User Guide

Wireless Warehouse
Add On
V21.1.0200

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EFI PrintStream | *V21.1.0200 Wireless Warehouse Add On User Guide*

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Table of Contents

Introduction 4

Overview 4
Contact Information 4

Wireless Warehouse 5

Login Screen 5
Main Screen 7
Warehouse 7
Receiving 8
PO Receiving 18
Issues 20
Ship to Customer 22
Ship to Vendor 25
Put Away 27
Inventory Return 28
Inventory Transfers 29
Scheduled Tasks 36
Physical Counts 38
Print Skid Ticket 39
Fulfillment 40
Pick Order 40
Pick Confirmation 42
Package Confirmation 53
Print Pick Slip 56
Print Package Slip 56
Product Tracking 57
Wave Picking 60
Wave Picking Enhancements 70
Inquiry 78
Item Inquiry 78
Skids 82
Locations 83
Print Utility 84
Logout 85
Printing Ticket Controls 86
Device Recommendations 88

Introduction

Overview

This document provides information about the Wireless Warehouse in PrintStream.

Contact Information

EFI Support

US Phone:	855.334.4457 (first select option 3, then press option 8, then press option 1)
US Fax:	415.233.4157
US E-mail:	printstream.support@efi.com

Regular Service Desk hours are 8:00 AM to 7:00 PM Central Time, Monday – Friday. Outside of these hours, you may leave a voice mail message and an on-call support representative will be paged. Response time is based on the severity of the issue.

Note For problems involving infrastructure (i.e., computers, networks, operating systems, backup software, printers, third-party software, etc.), contact the appropriate vendor. EFI cannot support these types of issues.

EFI Professional Services

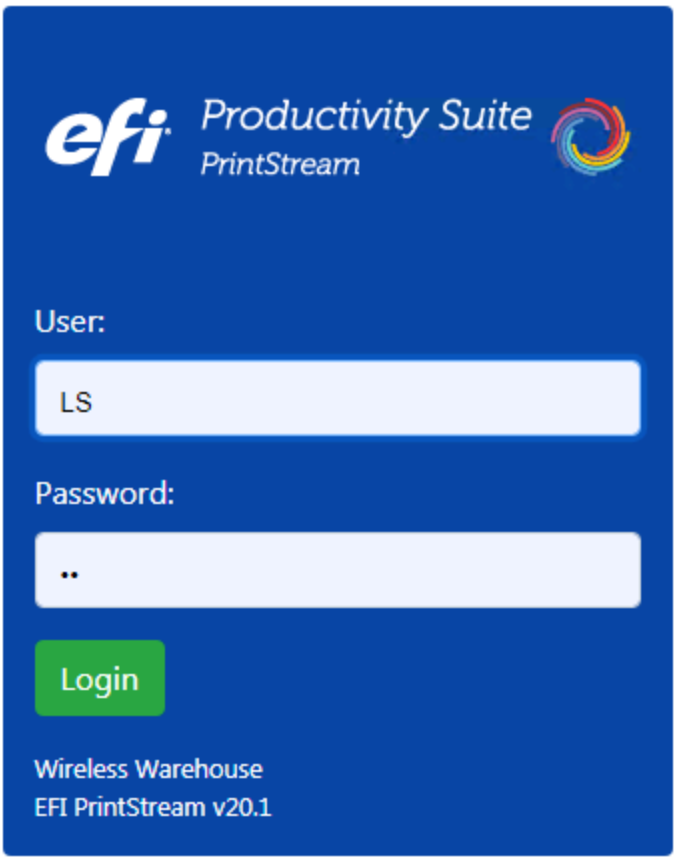
US Phone:	651.365.5321
US Fax:	651.365.5334
E-Mail:	ProfessionalServicesOperations@efi.com

EFI Professional Services can help you perform EFI software installations, upgrades, and updates. This group can also help you implement, customize, and optimize your EFI software plus offer a range of training options.

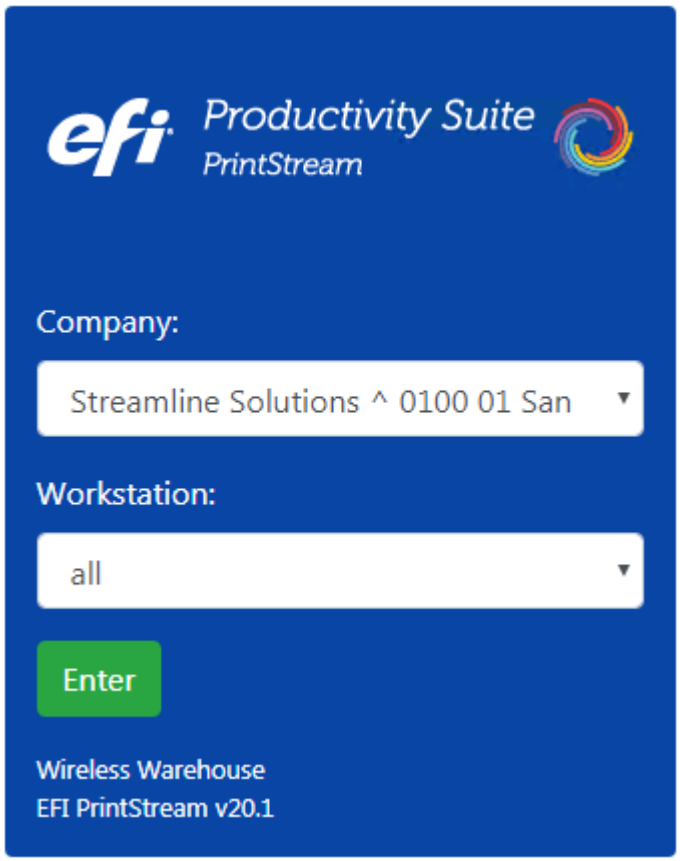
Wireless Warehouse

Login Screen

At the login screen for Wireless Warehouse you will use your PrintStream login and password.

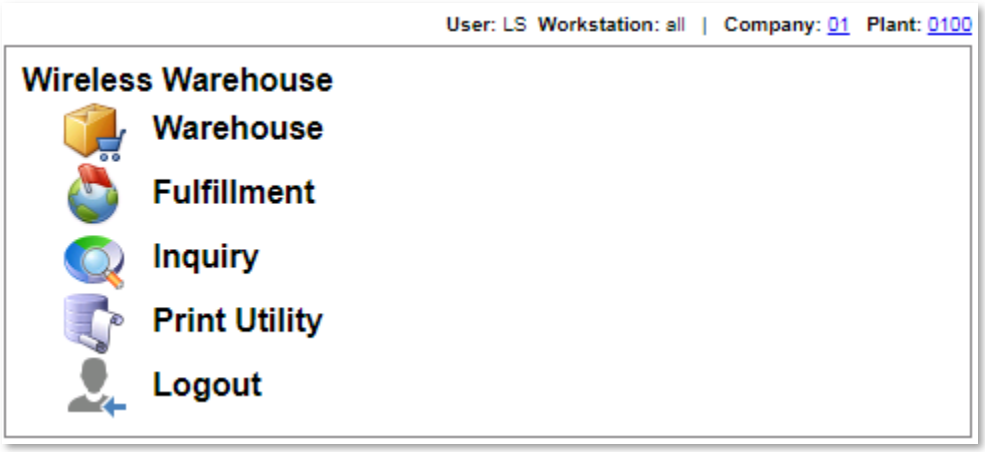


It will default to your Company/Plant and then you must choose the workstation that is setup for the Wireless Warehouse during the installation. Select Enter.



