

DSD Business Systems

Sage 100 Enhancements

MBAD

DSD / ScanForce Multi-Bin Advanced

Version 7.30





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Multi-Bin User's Manual Version 7.30

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User's Manual

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Section A: Introduction

This manual contains a description and instructions for this DSD product. Operating instructions are included for the features added by this product to Sage 100. For instructions on using Sage 100, refer to the appropriate Sage 100 manual, or call your Sage 100 reseller. DSD Business Systems offers excellent Sage 100 support, at an hourly rate.

Web Resources

DSD web site: http://www.dsdinc.com

The Enhancement page contains:

Current Release Schedule Purchasing Information Installation Instructions Product Support Enhancement Links

MBAD DSD / ScanForce Multi-Bin Advanced:

http://www.dsdinc.com/enhancement/mbad-multi-bin-advanced/

The product web page contains:

Product Description Web Links Current Product Version Table Product Installation File Download Product Manual in .pdf Format Revision History FAQ

Support

DSD provides product support through Sage 100 resellers. Support is provided for the current version. Older versions are supported at an hourly rate. DSD's telephone number is **858-550-5900**. Fax: **858-550-4900**.

For a hard error, where the program displays an error dialog, report:

Error number. Program name. Line number. Program version.

Exact sequence that caused the error, including menus and menu selections. Other pertinent information.

If leaving a message or faxing, please include:

Your name. Your phone number (and fax if applicable) and extension.

It is possible to be unable to duplicate a problem, because of data corruption or because we have not exactly duplicated a particular operating environment. In such circumstances, we can only continue to try to fix the problem if we can either access the system remotely or duplicate the system.

DSD / ScanForce Multi-Bin Advanced Features

The DSD / ScanForce Multi-Bin Basic Module provides advanced features for warehouse inventory management in Sage 100. DSD / ScanForce Multi-Bin Basic features include:

- Enable Multi-Bin inventory by Warehouse Code, Product Line, or Item Code
- Set Allocation Options based on the data entry type*
- Set customer or item specific restrictions based on Bin Location
- Perform On-The-Fly bin location transfers
- Perform auto-allocations during picking sheet printing*
- Easily setup multi-bin inventory with initial bin transfer
- Maintain a structure and segments for bin locations
- Choose to sort bin locations alphabetically or based on an alternate sort method
- Maintain Lot/Serial Expiration Dates
- Auto-Generate Bin locations
- Define various location types for bin locations
- Set minimum and maximum location quantities for bins
- Perform auto-allocations during data entry*

The DSD / ScanForce Multi-Bin Basic Module from DSD Business Systems is designed to work exclusively with the ScanForce Warehouse Management Solution or as a stand-alone solution. For more information on the ScanForce Warehouse Management Solution visit <u>www.scanforce.com</u>.

*These features are only available with the Multi-Bin Advanced version.

Section B: Getting Started

CAUTION

• If you reinstall or upgrade one of the Sage 100 modules listed in the following table, you must also reinstall this Enhancement.

•Enhancements from different Sage Developers are generally not designed to work together. If installed together, problems are likely to occur.

• Check with DSD before installing more than one Enhancement.

Required Levels

Sage 100	Module	Required
Module	Required	Level
I/M	Y	7.30

Installation

- 1. Back-up: Exit all Sage 100 sessions. Back-up existing Sage 100 data.
- 2. Check Levels: Sage 100 module levels must match those listed above.
- 3. Run Enhancement Setup Program: Save the executable installation program (sent to you or downloaded from our website) in a convenient location on the Sage 100 server. Launch the program from Windows Explorer or by selecting Start/Run, and then browse for the file in the location you saved it. Follow on-screen instructions.
- 4. Send your Sage Serial Number to your DSD Representative: Send your Sage Serial Number to your DSD representative in order for us to send you back the encrypted keys to unlock your system. This serial number can be found in Library Master\Setup\System Configuration, Tab 3. Registration as Serial Number.
- 5. Re-Start Sage 100: Sage 100 will be updated.
- 6. Unlock the Enhancement: DSD Enhancements must be unlocked to run. When any part of the Enhancement is run for the first time, the DSD Enhancement License Agreement and Activation window will appear. Follow the steps shown on that window. You can click the Help button for more detailed instructions.

Note: On the next page is a screenshot of the DSD Enhancement License Agreement and Activation window.

After accepting the License Agreement, you can then select the type of unlocking that you'd prefer. The choices are File, Web, Demo and Manual Entry.

File Unlock: After receiving your encrypted serial number key file from DSD, and placing that file in the MAS90/SOA directory, selecting this option will unlock all products keys contained in the file. This means you can unlock all enhancements at once using this option.

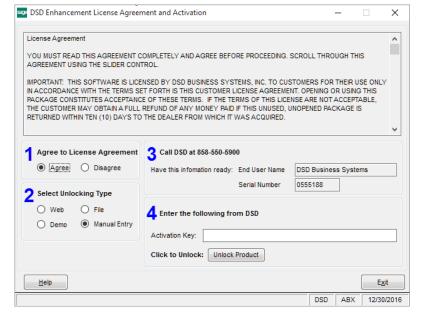
Web Unlock: If the system that is running the DSD Enhancement *has web access* and you *have sent DSD your Sage Serial number*, you can unlock the Enhancement without assistance using Web Unlock. When this option is selected, the program will attempt to download encrypted serial number key file from DSD *and then proceed to unlock all enhancements contained in the file.*

- The Sage 100 system that is being used must have web access for this option to be effective.
- You can send your Sage Serial Number to your DSD Enhancements sales representative.

Demo Unlock: If a Demo mode is available for the Enhancement you're running, you will be able to Demo unlock the product without assistance from DSD for demo purposes.

> Creating a Demo Unlock is a good way to temporarily unlock DSD Enhancements off-hours, if you do not have web or email access. Later, you can unlock the product fully, during business hours.

Manual Entry Unlock: If you want to unlock a single enhancement using a



single encrypted key, you can select this option and enter the 64 character key you receive from DSD by copy and paste.

Note: You can also unlock a DSD Enhancement through the **DSD Enhancement Control Panel** found on the Library Master Utilities Menu. Then, select the Enhancement with your mouse from the list of Enhancements and click the **Unlock Product** button on the right side of the window.

7. **Convert Data:** After unlocking, the DSD Conversion Wizard will appear. Follow on-screen instructions to complete data conversion. You can exit the conversion program without converting data. The Enhancement will not proceed, however, until data is converted. If you enter an enhanced program and data has not been converted, the conversion program will run again.



DSD Enhancement Control Panel

Starting with version 3.61, all DSD Enhancement products include DSD's Enhancement Control Panel. The DSD Enhancement Control Panel is accessed from the Library Master Utilities menu.

The DSD Enhancement Control Panel is a simple to use yet powerful system to help maintain DSD Enhancements installed on a Sage 100 system. To use it, select an Enhancement product from the list on the window and then click the button, on the right side of the window, which corresponds with the desired task.

View Manual: This button will display the product manual for the selected Enhancement using Adobe Acrobat. For this to be possible, the PDF file for the corresponding manual must be in the "MAS90/PDF" folder in the Sage 100 system. If the file is not

Enhancement Product	Ver (Code	Ext Status	Build Date	MP Expir	re Date
MBIM Multi-Bin	5.10 1	MBIM	MBI Not Unlocke	d 12/30/2016		
Selected: MBIM Multi-Bin						
	:k Product			www.dsdinc.com	1	
View Manual Unloc	:k Product All Products			www.dsdinc.com Product Webpage		
View Manual Unlock			Multi-Convert Data			E <u>x</u> it

present, and the system has web access, the correct PDF file will be automatically downloaded from the DSD website, put into the "MAS90/PDF" folder and then displayed.

Check the Web for Updates: This button will check the DSD website to see what the current build is the selected Enhancement and alert the user if a later version is available. *This requires an internet connection on the Sage 100 system.*

Unlock Product: This will cause the DSD Enhancement License Agreement and Activation window to appear. Using this window is described on the previous page. *This button is disabled if the selected Enhancement is already unlocked or if unlocking is not required.*

Unlock All Products: This will cause the DSD Enhancement All License Agreement and Activation window to appear. This window is similar to the one described on the previous page, but has only web and file as options to unlock. *This button is never disabled*.

Convert Data: After verification, the selected Enhancement's data conversion program will run. Data conversion is non-destructive, and may be triggered any number of times. Sometimes this is required to fix data records imported or updated from a non-enhancement installation.

Multi-Convert Data: Multiple Companies can be converted at the same time for a given Enhancement. (*If you have a large number of Companies to convert, please do in batches of 20 or fewer due to memory limitations.*)

	Company	Company Name	Activated	Converted	Convert		
1	ABC	ABC Distribution and Service Corp.	✓	I			
2	ABX	American Business Expressions	⊻	I			
3	XYZ	XYZ Manufacturing Company	⊻				

Help: The Help button, located at the bottom right of the window, opens an HTML help file.

Get Adobe Acrobat: Opens the Adobe Acrobat website to the page where Acrobat can be downloaded and installed.

Uninstall Enhancement If this option is available, then selecting this button will start the un-install process, removing the enhancement from the system. (for more information see <u>Uninstall DSD</u> Enhancements)

Section C: Setup

New Implementation Procedure

The following procedure is the recommended steps for a new implementation of DSD / ScanForce Multi-Bin Advanced. It is also recommended that these steps be performed <u>first</u> in a test company before implementing in a live operating company.

- 1. Activate the Multi-Bin module in Library Master Company Maintenance.
- 2. Access Role Maintenance and ensure that you have full access to the Multi-Bin Module.
- 3. Open Multi-Bin Options and enable Multi-Bin for this company code. (For more information see <u>Multi-Bin Options</u>)
- 4. Determine if Location Types are needed and setup Location Types in Location Type Maintenance. (For more information see Location Type Maintenance)
- 5. Determine which warehouse codes will be using Multi-Bin and what you will use for a Bin Structure.
- Enable Multi-Bin for each warehouse code and set up segments if desired. Then perform the initial bin transfer. Initial Bin Transfer is required when enabling a warehouse code. Set your allocation options and default locations for each of the warehouse codes. (see <u>Warehouse Bin</u> <u>Maintenance</u> and <u>Segment Code Maintenance</u>)
- 7. Use Auto-Generate Bin Locations utility to create bins based on defined segments (see Auto Generate Bin Locations Utility)
- 8. If default bin locations can be defined by Item Product Line, use the Product Line Bin Maintenance to assign default locations. (see <u>Product Line Bin Maintenance</u>)
- 9. Use Bin Location Maintenance to set up additional Bin Locations manually. (see <u>Bin Location</u> <u>Maintenance</u>)
- 10. Use Item Bin Maintenance to set specific settings for items by warehouse code. (see Item Bin Maintenance)

Multi-Bin Inventory Management Options

Multi-Bin Inventory Management Options presents a series of options to allow you to select features most appropriate for your business. You can access this task by selecting Multi-Bin Options from the Setup menu in the Multi-Bin module. This task must be completed first during the initial setup of the Multi-Bin module.

Main Tab

Multi-Bin Inventory Managemen	coptions (ADC) 1						
<u>1</u> . Main <u>2</u> . Entry :	3. Printing						
Allow Multi-Bin Distribution			5	2			
Allow On-The-Fly Bin Locations			E	2			
Allow Quick Bin Transfer			6	2			
Next Automatic Quick Bin Transfer N	umber		000000000	12			
Bin Location Sort Method		Alphabetical	`	~			
Lot/Serial Expiration Date UDF				٩,			
Item Maintenance / Inquiry							
			-	_			
Change double-click drill down of wa	ehouse to open Ite	m Bin Maintena	nce 🗄	2			
Change double-click drill down of wa	ehouse to open Ite	m Bin Maintena	nce 🛛	2			
Change double-click drill down of wa	ehouse to open Ite	m Bin Maintena	nce 🛛	2			
Change double-click drill down of wa	ehouse to open Ite	m Bin Maintena	nce 💽	2			
Change double-click drill down of wa	ehouse to open Ite	m Bin Maintena	nce 🛛	2			
Change double-click drill down of wa	ehouse to open Ite	m Bin Maintena	nce E	2			
Change double-click drill down of wa	ehouse to open Ite	m Bin Maintena	nce 🛛	2			
Change double-click drill down of wa	ehouse to open Ite	m Bin Maintena	nce 🛛	2			
Change double-click drill down of wa	ehouse to open Ite	m Bin Maintenai	nce E	2			
Change double-click drill down of wa	ehouse to open Ite	m Bin Maintena	nce E	2			
Change double-click drill down of wa	ehouse to open Ite	m Bin Maintenai	nce E	2			
Change double-click drill down of wa	ehouse to open Iter	m Bin Maintena	nce 💽	2			
Change double-click drill down of wa	ehouse to open Ite	m Bin Maintena	nce E	2			
Change double-click drill down of wa	ehouse to open Ite	m Bin Maintena	nce 💽				
Change double-click drill down of wa	ehouse to open Ite	m Bin Maintena	nce E				
Change double-click drill down of wa	ehouse to open Ite	m Bin Maintena	nce E	2			

Allow Multi-Bin Distribution: This option must be enabled in order to allow multi-bin distributions for this company code. You will not be allowed to make changes to this option if data entry or allocations are currently in process.

Allow On-The-Fly Bin Locations: Enable this option to allow users to enter bin locations on-the-fly during data entry tasks.

Allow Quick Bin Transfer: Enable this option to allow users access to Quick Bin Transfers while in Bin Location Maintenance or in Item Bin Maintenance. (For more information see <u>Bin Location</u> <u>Maintenance</u> and <u>Item Bin Maintenance</u>.)

Next Automatic Quick Bin Transfer Number: This sequence number is used each time a user creates a Quick Bin Transfer. This number may not be overridden and is for display purposes only.

Bin Location Sort Method: Choose the method in which bin locations will be sorted. **Select from "Alphabetical" or "Alternate Sort".** Alternate sorts may be defined at the Bin Location level. (For more information see <u>Bin Location Maintenance</u>)

Lot/Serial Expiration Date UDF: Select a date type IM_ItemCost user defined field to enable additional options for Lot/Serial allocations. When a UDF is selected, you will be allowed to set allocation for Lot/Serial items automatically based on the Lot/Serial Expiration Date. (See <u>Allocation Options</u>)

Note for Version 2020: In this version, Sage has added Lot/Serial Expiration Date functionality. The Multi-Bin 2020 version now supports this new Sage functionality -or- the original **Lot/Serial Expiration Date UDF**. If you would like to continue using the original **Lot/Serial Expiration Date UDF** functionality, then do not setup the new Sage functionality (in Item Maintenance). If you would like to use the new Sage 2020 functionality, then setup the new **Lot/Serial Expiration Date** settings in Item Maitenace, and the original Multi-Bin **Lot/Serial Expiration Date UDF** functionality will be ignored.

Item Maintenance/Inquiry

Change double-click drill down of warehouse to open Item Bin Maintenance: Enable this option to change the double click drill down feature in Item/Maintenance inquiry to open the Item Bin Maintenance screen. With this option disabled, the standard Quantity Recap screen will be displayed.

