

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