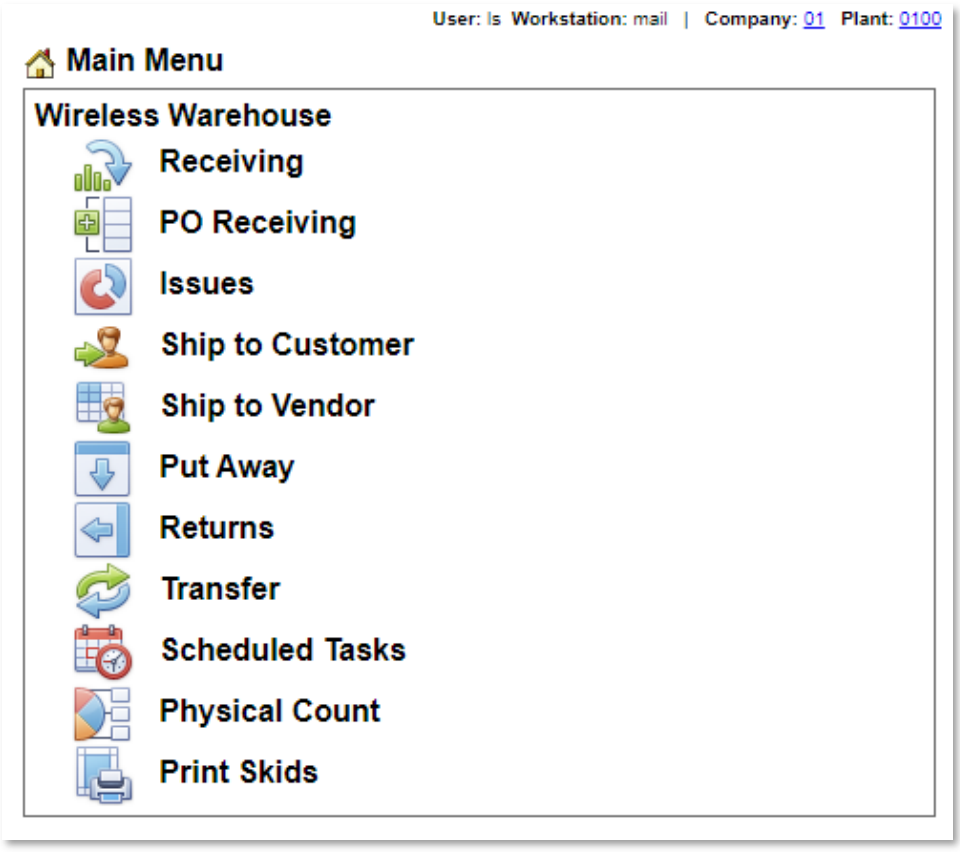
Main Screen

This is the next screen you see on your handheld device. Your options are **Warehouse**, **Fulfillment**, **Inquiry**, **Print Utility**, and **Logout**.



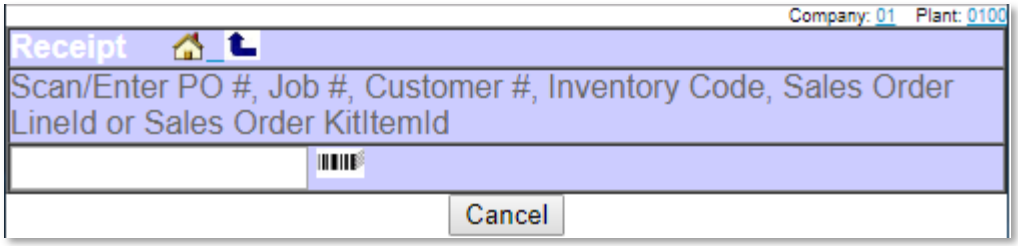
Warehouse

In Warehouse Manager, you will see the next screen. The options you have work similar to the regular warehouse feature in the PrintStream Inventory module but in an abbreviated fashion for the handheld device. In Wireless Warehouse, you have the option to either scan barcodes for true efficiency or hand key data in the event of barcode failure. If you are hand keying data, you will need to press Enter to move through the screens.

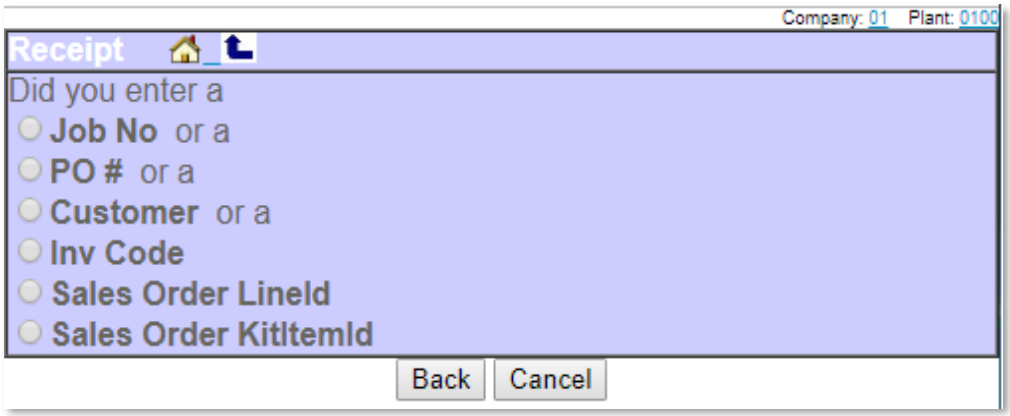


Receiving

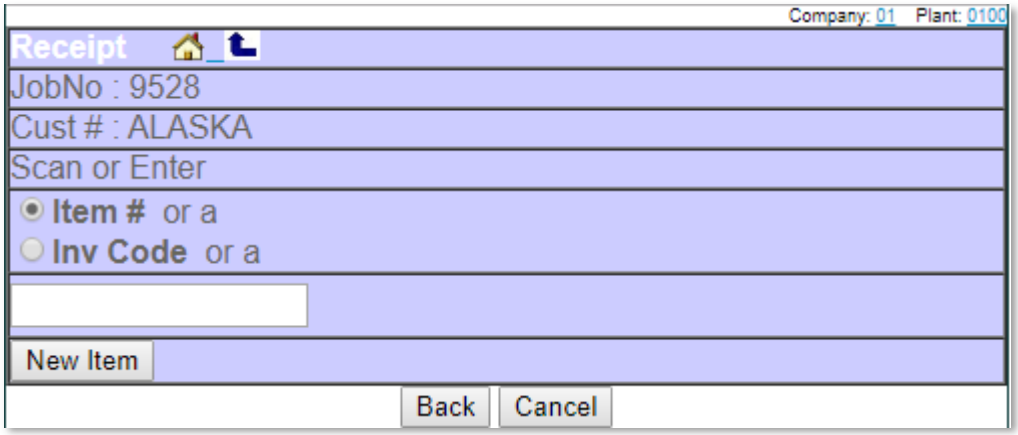
In receiving, you have the options to scan either a PO #, Job #, Customer #, Inventory Code, Sales Order Line ID, or Sales Order Kit Item ID to begin a receipt. At the top of each screen in Wireless Warehouse, you will see two icons: a house and up arrow. The house takes you back to the home screen and the up arrow takes you back to the beginning of the function in which you are working.