Entry Tab

<u>1</u> . Main <u>2</u> . Entry <u>3</u> . Printing		
em Bin Maintenance	Sales Order Distribution	
Default View to Lot/Serial	Disable Bin Distribution Auto-Popup	
Display Lot/Serial Expiration Date	Bypass Prompt to Delete Line if Distribution is Incomplete	
Distribution	Invoice / Shipping Distribution	
Lot/Serial Distribution Order Bin Location First 🔻	Ship Allocated Quantity No	•
Auto-Allocation Option Prompt to Auto-Allocate 👻	Only Auto-Ship from Enabled Location Types	
Default to Prior Value	Auto-Increment Bin/Lot/Serial	1
Allow Negative Bin Quantities (Non-Lot/Serial)	Min/Max Quantity	
Replenishment	Min/Max Usage Replenishment and Data Entry	•
Next Automatic Replenishment Entry Number 00000001		
Default Replenishment Type Restock 👻	S/O	_
Default Put Away From Selection From Bin Location 👻	Do Not Partially Allocate Kit Components	
Default Restock To Selection To Bin Location 👻		
Default Put Away Report Sort Sort by Bin Location 🔻		
BM/WO		
Enable Negative Auto-Allocation in BM/WO		
Enable Auto-Allocation in BM/WO for Unavailable Quantities		

Item Bin Maintenance

Default View to Lot/Serial: Enable this option to default the Quantity view in Item Bin Maintenance to Lot/Serial. With this option disabled, the view will default to "Item". For more information, see <u>Item</u> <u>Bin Maintenance</u>.

Display Lot/Serial Expiration Date: Enable this option to display the lot serial/expiration date in both Item Bin Maintenance and Bin Location Maintenance on the quantity tab.

Distribution

Lot/Serial Distribution Order: Select from this drop down the method in which Lot/Serial Items will be distributed. "Bin Location First" will allocate Lot/Serial items based on the bin location options first. "Lot/Serial First" will allocate first based on the lot/serial numbers.

Auto-Allocation Option: The Auto-Allocation features are only available in the Multi-Bin Advanced Product. For more information, see <u>Multi-Bin Advanced Features</u>

Default to Prior Value: Enable this option to have the Bin Location automatically default to the prior selection while in data entry screen. This can be manually changed at the warehouse level in Warehouse Bin Maintenance. (For more information see <u>Warehouse Bin Maintenance</u>)

Allow Negative Bin Quantities (non-Lot/Serial): Enable this option to allow negative quantities in bin locations. The valued stored here in options is a default and can be manually changed at the warehouse level in Warehouse Bin Maintenance. (For more information see <u>Warehouse Bin</u> <u>Maintenance</u>)

Replenishment: The Replenishment features are only available in the Multi-Bin Advanced Product. For more information, see <u>Multi-Bin Advanced Features</u> in the Multi-Bin Advanced Features section.

Sales Order Distribution

Disable Bin Distribution Auto-Popup: Select this option to disable the automatic display of the Bin Distribution screen when entering a multi-bin enabled item during sale order entry. With this option enabled the user can manually click on the distribution button in sales order entry to manually allocate items if desired. **Note:** The option in Sales Order Options to allow distribution of Lot/Serial numbers must be enabled in order to perform distributions in Sales Order Entry.

Bypass Prompt to Delete Line if Distribution is incomplete: With this option disabled, users will be prompted during sales order entry if distribution is incomplete. When this option is enabled, the prompt will be bypassed and will no longer appear.

S Sage	e 100	Х
2	This distribution is out of balance. Do you want to delete this line?	
	Yes No	

Invoice/Shipping Distribution

Ship Allocated Quantity: The "Ship Allocated Quantity" in Multi-Bin Options, allows users to determine how items that were previously allocated (either during Sales Order Entry or Picking Sheet Printing) will affect the shipping of items during Invoice and Shipping Data Entry. Users can select from "Yes", "No" or "Prompt".

If **"Yes"** is selected, no message box will appear when selecting the lines of an invoice and only items which were previously allocated will be marked as shipped. Non Multi-Bin enabled items or items which were not previously allocated will not be marked as shipped.

If **"No"** is selected, Invoice Data Entry and Shipping Data Entry will prompt the user when accessing the detail lines "Do you want to ship the complete sales order?". If "No" is selected in this message box, no items will be marked as shipped in the invoice. If "Yes" is selected, all items will be marked as shipped regardless of previous allocations, however all allocations performed on the sales order will still carry over into the invoice.



If **"Prompt"** is selected, the user will be presented with a new prompt when accessing detail lines in Invoice/Shipping Data Entry. The user can then choose "Yes" to ship the complete sales order and all items will be marked as shipped, "No" and no items will be marked as shipped or "Allocate" and only allocated items will be marked as shipped.

S Sag	e 100	Х
2	Do you want to ship the complete sales order ?	
(Yes <u>No</u> <u>A</u> llocate	

Only Auto-Ship from Enabled Location Types: Select this checkbox to enable the new **Auto-Ship when allocated in SO Entry** checkbox in Location Type Maintenance. This allows the user to enable/disable certain Location Types for this feature.

Auto-Increment Bin/Lot/Serial: With this option enabled and the "Auto-Increment Quantity" enabled in Shipping Setup Options, bin distribution quantities will be auto-incremented when auto-incrementing quantities in shipping data entry for scanning. This option will work with both Lot/Serial and non-Lot/Serial Items

Min/Max Quantity

The **Min/Max** feature for Replenishment is only available in the Multi-Bin Advanced Product. For more information, see <u>Multi-Bin Advanced Features</u> in the Multi-Bin Advanced Features section.

<u>s/o</u>

The **Auto-Allocate in Increments of Sales U/M** is only available in the Multi-Bin Advanced Product. For more information, see <u>Multi-Bin Advanced Features</u> in the Multi-Bin Advanced Features section.

Printing Tab

Recap Picking Sheets P/O Receipts Sort by Bin Location P/O Returns Sort by Bin Location P/O Material Requisition Sort by Bin Location S/O Sales Sort by Bin Location V/M Transaction Sort by Bin Location RMA Generate Transactions Sort by Bin Location Page Break by Warehouse Code Image: Code	<u>1</u> . Main <u>2</u> . Entry	3. Printing				
P/O Returns Sort by Bin Location Allow Auto-Allocation During Picking Sheet Printing P/O Material Requisition Sort by Bin Location Enable PO ROG Update to print SO Picking Sheets S/O Sales Sort by Bin Location Form Code to use from ROG VM Transaction Sort by Bin Location Populate 'Available' Fields RMA Generate Transactions Sort by Bin Location Include Serial Numbers in 'Available' Detail Include Lot Numbers in 'Available' Detail Allow Auto-Ship from Picking Sheet Printing	lecap		Pick	ing Sheets		
P/O Material Requisition Sort by Bin Location Enable PO ROG Update to print SO Picking Sheets Form Code to use from ROG Populate 'Available' Fields Include Serial Numbers in 'Available' Detail Allow Auto-Ship from Picking Sheet Printing Shipper ID 	P/O Receipts	Sort by Bin Location	▼ Pri	int Picking Sheets By	Bin / Item	•
S/O Sales Sort by Bin Location Form Code to use from ROG VM Transaction Sort by Bin Location Populate 'Available' Fields RMA Generate Transactions Sort by Bin Location Include Serial Numbers in 'Available' Detail Include Lot Numbers in 'Available' Detail Include Lot Numbers in 'Available' Detail Allow Auto-Ship from Picking Sheet Printing Shipper ID	P/O Returns	Sort by Bin Location	▼ AI	low Auto-Allocation During Pic	king Sheet Printing	
VM Transaction Sort by Bin Location Populate 'Available' Fields Include Serial Numbers in 'Available' Detail Include Lot Numbers in 'Available' Detail Allow Auto-Ship from Picking Sheet Printing Shipper ID Shipper ID	P/O Material Requisition	Sort by Bin Location	▼ En	able PO ROG Update to print S	O Picking Sheets	
VM Transaction Sort by Bin Location Populate 'Available' Fields Include Serial Numbers in 'Available' Detail Include Lot Numbers in 'Available' Detail Allow Auto-Ship from Picking Sheet Printing Shipper ID Shipper ID	S/O Sales	Sort by Bin Location	▼ Fo	rm Code to use from ROG		0
Include Lot Numbers in 'Available' Detail Allow Auto-Ship from Picking Sheet Printing Shipper ID	VM Transaction	Sort by Bin Location	▼ Po	pulate 'Available' Fields		
Allow Auto-Ship from Picking Sheet Printing Shipper ID	RMA Generate Transactions	Sort by Bin Location		clude Serial Numbers in 'Availa	ble' Detail	
Shipper ID			Inc	clude Lot Numbers in 'Available	e' Detail	
			Al	low Auto-Ship from Picking Sh	eet Printing	Ľ
Page Break by Warehouse Code			Sh	ipper ID		
	Page Break by Warehouse Code	5				

Recap:

Multi-Bin recaps can be printed during the posting of inventory transactions. Select from "Do Not Print", "Bin Location Order" and "Alternate Sort". Printing these recaps for inventory transactions will list which items need to be picked and which items will need to be put-away from the bin locations.

Picking Sheets:

Print Picking Sheets By: Select from this drop down the default method for printing picking sheets. This option may be changed during picking sheet printing. Available options for picking sheet printing are "Order", "Bin/Item" and "Bin/Item/Order".

Allow Auto-Allocation During Picking Sheet Printing: The Picking Sheet Auto-Allocation features are only available in the Multi-Bin Advanced Product. For more information, see <u>Picking Sheet Printing</u> in the Multi-Bin Advanced Features section.

Enable PO ROG Update to print SO Picking Sheets: For more information, see <u>Multi-Bin Advanced</u> <u>Features</u> in the Multi-Bin Advanced Features section.

Populate 'Available' Fields: Select this checkbox to populate the 'Available' fields on the Picking Sheet Printing for available bins. If a Sales Order line has NOT been fully allocated to a bin location(s), then the Picking Sheet can print which bins have that item **available**. There are 10 sets of fields that

correspond to the available bins: SO234_MBI_AvailBinLocation01, SO234_MBI_AvailPallet01, SO234_MBI_AvailLotSerial01, and SO234_MBI_AvailQuantity01. These 4 fields are repeated 1-10, so the program will therefore print up to 10 bin locations that have those items available. The user must add these fields to the Crystal Form.

Include Serial Numbers in 'Available' fields: Select this checkbox to populate the 'Available' fields SO234_MBI_AvailLotSerial01 thru SO234_MBI_AvailLotSerial10 for **Serial Number** items.

Include Lot Numbers in 'Available' fields: Select this checkbox to populate the 'Available' fields SO234_MBI_AvailLotSerial01 thru SO234_MBI_AvailLotSerial10 for **Lot Number** items.

Allow Auto-Ship from Picking Sheet Printing: For more information, see <u>Multi-Bin Advanced Features</u> in the Multi-Bin Advanced Features section.

Location Type Maintenance

Location Type Maintenance is used to define various types or areas of bin locations. This task may also be used to set specific transaction restrictions for bins assigned with this location type. Minimum and Maximum quantities may be defined by location type as well.

ocation Type	🦳 🔍 14 🐠 1
escription	
Transaction Restrictions	Disallow
IM Receipts	
IM Transfer From	
IM Transfer To	
IM issues	
IM Sales	
PO Receipts	
PO Returns	
PO Material Req	
Sales Orders	
SO Invoices	
RMA	
BM Production Entry	
BM Disassembly	
PM Transactions	
Replenishment From	
Replenishment To	
SO Auto Allocate	
Auto-Ship when allocated in SO Entry	
Minimum Quantity .(00
Maximum Quantity .(00

Typical location types may include "Picking", "Shipping", "Receiving" or "Overstock". Location types may also be used to define regions or other areas within your warehouse.

Modules which are not installed/setup will not be available for selection. Work Order transactions are only available if the Multi-bin Work Order (MBWO) enhancement is installed.

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User's Manual

Replenishment is only available with Multi-Bin Advanced installed. For more information on Replenishment, see <u>Multi-Bin Advanced Features</u>.

Warehouse Bin Maintenance

The Warehouse Bin Maintenance task is used to enable Multi-Bin distribution for each warehouse code, set warehouse specific settings and allocations, define the Bin location structure, and perform the initial bin transfer.

Note: You must perform the initial bin transfer when first enabling Multi-Bin Distribution in a warehouse. It is recommended that any negative inventory be corrected prior to enabling Multi-Bin distribution.

	e Bin Maintenance (ABC) 12	2/27/201	16			_		×
rehouse Cc	ode 000 🗐 🗇 🚺 🖣		CENTRAL WAR	REHOUSE			Cg	ру
<u>1</u> . Main	2. Allocations							
		-	iive Bin Quantities (n Sort Method	non-Lot/Serial) 🗹 Allos Alphabetical 🗸	w On-The-Fl	ly Bin Lo	cations	
Structure						۴T		
Segment	Segment Name	Len	Separator	From		To		
1	Aisle	1	- dash	A	Z			
2	Rack	3	- dash	000	ZZZ			
3	Bin	2		00	99			
4		0						
5		0						
- Default Bin	Initial Transfer into Bins Location /arehouse Bin Location if setu		A-00	0-00				

Allow Multi-Bin Distribution: Enable this option to allow multi-bin distributions for this warehouse code.

Allow Quick Bin Transfer: Enable this option to allow Quick Bin transfers in Item Bin Maintenance and Bin Location Maintenance. Quick Bin Transfers allow for items to be quickly moved from one location to another without creating inventory transactions.

Allow Negative Bin Quantities (non-Lot/Serial): Enable this option to allow negative quantities in bins for non-lot/serial items. When creating non-lot/serial allocations which will create a negative quantity in the bin location, users must also have the "Allow Negative Bin Quantities (non-LS)" option enabled in Role Maintenance Security Options.

Bin Location Sort Method: Select from "Alphabetical" or "Alternate Sort". Use the "Alternate Sort" method to customize the pick/put away order. The "Alternate Sort" for each bin is assigned in Bin Location Maintenance.

Allow On-The-Fly Bin Locations: Enable this option to allow On-The-Fly bin locations during data entry tasks.

Bin Location Structure

The Bin Location Structure can be used to assign a specific format and segments for your bin location codes. Typical segments may include "Aisle", "Rack", "Bin", etc. You may define up to 5 segments for your Bin Location Structure. Segments are not required, however you must define at least one segment in order to use the "Auto Generate Bin Locations" utility. After defining the Bin Location Structure, select the "Create Segment" icon above the Structure grid to access the "Segment Code Maintenance" task. For more information see <u>Segment Code Maintenance</u>.

