

# dexterity

warehouse management system



## “Create a Smart Warehouse”

**Dexterity Warehouse Management** from Barcode-IT is a real-time, barcode driven inventory management solution capable of all levels of warehousing requirement. Based on wireless technology and barcode identification of products, this fully integrated solution is aimed at companies in both the manufacturing and distribution sectors, who have a requirement to manage inventory and warehouse operations more efficiently.

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*"Dexterity WMS has enabled us to become more competitive in the marketplace and without it we may not be here today."*

- **Tony Leach, Operations Director at Supreme Brands**

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*"Dexterity WMS was cost effective yet comprehensive and flexible enough to provide us with the features we needed."*

- **Chris Creswell, Senior Systems Manager at Jacobs Bakery**

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### **Wireless Technology for Real Time Inventory**

On-line transaction processing using radio frequency barcode scanning terminals and a wireless network is becoming the standard for today's warehouse and shop floor procedures. Wireless data capture terminals can be mounted on forklift trucks for pallet movement with portable hand-held units for on-foot transactions such as goods receiving, stocktaking etc.

### **“Live” Interface to ERP or existing Information Systems**

The wireless warehouse system has a real-time interface with the commercial system. This means that all the transactions are validated on-line and stock records are updated live, as transactions are done in the warehouse. This eliminates errors at the point of scan, e.g. receiving goods, locating product, picking and shipping. The system is completely seamless with no need to upload/download information to and from the scanning terminals.



**Barcode Label Printing and Dispatch Documentation**

Dexterity WMS is able to incorporate barcode label printers to identify products throughout the operation. Mobile printers, connected to the system over the wireless network, save both time and miles walked by your operators in on-the-spot label printing applications and as the printers are light-weight and easy to carry no extra strain is added.

**Shipping and Dispatch**

After the orders have been picked they are ready for shipping. From the dispatch bay the picked order can be confirmed as shipped using the RF terminals. Dexterity WMS can automate the printing of shipping and pallet labels and advice/dispatch notes and manifests.

**Order Picking**

The Picking function validates picking of items against a sales/pick order. As items are picked, they are verified as to quantity, location, and the validity of item number, making picking errors a thing of the past.

**Putaway** is the transaction of putting product away into stock locations, e.g. racking, slots, bins, floor areas etc. The putaway function in Dexterity WMS is configurable and generally rules-driven. Using wireless scanning terminals means that all putaway activity is recorded in real-time and verified, as the operator will scan the location barcode on the rack or bin etc.

**Stocktaking**

Dexterity WMS makes stocktaking easy. RF terminals are used to scan the locations and items to allow on-line real time stock checks.

**Dexterity Warehouse Management System**

**Benefits**

- Increased Inventory Accuracy
- Paperless Workplace
- System Transparency
- Increased Traceability
- Flexibility
- Improved Customer Satisfaction
- Future Proof Software & Hardware

**Capabilities**

- Real-time Transactions
- Location Management
- Order Picking
- Inventory Management
- Serial Number/Batch Control
- Stock Adjustments
- Perpetual Inventory Checks
- Automated Printing and Labelling for
  - Receiving labels
  - Putaway labels
  - Shipping Labels
  - Delivery Documentation
- Pallet Tracking and Management
- Cubing (Warehouse Space Management)
- Optimised Putaway/Picking Sequencing

**Operating Systems Supported**

- Windows 2000 (Pro or Server)
- Windows 2003 (Server)
- Windows XP
- Windows CE or Mobile & terminal services

**Wireless Networks Supported**

- 802.11g Wireless Network (802.11b supported)
- WiFi generic
- Cisco (recommended)
- Security
- WEP encryption

**Wireless Terminals**

- We recommend:
- Dolphin 9000 and 7000 series
  - Falcon 4423 and Falcon 4420 lite
  - Scan-EX MC 9060ex Intrinsically Safe Terminals
  - Trux 700 thin client truck mounted terminal
  - Trux 700 Windows XP truck mounted terminal
  - Zebra QL mobile printers
  - RF Terminals—supported
    - Windows CE
    - Embedded Windows XP
    - Full XP or Windows 2000 (truck terminals)



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