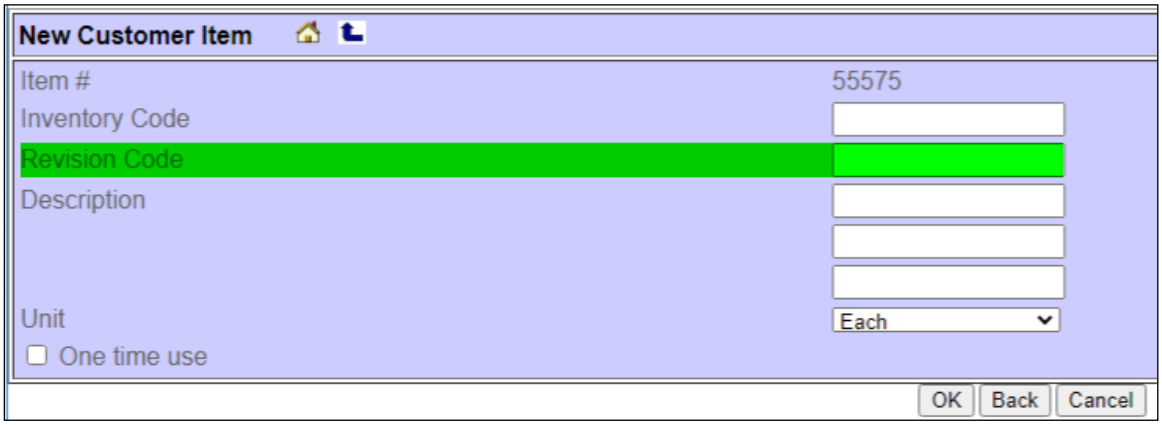
If you are manually keying this information through the system, it asks you which of the options you entered. If you are scanning with and RF device, it knows and goes to the next screen. For the purpose of this document, it is assumed you are scanning.



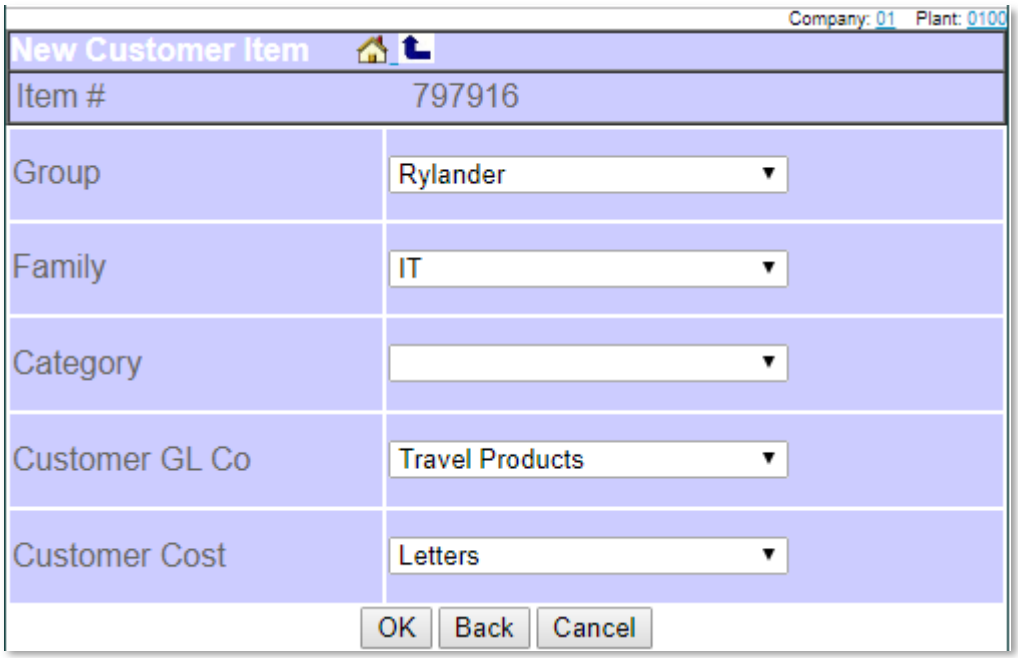
If you choose a Job Number, you have the option to scan an item on the job or create a new item.



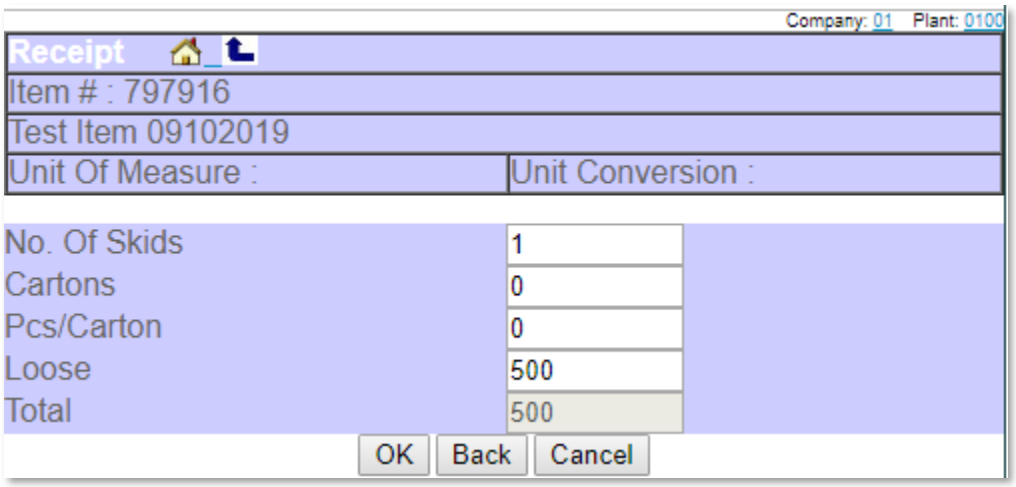
When creating a new item, you need to assign an **Inventory Code, Description**, and **Revision Code** if needed. You can change the **Unit of Measure** and also make the item a **One time use**.



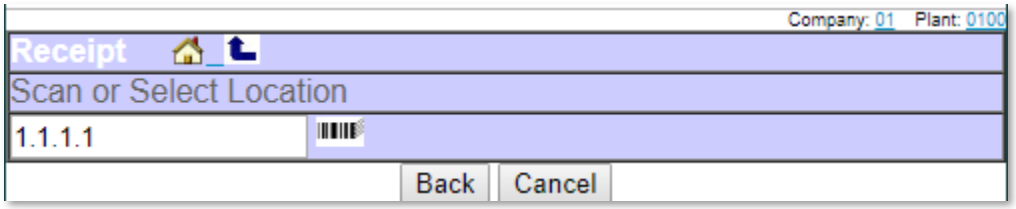
You can also choose **Group**, **Family**, or **Category** from the predefined fields in your Master Files Inventory. You can also choose other user defined fields.



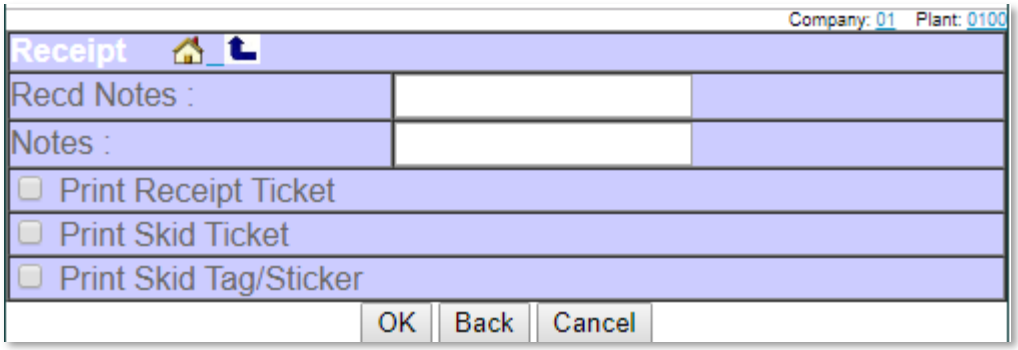
Next, enter the inventory quantity you are receiving.