<u>1</u> . Main Settings	2. Allocations							
- Allow Multi-	Bin Distribution he-Fly Bin Locations	\square		Allow On-The-Fly Bin Transfer Bin Location Sort Method		☑ Alphabetical ✓		
Structure							የፐ	
Segment	Segment Name	Len	Separator	From		To		
1	Aisle	1	- dash	A	Z			
2	Rack	3	- dash	000	ZZZ			
3	Bin	2		00	99			
4		0						
5		0						
Settings for Default Bin	Initial Transfer into Bins Location		A-0	00-00				

Settings for Initial Transfer into Bins

The settings for initial transfer into bins are required when first enabling a warehouse code for Multi-Bin Distribution. At least one bin location must be defined in Bin Location Maintenance for the initial transfer. These settings are only visible when first enabling a warehouse code

Default Bin Location: Enter a default bin location for all inventory items to be transferred into. This field is required. Any item with a quantity on hand will be placed into this location code.

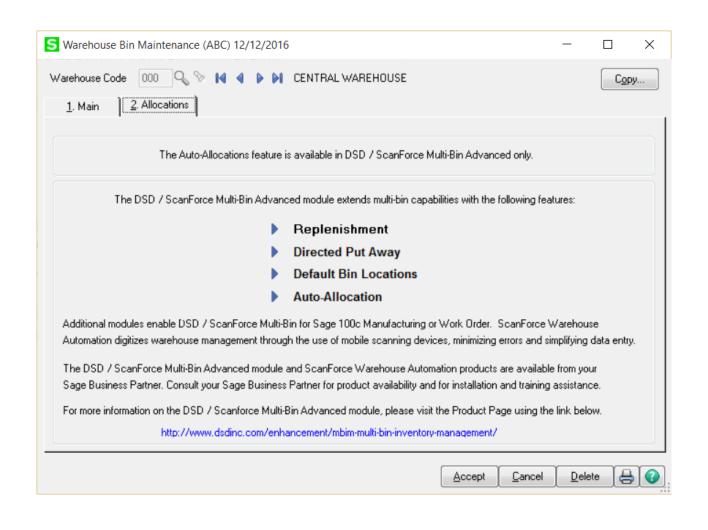
Use Item/Warehouse Bin Location if setup: This option may be enabled to create the bin location and transfer items into that location if the bin location field was previously defined in the standard Sage

20

100 bin location field. Any items without a bin location defined in the standard Sage 100 bin location field will be transferred to the "Default Bin Location" assigned above.

Allocations

The Auto-Allocation features are only available in the Multi-Bin Advanced Product. For more information, see <u>Multi-Bin Advanced Features</u> in the Multi-Bin Advanced Features section.



Segment Code Maintenance

Segment Code Maintenance is used to create segment codes for your bin locations. Segment codes may be created either manually by entering the segment codes into the left segment code grid, or they can be "Auto Created" by entering the range of digits in the "From" and "To" columns in the grid on the right. Segment codes are required in order to use the Auto Generate Bin Locations utility. This task may be accessed from the Sage 100 menu or from within Warehouse Bin Maintenance.

Example: If you wish to generate segments 100 – 800 you would enter the below then select the "Auto Create" button.

s	9 ^e Segr	nent Code	Maintenance (ABC) 4/24/2016			_		×
	Warehou	use Code	000 CENTRAL WAREHOUSE	Segment	1			
			Segment Code		From		To	
			Segment Lode	 	From			
	1	100			1		8	
	2	200			0		0	
	3	300			0		0	
	4	400						
	5	500						
	6	600						
	7	700						
	8	800						
	9							

Example: If you wish to generate segments A10 – A29 you would enter the below then select the "Auto Create" button.

	Segment Code	▲ [−]	From	То
1	A10		A	A
2	A11		1	2
3	A12		0	9
4	A13			
5	A14			
6	A15			
7	A16			
8	A17			
9	A18			
10	A19			
11	A20			
12	A21			
13	A22			
14	A23			
15	A24			
16	A25			
17	A26			
18	A27			
19	A28			
20	A29			

Product Line Bin Maintenance

Use the Product Line Bin Maintenance task to optionally choose to disable multi-bin distribution for specific product lines or assign default bin locations by product line. Choose the "Apply" button at the bottom of this screen to apply change made to existing items.

anForce Multi-Bin Ac	lvanced		
S Product Line Bin Maintenance	(XYZ) 11/27/2016	-	- 🗆 ×
Product Line COMP % Warehouse Code 000 % M	Id d D DI Various Components MAIN WAREHOUSE		
Disable Multi-Bini			
Default Bin Locations - Only Available	with Multi-Bin Advanced		
Default Receiving Bin Location 1		9	
Default Receiving Bin Location 2		0	
Default Receiving Bin Location 3		0	
Default Receiving Bin Location 4		0	
Default Receiving Bin Location 5		0	
Default Picking Bin Location 1		9	
Default Picking Bin Location 2		9	
Default Picking Bin Location 3		9	
Default Picking Bin Location 4		9	
Default Picking Bin Location 5		9	
		0	

The Default Bin Location features are only available in the Multi-Bin Advanced Product. For more information, see <u>Multi-Bin Advanced Features</u> in the Multi-Bin Advanced Features section.

Section D: System Operations

Bin Location Maintenance

The Bin Location Maintenance task is used to create new bin locations, define bin specific settings and restrictions, view historical transaction information, and view current item allocations.

Main Tab

Bin Location M	aintenance (ABC) 1/18/	2017		- 🗆 ×
arehouse Code n Location escription <u>1</u> . Main <u>2</u> .	000 Q > I4 4 A-100-00 Picking Location: A-100- Restrictions <u>3</u> . Item	00	AREHOUSE	Copy Transfer
Segment Aisle Rack Bin	A 100 00	Sort	Active Location Type PICKING Minimum Quantity Maximum Quantity	.00
Last Received Last Issued Last Sold	Date	User	Quantity Item .00 .00 .00	^ ~ ~
lotes				^ ~
			Accept	ancel Delete 🔒 🕻

Sort: Enter an optional "Alternate Sort" for each bin location segment. The sort defined in this grid is only used if "Alternate Sort" has been chosen as the sort method in Warehouse Bin Maintenance.

Active: By default, all bin locations are set to "Active". Uncheck this checkbox to set a bin location as inactive. Bin locations set as inactive are not available for distribution during data entry tasks.

Location Type: Select a location type to assign to this bin location. Location types can be defined in Location Type Maintenance.

Minimum Quantity/Maximum Quantity: Enter a minimum and/or maximum quantity for this bin location. If these values are set to 0, then there is no minimum or maximum assigned to this location. If a maximum is set, this will limit the quantity allowed in this location.

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Copy: Select the "Copy" button to copy the bin settings from this location to another bin location. **Transfer:** Select the "Transfer" button to transfer all items in this location to another bin location. This button is only available if the "Allow Quick Bin Transfers" option has been enabled in Multi-Bin Options. For more information see <u>Quick Bin Transfers</u>.

Restrictions Tab

rehouse Code 000 🔍 📎 14 4 14 14 CENTRAL WAREHOUSE Location A-100-00 🔍 🖳 scription Picking Location: A-100-00 1. Main 2. Restrictions 3. Items 4. Quantity 5. Transactions 5. Allocations		C <u>o</u> py T <u>r</u> ansfer
ransaction Restrictions Disallow I Receipts I Transfer From I Transfer To I Saues O Receipts O Re	tem Restriction None Customer / Order Restriction None None Customer Specific Cust Sort Specific Cust Type Specific Sales Order Specific	

Item Restriction: Select from this drop down to specify specific item-based restrictions for this bin location. Select from "None", "Item-Specific", "Product Line-Specific", "Same Item", "Same Product Line", or "Product Line UDF". This can be used to restrict different items from being placed into a bin. "Same Item" or "Product Line" restriction can be set only if the bin location is not empty and contains the same items (items with the same product line).

Example: If the Item Restriction is set to "Item Specific" and the item code selected is "6655" only item 6655 may be put into this location.

If the "Product Line UDF" is selected, then you must first create a Custom Office UDF in Product Line Maintenance called "UDF_BIN_RESTRICTION". With this option set, you may only put an item in this location if the UDF value for a Product Line matches Product Line UDF for the Bin Location.

Customer /Order Restriction: Select from this drop down to specify specific customer-based restrictions for this bin location. Select from "None", "Customer Specific", "Cust Sort Specific", "Cust Type Specific", or "Sales Order Specific".

Select the "Customer Specific" to only allow a specific customer to relieve inventory from this bin. *Example: If the Customer Restriction is set to "O1-ABF" only orders/invoices for this customer can use this bin.*

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Select the "Cust Sort Specific" to only allow customers that match the Customer Sort field in Customer Maintenance to relieve inventory from this bin.

Select the "Cust Type Specific" to only allow customers that match the Customer Type field in Customer Maintenance to relieve inventory from this bin.

Select the "Sales Order Specific" to only allow a specific Sales Order to allocate inventory from this bin.

These restrictions do not affect inbound transactions such as purchase order receipts or inventory receipts. This restriction affects only transactions in the sales order module.

Transaction Restrictions: Enable the checkboxes in the transaction restrictions grid to disallow the use of this bin for certain transaction types.

Items Tab

The Items Tab in Bin Location Maintenance is used to define Item/Bin specific minimum and maximum quantities. These are particularly useful during the Replenishment Selection process (and are required for using Restock) however they are applicable throughout the entire system. Items listed here are not a restriction on the bin, however the maximum quantities are honored during any inbound distribution of bin quantities. Example, if an item/bin combination has a maximum set of 100, no more than 100 of that item can be received during purchase order receipt of goods entry.

Image: Secret prior Picking Location: A-100-00 1. Main 2. Restrictions 3. Items 4. Quantity 5. Transactions 6. Allocations Image: Transaction Restrictions Disallow Item Restriction Item Restriction IM Receipts Image: Transaction Restriction Image: Transaction Restriction Image: Transaction Restriction IM Transfer To Image: Transaction Restriction Image: Transaction Restriction Image: Transaction Restriction IM Transfer To Image: Transaction Restriction Image: Transaction Restriction Image: Transaction Restriction IM Issues Image: Transaction Restriction Image: Transaction Restriction Image: Transaction Restriction IM Issues Image: Transaction Restriction Image: Transaction Restriction Image: Transaction Restriction IM Issues Image: Transaction Restriction Image: Transaction Restriction Image: Transaction Restriction IM Issues Image: Transaction Restriction Image: Transaction Restriction Image: Transaction Restriction IM Issues Image: Transaction Restriction Image: Transaction Restriction Image: Transaction Restriction Image: Transaction Restriction Image: Transaction Restriction Image: Transaction R	/arehouse Code	001 🔍 🗞 📢		С <u>о</u> ру
1. Main 2. Restrictions 3. Items 4. Quantity 5. Transactions 6. Allocations Transaction Restrictions Disallow IM Receipts Image: Construction Construction IM Transfer To IM Transfer To IM Transfer To IM Issues PO Receipts Image: Construction Restriction PO Returns Image: Construction Restriction PO Returns Image: Construction Restriction PO Material Req Image: Construction Restriction BM Disassembly BM Disassembly WO Transactions Replenishment From	in Location			T <u>r</u> ansfer.
Transaction Restrictions Disallow IM Receipts IM Transfer To IM Transfer To IM Issues PO Receipts IM Issues PO Returns IM Solars PO Material Req IM Disassembly BM Disassembly BM Disassembly BM Disastorns Replenishment From	escription	Picking Location: A	100-00	
Transaction Restrictions Disallow IM Receipts Image: Construction Construction IM Transfer To Image: Construction Construction IM Issues Image: Construction Construction PO Receipts Image: Construction Construction PO Material Req Image: Construction Construction SO / IM Sales / RMA Image: Construction Construction BM Production Entry Image: Construction Construction BM Disassembly Image: Construction Construction Construction Replenishment From Image: Construction Construction Construction	<u>1</u> . Main 2	. Restrictions <u>3</u>	Items <u>4</u> . Quantity <u>5</u> . Transactions <u>6</u> . Allocations	
IM Receipts IM Transfer From IM Transfer To IM Transfer To IM Issues PO Receipts IM PO Receipts IM PO Receipts IM PO Returns IM Sales / RMA BM Disassembly			Item Restriction	
IM Transfer From IM Transfer To IM Issues ID Receipts IM PO Receipts IM PO Returns IM Solars / RMA IM Solars / RMA IM Disassembly	Transaction Res	trictions Disallow	None ~	
IM Transfer From IM Transfer To IM Issues IM Issues PO Receipts IM PO Receipts IM PO Returns IM PO Material Req IM SO / IM Sales / RMA IM BM Production Entry IM BM Disassembly IM Replenishment From	IM Receipts		Customer Destriction	
IM Issues PO Receipts PO Returns PO Material Req PO Material Req <t< td=""><td>IM Transfer From</td><td></td><td>Lustomer Hestriction</td><td></td></t<>	IM Transfer From		Lustomer Hestriction	
PO Receipts Image: Comparison of the	IM Transfer To		Customer-Specific ~ Customer No. 01-ABF	٩,
PO Returns Image: Comparison of the	IM Issues			
PD Material Req Image: Comparison of the system of the s	PO Receipts			
SD / IM Sales / RMA Image: Constraint of the second seco	PO Returns			
BM Production Entry Image: Constraint of the second seco	PO Material Req	I		
BM Disassembly Image: Constraint of the second se	SO / IM Sales / P	RMA 🔲		
Replenishment From	BM Production Er	ntry 🗌		
Replenishment From	BM Disassembly			
	WO Transactions			
Replenishment To	Replenishment Fr	om 🗌		
	Replenishment T	•		

Quantity Tab

The "Quantity" tab in Bin Location Maintenance shows the quantity on hand, as well as quantities allocated in various types of transactions. Use the drop down below to view the quantities based on item or Lot/Serial. Select a line to enable the "Transfer" button. Selecting the "Transfer" button allows for a user to quickly transfer this item to another bin without having to enter and post an inventory transaction. Quick Bin Transfers must be enabled in Multi-Bin Options in order to access the transfer button in Bin Location Maintenance. For more information see <u>Quick Bin Transfers</u>.

ehouse Code 000 Location A-100- cription			RAL WAREH(DUSE	llocations					nsfer items er location		C <u>opy</u> T <u>r</u> ansf
ltem 1001-HON-H252 2480-8-50 4896-18-14-3 01400 D1400 D1700	Description HON 2 DRAW DESK FILE 8" PAPER CADD EXECUTIVE D SECRETARY I	CAP 50 Y 18'W 1 ESK ENS	On Hand .00 .00 7.00 21.00	PO Receipts .00 .00 .00 .00	P0 Returns .00 .00 .00 .00	PO Mat Reg IM Tran .00 .00 .00 .00	vacti S(.00 .00 .00 .00 .00	0/IM Sales .00 .00 .00 .00	Repl From .00 .00 .00 .00	0 100.00 0 100.00 0 94.00	Available .00 .00 7.00 21.00	2
On Hand Totals 28.00	On PO Ropts	On PO Rtns .00	On PO MR .00	On IM Trans .00	On SO/IM SIs .00	On Repl From .00	On	Repl To 294.00	Available 28.00			

Transactions and Allocations Tabs

Access the "Transactions" tab to view all transaction history for this bin location. "Allocations" is used to view all current allocations for this bin location.

