



WAREHOUSE MANAGEMENT FOR SAGE 100 ERP

MULTI-BIN & WAREHOUSE MANAGEMENT SYSTEM

DIRECTED PICKING & PUT AWAY
SPACE PLANNING & REPLENISHMENT
RF BARCODE AND WIRELESS TECHNOLOGY

Location	Type	Region	Pallet Case...	ID Type	Lot Serial No	Description	Received Dt	On Hand	Allocated	Available	Issued Dt	Counted Dt	Expire Date	Vendor Lot	Sale Avail
401A	Primary	A			NEWLOT3		2/12/2011	6,000	0,000	6,000			3/12/2015		6,000
401A	Primary	A			NEWLOT4		1/5/2013	9,000	3,000	6,000	9/20/2013	1/31/2013	10/13/2014		6,000
401A	Primary	A			NEWLOT6		6/30/2013	6,000	0,000	6,000			10/13/2014		6,000
401A	Primary	A			NEWLOT7		1/5/2013	9,000	0,000	9,000			12/21/2014		9,000
810D	Pick	FG	PAL00000...	PAL	NEWLOT9		7/5/2013	350,000	350,000	0,000	1/24/2014		1/31/2015		0,000
810D	Pick	FG	PAL00000...	PAL	NEWLOT9		7/5/2013	450,000	0,000	450,000			1/31/2015		450,000
810D	Pick	FG	PAL00000...	PAL	NEWLOT9		7/5/2013	100,000	0,000	100,000			1/31/2015		100,000
HOLDING	Pick	FRD0			101841		1/21/2013	1,000	0,000	1,000			12/21/2012		0,000
HOLDING	Pick	FRD0			NEWLOT2		3/13/2011	2,000	0,000	2,000			9/12/2012		0,000
RECEIVL	Stage	REC	BD00000...	BDX	LOT333	Receiving	9/10/2013	100,000	0,000	100,000			12/31/2015	BK	0,000
WIP_PG	Pick	FRD0			NEWLOT1	Hold Fnc	10/6/2013	3,000	0,000	3,000	8/29/2011		12/31/2015		0,000
WIP_PG	Pick	FRD0			NEWLOT9	Finished Gs...	2/5/2014	2,000	2,000	0,000			1/31/2015		0,000
Total								1,637,000	355,000	682,000					576,000

Picking Sheet

Warehouse: 000 CENTRAL WAREHOUSE
Order Number: 0000175
Customer Number: 01-AVNET
Order Date: 11/7/2013
Salesperson: 0200

Ship To:
Avnet Processing Corp
3361 W. Kinoshia
Powers Building
Suite 100
Racine, WI 53120
Confirm To: Terry Stafford

Customer P.O. Ship Via F. O. B. Terms
LPS BLUE Net 30 Days

Bin Location	Region/Aisle	Item Code	Unit/Meas	Lot Serial No	Pallet Case ID	Allocated	Backordered
A40U	A-A	2481-5-50	EACH	MAR10		25.00	
B30M	BC-B	2481-5-50	EACH	LOT100	CAS000000000017	50.00	
B30M	BC-B	2481-5-50	EACH	LOT122	MPAK0000000000	200.00	

The integrated multi-bin tab provides a quick view of multi-bin inventory and quick inventory utilities that run by item. View quantity available in bin locations, by location type and region code. Button controls provides additional setup options for the item, drill down details, inventory transfer utilities, UDF data for multi-bin inventory and lots and serial, utilities to link IDs to another and break IDs. Bin Location maintenance for the quick inventory utilities that run by the location.

Wave pick sheets directs picker to pick the best case packs, pallets and individual items to pick by bin location/pick flow.

ACS Multi-bin and Warehouse Management includes the experience of 15 years integrated exclusively for Sage 100 ERP and over 400 implementations. It provides a seamless multi-bin and warehouse management system WMS functionality integrated for Sage 100 ERP. It is flexible to setup to get quick startup and simple design, and it can be setup for more advanced needs utilizing WMS features. Choose to built-in comprehensive Directed Picking and Directed Putaway features operates as you do in Sage 100 ERP. It is compatible with most extended solutions, developer enhancements and business object integration.

Directed Picking and Allocations

Allocates inventory to direct the picker according to how you want to pick for an order and group of orders. Picking algorithms like FIFO, FEFO (^(E) first expired first out), least quantity on hand and choices to deplete primary picking locations and other chosen areas ahead of others will save picking time and direct picking

Directed Put Away

Advises where to store goods based on your desired options and zone and aisle settings. You control the capacity of the inventory, minimums and maximum replenishment. It optimizes storage of pallets and case packages. Advise helps store goods received, in quality control, for goods produced and rotation of inventory.

Wave Pick Sheets

Saves time picking goods because wave pick sheets directs you through the warehouse in the way you want to pick goods. Picking in an aisle the picker can pick from the left side and the right side in one pass and you can perfectly go to each warehouse zone. Wave pick sheets can be printed for each sales order, group of sales orders, rotating inventory and replenishments. (^(W) Shipping control offers split options for multiple pickers to pick.

