



## StockSmart (WMS) Summary factsheet

This document highlights the key features available within StockSmart Release 12.2.

### Warehouse Configuration and Setup

- System configurations, company configurations, and branch configurations
- Archive WM data profile by branch
- Menu security by warehouse job
- Assign a customer return area for non-sellable (damaged) returned product
- Assign a quality assurance area for QA product
- Assign over 40 hard copy printers by branch
- Automatic master (customer, job, vendor, etc.) file updates to WMS
- Automatic transaction updates to WMS which include purchase orders, customer transfers in and out, vendor returns and sales orders
- Method of shipments by service level ... will calls, LTL, parcel, and company fleet
- Visibility of transaction in WM from ERP
- Ability to on-line correct EDI transmissions that contained error like invalid manufacture number, invalid unit of measures, invalid UPC, invalid sku or non-stock number, etc.

### Item / Location Management

- Quantity-on-hand and available tracking by item/vendor/unit of measure at all storage locations
- Unlimited item location assignments
- On the fly primary and secondary location assignment
- Reassignment of primary and secondary locations
- UPC code maintenance
- Moveable units (license plates) for item movement tracking through the warehouse
- Nested moveable units
- Virtual locations
- Optimal identification and manufacturers bar code
- Lot, serial and date traceability

- MSDS processing and tracking
- Virtual zoning
- Random storage assignment and fixed storage (primaries) assignment
- Unique sequencing for putaways, picking, and counting
- Pickable and non-pickable areas
- Over the counter pickable areas
- Easy storage location maintenance
- Lock storage locations for maintenance
- Primary, secondary, and non-stock locations
- Dimensional storage locations (H x W x D)
- Optional Cubiscan interface for accurate dimensions of items
- Storage location labeling with bar codes for location verification
- Item dimension use
- Flag which unit of measure will be used for quantity-on-hand tracking per location
- FIFO dating control
- Product verifications to include item number, product number, manufacture number, UPC, or alias number
- Assign primary locations by item/vendor/unit of measure
- Set minimum and maximum stock quantities at the primary locations
- Set maximum pick percent at the primary locations
- Assign preferred stocking zones by item/vendor/unit of measure when searching for secondary locations
- Item history movement logging by item/vendor/unit of measure
- Serial number tracking profile by branch
- Lot tracking profile by branch
- Spot count storage location when it reaches a minimum quantity-on-hand and creates an audit count for discrepancies
- Stock status by storage location for non-stock items
- Counted and not counted storage locations report
- Empty Overstock Location report

## Summary Factsheet

- Overstock Consolidation report with ability to generate RF instructions
- Inventory Balancing Report ... prints QoH variances between ERP and WMS with the ability to auto-adjust ERP
- UPC and dimension maintenance using the RF
- Generate primary storage location replenishments by zone and aisles
- Record and view all touches or movement of all sku's
- Item serial number inquiry by sku and transaction ... when it came in and went out
- Automatic item and UoM updates from ERP to WMS and vice versa
- Items Not Dedicated report
- Locked location report

### Resource Management

- Real-time warehouse activity control
- Command center management
- Directives by shipping method and moveable unit
- Employee assignments to tasks (scheduling, resource allocation, etc.)
- Employee performance by warehouse job to hard copy and/or .CSV files ... receiving, putaways, counting, replenishment picking, picking, packing, and loading
- Permanent (totes, pallets, etc.) moveable units and temporary (boxes, bags, etc.) moveable units available
- View workload by zone, transaction queue, and method of shipment per batch or manifest or single transaction which includes percent complete
- View workload in-progress by transaction queue with ability to view its attached pick instructions, transactions, zones, and method of shipments

### Outbound

- Directed picking for primary and secondary locations
- Picking on-line verification
- Multi transfer ticket picking in sequence
- Multi sales order picking in sequence
- Pick plans (order pick, zone pick, pick and pass)
- Packing and shipping
- Vendor returns management
- Auto-generate pick instructions flag by method of shipment and service level
- Manual manifest or auto-manifest outbound transactions flag by method of shipment and service level
- Auto-generate pick instructions flag by promised date
- Auto-release pick instructions flag to the warehouse floor by service level
- Auto-batch outbound transactions flag by service level and type of transaction ... sales orders, transfers, and vendor returns
- Assign pick plans by service level

- Ability to ship confirm an MU to another WMS branch which can be scanned in to auto-receive its contents, putaway instructions generated and putaway by MU
- Create and release a batch of outbound transactions to the warehouse floor
- Cluster picking up to transactions with pick sequence of all transactions
- Pick driver assignment per picker ... by transaction, by batch, by manifest, system assignment, by transaction queue
- Ability to prioritize, hold, and release pick instructions by batch or transaction
- Optional interface with RoadNet to auto-create manifests with predetermined stops by transaction
- Ability to print manifest when loaded to delivery truck which contains the moveable units and its contents per transaction
- Ability to ship confirm transactions by batch, transaction and /or manifest
- Ability to print a load sheet for RF loading crew
- Ability to view and attach transactions that have not been manifested
- Pick instructions generated from storage locations, areas, cross dock areas, and over-the-counter areas
- Instructional RF picks with each containing a go to directive, location and item verification, units picked confirmation, and moveable unit
- Order special notes and item extended descriptions are auto-displayed during RF picking
- Ability to pick up passed moveable units and complete its open picks
- Ability to part moveable units to be resumed later
- Pick shorts prompts picker for reason code, auto-locks storage location if insufficient stock, auto-search other storage locations with quantity available, generates new pick instruction and insert it in the proper pick sequence