Bin Loc Warehouse Bin Location Description <u>1</u> . Main	n A-100-00		CENTRAL WAREH		Allocations]		-	Copy Transfer	×		
ltem D1400 D1700		Description EXECUTIVE DESK SECRETARY DESI		Date 7/14/2016 7/14/2016		No. GINTRANS GINTRANS	Quantity 7.00 21.00	H			
	Warehouse Code Bin Location Description <u>1</u> . Main	-		CENTRAL		NUSE	Allocations			(Copy Transfer
	Item 1001-HON-H2 2490-8-50 4886-18-14-3		Description HON 2 DRAW DESK FILE 8" PAPER CADD	CAP 50		Type Repl To Repl To Repl To	Ref No. 00000011 00000011 00000011	Lot Serial No.		Quantity 100.00 100.00 94.00	
								Accept	<u>C</u> ance	I <u>D</u> elete	80

Item Bin Maintenance

The Item Bin Maintenance task is used to define item specific bin settings and defaults (such as default receiving, picking and overstock locations) as well as view item bin information in the "Quantity", "Transactions", and "Allocations" tabs. This task may be accessed from the Multi-Bin menu in Sage 100 or from the "More..." button in Item Maintenance/Inquiry.

Product Type Finished C Valuation FIFO Procurement Buy Price Code STD	R LETTER FLE W/D LK tional 3. Quantity 4. History 5. Tran WORKSTATION FURN & ACCESS volume 0.0000 Inventory Cycle 8 STANDARD QUANTITY PRIC Primary Vendor 0	nsactions] <u>6</u> . Orders] <u>7</u> . Co Measure rd EACH	Vendors Sat Detail Alias Alternate Beorder Price Lookup Sales Promotion Lot / Serial Lot / Serial Them	
	Item Bin Maintenance (ABC) 11/28/2 Item Code 1001-HON-H252 Warehouse Code 000 Q CENTR	2016 RAL WAREHOUSE	> 🚺 🖣 🕨 🕅 HON 2 DRAWEI	- C ×
	1. Main 2. Quantity	<u>3</u> . Transactions	4. Allocations	
	Disable Multi-Bin Default Bin Locations - Only Available with Default Receiving Bin Location 1 Default Receiving Bin Location 2 Default Receiving Bin Location 3 Default Receiving Bin Location 5 Default Picking Bin Location 1 Default Picking Bin Location 3 Default Picking Bin Location 3 Default Picking Bin Location 4 Default Picking Bin Location 5 Default Verstock Bin Location 5 Default Verstock Bin Location	ı Multi-Bin Advanced	d d d d d d d d d d	

The Default Bin Location features are only available in the Multi-Bin Advanced Product. For more information, see <u>Multi-Bin Advanced Features</u> in the Multi-Bin Advanced Features section.

Quick Bin Transfers

Quick Bin Transfers are available in several screens with in the Multi-Bin module and they provide a quick and easy way to transfer items from one bin location to another, without having to make an inventory transaction.

Note: The option to allow Quick Bin Transfers must be enabled in Multi-Bin Options in order to use this feature.

Quick Bin Transfers may be performed in Bin Location maintenance either by selecting the "Transfer" button at the top of the screen or by selecting a line on the Quantity tab and selecting the transfer button to the right.

* Bin Loca arehouse C Location scription <u>1</u> . Main		Bin	CEN	TRAL WAREHO	IUSE	Allocations	_	Cor Trans	_	Transfer all available items in this bin to another location
Item 1001-H01 2480-8-50 2481-5-50 8971 GL08-V-3 PFS-007 SPEAKEF WJ-M-210	D D 3672-25w CABLE RS	Description HON 2 DRAW DESK FILE 8" DESK FILE 5 I UNIVERSAL 5 GLOBE FOLDI EIA R5232 CA SPEAKERS POST BINDEF	CAP 50 /4'' CAP 50 1/4'' SS NG TABL BLE 7 CO	On Hand .00 .00 .00 .00 .00 12,000 .00	PO Receipts .00 .00 .00 .00 .00 .00 .00	P0 Returns .00 .00 .00 .00 .00 .00	PO Mat Req IM .00 .00 .00 .00 .00 .00 .00		1	Transfer all available quantities for single item to another location
<								>		
	On Hand	On PO Ropts	On PO Rtns	On PO MR	On IM Trans	On SO/IM SIs	On Repl F	rom		
Totals	12,000.25	.00	.00	.00	.00	.00		.00		
<								>		
Item	~	Show Zero Q	luantities]		Accept	<u>Cancel</u> <u>D</u> ela	ete 🛛 🗲		

When transferring all items in the bin location, a window will appear allowing the user to select the To Bin Location. Once a To Bin Location is chosen and the "OK" button is selected, the items will immediately be transferred to their destination bin.

Warehouse Code	000	
From Bin Location	A-100-20	
Available Quantity	12,000.25	
To Bin Location		9

30

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When transferring a single item, a window will appear allowing you to choose both the To Bin Location and the Transfer Quantity.

9ª Transfer		>
Item Code Warehouse Code From Bin Location Available Quantity	PFS-007-CABLE 000 A-100-20 12,000.25	
To Bin Location Transfer Quantity	.00	
		K <u>C</u> ancel 🕜

When transferring single items which are Lot/Serial items, the transfer will function differently based on the view selected in Bin Location Maintenance.

If the Bin Location Maintenance view on the Quantity Tab is set to "Item", the transfer will transfer all serial numbers which are available to another bin location.

sage * Bin Location Maintenance (ABC) 7/21/2016		– 🗆 X	
Warehouse Code 000 1 <th1< th=""> 1 1</th1<>	CENTRAL WAREHOUSE A. Quantity 5. Transactions 6. Allocations	Copy Transfer	
Item Description GB-MD750 MODEM 9600 (SYNC	· · · · · · · · · · · · · · · · · · ·	t Req IM Transa	
	sege Transfer	×	K
<	Item Code GB-MD750 Warehouse Code 000 From Bin Location B-100-30 Available Quantity 15.00	Lot/Serial No ALL	
On Hand On PO Ropts On F Totals 15.00 .00 Item Show Zero Quantitie	To Bin Location Transfer Quantity 15.00	Q <u>Q</u> K <u>C</u> ancel Q	
	Accept Cancel		

If the view is set to "Lot/Serial" and transfer is selected, then an individual Lot/Serial Number will be transferred.

	0 🕹 🔄 📢 🔌 🕨 🅅 100-30 efault Bin	CENTRAL WAREHOUSE			C <u>o</u> py ransfer
<u>1</u> . Main <u>2</u> . Re	estrictions] <u>3</u> . Items]	<u>4</u> . Quantity <u>5</u> . Transactions <u>6</u>	. Allocations]
Item GB-MD750 GB-MD750 GB-MD750 GB-MD750 GB-MD750	Lot/Serial 11 123 Transfer	On Hand PO Receipts 1.00 .00 1.00 .00	PO Returns PO .00 .00	Mat Req IM Tra .00 .00	
GB-MD 750 GB-MD 750 GB-MD 750 GB-MD 750 GB-MD 750 GB-MD 750 GB-MD 750 GB-MD 750	Item Code Warehouse Code From Bin Location Available Quantity	GB-MD750 000 B-100-30 1.00	Lot/Seria	al No 11	
GB-MD750	and (.00	00			<u>C</u> ancel (
Lot / Serial	Show Zero Quantities	s []			

The Quick Bin functionality is also available in Item Bin Maintenance on the Quantity Tab as well an functions in the same manner as in Bin Location Maintenance.

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Reports Menu

Item Listing

Print the "Item Listing" from the Multi-Bin Inventory Management Reports menu to print a listing of each item code and bin related information. This report may also be accessed from the Multi-Bin Item Maintenance task.

					ABC Distribution and Service Corp. (AB
item Code	Description	Warehouse	Description		Disable Multi-Bin
1001-HON-H252	HON 2 DRAWER LETTER FLE W/O LK	000	CENTRAL WAR	REHOUSE	No
Default Receiving BinLocation1: Default Picking BinLocation 1: Default Overstock Bin Location:	E-300-10 E-300-10 OVERSTOCK	0	tock/Overflow Loc		
Last Received Date: 4/24/2016 Last Received Bin Location:			ved Quantity:	500.00	
Last Issued Date:	Last Issued By:	Last Issued	d Quantity:	0.00	
Last Sold Date:	Last Sold By:	Last Sold C	Quantity:	0.00	
Last Counted Date:	Last Counted By	Last Count	ted Quantity:	0.00	

Bin Location Listing

Print the "Bin Location Listing" from the Multi-Bin Inventory Management Reports menu to print a listing of each bin location and associated settings. This report may also be accessed from the Bin Location Maintenance task.

Bin Location Description		ation Description		Warehous Code	se Description	
A-100-00				000	CENTRAL WAREHOUS	Æ
Location Type						
Active:	Yes					
Segment1: Name:	Aisle		Setting:	A	S	ort:
Segment2: Name:	Rack		Setting:	100	S	ort:
Segment3: Name:	Bin		Setting:	00	S	ort:
Segment4: Name:			Setting:		S	ort:
Segment5: Name:			Setting:		S	ort
Item Restriction:		None				
Customer Restriction:		None				
Replenishment:		No				
Minimum Quantity:		0.00				
MaximumQuantity:		0.00				
Disallow IM Receipts:		No				
Disallow IM Transfer F	rom:	No				
Disallow IM Issues:		No				
Disallow IM Transfer T	a	No				
Disallow PO Receipts:		No				
Disallow PO Returns:		No				
Disallow PO Material R		No				
Disallow SO Shipping:		No				
Disallow BM Production		No				
Disallow BM Disassem	bly:	No				
Quantity On Hand:		528.00				
Last Received Date:	4/24/201	Last Received B		SD	Last Received Quantity:	500.00
Lat Received Item:	1001-HON-H252		HON 2 D	RAWER LET	ITER FLE W/O	

Bin Location Stock Status Report

Use the "Bin Location Stock Status Report" to print current quantity on hand information. This report may be sorted by Item Code or by Bin Location.

							(AB1)
Warehouse: 000 CENTRAL WAREHOUSE Item Code / Description				Quantity			
Bin Location	On Hand	On PO	On IM On S	O/IM Sales	On BM	On WO	Available
1001-HON-H252 HON 2 DRAWER LETTER FLE W/O LK		Produc	tLine WF&A	U/M EACH	I.		
A-000-00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E-300-10	2,675.00	0.00	0.00	0.00	0.00	0.00	2,675.00
Item 1001-HON-H252 Total:	2,675.00	0.00	0.00	0.00	0.00	0.00	2,675.0
1001-HON-H252LK HON 2 DRAWER LETTER FLE W/ LCK		Produc	tLine WF&A	U/M EACH	I.		
E-300-20	73.00	0.00	0.00	0.00	0.00	0.00	73.00
Item 1001-HON-H252LK Total:	73.00	0.00	0.00	0.00	0.00	0.00	73.00
1001-HON-H254 HON 4 DRAWER LETTER FLE W/O LK		Produc	tLine WF&A	U/M EACH	I.		
E-300-30	86.00	0.00	0.00	0.00	0.00	0.00	86.00
Item 1001-HON-H254 Total:	86.00	0.00	0.00	0.00	0.00	0.00	86.00
1001-HON-H254LK HON 4 DRAWER LETTER FLE W/ LCK		Produc	tLine WF&A	U/M EACH	l.		
E-300-40	52.00	0.00	0.00	0.00	0.00	0.00	52.00
Item 1001-HON-H254LK Total:	52.00	0.00	0.00	0.00	0.00	0.00	52.0

Bin Location Allocation Report

Print the "Bin Location Allocation Report" to print current allocations for items. This report may be sorted by Item Code or by Bin Location.

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-			ABC Di	stribution and	Service Corp. (ABC
Narehouse: 001 EAST WAREHOUSE tem Code / Description					
Bin Location	Transaction Type	Reference No	Transacti	on Quantity	
1001-HON-H252 HON 2 DRAWER LETTER FLE W/O LK		Product Line WF&A	U/M E/	АСН	
E-300-10	SO Sales Order	0000156		2.00	
E-300-10	SO Sales Order	0000171		1.00	
E-300-10	SO Sales Order	0000174		1.00	
		Item 1001-HON-H252 1	otal:	4.00	
1001-HON-H254LK HON 4 DRAWER LETTER FLE W/ LCK		Product Line WF&A	U/M E/	АСН	
E-300-40	SO Sales Order	0000116		3.00	
		Item 1001-HON-H254LK 1	otal:	3.00	
3650-26-16-11 SOUND CVR 26"W 16"D 11"H DM		Product Line PS&A	U/M E/	АСН	
D-300-20	SO Sales Order	0000157		3.00	
D-300-20	SO Sales Order	0000164		1.00	
		Item 6650-26-16-11	otal:	4.00	
655 PRINTER STAND W/ BASKET		Product Line PS&A	U/M E/	АСН	
D-100-10	SO Sales Order	0000162		3.00	

Bin Location Transaction History Report

Print the "Bin Location Allocation Report" from the Multi-Bin Inventory Management Reports menu to print historical transactions for bin locations. This report may be sorted by Item Code or by Bin Location.

tion History Report n			ABC	Distribution and Service Corp. (AE
AL WAREHOUSE				
Description	Туре	Date	Reference No	Transaction Quantity
		Location T	уре	
HON 2 DRAWER LETTER FLE W/O LK	IR	04/24/2016	0000013	500.00
EXECUTIVE DESK ENSEMBLE	BB	04/24/2016	BEGINTRANS	7.00
SECRETARY DESK ENSEMBLE	BB	04/24/2016	BEGINTRANS	21.00
	n Description HON 2 DRAWER LETTER FLE W/O LK EXECUTIVE DESK ENSEMBLE	n AL WAREHOUSE Description Type HON 2 DRAWER LETTER FLE W/O LK IR EXECUTIVE DESK ENSEMBLE BB	n IAL WAREHOUSE Description Type Date Location T HON 2 DRAWER LETTER FLE W/O LK IR 04/24/2016 EXECUTIVE DESK ENSEMBLE BB 04/24/2016	n ABC AL WAREHOUSE Description Type Date Reference No Location Type HON 2 DRAWER LETTER FLE W/O LK IR 04/24/2016 00000013 EXECUTIVE DESK ENSEMBLE BB 04/24/2016 BEGINTRANS

Utilities Menu

Auto Generate Bin Locations

The Auto Generate Bin Locations utility can be used to generate multiple bin locations at one time or to delete multiple bin locations. Segments must be defined in Segment Code Maintenance prior to running this task. **Note:** If the "Copy From" Bin Location has a description which contains the Bin Location Number, any bin locations created from this bin location will have a new description generated with the new bin location number.

Segment From/To: Select the range of segments which will be used to create/delete the bin locations.

Copy from Bin: This field is required when generating new bin locations. All bin locations generated using this utility will use the "Copy from Bin" as a default for the bin location settings.