Then assign it a location in your warehouse.

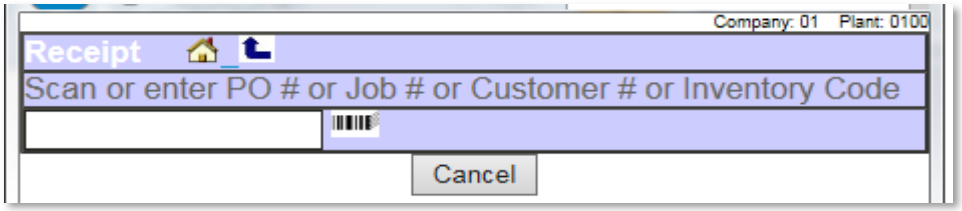


Your final screen for receiving is for your notes and printing your documents.



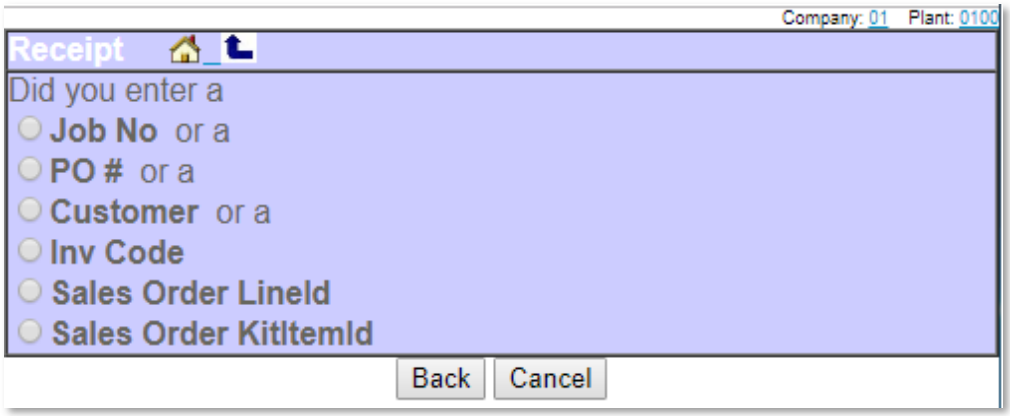
Ability to complete a Customer Inventory Receipt or Purchase Receipt with a scan of the Inventory Code

Users will now can scan an Inventory Code in addition to the PO Number, Customer Number and Job Number. This functionality is added to the Receipt processing. This scan is done in the same text box that the other fields are scanned in.

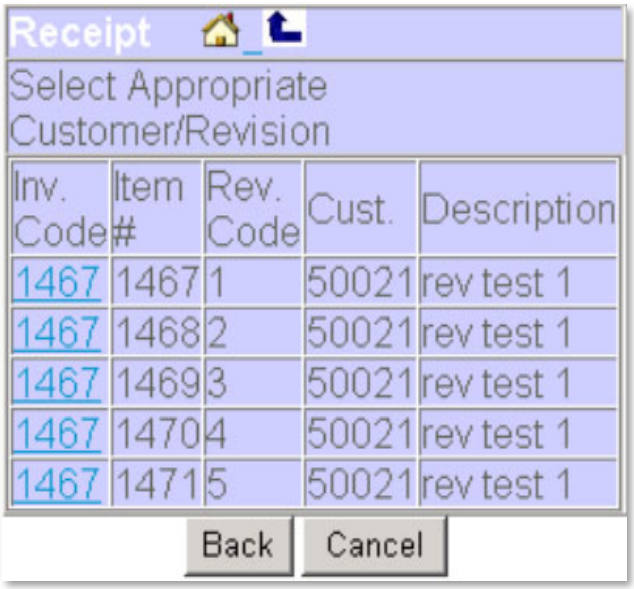


Add the prefix of “IC:” in the barcode to denote an Inventory Code.

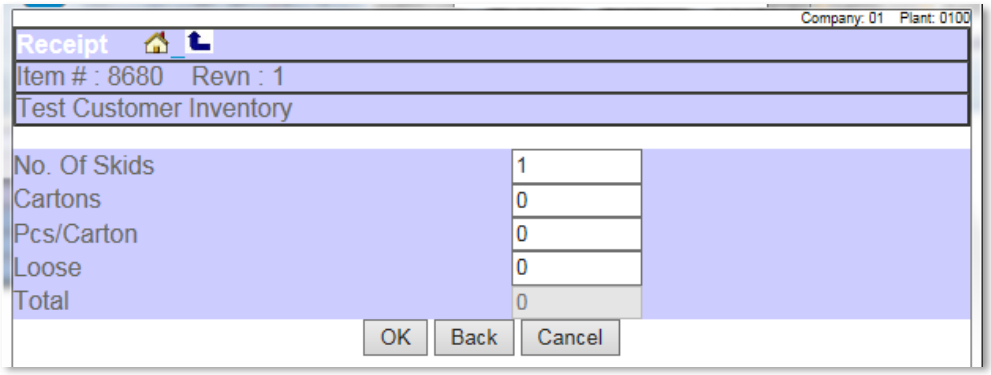
If we scan/key in any text (without prefix IC:), the selection screen allows selection of an Inventory Code radio button in addition to the existing Job No/ PO# / Customer



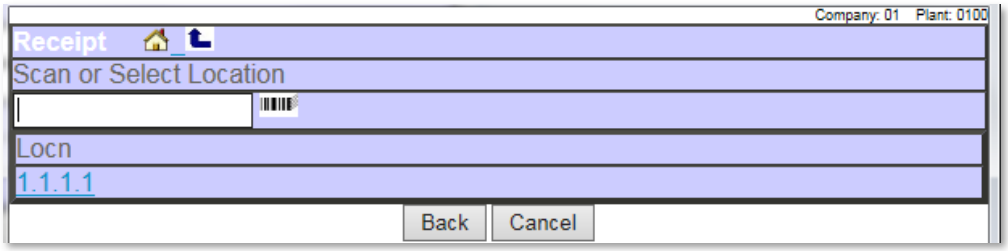
If the Inventory Code has multiple revisions or different customers have same Inventory Code, a list of all Inventory items with the same Inventory Code will display allowing you to select the appropriate Inventory Item



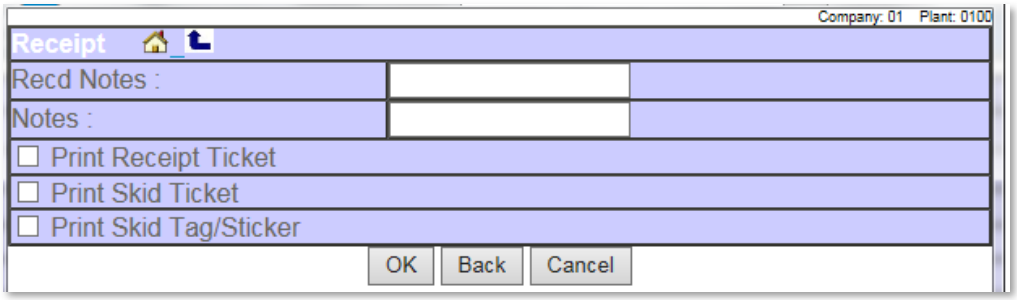
If the Inventory Code is unique or on click of link from above screen – after the explicit Inventory Item is chosen for further processing, the user sees the details screen allowing user to enter the quantity of items received.



