

If your business environment demands real-time data capture and transmission, the PowerShift Enterprise System® RF (radio frequency) transaction capability is ideal for you. This feature, coupled with wireless barcode scanners, gives you the freedom to go wherever data collection is needed, even without direct line-of-sight access. Real-time connectivity keeps loading docks, factory floors, and warehouses operating at peak efficiency, enabling instant decision-making and seamless communications throughout the enterprise. PowerShift's RF programs can also be used on standard PCs and terminals to streamline data capture for task-specific functions.

## Supported Transactions

- ◆ Inventory Adjustments (on hand & floor stock)
- ◆ Inventory Inquiries
- ◆ Sales Order & Transfer Picking & Packing
- ◆ Purchase Order, Manufacturing Order & Transfer Receiving
- ◆ Consignment Inventory Receiving
- ◆ Physical Inventory (counts & tag information)
- ◆ Inventory Movements (from one location to another)
- ◆ Primary Location Replenishment
- ◆ Tool Movement (to work centers and to stock)

## Benefits

- Transactions are entered directly as material is received, moved, picked, and adjusted.
- Scanning barcodes reduces keying errors and streamlines data entry.
- Each transaction is verified as it is entered.
- Select your own terminal hardware to connect to the system.
- PowerShift documents include an option to print barcodes.
- A Prime Location Replenishment Report is available to support picking from primary stocking locations.

## Barcodes

- Barcoded locations and products can be scanned if supported by your hardware choice.
- Arm bands can be created with standard menu entries in a barcode format to allow for easy entry.
- When an application prompts for the warehouse / bin location on two lines, the full combined data string may be entered in the warehouse field and the data will be parsed as required; this allows the barcode for the location to represent both the warehouse and the bin location to reduce the number of required scans.



Supports any device that can run a telnet session (i.e., vt100 terminal type) with a minimum display of  $\frac{1}{4}$  VGA mono or color (or 24 characters across by 16 lines in height)

## Standard Reports and Inquiries

All applicable standard PowerShift inquiries, such as Material History Inquiry and Inventory Status Inquiry, reflect RF transactions immediately.

## Registers

Standard PowerShift registers are run for RF transactions, including Inventory Adjustments Register, receiving registers, Physical Inventory Register, and AR Invoice Register.

## Executive Information Summary

EIS statistics are updated immediately from RF transactions just as in other PowerShift programs. These statistics include receiving statistics (days early/late, cost deviations), month-to-date shipments, and inventory valuation.

## Audit Trails

Standard PowerShift transaction tracking, including user ID, time and date stamps, are included in RF transactions.

## Documents

Documents produced as part of standard PowerShift processing are also available in the RF processes, such as sales order packing slips and receivers.

## Labels

Custom labels generated as part of standard PowerShift processing are also available in the RF processes. Examples:

- ⇒ Print barcoded labels to simplify consolidated bills of lading.
- ⇒ Print box labels to detail carton contents for products picked.
- ⇒ Print standardized carton labels at time of receipt.

## Inventory Adjustments & Stock Moves

- Adjust on hand inventory
- Move on hand to floor stock
- Move floor stock to on hand
- Adjust floor stock
- Move inventory to another location
- Move an item to another branch
- Move stock to the primary location
- Move all stock from one location to another in a single transaction
- Location Inquiries
  - Find out where an item is located in the warehouse
  - View what items are located in a specific location

## Order Picking

- Direct the operator to the location to be picked.
- Scan individual serial numbers or quickly enter a range of serial numbers by scanning the first and last serial numbers.
- Pick items directly to a picking container or pick them to a packing table designation.
- When picking to a packing table designation, the items are scanned again to identify the container they are placed in.
- Multiple pickers can work on a single order
- Produce container content lists or labels on demand

## Receiving

- Receive vendor purchase orders (including consignment inventory and outside services), manufacturing work orders, and branch transfers.
- Displays the item's primary location for information in stocking.
- Items can be set up to always be inspected or can be flagged for inspection during receipt.
- Manufacturer's item number can be validated.
- Receive manufactured goods without specifying an order number; receipts are applied to oldest open orders
- Receipt of a manufactured item can create a manufacturing order if there are no open orders

## Physical Inventory Entry

- Fully-integrated with PowerShift's physical inventory processing (see Physical Inventory data sheet for more information)
- Supports directed counts
  - RF device displays tag information (location, item number, description, stocking unit of measure, etc.)
  - Physical count can be scanned or entered via the key pad
  - Advances to next item to be counted on acceptance of count
- Supports tag entry counts
  - Scan each serial number or optionally generate a combined count per location
  - Entry (scanned or keypad) includes: tag number, item number, location (if item is warehouse/bin location controlled), control number (if item is controlled by lot or serial number) and the quantity counted