Action: Select from Create or Delete to either create a range of bin locations or delete a range of bin locations.

Warehouse Code Copy from Bin	000 Q CENTRAL A-000-00		Action C	eate 🗸
	Segment	From	То	
	Aisle	0	Z	
	Rack	000	ZZZ	
	Bin	00	ZZ	
			Proceed	Cancel

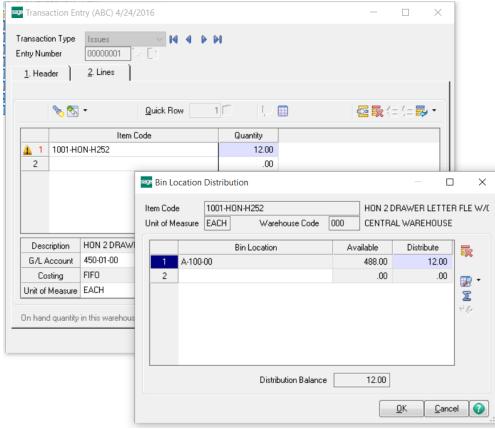
Section F: Inventory Management

Transaction Entry

Inventory Management Transaction Entry has been modified to allow for Bin Location distribution. When entering inventory transactions for items in which the item and warehouse have been enabled for multi-bin distributions, the Bin Location Distribution screen will appear. For transactions which require a lot/serial number, the user will be required to select a lot/serial number as well as the bin location. Item transactions (such as inventory adjustments) for FIFO/LIFO items will require the inventory tier in addition to the bin location.

Bin locations may be maintained for a line by selecting the Bin Location Distribution icon above the data entry grid.

With Multi-Bin Inventory Management, users now also have the ability to enter inventory transfers where the "From" warehouse and "To" warehouse are the same.



Physical Count Worksheet

The Physical Count Worksheet has been modified to include additional options for Multi-Bin Inventory Management. A dropdown option has been added to this task to allow for selection of "All Items", "Multi-Bin Items Only" or "Single-Bin Items Only". Additional selection parameters have also been added to the "Selections" grid to print the worksheet for "MB Bin Location" and/or "MB Bin Location Type".

Physical Coun	t Worksheet ((ABC) 4/24/201	16				_		×
leport Setting	STANDAR	D	9					Save	• •
escription	Physical Co	unt Worksheet							
Setting Options									
Туре	Public	 ∨ Prir 	nt Rep	ort Settings		Nur	mber of Copie	es	10
Default Report		Th	ree Ho	le Punch		Col	ated		_ +
Sort Report By	Item Code	\sim				Double Sp	ace 🗹		
Options Report Options	District	heet and Freeze				Drint Occard	tity on Hand		
neport uptions	Print Works	neet and Freeze	e items	· · ·		Frinciquan	ity on Hand		
Product Types to All Types 🔽		Goods 🖂	B	aw Materials 🔽] Di	scontinued		Kits	\checkmark
					-				
Procurement Typ All Types 🗹		🗹 Buy		Subco	ontract 🔽]			
Procurement Typ	Make	_ ,		Subco	- ontract ⊡ Multi-B		ems		~
Procurement Typ All Types 🗹 Physical Count E	Make	_ ,		Subco			ems		~
Procurement Typ All Types Physical Count E Default Quantity	Make	_ ,		Subco			ems		~
Procurement Typ All Types Physical Count E Default Quantity Selections	Make	antity on Hand					ems		~
Procurement Typ All Types Physical Count E Default Quantity Selections Select Field	Make	antity on Hand					ems		~
Procurement Typ All Types Physical Count E Default Quantity Selections Select Field Item Code	Make Entry Counted to Qu	antity on Hand Operand All					ems		~
Procurement Typ All Types Physical Count E Default Quantity Selections Select Field Item Code Bin Location	Make Entry Counted to Qu	Operand All					ems		~
Procurement Typ All Types Physical Count E Default Quantity Select Field Item Code Bin Location Item Description	Make Entry Counted to Qu	Operand All All					ems		~
Procurement Type All Types Physical Count E Default Quantity Select field Item Code Bin Location Item Description Warehouse	Make Entry Counted to Qu	Operand All All All All	✓ - - - - -				ems		~
Procurement Typ All Types Physical Count E Default Quantity i Select Field Item Code Bin Location Item Description Warehouse Inventory Cycle	Make Entry Counted to Qu	Operand All All All All All All					ems		~

Physical Count Entry

Physical Count Entry has been modified to include bin distribution for items in which multibin has been enabled. To add a new bin location entry in Physical Count for a frozen inventory item, select the "Add New Bin Location" button above the data entry grid.

Phy	sical	Count E	ntry (MBD)	4/11/2	2016			_		×
/arehou escriptio 1. Hea	on CE	0 🥢 🚺 🖣 ENTRAL WAREH 2. Lines	IOUSE				Add I	New Bin	Locati	on
-		1								
			Quick Row	1 🛃			👗 🖽 🖊			₽.
		Item Code	Bin Loca	tion	Lot/Serial	Quantity On Hand	Quantity Counted			^
1	1001-H0	DN-H252	A-000-00			50.00	50.00 📓			
2	1001-H0)N-H252	E-300-10			2,574.00	2,574.00			
3	1001-H0	DN-H252	F-300-09			100.00	100.00			
4	1001-H0	DN-H252LK	E-300-20			73.00	73.00			
5	1001-H0	DN-H252LK	E-300-20		30	73.00	1.00			
6	1001-H0	DN-H254	E-300-30							
7	1001-H0	DN-H254LK	E-300-40	∣ ^{sage} A	dd New	Bin Loca	tion / Lot	Nu	?	×
Desi	cription	HON 2 DRAWE	R LETTER FLE W/O	_						
Unit of	Measure	EACH		<u>ь</u>	em Code	2480-8-50				
Invent	ory Cycle	В								
Produ	uct Line	WF&A		B	in Location	A-100-10				9
	· T	Civilland Counds		- L	ot Number	100				
				. Q	uantity Counted	50	.00 🗐			
										ancel 🛛 🕜

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Count Card Entry

The Inventory Management Count Card Entry has been modified to allow the selection of a Multi-Bin Location. The Multi-Bin Location is required if Multi-Bin is enabled for this item.

The Count Card Variance Register has also been modified to include additional selection parameters for Multi-Bin Items.

		<u>Q</u> uick Row 2 🛃			2= - 2	= 1 = 🖘 🔹
	Warehouse	Item Code	Multi Bin Location	Lot/Serial No.	Quantity Counted	
1	000	1001-H0N-H252	A-000-00		10.00	
2	000 🔍				.00	
	cription		^			
ount Ca	cription rd Comme ed for Cour Stan	dard				
ount Cai /M Use	rd Comme	dard	~			

Product Types All Types 🗹 🛛 Finis	hed Goods 🛛 🗹		Raw Materials 🛛	Di	scontinued	Kits	\checkmark
Procurement Types							
	e 🗹 🛛 Buy	E	Subcontract	\checkmark			
Selections							
	0		Q.1				
Select Field	Operand	_	Value				
Item Code	All	•					
Bin Location	All	•					
Item Description	All	•					
Warehouse	All	•					
Inventory Cycle	All	•					
Product Line	All	•					
MB Bin Location	Al	-					

Section G: Purchase Order

Receipt of Goods Entry, Return of Goods Entry and Material Requisition Issue Entry

Receipt of Goods Entry, Return of Goods Entry and Material Requisition Entry have been modified to allow for Bin Location Distribution. The Bin Location distribution can be manually entered in each of these tasks or automatically with Multi-Bin Advanced is installed. (For more information see <u>Multi-Bin</u> <u>Advanced Features</u>.) Select the Bin Distribution button above the data entry grid to enter in bin allocations. The bin location is required if multi-bin has been enabled for the item.

📽 Rec	ceipt	of Goods	Entry (M	BD) 4/	/11/	2016		_		×		
Receipt N <u>1</u> . Hea	Number [[ader]	001013	14 4 0 0 <u>3</u> . Lines	1 🛄 <u>4</u> . Totals	1				De <u>f</u> aults	⊻endor ≅		
	ं े 🐯	•	Quick Row	1 🔁		₽ 🖽			Z le	2≅ ≯ •		
<u>A</u> 1		tem Code DN-H252	Ordered 1.00	Receive	ed 1.00	Unit Cos 31.	t 113	Extension 31.11		Comm		
2 3	/C		.00 .00		sage [Sin Loo	atio	on Distril	oution		- 0	×
						Code of Measure		-HON-H252 H Ware Bin Location	house Code		ITRAL WAREH	
< Desc	cription	HON 2 DRAWE	R LETTER FLE V	//0 LK		1 A-200)-70					1.00
	ehouse Measure	000 EACH				_						.00
	Ordered	1 (Orig Order 1 B	eceived to Date:0	.00.								11 - 14 - 14 - 14 - 14 - 14 - 14 - 14 -
	y 10001700	a (ong order, r, r)		, 1114010000 (
								Distrit	oution Balance	: 1.1		<u>C</u> ancel

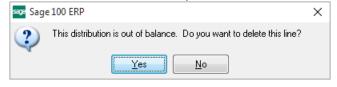
Section H: Sales Order

Sales Order Entry

Sales Order Entry has been modified to allow for Bin Location Distribution of items. **Note:** This option is only available if "Allow Bin Distribution in Sales Order Entry" has been enabled in Multi-Bin Inventory Management Options <u>and</u> "Allow Lot/Serial Distribution" has been enabled in Sales Order Options. Allocations can be made either manually (by selecting the Bin Location Distribution button above the lines grid) or automatically when Multi-Bin Advanced is installed. For more information see <u>Multi-Bin Advanced Features</u>.

Sale:	s Order Entr					_		×	
Order Numb	er 0000178	11 into 14 🔺 🕨			Copy <u>f</u> i		Customer	edit	
<u>1</u> . Heade	r <u>2</u> . Address	<u>3</u> . Lines	<u>4</u> . To	tals <u>5</u> . Cred	t Card User	DSD			
9	> H H - 😒 -	Quick Row	1	🔤 Bin Lo	cation [Distribution			×
	Item Code	Ordered B	Back	Item Code	1001-HON-I	1252		DRAWER LETTE	R FLE W/C
1 1	001-HON-H252	1.00	Duck	Unit of Measure	EACH	Warehouse Code	000 CENTR	AL WAREHOUSE	
2 2	480-8-50	12.00			Bin	Location	Available	Distribute	
3 2	480-8-50	1.00		1 F-300)-09		99.00	1.00	-
4		.00		2		9	.00	.00	🗊 -
< Descrip	otion HON 2 DRAWI	ER LETTER FLE W	70 L						1997 - 19
Wareho Unit Of M						Distribution Balance	.00		
Shipp			.(<u>D</u> K <u>C</u> ano	el 🕜 .:
(Average (Cost = 34.250) Profit	Margin % = 59				Total Amount	509	3.00	
Print <u>O</u> rder	Print Pic <u>k</u> 🥐 Re	ecalc Price				<u>A</u> ccept <u>C</u> ancel	<u>D</u> elete		

If Bin Distributions are enabled in Sales Order Entry the bin distribution window will automatically display each time a Sales Order is entered. If an incomplete distribution is made a message will appear.



This message box may be bypassed and the automatic display of the bin distribution window may also be disabled by enabling the option in Multi-Bin options. For more information see <u>Multi-Bin Options</u>.

Invoice Data Entry and Shipping Data Entry

Sales Order Invoice Data Entry and Shipping Data Entry has been modified to allow for Bin Location Distribution of items. Allocations can be made either manually (by selecting the Bin Location Distribution button above the lines grid) or automatically or automatically when Multi-Bin Advanced is installed. For more information, see <u>Multi-Bin Advanced Features</u>.

If the multi-bin bin location was previously allocated on the Sales Order either during Sales Order Entry or Picking Sheet Printing, those allocations will carry through to the S/O Invoice. For more information on auto-allocation settings see <u>Warehouse Bin Maintenance</u>.

S/O Invo		a Entry (M		/2016	D			X			
	<u>2</u> . Address	<u>3</u> . Lines		5. Credit Card	📟 Bin Loo	ation	Distribu	tion			×
% H	H • 🐼 •	Quick Row	1	₽ 🖽	Item Code Unit of Measure	1001-HON EACH	-H252 Warehous	e Code 🛛 🕻		RAWER LETTE	R FLE W/C
	em Code	Ordered	Shipped	Unit Price		Bi	n Location		Available	Distribute	-
	DN-H252	12.00	12.00	78.12	1 A-000				38.00	12.00	- ₩
2	٩	.00	.00	.00	2				.00	.00	P -
<					<					>	$\eta^{\frac{1}{2}} f_{j}^{\frac{1}{2}} r$
Description	HON 2 DRAWE	ER LETTER FLE V	//O LK 🔥				Distribution	n Balance	12.00		
Warehouse	000									Y	
Unit Of Measure	EACH									<u>0</u> K <u>C</u> anc	el 🕜
Back Ordered	1		.00	L							
					Т	otal Amount		937.44			
Quic <u>k</u> Print 🥂					Accept	<u>C</u> ancel	<u>D</u> elete	80].		

Note: The "Do you wish to ship the complete sales order?" message that is displayed during Shipping/Invoice Entry will function differently depending on the settings defined in Multi-Bin Options. For more information, see <u>Multi-Bin Options</u>.

Section I: Return Merchandise Authorization

RMA Receipts Entry

RMA Receipts Entry has been modified to allow for Bin Location Distribution of items. Allocations can be made either manually (by selecting the Bin Location Distribution button above the lines grid) or automatically based on the allocation settings when Multi-Bin Advanced is installed. For more information, see <u>Multi-Bin Advanced Features</u>.

≈9° RN	1A Re	ceij	ots Entry	(MBE) 4/	/11/2	016		_			×	-	
				×	****				De <u>f</u> aults	Cus <u>t</u> omer	(Credit		
<u>1</u> . He	ader	<u>2</u> . Ad	dress <u>3</u> .1	Lines L	sage 🛛	Sin Lo	ocatio	n Di	stribut	ion				×
	i 🗆 H	5	No 10 🐼 🕈	<u>Q</u> uick F	ltem	Code	6657-2	24-20-12	2			SOUND	CVR 24.5"W 20"	'D 12''H LG
	Invoic	e No.	Item Co	de	Unit	of Measu	re EACH]	Warehouse	Code [)01	EAST W	AREHOUSE	
1	010003	-	6657-24-20-12	_				Bin Lo	ocation		Ava	ilable	Distribute	
2	010003		2481-5-50 2551-3-50	-		1 A-0	00-00					.00	2.00	
4	010003	-	8972	-		2				٩		.00	.00	😨 👻
5				_										N.
<														
De	scription	SOU	ND CVR 24.5"W	20''D 12'										
Vend	lor Action	None	,						Distribution	Balance		.00		L
Ver	ndor No.								Distribution	Dalarice		.00		
	Invoice			_									<u>0</u> K <u>C</u> ano	el 🕜
					-		_							
								Accept	<u>C</u> ancel	<u>D</u> ele	ete 🕻	₿⊘		

Section J: Bill of Materials

Production and Disassembly Entry

Bill of Materials Production Entry and Disassembly Entry have been modified to allow for Bin Location Distribution and Lot Serial/Distribution on both the Parent and Component Items. Parent Allocations can be made either manually (by selecting the Distribute button on the Header) or automatically based on the allocation settings based on the allocation settings when Multi-Bin Advanced is installed. For more information, see <u>Multi-Bin Advanced Features</u>.