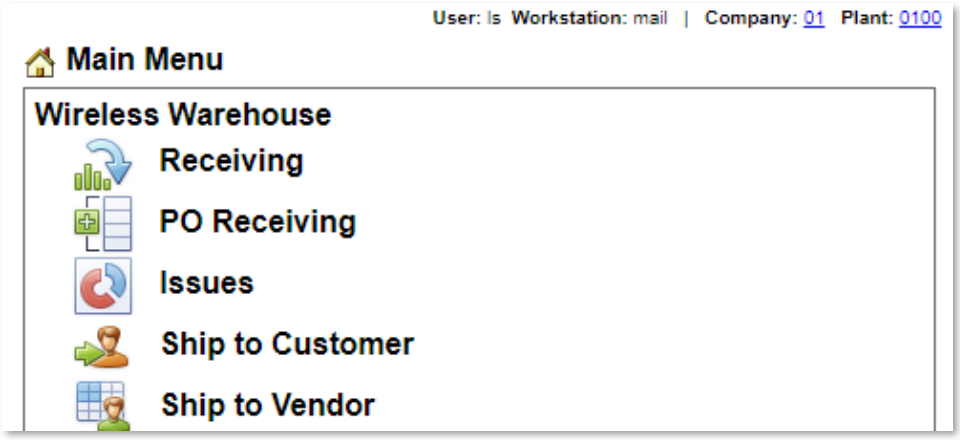
Once the quantity is entered and OK, user gets navigated to location screen to provide the location detail.



Once the location is provided, the user can then opt for printing of the receipts, skid tags/stickers.



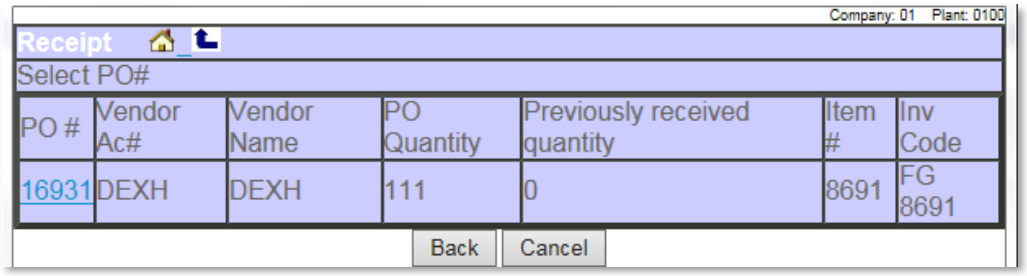
On click of OK, the entries are made to system and the Warehouse Manager Screen is displayed.



If the entered Inventory Code is a FG item, and the Lot Tracking is enabled, then a screen with options to receive an item via PO# or Customer Receipt is shown, as lot tracking F(inished) G(oods) Items can be potentially received via PO or via Customer Receipt

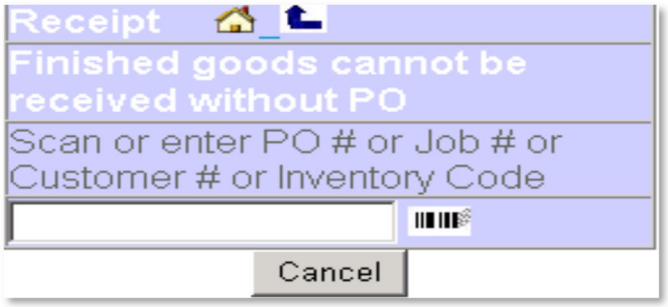
If the Customer Receipt is selected, the above described process of receiving an item is followed.

If the PO# is selected or the Item is FG Item but not Lot tracked, then a list of PO's created for the Inventory Item are displayed to be selected from. Only NOT final received PO lines are available for the processing



On selection of the PO line, the entry screen is shown to enter the quantity of item received and the regular flow of PO receipt follows.

If no OPEN Purchase Orders currently recorded in a system FG items cannot be received and below screen is displayed



Note:

Customer Goods inventory can be received ONLY via Customer Receipt Processing

Finished Goods Inventory (customer linked/or not linked) NOT lot tracking can be received ONLY via PO receipts toward previously created Purchase Orders

Finished Goods Inventory (customer linked/or not linked) LOT TRACKING can be received via PO receipts toward previously created Purchase Orders OR via Customer Receipts processing.

Workflow as above is enhanced with an ability to start receiving process from submitting Inventory Code to begin receiving process and follow all the previously existing in a system rules and workflows.

Receiving - Do not allow a user to receive if no scheduled tasks exists

Description:

For user's customization they need it to not allow the user to receive in the item if a schedule task does not exist.

Acceptance criteria:

Receiving is allowed ONLY if item does have record as Purchase Order OR if item is explicitly Requested as Customer Receipt Request
Only those 2-scheduling types are subject for receiving

Note: This is only applicable to the wireless receiving only. This change does not take place within the inventory screens within PrintStream.

Workflow Scenarios:

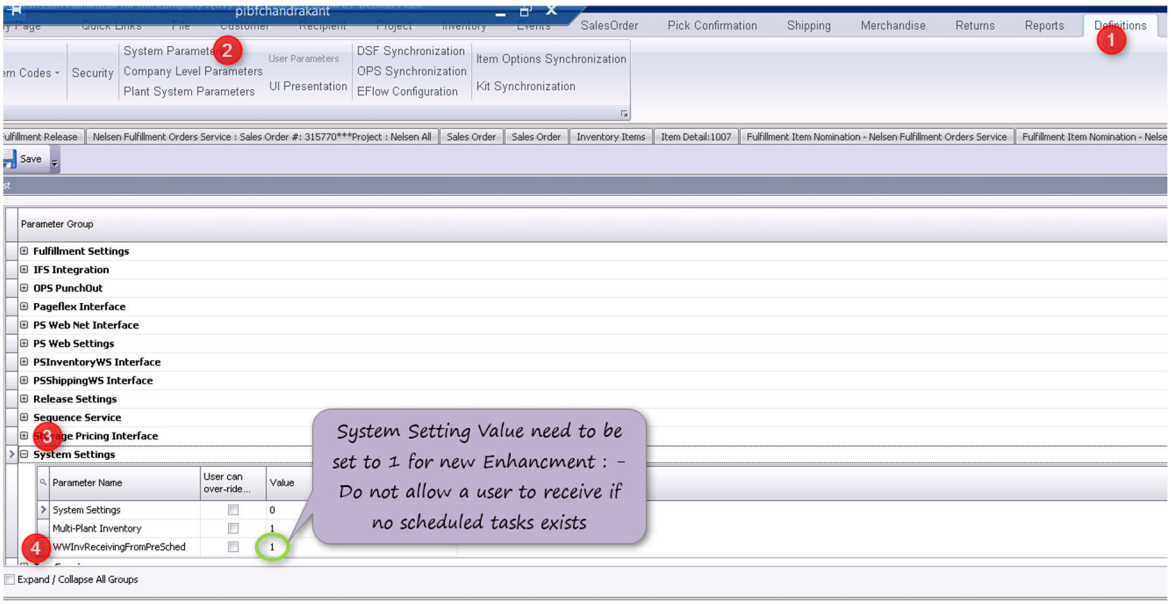
1: New Enhancement required following Configuration:

