception area. Meet the requirements of most card access systems with customizable features to prevent counterfeiting and unauthorized alterations. Zebra offers multiple quick and easy to use printers that provide the appropriate level of tiered access control for each employee and visitor. This means that the security department can be confident that every employee and visitor has authorized access to only those warehouse locations necessary for their job functions, resulting in secured inventory and employee safety. All Zebra card printers provide intuitive user interfaces and color touch points, making it easy to use and minimizing user training

requirements. Choose from a broad range of printers offering full color and monochrome card printing. Options range from USB, Ethernet or wireless connectivity, smart card, magnetic stripe encoding and RFID ultra-high frequency (UHF) encoding, to lamination for higher security and card durability.

See the Warehouse Applications Guide for information on the **identification solutions** recommended.

SOLUTIONS GUIDE FOR WAREHOUSE OPERATIONS

PRODUCTS

AB&R® has the products for successful warehouse operations.

- Desktop / Industrial Printers

- Mobile Printers

- Card Printers

- Mobile Computers

- RFID Readers

- Vehicle Mounted Computers

- WLAN

- Hand-Held Scanners

Contact an AB&R® Specialist for product recommendations
800-281-3056 or email info@abr.com

SERVICE AND SUPPORT FOR YOUR PRODUCTS

AB&R® SmartCare

SmartCare On-site - Mission critical equipment often requires an on-site service technician to service your equipment. SmartCare on-site service guarantees a visit from a technician within 8 working hours from a call to AB&R's dispatch team.

SmartCare 1 Day - SmartCare 1 day depot repair guarantees that your equipment is repaired and ship the same day as it arrives in our service depot.

SmartCare 5 Day - SmartCare 5 day depot repair guarantees that your equipment is repaired and shipped within 5 days of its arrival in our service depot.

FEATURES

- 24/7 access to AB&R's on-line customer service portal for FAQ's, product manuals and return material authorization requests
- Preventative service calls by manufacturer certified technicians
- Guaranteed service levels for support and repair
- Status reporting on key operational metrics
- Repair history reporting
- Firmware control and monitoring

ZEBRA
REGISTERED RESELLER

AB&R®
identify. track. manage.