Also added is the ability to assign multiple unique Lot/Serial Numbers at the Parent level. Standard Sage 100 only allows for one Lot Number or one starting Serial Number(range) for each Production or Disassembly Entry Parent Item. Distribution of Lot/Serial Numbers as well as bins is also available for component items as well.

Production Date 7/22/2016			Distribute		
Bill Number 2480-8-50	🔍 🗒 EX	ECUTIVE DESK ENSEMBLE			
Bill Type Standard	🚟 Lot/Serial Number / Bin Locat	ion Distribution		— C) ×
	Item Code 2480-8-50	DI	ESK FILE 8'' CAP 50		
	Unit of Measure W	arehouse Code 000 Cl	ENTRAL WAREHOU	SE	
Quantity 10.00	Bin Location	Lot Number	Available	Distribute]
Jnit of Measure Effective Date 7/22/2016	1 A-000-00	123456	.00	1.00	
Effective Date 7/22/2016	2 A-000-20	1234578	.00	1.00	_
	3 A-000-60	111	.00	8.00	
Parent Warehouse 000 🔍	4	9	.00	.00	- 😨
Component Warehouse 000 Explode Sub-Assemblies	Distribution Order Bin Location Fi	rst 🗸 Default to Prior Row	Distribution	Balance	v ² €e

DSD / Scai	nForce Mu	ulti-Bin Ad	dvanced
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Section K: Production Management

Work Ticket Transaction Entry – Material Issue

Work Ticket Transaction Entry for Material Issues has been enhanced to allow Bin Location Distribution and Lot Serial/Distribution for Component Items. Allocations can be either made <u>manually</u> (by selecting the Lot/Serial/Bin Distribution button) or <u>automatically</u> based on the allocation settings in Warehouse Bin Maintenance.

If Auto-Allocations are enabled, these allocations will also occur for auto-generated backflush and auto-issued material issues.

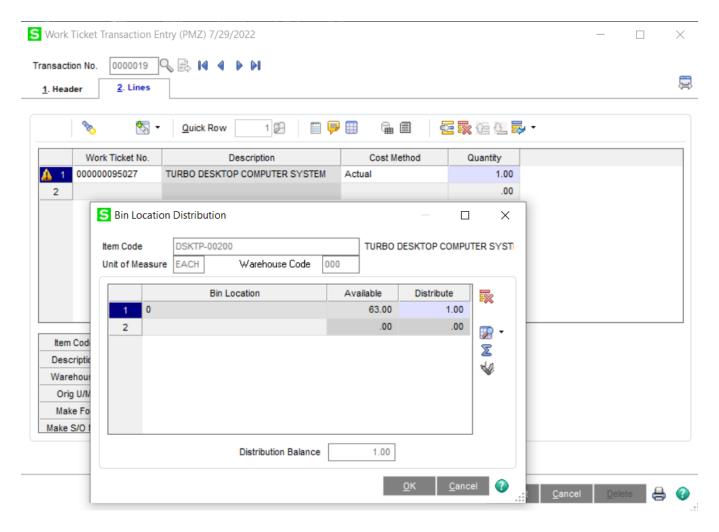
			P		: E E -
	ltem Code	Step No.	Required	Issued	Comment
4	VGABW-04692	000090	.00	.00	
5	VGAII-42964	000020	.00	.00	
6	KEYBD-00102	000090	.00	.00	
7	/C	000000	.00	.00	DEFECTIVE PARTS TO SALLY IN ENGINEERING
8 9	/C BOARD-004230-33	000000	.00	.00 1.00	REWORK AND ADDITIONAL BURN-IN.
	n Code BOARD-004230-33 t of Measure EACH Bin Location	stribution 804	486DX4 MOTHERBO Ware Available	r	
	EACH Bin Location	804	Ware	ehouse Code [000 MAIN WAREHOUSE
	EACH Bin Location	804 Serial Number	Ware	ehouse Code [Distribute	000 MAIN WAREHOUSE
	t of Measure EACH Bin Location	804 Serial Number	Ware Available .00	ehouse Code [Distribute 1.00	000 MAIN WAREHOUSE
	t of Measure EACH Bin Location	804 Serial Number	Ware Available .00	ehouse Code [Distribute 1.00	000 MAIN WAREHOUSE
	t of Measure EACH Bin Location	804 Serial Number	Ware Available .00	ehouse Code [Distribute 1.00	000 MAIN WAREHOUSE

45

Work Ticket Transaction Entry – Completion

Work Ticket Transaction Entry for Completions has been enhanced to allow Bin Location Distribution and Lot Serial/Distribution for Completion (Parent) Items. Allocations can be made either <u>manually</u> (by selecting the Distribute button) or <u>automatically</u> based on the allocation settings in Warehouse Bin Maintenance.

Note: Standard Sage 100 only allows for completions to one Lot Number or one starting Serial Number. MBAD has enhanced the Completion distribution so that items can be completed to multiple Lot/Serial Number and Bins.



Work Ticket Entry – Dynamic Inventory

Work Ticket Entry has been enhanced to allow Bin Location Distribution and Lot Serial/Distribution for Component Items when Dynamic Materials has been Enabled in Production Management Options. Allocations are done manually by selecting the Lot/Serial/Bin Distribution button.

	ket No.	000000950	10 🔍 🗟 🔣 🚺	_ 4 • • • E	1			00pJ []	om De <u>f</u> aults	···· ~•	
. Head	der	2. Steps	<u>3</u> . Materials	4. Inquiry	5. Schedule	<u>6</u> . Totals	User dsd				
	8	5 -	Quick Row	4 🛃	P	1 1	\$	Se 🛼 (5 (5 5 •		
		tem Code	Step No.	Required	Issued	(Comment				-
4	MEMR	(-00080	000010	32.00	32.00						
5	VGAI-	42964	000020	16.00	.00						
6	DDCAE	3-01002	000040	16.00	.00						_
		MEMRY-000 EACH			-	Varehouse Code	000	MAIN WARE	HOUSE		×
	ode Measure	MEMRY-000	080 on	Lot Number	V Available	Varehouse Code		MAIN WARE	HOUSE		
Unit of	ode Measure 0	MEMRY-000 EACH	on 0501	Lot Number	Available 441.0	Varehouse Code Distribute 0 32.0	0	MAIN WARE	HOUSE		
Jnit of	ode Measure 0	MEMRY-000 EACH	080 on	Lot Number	V Available	Varehouse Code Distribute 0 32.0	0	MAIN WARE	HOUSE		
Init of	ode Measure 0	MEMRY-000 EACH	on 0501	Lot Number	Available 441.0	Varehouse Code Distribute 0 32.0	0	MAIN WARE	HOUSE		
Unit of	ode Measure 0	MEMRY-000 EACH	on 0501	Lot Number	Available 441.0	Varehouse Code Distribute 0 32.0	0	MAIN WARE	HOUSE		
1	ode Measure 0	MEMRY-000 EACH	on 0501	Lot Number	Available 441.0	Varehouse Code Distribute 0 32.0	0	MAIN WARE	HOUSE		
Unit of	ode Measure 0	MEMRY-000 EACH	on 0501	Lot Number	Available 441.0	Varehouse Code Distribute 0 32.0	0	MAIN WARE	HOUSE		

Section L: Visual Integrator & Custom Reporting

The following section contains information on the Multi-Bin Tables commonly used for importing through visual integrator as well as tables commonly used with custom reporting.

• Bin Locations

- Table: MB_BinLocation
- o Required Fields: WarehouseCode,BinLocation
- Note: Minimum/Maximum Bin Quantities are available in this table. These min/max fields are for the entire bin regardless of the item. If there are specific min/max values that are determined by both item and bin location, MB_BinItemMinMax should be used.

• Physical Counts

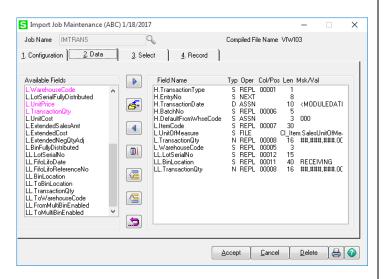
- Table: IM_Physical
- Required Fields: WarehouseCode,ItemCode
- The BinLocation field is also required if Multi-bin is enabled for that item.
- o Note: You must Freeze the inventory before importing into Physical Count Entry

• Item Min/Max by Bin Location

- Table:MB_BinItemMinMax
- Required Fields: WarehouseCode,BinLocation,ItemCode
- Note: This table is for specific min/max values by item and bin. If the Min/Max is determined by only the bin location, MB_BinLocation should be used.

Inventory Transactions

- Table: IM_TransactionHeader
- Select the IM_TransactionHeader table to import Inventory Transactions
- When the Job is created for IM_TransactionHeader, Multi-Bin information is imported into the "LL" fields.



• Sales Order Invoices

- Table: SO_InvoiceHeader
- Select the SO_InvoiceHeader table to import invoices.
- When the Job is created for SO_InvoiceHeader, Multi-Bin information is imported into the "LL" fields.

Job Name SO INVOICE 2	9	Compiled File Name VIW107
Configuration 2. Data	3. Select 4. Record Field Name H.InvoiceNo H.SalesOrderNo H.SalesOrderNo H.SalesOrderNo H.CustomerNo LitemCode LUrinD(Measure LWarehouseCode LQuanityOhiped LL BinLocation LL BinLocation LL BinLocation	Typ Oper Col/Pos Len Msk/Val S NEXT 7 S REPL 00002 7 D REPL 00003 10 M/D/Y S REPL 00010 2 00 S REPL 00011 20 S S REPL 00014 30 S OII S SEN 3 001 N REPL 00005 16 ####################################
PY.CarlType PY.Last4UnencryptedCreditCar PY.BankName PY.ExpirationDateYear PY.ExpirationDateMonth		Accept Cancel Delete



- Table: PO_ReceiptHeader
- Select the PO_ReceiptHeader table to import Receipt of Goods entries.
- When the Job is created for PO_ReceiptHeader, Multi-Bin information is imported into the "LL" fields.

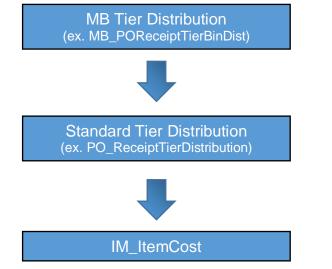
S Import Job Maintenance (AB	C) 1/18/2017					-		×	
Job Name PO RECEIPT	9	9			Compiled File Name VIW104				
1. Configuration 2. Data Available Fields L. TaxClass L. Comment Text L. Asset Account	H.Re H.Re	4. Record	Typ Oper S ASSN S NEXT D REPL		Len 1 6 10	Msk/Val G M/D/Y			
L AssetTemplate L WeightReference L Weight L OriginalQtyOrdered L BalanceQtyBackordered L OriginalQtderQty L QuantityReceived	H.Pu L.Ord L.Iter L.Wa L.Qu	richaseOrderNo derLineKey mCode arehouseCode antityReceived otSerialNo inLocation	S REPL S REPL	00006	7 6 30 3 16 15 40	000000	¢,###.OC		
L.QuantityInvoiced L.QuantityBackordered L.UnitCost L.ExtensionAmt L.BinFulyDistributed LLLotSretalNo LL.But_costion LL.QuantityBeceived Y		uantityReceived			16	##,###	\$,###.OC		
		ſ	Accept	<u>C</u> ancel	Υ	<u>D</u> elete	e	0	

Tables Commonly Used in Reporting

- For reporting Multi-Bin On-Hand & Allocated Quantity information • Table: MB_BinItem
- For reporting Multi-Bin Transaction History Information
 - Tables: MB_BinTransactionHistory, MB_LotSerialTransactionHistory

Section M: Custom Office & Customizer

User Defined Fields (UDF's) can be added to the system to further customize use of the DSD / ScanForce Multi-Bin Module. In Standard Sage 100, when you a lot/serial UDF, the field would be added to the data entry Tier Distribution table (ex: PO ReceiptTierDistribution) then map the UDF to the IM ItemCost file. With Multi-Bin installed, there is an added step. Fields must first be added to the Multi-Bin Tier Distribution table, then to the standard tier distribution table, then to the IM ItemCost file.



_

For example, if adding a lot/serial exp date, you would first add a UDF to MB POReceiptTierBinDist as a 'Manu date field with no data sources. Next,

would need to be added to the PO ReceiptTierDistribution table. When adding the field to the PO ReceiptTierDistribution table, you will first select to add the field as a manual entry, then select 'Date Field' on the Attributes tab. On the Data Sources tab, you must select the 'Copy From Bin Distribution' Business Object, select the Multi-Bin Tier Distribution Data Source, then select the appropriate field.

piration		(HelDi	stribution : Add Field					×
ual' entry	<u>F</u> ield Name Description		UDF_EXPIRE_DATE					
t, the field	Source for UDF Source	Data	<u>Manual Entry</u> Business Object					
PO Receipt Tier Distribution :	Add Field						-	
ield Name UDF_EXPIRE_	DATE				Field in Use	No	•	
Description Expire Date					Bytes Used	10	9 of 20,000	
Control Type		<u>3</u> . Data S	Sources		Name Space Used Bytes Used is the si the table. Name Sp lengths	um of the ace Used	lengths of all co	
Business Object		Select	Data Source	Column		Ignore	Expression	1
PO_ReceiptTierDistribution_I PO_ReceiptTierDistribution_		×	MB_POReceiptTierBinDist	UDF_EXPIR				

S IM Item Cost : Add Field When adding the field to the IM ItemCost table the process will Field Name UDF_EXPIRE_DATE Field in Use. Bytes Used..... Description Expire Date be the same, however the Control Type Multi-Line me Space Used...... O Drop-Box Business Object will be the Bytes Used is the sum of the lengths of all columns in List-Box the table. Name Space Used is bytes O Check-Box ΜA lengths of all column names. PO ReceiptRegister upd and the 1. Attributes 2. Validation 3. Data Sources Data Source will be the PO ReceiptTierBinDistribution. Select Data Source Business Object Ignore Expression DM Colu IM ItemCost bus IM TransactionRegister upd PO_ReceiptRegister_upd PO_ReceiptTierDistribution This process can be followed for × BM_ProductionRegister_upd BM_DisassemblyRegister_upd any Data Entry Tasks in which the SO SalesJournal upd IM_PhysicalCountVarRegister_upd UDF is needed. S Customizer Selection (ABC) 2/14/2017 × To select a panel, double-click the module, task and panel. To edit a customized panel, select the Customized Panels folder and double-click the appropriate module, task and panel. To search for a panel, click Search. Common Information Business Insights È: Fixed Assets When adding the fields panels in Customizer Selection, ,O General Ledger you will select the Multi-Bin 'Lot/Serial Number / Bin Ö Inventory Management eBusiness Manager 4 Location Distribution' from Common Entry under the 🔲 Job Cost DSD / ScanForce Multi-Bin Advanced DSD / ScanForce Multi-Bin folder. 🕀 🛄 Bin History Inquiry S Customize: MB_COMMONENTRY.M4L - DTIERBINDIST [Lot/Serial Number / Bin Location Distrib... 🛞 🧾 Bin Location Maintenance 😑 📴 Common Entry Item Code E DBINDIST [Bin Location Distribution] Unit of Measure Warehouse Code E DDISTSELECT [Select Serial Numbers] 🔠 DTIERBIND 🕕 🛄 Item Bin Maintenance Item Bin Maintenance >>> MB_PRODUCTLINEBIN.M4L 🕀 🥅 Item Maintenance 1 Location Type Maintenance Multiple Business Objects 🛞 🛄 Multi-Bin Inventory Management 🗉 🧾 Physical Count Entry This grid supports multiple business objects. Select the 📅 🥅 Dicking Sheet Drinting business object from which you want to add fields to the grid. <u>C</u>lose 冒 Business Object Distribution Order In the panel, right-click the grid, then

Auto Increment

GD_GRID - Group (3, 4.75) [71 x 12.5]

select the appropriate business object. You can then add the desired UDF to the grid and save.