Login to PrintStream

Launch Streamline Fulfillment

Go to definition

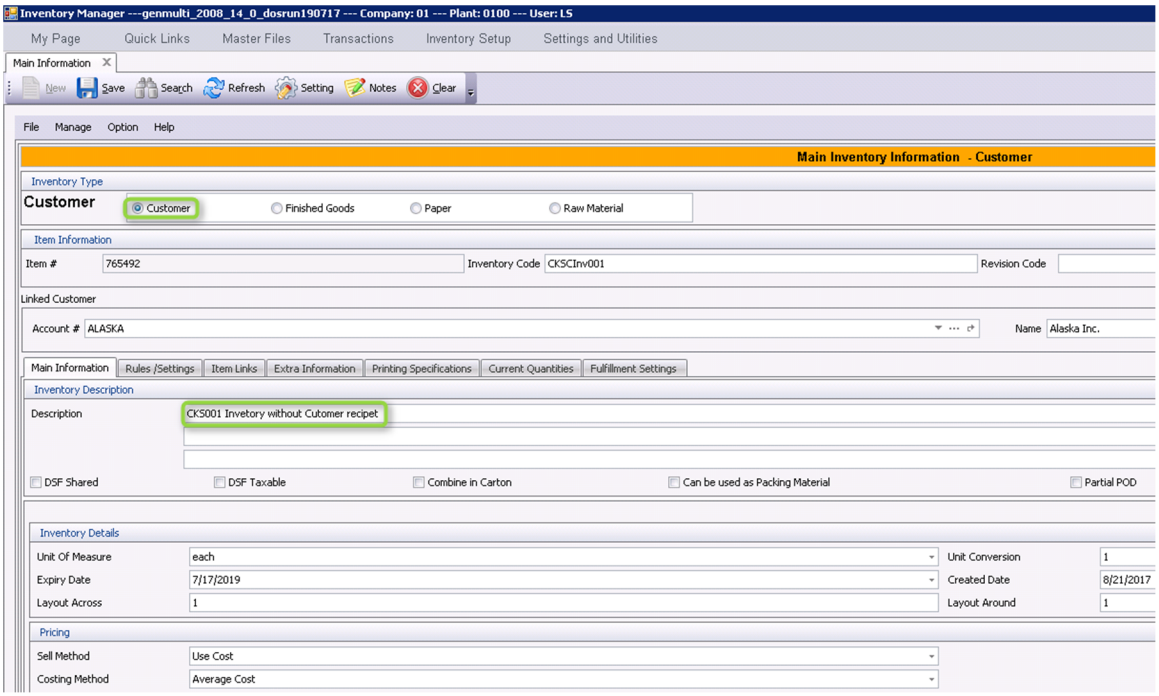
Click on System Parameter



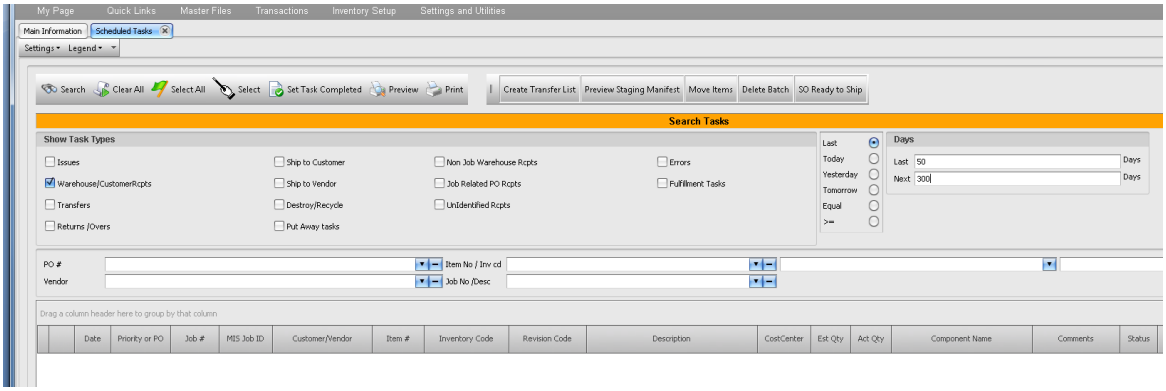
2: Once **WWInvReceivingFromPreSched** value is set to 1 FG and Customer inventory receiving will not be allowed without PO and Customer receipt respectively

See Example for Customer Inventory*:*

1: Created Inventory without Customer receipt



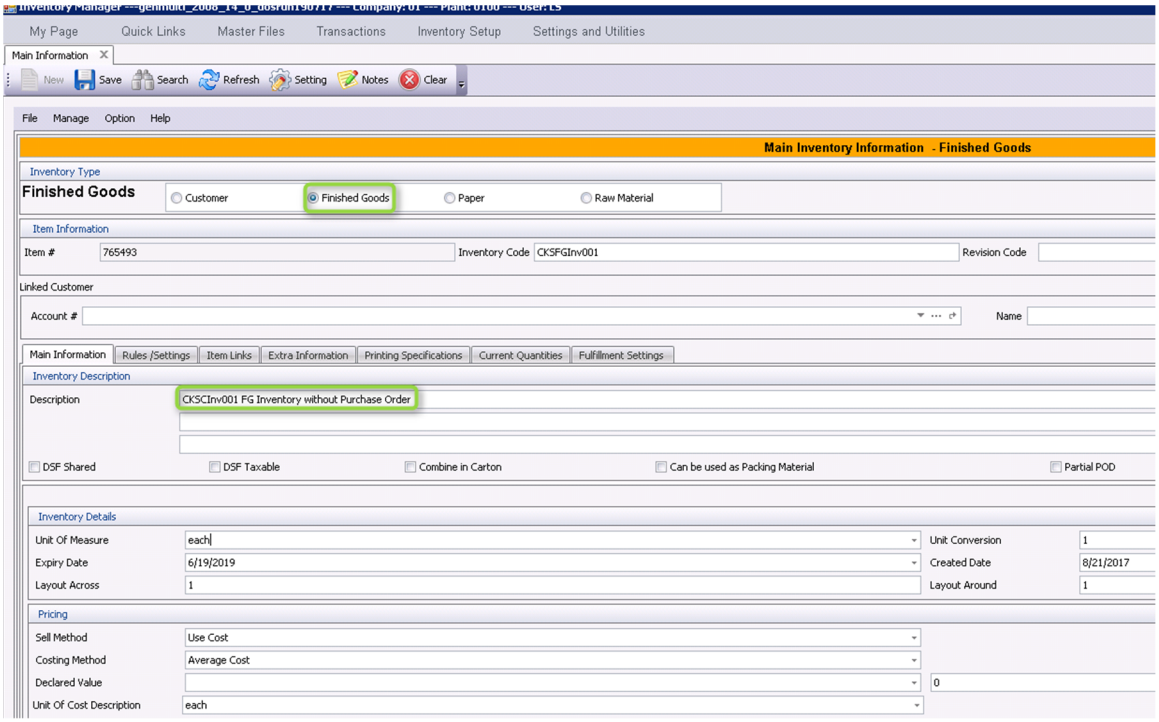
2: Search Schedule Task then try receiving at Wireless