- Automatically notify command center and inventory control when item is shorted at storage location
- Instruct where moveable units should be dropped for packing or shipping
- Ability to add an item to the order while picking the order and insert it in the proper pick sequence
- Overage picking allowed if WM available quantity
- Pick hard copy picking with terminal picking module with all above pick functions when RF network down
- Pack station to ability to identify what product were repackaged and its number of units per package (MU) and transaction
- Pack station with ability to print shipping labels per package and ability to print shipping tickets at each pack station
- Optional interface to shipping systems (ex. Varsity Shipper) for accurate freight costs, compliance shipping labels, and LTL manifests
- RF loading by Manifest
- RF loading instructions by reverse stop sequence (last stop to first)
- Option for loader to ship confirm once all of transaction's moveable units have been loaded onto truck
- Sales orders ... changes sales order to "Reviewed" status when ship confirmed by WMS, confirms ship quantities including over ships and shorts, add-on items, re-extends line items and sales order, updates stock status allocation and back orders, updates customer credit checking, etc.
- Transfers ... Changes transfer to "Shipped" status when ship confirmed by WMS, confirms ship quantities including over ships and shorts, re-extends line items and transfer, updates stock status transfer-outs, transfer-ins and back orders, etc.
- Vendor returns ... changes vendor returns to "Shipped" status when ship confirmed by WMS, picks from damaged areas or stocking locations, confirms ship quantities including over ships and shorts, re-extends line items and vendor return, updates stock status, etc.
- Shipping tickets/packing slips hard copies upon ship confirmation
- EDI transmission upon ship confirmation
- Daily shipping report
- Short Pick Analysis reporting by date range

### **Inbound**

- Advance shipping notification (ASN) receiving ... manual ASN's, EDI ASN's, and ASN receipts on the fly
- Single purchase order receiving
- Directed putaway for primary and secondary locations
- Putaway on-line verification
- Multi purchase order receiving
- Cross docking
- Quality assurance/control inspection
- Item labeling at receiving
- Instruct receiver how to build moveable unit based on destination ... by zone or zone/aisle
- Ability to reserve product for tagged product which include transfers and sales order
- Ability to generate and view putaways per ASN
- Ability to view by line item and ASN who received it and how much was received as well as who put it away, where and how much
- Blind receiving on or off by branch
- Shortage and overage warning message at receiving
- Unexpected/unplanned receipts and posts to ERP at zero cost
- Putaways by moveable units sequenced by last placed on MU to first
- Instructional RF putaways with each containing a go to directive, location and item verification, and unit putaway and confirmation
- Ability to manually search other storage locations for better fit or to consolidate with other overstock location
- Ability to resize the overstock location upon putaway if it requires less locations or more locations than system calculated
- Quantity-on-hand and available updated upon putaway at storage location
- Creates new line item on ERP's purchase order for unplanned receipts and overages
- Posting to ERP for purchase order receipts, transfer receipts, and customer returns
- Updates ERP quantity-on-hand, WAC, general ledger, item movement ledger, fills customer and transfer back orders, creates transfers, closes transaction if no open items, and so on as part of posting process
- Unposted receipts report
- Damaged Items Received reporting by date range
- Ability to report damaged items at time of receiving with damage code

# Summary Factsheet

## Internal

- Cycle counting
- Directed cycle counting of primary and secondary locations
- Cycle count with auto adjustments
- Ability to perform return-to-stock instructions due to customer or branch refusing material ... tracks QoH in the process
- Auto-generate replenishment instructions from overstock locations to primary locations when the primary QoH falls below the minimum quantity
- Instructional RF replenishments include a pick and putaway with each containing a go to directive, location and item verification, units picked or putaway confirmation
- Ability to perform inventory adjustments at the storage location using RF
- Ability to attach an item with the number of units to a storage location using RF
- Ability to flag inventory adjustment to update distribution which will affect stock status QoH, WAC, item movement ledger, and general ledger
- Ability to setup cycle count profiles by various methods ... velocity, vendor, purchasing section/group/vendor, high number of picks, audit counts, high number adjustments and so on
- Schedule cycle counts or cycle counts on request
- Instructional RF count instructions include with each containing a go to directive, location and item verification, units counted confirmation
- Cycle count during the day without recon reports and disruption of any warehouse operation
- Ability to manage (view, cancel, etc.) replenishment instructions
- Perform unscheduled moves of a single sku or moveable units
- Real time counts and postings ... know how much QoH is at location vs. counted ... adjusts the storage location and ERP accordingly
- Full physical inventory profiles with RF count instructions ...
- adjustments to storage location and ERP are made when count confirmed
- Audit counts are generated as a result of inventory discrepancies during picking or spot count
- All count instructions include stocking items and non-stock items
- Adjustment reporting by date range



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The KCS product solution set has a track record of delivering wide-ranging benefits including greater operational efficiency, cost savings and resource and asset utilization, together with real-time information for management decision making.

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