51

No

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<u>O</u>K <u>C</u>ancel (?)

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(?)

(2)

Cancel

ΟK

Section N: Uninstall DSD Enhancements

A DSD Enhancements Uninstall Utility has been provided for the purposes of removing DSD Enhancements from your Sage 100 System. This utility may be accessed from the **DSD Enhancement Control Panel** menu option on the **Library Master / Utilities** menu.

DSD Enhancement Control Pan								
Enhancement Product	Ver	Code	Ext	Status	Build	Date	MP Expire Date	,
MBIM Multi-Bin	5.10	MBIM	MBI	No unlocking	req 12/2	7/2016		
Selected: MBIM Multi-Bin								
Selected: MBIM Multi-Bin								
Selected: MBIM Multi-Bin View Manual					www.ds	dinc.com		
View Manual	ck All Products							
View Manual Check Web for Updates	ck All Products				www.ds Product \			
View Manual Check Web for Updates	ck All Products onvert Data		Multi-C	Convert Data			E <u>x</u> it	

When accessing the **DSD Enhancement Control Panel**, select the enhancement that you wish to Uninstall, and then select the **Uninstall Enhancement** button. The following message box will appear:

	sage Sag	e 100 ERP	×
	?	Selected Enhancement: MBIM Multi-Bin	
	~	Uninstall Selected Enhancement?	
		IMPORTANT: Make sure everyone is out of MAS 90 before proceeding.	
		Yes No	
Select No to exit the	e Unins	tall Process.	
User's Manual		Copyright © 1993-2024 DSD	BUSIN

Select Yes to continue with the Uninstall Process.

The following message box will appear, to remind you that a complete backup of your entire Sage 100 system should be completed prior to uninstalling a DSD product.

sege Sag	e 100 ERP	\times
	WARNING	
$\mathbf{\bullet}$	This utility will make major changes to your Sage 100 ERP system	
	Please make sure you have a current backup of the entire MAS90 folder before continuing.	
	Do you want to continue?	
	Yes No	

Select **No** to exit the Uninstall Process. Select **Yes** to continue with the Uninstall Process.

After the Uninstall of the DSD Enhancement, you MUST reinstall certain standard Sage 100 modules, followed by reinstallation of Sage 100 Product Updates, if applicable.

A message box will display which of those specific Sage 100 modules you must reinstall afterwards.

Select **No** to exit the Uninstall Process. Select **Yes** to continue with the Uninstall Process.

The following message box will appear, displaying the final warning message.

sege Sag	e 100 ERP	\times
\bigotimes	Data files in ALL companies will have information REMOVED and restored to standard Sage 100 ERP data files.	
	The Standard Sage 100 ERP Application programs for M/B will be disabled and must be reinstalled from your Sage 100 ERP Distribution Disk.	
	Be sure you have a current backup of the entire MAS90 folder before continuing.	
	Do you want to continue?	
	Yes No	

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Select No to exit the Uninstall Process.

Select **Yes** to continue with the Uninstall Process. At this point, the DSD Enhancement will be removed from the Sage 100 system.

After completion of the Uninstall, the following message box will appear. Select OK to continue.

see Sage	e 100 ERP	×
⚠	Enhancement uninstall complete.	
	<u>OK</u>	

Now that the Uninstall process is completed, you must:

- Reinstall the applicable standard Sage 100 modules
- Reinstall the latest Sage 100 Product Updates, if applicable.
- Reinstall any other DSD Enhancements or Developer products that are affected from the reinstallation of the standard Sage 100 module(s).

Appendix I: Multi-Bin Advanced Features

Multi-Bin Inventory Management Options

Multi-Bin Advanced adds several enhancements to the Multi-Bin Inventory Management Options.

S Multi-Bin Inv	entory Manager	nent Opt	ions (ABC	C) 6/28/20	20			-		×
<u>1</u> . Main	2. Entry	<u>3</u> . Pri	nting							
Item Bin Mainten Default View Distribution						Sales Order Distribution Disable Bin Distribution Bypass Prompt to Delet		ion is Inco	mplete	2
Lot/Serial Dist	(Decembra in the second se		Bin Locati	on First	•	Invoice / Shipping Distribution	ution			
Auto-Allocatio	on Option	Auto	-Allocate		-	Ship Allocated Quantity	r		Yes	-
Default to Prio Allow Negativ	r Value e Bin Quantities (1	lon-Lot/Se	erial)		•	Only Auto-Ship from En Auto-Increment Bin/Lot		pes		>
Default Repler		-	Re	00000029 stock	•	Min/Max Quantity Min/Max Usage	Replenishn	nent and I	Data Entry	•
	vay From Selectio ck To Selection	n F	To Bin Lo		•	S/O Auto Allocate in Increm	ents of Sales U/M			
Default Put Av	vay Report Sort	Sort	by Bin Lo	cation	•					
							Accep	t <u>C</u> a	ncel 🚑	9

Distribution

Auto-Allocation Option: Select the default option for auto-allocation. You can select from "Auto-Allocate", "Do not Auto-Allocate", "Prompt to Auto-Allocate", and "Button Selection". Setting this option sets the default method. This can be manually changed at the warehouse level in Warehouse Bin Maintenance. (For more information see Warehouse Bin Maintenance)

Replenishment

Next Automatic Replenishment Entry Number: This sequence number is used each time a Replenishment Entry is created in either Replenishment Entry or from Replenishment Selection. This number may be overridden or can be changed during the entry or selection processes.

Default Replenishment Type: Select the default Replenishment Type to be used during the Replenishment Selection process. Available options include "Put Away", "Restock" or "Overstock". This is the default and can be changed during Replenishment Selection.

Default Put Away From Selection: Select the default "Replenishment From" selection to be used during Put Away Replenishment Selection. Available options include "From Bin Location" or "From Location Type". This option may be changed during the Replenishment Selection process.

Default Restock To Selection: Select the default "Replenishment To" selection to be used during Restock Replenishment Selection. Available options include "To Bin Location" or "To Location Type". This option may be changed during the Replenishment Selection process.

Default Put Away Report Sort: Select the default report sort option for the Multi-Bin Put Away Report. Available options include "Sort by Bin Location" or "Sort by Alternate Sort". This option may be changed during Put Away report printing.

Min/Max Quantity

Min/Max Usage: Select 'Replenishment and Data Entry' to use the Min/Max quantity feature in BOTH Replenishment Entry/Selection and normal data entries, or select 'Replenishment Only' to only use the Min/Max quantity feature in Replenishment Entry/Selection.

<u>s/o</u>

Auto-Allocate in Increments of Sales U/M: Select this checkbox to change the Auto-Allocation feature in Sales Order / Invoice Data Entry to auto-allocate in increments of the Sales U/M. Clear this checkbox to auto-allocate in increments on Standard U/M.

<u>1</u> . Main	2. Entry	3. Printing				
ecap				Picking Sheets		
P/O Receipts		Sort by Bin Location	-	Print Picking Sheets By	Bin / Item	•
P/O Returns		Sort by Bin Location	-	Allow Auto-Allocation During Pic	king Sheet Printing	
P/O Material Re	quisition	Sort by Bin Location	-	Enable PO ROG Update to print	SO Picking Sheets	Ľ
S/O Sales		Sort by Bin Location	•	Form Code to use from ROG		Q
/M Transaction		Sort by Bin Location	•	Populate 'Available' Fields		
RMA Generate	Transactions	Sort by Bin Location	•	Include Serial Numbers in 'Availa	able' Detail	
				Include Lot Numbers in 'Availabl	e' Detail	
			Allow Auto-Ship from Picking Sh	eet Printing	Ľ	
				Shipper ID		

Allow Auto-Allocation During Picking Sheet Printing: Enable this option to allow allocations to occurring automatically when picking sheets are printed. Bin Distribution in Sales Order Entry must be enabled in order to enable this option. (For more information see <u>Picking Sheet Printing</u>)

Enable PO ROG Update to print SO Picking Sheets: Select this checkbox to allow P/O Receipt of Goods Update to automatically print Sales Order Picking Sheets for items that are being received in the Receipt of Goods batch. If this feature is enabled, then select the Picking Sheet Form code in the **Form Code to use from ROG** field.

Allow Auto-Ship from Picking Sheet Printing: Select this checkbox to prompt the user to create Shipping Data entries for all Sales Orders that were selected/printed in the Picking Sheet Printing process. The quantities shipped will be the quantities that were auto-allocated.

Shipper ID: If you enabled the **Allow Auto-Ship from Picking Sheet Printing** feature, then enter the Shipper ID to be used when creating the Shipping Data Entry.

Allocations

The "Allocations" tab in Warehouse Bin Maintenance is used to define various allocation options and methods for each data entry task.

. Main						
	2. Allocations					
Data Er	ntry	Default Bin Location	Auto-Allocation	L/S Auto-Allocation	Option	Default to Prior
/ Receipts			Disabled	Disabled	Do not Auto-Allocate	
M Transfer Fro	om		Disabled	Disabled	Do not Auto-Allocate	
M Transfer To			Disabled	Disabled	Do not Auto-Allocate	
M Issues			Disabled	Disabled	Do not Auto-Allocate	
M Sales			Disabled	Disabled	Do not Auto-Allocate	
O Receipts			Disabled	Disabled	Do not Auto-Allocate	
PO Returns			Disabled	Disabled	Do not Auto-Allocate	
O Material Re	q		Disabled	Disabled	Do not Auto-Allocate	
SO Sales Orde	rs		Disabled	Disabled	Do not Auto-Allocate	
SO Invoices			Disabled	Disabled	Do not Auto-Allocate	
SO Credit Mem	io / RMA		Disabled	Disabled	Do not Auto-Allocate	
BM Production	Header		Disabled	Disabled	Do not Auto-Allocate	
3M Production	Lines		Disabled	Disabled	Do not Auto-Allocate	
3M Disassemb	ly Header		Disabled	Disabled	Do not Auto-Allocate	
3M Disassemb	ly Lines		Disabled	Disabled	Do not Auto-Allocate	
M Completion			Disabled	Disabled	Do not Auto-Allocate	
PM Material Iss	ue		Default Bin	Disabled	Do not Auto-Allocate	
Replenish / Put	Away		Disabled	Disabled	Do not Auto-Allocate	
Replenish / Res	stock		Disabled	Disabled	Do not Auto-Allocate	

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Default

User's Manual

Auto-Allocation: Select the auto-allocation option for the data entry task. Options available will vary based on whether the specified task is an "inbound" or an "outbound" transaction. For more information see "Auto Allocation Methods and Order of Allocations".

L/S Auto-Allocation: Select from "Disabled", "Receipt Date", "Lot/Serial Number", "Bin Location", "Oldest Inbound Date", "Last Inbound Date", or "Expiration Date". "Expiration Date" is only available if an Expiration Date User Defined field has been defined in Multi-Bin Options. This option is only available for outbound transactions.

Option: Select from "Do not Auto-Allocate", "Auto-Allocate", "Prompt to Auto-Allocate" or "Button Selection". "Auto-Allocate" will automatically allocate quantities to bins with no prompt to the user during data entry. "Prompt to Auto-Allocate" will present the user with a "Yes/No" message box "Do you wish to Auto-Allocate?" "Button Selection" presents the user with an "Auto-Allocate" button in the multi-bin distribution screen.

Default to Prior: Enable this option to default the bin location to the prior bin location chosen in the prior row. This option is only valid for lot/serial items.

Auto-Allocation Methods and Order of Allocations

Inbound Transactions

Last Bin

- 1. Last Bin Location
- 2. Default Overstock Bin Location
- 3. Default Bin Location

Current Bin

- 1. Current Bin Location
- 2. Default Overstock Bin Location
- 3. Default Bin Location

Overstock

- 1. Default Overstock Bin Location
- 2. Default Bin Location

Item Receiving Bin

- 1. Default Receiving Bin Location 1 5
- 2. Default Overstock Bin Location
- 3. Default Bin Location

Default Bin Location

1. Default Bin Location

Outbound Transactions

Item Picking Bin

- 1. Default Picking Bin Location 1-5
- 2. Default Overstock Bin Location
- 3. Default Bin Location

Bin Location Order

1. Allocations are based on either Alphabetical or Alternate Sort

Descending Quantity

1. Allocations are based on the bin with the highest quantity available first, then to the lowest in descending quantity.

Ascending Quantity

1. Allocations are based on the bin with the lowest quantity available first, then to the highest in ascending quantity.

Replenishment Selection

The Replenishment Selection Task in the Multi-Bin Module allows users to quickly and easily generate transactions to move items from one bin location or area to another. This can be used in order to move items from a receiving staging location and put the items away in their assigned locations, or to restock items from overstock, or to refill/restock another area such as a showroom to its assigned stocking level.

When performing the Replenishment Selection, you may create a new Replenishment Entry by selecting the Automatic Next Replenishment Number button, or choose an existing Replenishment Entry number from the lookup field.

After selecting the "Proceed" button, users can review entries generated in the Replenishment Entry screen or by printing the "Put Away Report". Replenishment entries generated from the Replenishment Selection process can also be changed/edited in the Replenishment Entry task. After entries are made quantities will show as allocated in the "ReplenishmentTo" and "ReplenishmentFrom" columns on the item or bin. Once entries have been reviewed they must be posted in Replenishment Register/Update.

There are three Replenishment Types to select from, "Put Away", "Restock" and "Overstock".

Put Away

With the "Put Away" Replenishment Type, users can move items from one bin location or bin location type to multiple "to" locations. "Put Away" Replenishment uses inbound allocation methods set in

Warehouse Bin Maintenance to determine how items will be filled. Maximums assigned on the Bin Location are checked as well as any bin location restrictions are also checked.