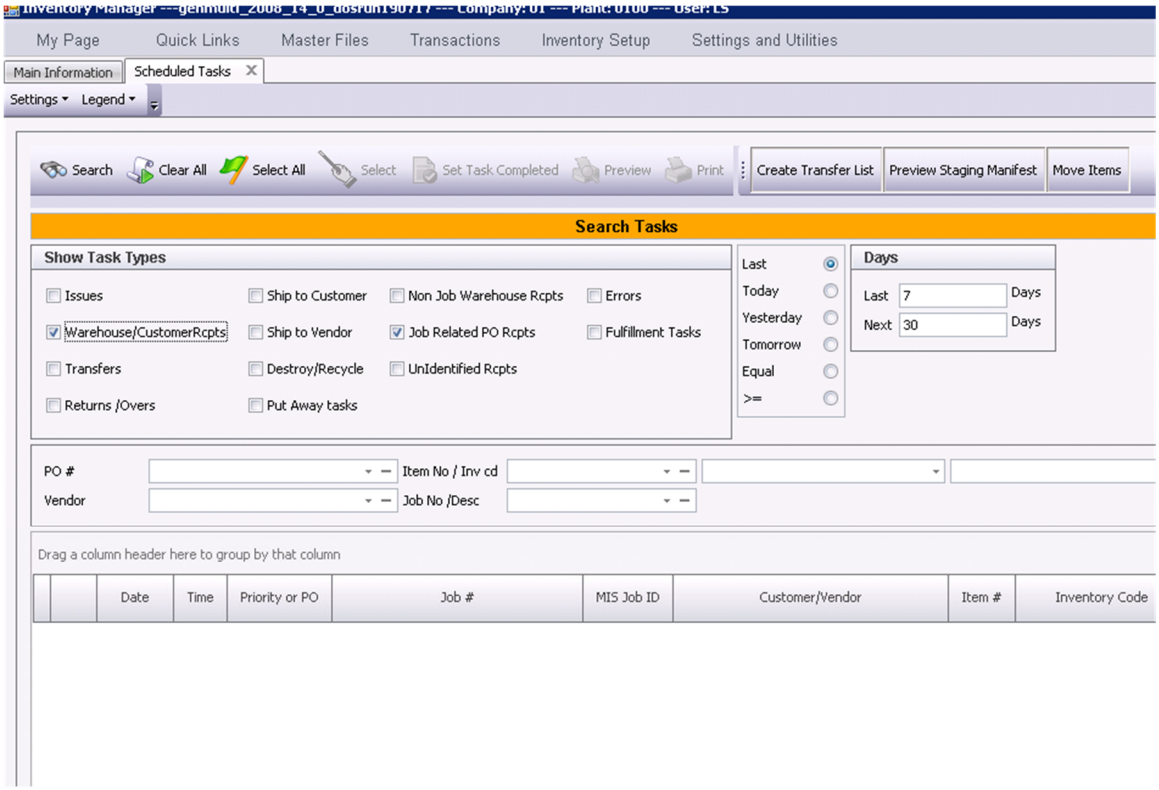
3: Now once **WWInvReceivingFromPreSched** value is set to 1 and user try to receive Customer Inventory from wireless without receipt it displays message and stop user receive.

See Example Finished Goods Inventory*:*

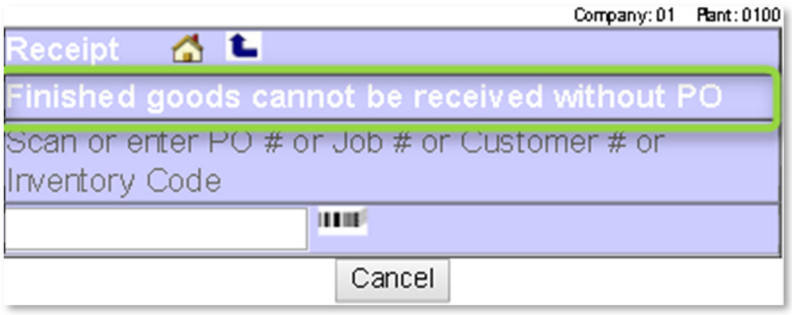
1: Created Inventory without Purchase Order



2: Search Schedule Task then try receiving at Wireless



3: Now once **WWInvReceivingFromPreSched** value is set to 1 and user try to receive Finished Goods Inventory from wireless without Purchase Order it displays message “Finished goods cannot be received without PO”and stop user receive.



PO Receiving

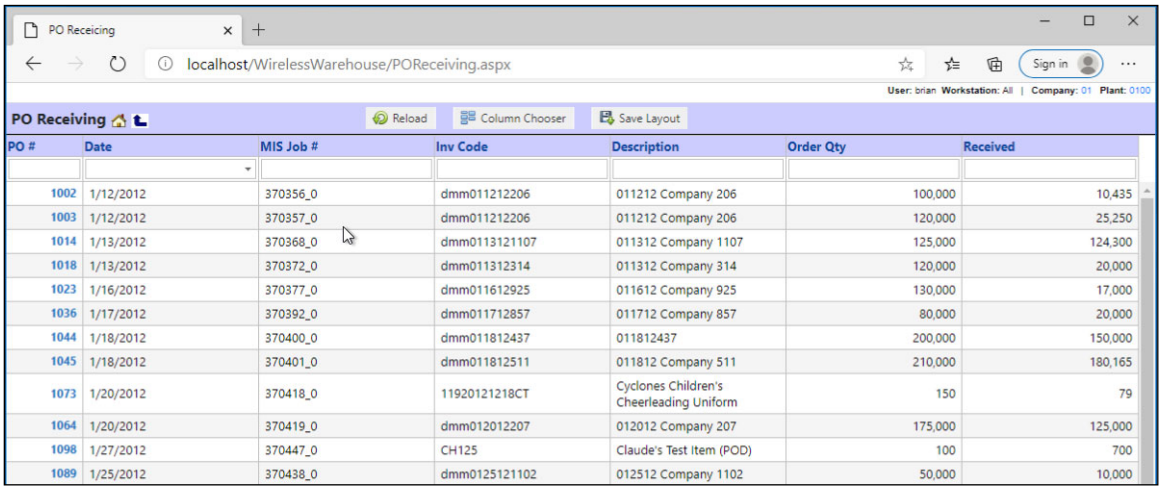
PO Receiving will take the user to a list of unprocessed purchase orders, this page is designed to allow all columns to be filtered and add and remove several fields and save the changes.

The PO Receiving screen will list purchase orders that need receiving. The page will allow the user to do the following;

- Use each column to filter
- Allow the user to add or remove columns
- Save the layout changes for the user
- Reload to refresh the screen to see any new purchase orders that might have been added since the user logged in.