License Plate Pallet and Case Pack Inventory

License Plate (^(P) add-on provides is good for mixed and same item pallet and case packs in inventory. System automates the best pack to pick and barcodes provides full details of items assigned to the ID. ID's can be nested within other ID's and can be received, produced, transferred, counted and sold. ID type codes improves inventory counts for cases and pallets. Drill down to contents with tree inventory.

Transfer and Rotate Inventory

Move inventory, pallets (^(P)) and case packs (^(P)) directly on the screen as you review by item and by where it is. Can select inventory individually and many items in a few clicks. Save time by moving allocations and shipments as you move inventory between locations. Inventory movements with barcode RF Handhelds reflect the inventory movements real time with history who and when the goods were moved.

Radio Frequency, Wireless and Apple IOS Integration

Is provided by the leading barcode integrators for Sage 100 ERP. WOScan integrator provides selection of goods issued and completed in Sage 100 ERP Work Order. Real time inventory transfers in the warehouse and provide time save picking, shipping and receiving features. Build, select and break pallets and case packages (^(P)).

Reserve and Release Inventory

Inventory restriction settings in locations allows you to give access to inventory the way you need to. You can insure goods reserved for customers go to the right orders, inventory returned or for quality inspection are held as you need. Release inventory on certain dates and put holds on pallets and individual goods.

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MULTI-BIN & WAREHOUSE MANAGEMENT SYSTEM FOR SAGE 100 ERP HIGHLIGHTS

WAREHOUSE ZONES	<p>Define Pick zone, Primary pick area, Overflow area, Staging areas.</p> <p>Create Warehouse Regions (zones) and Aisles to control good placement and improved grouping of locations. Define five Regions and Aisles to group goods in product lines and individual items.</p> <p>Define primary pick locations to individual items. Pick in increasing order and put away in decreasing order.</p>
DIRECTED PICKING	<p>Pick by order, wave picking and wave batch picking ^(W)</p> <p>Prioritize goods within Primary pick area, Pick zone, Overflow area, Staging areas.</p> <p>Define picking algorithms FIFO, sequential, put away date, lot number, lot create date, lot expire date (FEFO)^(E), LIFO, user defined.</p> <p>Customize company wide, by product line and by item .</p> <p>Direct pick auto allocations for S/O distribution and Manufacturing B/M and W/O</p>
DIRECTED PUT AWAY	<p>Define location capacity to improve put away advice.</p> <p>Choose to store goods in the same location or not.</p> <p>Define to store goods in Warehouse Regions and Aisles by Product Lines and by items.</p> <p>Advise to move goods to shipping for back orders.</p> <p>Put away advice from receiving, production completions and purchase order.</p>
TRANSFERS	<p>Transfer goods individually and for a group of items to another location. Transfers are immediate and full audit trail.</p> <p>Transfer by location and by item. Can transfer any number of items in a locations in a few clicks.</p> <p>Can move sales order and work order allocations along with transfer.</p> <p>Control inventory location receipt date and issue date. Customizable from staging locations.</p> <p>Transfer between warehouses and locations with grid based in I/M Transaction entry</p> <p>Import transfers with Visual Integrator and BOI</p>
PHYSICAL COUNTS	<p>Select by last counted by item and by when multi-bin inventory was last counted</p> <p>Group and select by warehouse regions and locations</p> <p>Print physical work sheets by locations and items</p> <p>Explode items in Pallet ID in count card and physical count entry^(P)</p> <p>Visual Integrator and BOI automation</p>
LOCATION CAPACITY MANAGEMENT	<p>Location capacity computed by item volume and quantity in location</p> <p>Put Away evaluates location capacities and evaluates inventory stored in primary locations</p> <p>Replenishment and management reporting evaluates capacity for locations</p>
REPORTS	<p>Stock status and valuation report</p> <p>Detail audit trail and allocation report</p> <p>Location capacity report reflects available locations by how full</p> <p>Put away report from staging and by purchase order and produced goods</p> <p>Primary location replenishment report advises replenishment by your rotation settings</p> <p>Pick sheet templates for sales order, bill of materials and work order</p>
BARCODE AND RF PARTNERS SCANFORCE, WOSCAN AND SCANCO	<p>Real-time inventory transfers between locations</p> <p>Real-time lookup inventory on handhelds</p> <p>Pick and pack and directed picking</p> <p>Work order raw materials</p>
AVAILABLE ADD-ONS	<p>WAVE BATCH PICKING (*W): groups orders to wave pick and ship</p> <p>EXPIRATION DATE CONTROL AND VENDOR LOT TRACEABILITY (*E): Automates lot and serial Expiration Dates and trace raw material usage in product and sale to customers.</p> <p>LICENSE PLATE - PALLET, CASE PACK (*P): Provides for the grouping, identification and movement of inventory. Print pallet tag and invoiced pallet report. Handles mixed and same item pallets and case packaged.</p> <p>MANUFACTURING AUTOMATION: Full integration with ACS Manufacturing Automation series. Including make to order, scheduling, work order efficiency and dash board.</p> <p>IN-TRANSIT: Provides warehouse-to-warehouse tracking maintaining supply and demand for inbound and outbound warehouses</p> <p>CATCH WEIGHT: Tracks and provides an alternate unit of measure and to sell by the weight sold.</p>