Warehouse Management

Purchasing

- Calculate suggested order quantities (SOQ) based on item history (demand or quantity shipped). Maintain SOQ by inventory class.
- Vendor-tiered pricing is based on weight, number of cases, and dollar amount of order.
- Buy an item from multiple vendors, using the Vendor Relations setup.
- Review and enter PO data online (hard copy report not needed).
- Promo allowances.
- Accommodates EDI transmission of PO.
- Ability to purchase a specific number of days supply.

Flexibility

- Locations: zone, aisle, bay, tier, bin (nine digits in total, but do not have to use them all).
- Define locations to contain multiple items or reserve a location for a single item.
- Optional lot control.
- Optional serial number tracking.
- Supports cubic measurements & weights.
- Pick/ship labels, shelf labels, and retail price stickers.
- Automatically replenish a pick location from storage.
- Restocking level.
- Optionally designate inventory sitting at the receiving dock to be available immediately - even before being put away.
- Keep "return to vendor" stock in the system, making it unavailable.
- Run restocking instructions any time you choose (night shift, morning, etc).
- Support direct loading by printing pick tickets for a route in reverse stop sequence. Print invoices in stop sequence along with the driver's manifest.
- Generate restocking reports to fill all reserved pick locations with sufficient stock for the day's orders.
- Three sell unit locations - primary, secondary, and extra. The system knows exactly where the merchandise is and will split intelligently if needed (cases vs sell units).
- Optional automated replenishment of primary pick locations.
- The system generates picking instructions.
- Use the same item number for each case

Mobile Warehouse Management

- Hands-Free
- Real-Time Receiving/Put-away
- Replenishment
- Order Picking, Loading, Delivery

RF Receiving/Put-away

- User-defined receiving rules using RF, paper, workstation, or
- combination Single receiver, multiple POs
- Single PO, multiple receivers
- Capture/track lot, date, shelf life, serial numbers
- Commingled pallet support
- ASN Support Put-Away
- User-defined put-away rules
- RF Directed locations and assignments
- Enforce put-away accuracy through location scanning
- Space optimization via directed put-away, dynamic locations
- Default and exception handling Replenishment
- Automatic generation of replenishment assignments
- Forecasted and emergency replenishment
- Batch refill replenishments
- FIFO/LIFO/FEFO rotation

RF Replenishment

- Forecasted replenishment uses multiple variables, such as movement history, pallet move logic, slot minimum, and maximums to direct personnel to efficiently replenish pick locations.
- RF replenishment allows for both forecasted and emergency replenishment.
- Looks not just at current-day needs, but at the most efficient needs over a period, based on location size.
- RF replenishment can reduce the amount of time used for replenishment using tested algorithms.

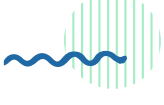
RF Order Picking

- User-defined pick rules.
- Pick by order, pick to clean, pick by zone, custom methods.
- RF and hands-free voice picking.
- Wave planning, fixed routes, fixed waves, and others.
- Automatic, semi-automatic, manual assignment dispatch.
- Large orders are broken down into multiple assignments.
- Single shipper, multiple customer orders.
- Single customer orders on multiple shippers.
- A single operator on multiple shippers.
- Automatic, semi-automatic, and manual inventory allocation.
- Rationing, rounding, and truck cubing.
- Product information capture, catch weights, lot code, date, and serial
- number. Reserve picking for large quantity orders.
- Line skip.
- Quality assurance.
- Tax stamping, shipping, and loading.
- RF truck loading.
- Label generation, UCC 128, pallet, container.
- Manifest weight information.
- Loading based on the route, stop sequence.
- Order confirmation with ID numbers.
- Outbound ASN generation.

RF Loading

- Pick zones can be configured to use specific loading lanes for consolidation and truck loading.
- Each container and tote are scanned onto trucks by route and stop.
- The system verifies that all required containers are placed on the correct truck in the correct order.
- Loading screens allow managers to monitor loading progress by truck to effectively manage personnel, so trucks are sure to leave at the scheduled times.

RF Driver Delivery



- Work in online or offline mode.
- Containers being loaded on the truck can be scanned onto the truck.
- When the driver selects the route all manifest information is loaded to the RF device.
- The driver scans containers when unloading the truck. The system alerts the driver if anything is not scanned off that should be, or if a container for a different stop is scanned.
- An alert is displayed if the driver tries to complete the stop before scanning all containers.
- Drivers can take pictures when needed while at the stop.
- Driver is alerted if they must collect cash or check and the amount collected is recorded along with the check number, if paid by check.
- The driver is alerted to returns that must be picked up and scanned.
- Systems require customers to confirm cigarettes.
- A customer signature is required to completely stop.
- Notes can be added by the driver or customer during stop completion.
- Drivers can enter the number of totes being returned.
- All information is automatically updated in the ERP system.
- Check-in report printed when the driver returns to the warehouse to reconcile the driver's activity.
- Completed electronic manifest and details of delivery displayed for a wholesaler on Web Portal.

Warehouse Automation Benefits

- Shares a common database and configuration with ERP, eliminating duplicate databases and reconciliation and reducing implementation effort

- Identifies mis-picks and overages
- Handles substitutes and reason codes
- Improves entire warehouse accuracy
- Permits use of both hands for all tasks in a paperless environment
- RF receiving allows incoming products to be scanned at the receiving dock or in specific warehouse zones.
- Once received, items are immediately available for put-away with the system suggesting where to place the product based on standard industry and rotation practices.
- Product available for picking directly from the dock, if desired, when put-away has not been completed and inventory is required for picking.
- RF order picking allows warehouse managers to set criteria for picking by zone to most efficiently pick and pack products.
- Hands-free, directed picking into totes, and boxes.
- Case picking can be configured by zone.
- Barcoded labels include the description and quantity of the product that is in each tote and box.
- Pick control screens can monitor progress in real-time to determine if personnel should be moved from one zone to another to balance the night's picks and loading.
- A consolidation station can be used to reduce the number of containers going out by consolidating multiple zones into fewer boxes and totes.
- Track picker productivity.
- Reports are available to show who picked what and average pick rates by zone and by employee.