Replenishment Selection	on (ABC) 7/21/20	16				-		×
Replenishment Number Warehouse Code		NTRAL	WAREHOUSE	Replen	iishment Type	Put Away		~
From Selection	From Bin Locati	on	\sim					
From Bin Location	RECEIVING			۹,	Receiving Sta	ging Area		
Selections	-							
Select Field	Operand		Value					
To Bin Location	All	-						
To Location Type	All	-						
Item Code	All	•						
Product Line	All	•						
								×
						Proceed	<u>C</u> ancel	

Restock

With the "Restock" Replenishment Type, users can move items from many bins to one bin location or bin location type. "Restock" Replenishment uses outbound allocation methods set in Warehouse Bin Maintenance to determine how items will be relieved from inventory. The Restock Replenishment Type also requires that items and minimum/maximum levels are defined in Bin Location Maintenance on the Items tab. When a restock replenishment is run, each bin location is filled to its maximum. Restrictions set on bin locations are also checked during this process as well.

Replenishment Number	00000026 Q			F	ropionion	ment Type	Restock		~
Warehouse Code	000 🔍 CEN	TRAL	AREHOUS	E					
To Selection	To Location Type	э	\sim						
To Location Type	SHOWROOM		Q	Showroom I	_ocation				
Selections									
Select Field	Operand		Value						
From Bin Location	All	-							
From Location Type	All	-							
Item Code	All	-							
Product Line	All	-							
							Proceed	<u>C</u> ancel	Ĩ

Overstock

With the "Overstock" Replenishment Type, the system looks at each items "Overstock" bin location and moves any available quantities to fill the "Receiving" bin locations. Minimums, Maximums and any restrictions are also checked during this process.

👳 Replenishment Selection (A	BC) 7/21/2016			_		×
Replenishment Number 00 Warehouse Code 00 Selections	000024 🔍 🛃 0 🔍 CENTRAL	WAREHOUSE	Replenishment Type	Overstock		~
Select Field	Operand	Value				
Receiving Bin Location	All 🔹					
Receiving Location Type	All 🔹					
Overstock Bin Location	All 🔹					
Overstock Location Type	All 🔹					
Item Code	All 🔹					
Product Line	All 🔹					
				Proceed	<u>C</u> ancel	

	001-HON-H252 100 CEN <u>2</u> . Quantity	NTRAL WAREHOUSE		HON 2 DRAWER LETTER FLE	W/0 LK	
Disable Multi-Bin Default Receiving B Default Receiving B Default Receiving B Default Receiving B Default Receiving Bin Default Picking Bin Default Picking Bin	tin Location 2 tin Location 3 tin Location 4 tin Location 5 Location 1 Location 2	E-300-10		Q D ∢ ault Bin Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q		Items are moved from Overstock to Receiving locations
Default Picking Bin Default Picking Bin Default Overstock B	Location 5	OVERSTOCK		Q Q Q ↓		
Last Received Last Issued Last Sold Last Counted	Date 7/15/2016 7/15/2016	User DSD DSD	Quantity Bin Locatio 100.00 RECEIVIN 12.00 E-300-10 .00			

Replenishment Entry

Use the Replenishment Entry task to view entries generated during the Replenishment Selection process or to create new Manual Replenishments. You must select a warehouse code on the Header. Replenishment entries can only be performed within one warehouse code at a time. You cannot use Replenishment Entry to transfer items between warehouse codes.

Replenishment Entry (ABC) 7/21/2016 -	×	
Replenishment Number 00000029 1 1 4 > > 1 1. Header 2. Lines 2 1		You can optionally also assign a Default From Bin Location and a Default To Location to be
Replenishment Date 7/21/2016		used when manually entering lines. The values assigned here on the header may also be
Warehouse Code 000 CENTRAL WAREHOUSE Default From Bin Location Q		changed during Line entry.
Comment		
		The "Put Away Report" may be printed by selecting the "Put Away Report" in the lower left part of the Replenishment Entry screen. Select the printer icon to print the
Eutaway Report Gancel Delete	.	Replenishment Register.

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The Lines tab will display any entries generated during the Replenishment Selection process and include the Replenishment Type that was used at that time. Each line will display the Item Code, From and To Bin Locations, the Lot/Serial Number and the Quantity to Transfer. Additional "Manual" entries can be made as well.

	14 🔁					t= = (= (= (=
Item Code	Repl Type	From Bin Location	To Bin Location	Lot Serial Number	Quantity to Transfer	
180-8-50	Restock	C-100-10	A-100-20	JAN10	100.00	
481-5-50	Restock	C-100-40	A-100-20	JAN10	100.00	
371	Restock	C-200-20	A-100-20	JAN10	100.00	
LOB-V-3672-25W	Restock	E-100-30	A-100-20		48.00	
LOB-V-3672-25W	Restock	RECEIVING	A-100-20		52.00	
PEAKERS	Restock	RECEIVING	A-100-20		100.00	
J-M-2109-A	Restock	E-500-20	A-100-20		83.00	
U-M-2109-A	Restock	RECEIVING	A-100-20		17.00	
001-HON-H252	Put Away	RECEIVING	E-300-10		100.00	
480-8-50	Put Away	RECEIVING	C-100-10	1235698	10,000.00	
481-5-50	Put Away	RECEIVING	C-100-40	1111	5,000.00	
001-HON-H252	Manual	E-300-10	A-000-00		1,745.00	
	٩,				.00	
	80-9-50 81-5-50 71 0.8-V-3672-25W 0.8-V-3672-25W E-&KERS J-M-2109-A 01-HON-H252 80-9-50 81-5-50 01-HON-H252	80-8-50 Restock 81-5-50 Restock 71 Restock 0.8-V-3672-25W Restock 0.8-W-3672-25W Restock EAKERS Restock UM-2109A Restock 0.1-MOPA Restock 0.1-MOPA Restock 0.1-MOPA Restock 0.8-850 Put Away 81-550 Put Away	80-8-50 Restock C-100-10 81-5-50 Restock C-100-40 71 Restock C-200-20 0.8 -V-3672-25W Restock E-100-30 0.8 -V-3672-25W Restock RECEI/VING EAKERS Restock RECEI/VING EAKERS Restock RECEI/VING J-M-2109A Restock RECEI/VING UM-2109A Restock RECEI/VING 80-8-50 Put Away RECEI/VING 81-550 Put Away RECEI/VING 81-550 Put Away RECEI/VING 01-HON-H252 Manual E-300-10	80-850 Restock C 100-10 A 100-20 81-5-50 Restock C 100-40 A 100-20 71 Restock C 200-20 A 100-20 0.8-V-3672-25W Restock E 100-30 A 100-20 0.8-V-3672-25W Restock RECEIVING A 100-20 24-XERS Restock RECEIVING A 100-20 J-M-2109A Restock RECEIVING C 100-20 J-M-2109A Restock RECEIVING C 100-10 B0-850 Put Away RECEIVING C 100-40 B1-550 Put Away RECEIVING C 100-40 D1+H0N+H252 Marual E 300-10 A 000-00	80-8-50 Restock C 100-10 A-100-20 JAN10 815-50 Restock C 100-40 A-100-20 JAN10 71 Restock C 200-20 A-100-20 JAN10 71 Restock C 200-20 A-100-20 JAN10 0.8-V-3672-25W Restock E-100-30 A-100-20 A 0.8-V-3672-25W Restock RECEI/ING A-100-20 A 2.4XEFDS Restock RECEI/ING A-100-20 A JM-2109A Put Away RECEI/ING C 100-10 1235638 B0-850 Put Away RECEI/ING C 100-40 1111 B1-550	80-850 Restock C 100-10 A 100-20 JAN10 100.00 81-5-50 Restock C 100-40 A 100-20 JAN10 100.00 71 Restock C 200-20 A 100-20 JAN10 100.00 0.8-V-3672-25W Restock E 100-30 A 100-20 JAN10 100.00 0.8-V-3672-25W Restock RECEIVING A 100-20 48.00 25.200 0.8-V-3672-25W Restock RECEIVING A 100-20 100.00 100.00 JAA12109A Restock RECEIVING A 100-20 100.00 100.00 JM-2109A Restock RECEIVING C 100-10 1235698 10.0000 01-HON-H252 Put Away RECEIVING C 100-40 1111 5,000.00<

Put Away Report

The Put Away Report will print all entries made during either Replenishement Selection or Replenishment Entry. This report gives the user a simplified list of what Items and Quantities are moving, from where they are moving and which bin locations they are moving to. This report can be sorted by Bin Location or by Alternate sort and can be filtered using the Selections in the lower part of the Put Away Report printing screen.

IT (ABC) 7/21	./2010					>
STANDARI)				S	ave l'
Putaway Re	eport					
Public	\sim	Print Re	port Settings		Number of Copies	1 🗘
		Three H	ole Punch		Collated	
	Operand		Value			^
lo			- Glab			
	All	-				
n	All	-				
	All	-				
	All	-	1			
	STANDARE Putaway Re Public	Bin Location Bin Location Operand All All n All	STANDARD ♥ Putaway Report Print Re Public Print Re Image: Strain	STANDARD Image: Constraint of the sector o	STANDARD Putaway Report Public Print Report Settings Image: Stress of the set of the	STANDARD Putaway Report Public Print Report Settings Number of Copies Image: Collated Image: Collated Image: Collated Value Image: Collated Value Image: Collated Image: Collated <tr< td=""></tr<>

Put Away Report Sorted by Bin Location

To Bin Location	Item Code / Description	From Bin Location	Lot / Serial Number	Quantity to Transfe
A-000-00	1001-HON-H252 HON 2 DRAWER LETTER FLE W/O LK	E-300-10		1,745.00
A-100-20	1001-HON-H252 HON 2 DRAWER LETTER FLE W/O LK	E-300-10		1,000.00
A-100-20	2480-8-50 DESK FILE 8" CAP 50	C-100-10	JAN10	100.00
A-100-20	2481-5-50 DESK FILE 5 1/4" CAP 50	C-100-40	JAN10	100.00
A-100-20	8971 UNIVERSAL 5 1/4" SSDD FLEX DSK	C-200-20	JAN10	100.0
A-100-20	GLOB-V-3672-25W GLOBE FOLDING TABLE 36x72	E-100-30		48.0
A-100-20	GLOB-V-3672-25W GLOBE FOLDING TABLE 35x72	RECEIVING		52.0
A-100-20	SPEAKERS SPEAKERS	RECEIVING		100.0
A-100-20	WJ-M-2109-A POST BINDER 3/16 X 1/2 (100)	E-500-20		83.0
A-100-20	WJ-M-2109-A POST BINDER 3/16 X 1/2 (100)	RECEIVING		17.0
C-100-10	2480-8-50 DESK FILE 8" CAP 50	RECEIVING	1235698	10,000.00
C-100-40	2481-5-50 DESK FILE 5 1/4" CAP 50	RECEIVING	1111	5,000.00
E-300-10	1001-HON-H252 HON 2 DRAWER LETTER FLE W/O LK	RECEIVING		100.0
			Warehouse 000 Total:	18,445.00
			Putaway Report Totat	18,445.00

Replenishment Register/Update

Use the Replenishment Register/Update to review and post all transactions entered from the Replenishment Selection and Entry tasks. You must update all transactions currently in entry at one time.

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DSD / ScanForce Multi-Bin Advanced

🔓 Replenishment Register (ABC) 7/21/2016		-		×
MULTI-BIN INVENTORY MANAGEMENT REPLENIS	HMENT REGISTER			
HP01746C (HP ENVY 120 series)	Print Prev	iew	<u>S</u> etup	0

Replenishment Register ABC Distribution and Service Corp. (ABC) Replenishment Number Replenishment Date Warehouse Code/Description Replenishment Comment Quantity to Transfer Item Code From Bin Location To Bin Location Lot/ Serial Number Replenishment Type Description 00000029 000 CENTRAL WAREHOUSE 1001-HON-H252 E-300-10 A-100-20 Overstock 1,000.00 HON 2 DRAWER LETTER FLE W/O LK A-100-20 2480-8-50 C-100-10 JAN10 100.00 Overstock DESK FILE 8" CAP 50 2481-5-50 C-100-40 A-100-20 JAN10 Overstock 100.00 DESK FILE 5 1/4" CAP 50 8971 C-200-20 A-100-20 JAN10 Overstock 100.00 UNIVERSAL 5 1/4" SSDD FLEX DSK A-100-20 GLOB-V-3572-25W 48.00 E-100-30 Overstock GLOBE FOLDING TABLE 38x72 GLOB-V-3572-25W RECEIVING A-100-20 Overstock 52.00 GLOBE FOLDING TABLE 35x72 RECEIVING A-100-20 SPEAKERS Overstock 100.00 OFAKERS

Sales Order Picking Sheet Printing

Allocations for multi-bin items can also occur during Sales Order Picking sheet printing if desired. In order to allow for allocations during Picking Sheet printing, you must perform the following steps:

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User's Manual

- 1. Enable "Lot/Serial Distribution in Sales Order Entry" in Sales Order Options.
- 2. Enable "Allow Bin Distribution during Picking Sheet Printing" in Multi-Bin Options.
- 3. Select an "Auto-Allocation" method and select an "L/S Auto-Allocation" method on the Allocations tab in Warehouse Bin Maintenance for SO/IM Sales. (see below)

Warehouse Bin Mainter	ance (ABC) 4/25/2016				- 0
rehouse Code 000	🗄 🔄 📢 🔹 🕨 🚺 CENTRAL W.	AREHOUSE			Copy
1. Main <u>2</u> . Allocatio	ns)				
T. Mail 1					
Data Entry	Default Bin Location	Auto-Allocation	L/S Auto-Allocation	Option	Default to Prior
IM Receipts		Disabled	Disabled	Do not Auto-Allocate	
IM Transfer From		Disabled	Disabled	Do not Auto-Allocate	
IM Transfer To		Disabled	Disabled	Do not Auto-Allocate	
IM Issues		Disabled	Disabled	Do not Auto-Allocate	
PO Receipts		Disabled	Disabled	Do not Auto-Allocate	
PO Returns		Disabled	Disabled	Do not Auto-Allocate	
P0 Material Reg		Disabled	Disabled	Do not Auto-Allocate	
SO / IM Sales	A-100-00	Bin Location Order	Receipt Date	Prompt to Auto-Allocate	
SO Credit Memo / RMA		Disabled	Disabled	Do not Auto-Allocate	

Once setup has been completed for picking sheet printing, the "Multi-Bin" button is available in the Picking Sheet Printing screen. Select the "Multi-Bin" button to enable the "Auto-Allocation", "Print Unallocated Quantities" and set the sort order for the picking sheets. The selection options here can be saved with each custom form code.

Auto-Allocate		✓
Print Unallocated Quantities		
Populate 'Available' Fields		
Include Serial Numbers in 'A	vailable' Detail	
Include Lot Numbers in 'Ava	ilable' Detail	
Exclude Sales Orders in Sh	ipping/Invoice Data I	Entry 🖌
Print Picking Sheets By	Order	•