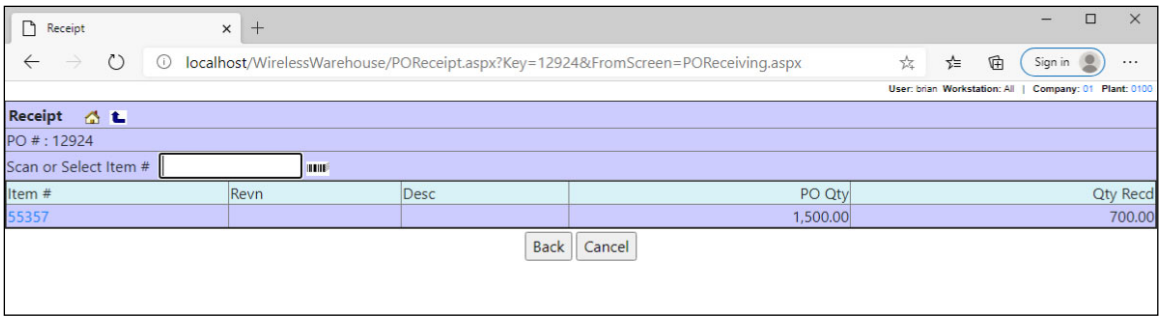
It will show the MIS Job# and the amount previouslly received. The Scheduled Tasks screen does not have these fields.

To do the complete receipt, enter or select the speicifrc PO#, then it can be received.

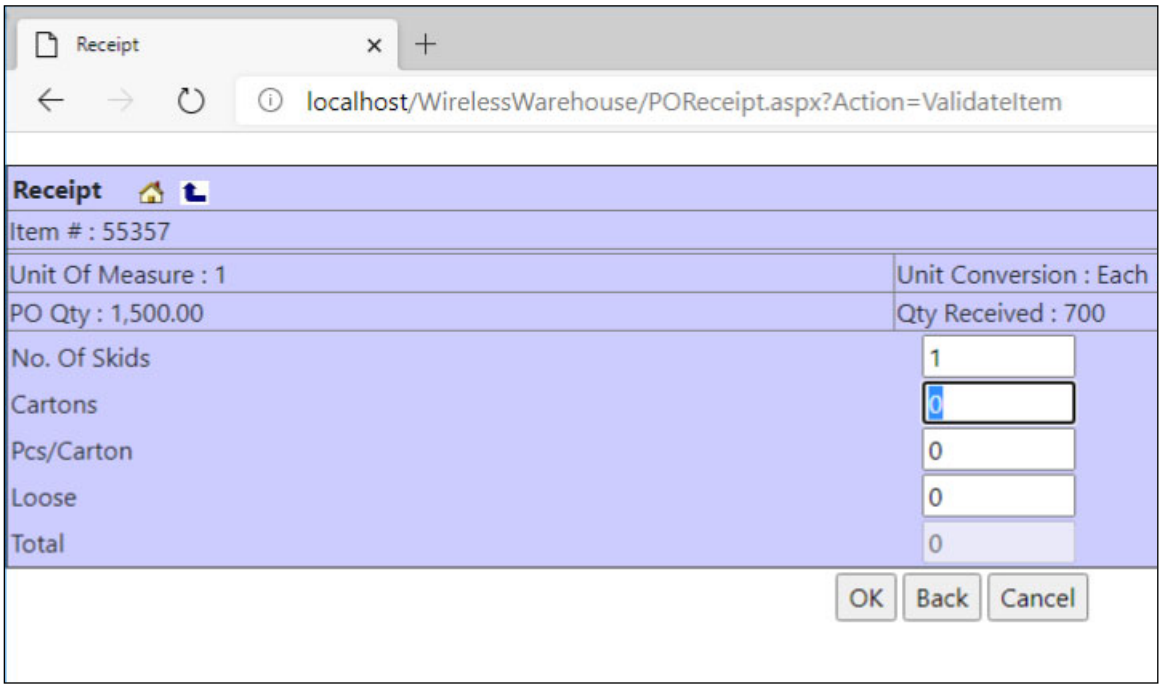


PO #	Date	MIS Job #	Inv Code	Description	Order Qty	Received
1002	1/12/2012	370356_0	dmm011212206	011212 Company 206	100,000	10,435
1003	1/12/2012	370357_0	dmm011212206	011212 Company 206	120,000	25,250
1014	1/13/2012	370368_0	dmm0113121107	011312 Company 1107	125,000	124,300
1018	1/13/2012	370372_0	dmm011312314	011312 Company 314	120,000	20,000
1023	1/16/2012	370377_0	dmm011612925	011612 Company 925	130,000	17,000
1036	1/17/2012	370392_0	dmm011712857	011712 Company 857	80,000	20,000
1044	1/18/2012	370400_0	dmm011812437	011812437	200,000	150,000
1045	1/18/2012	370401_0	dmm011812511	011812 Company 511	210,000	180,165
1073	1/20/2012	370418_0	11920121218CT	Cyclones Children's Cheerleading Uniform	150	79
1064	1/20/2012	370419_0	dmm012012207	012012 Company 207	175,000	125,000
1098	1/27/2012	370447_0	CH125	Claude's Test Item (POD)	100	700
1089	1/25/2012	370438_0	dmm0125121102	012512 Company 1102	50,000	10,000

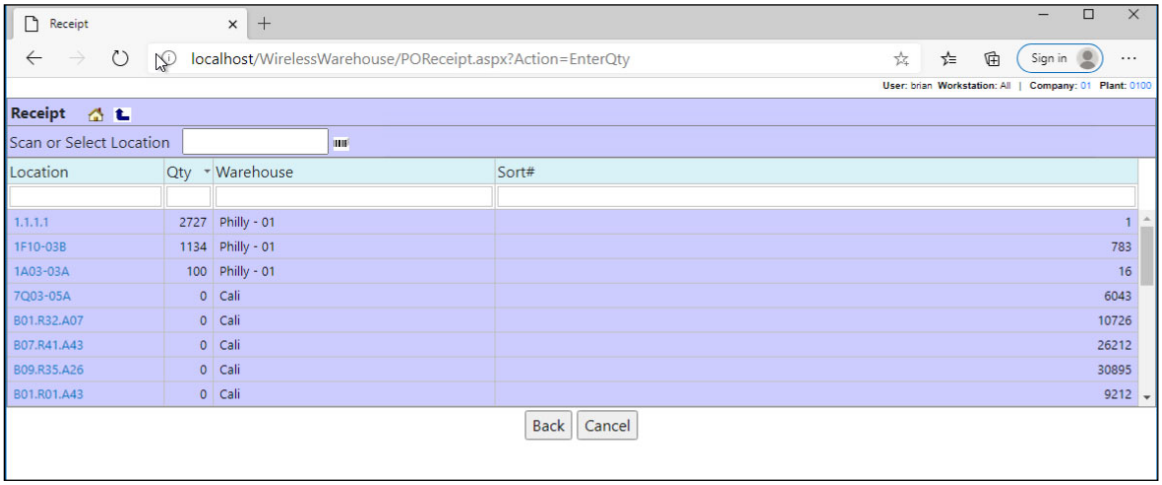
The next page will show the list of items on the purchase order.



Select an item and the system will bring the user to the same receipt screen that existed previously.

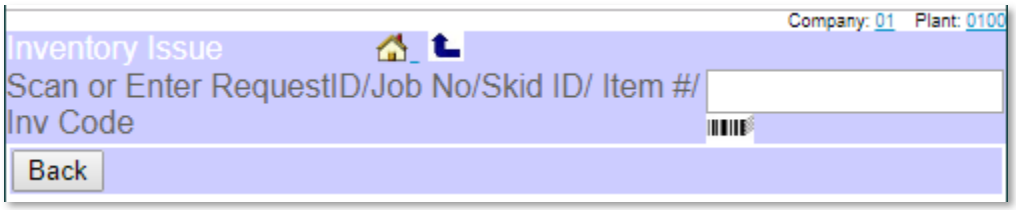


Once the user finishes the # of cartons and pieces, the system will load locations to place the receipt in. The list will contain locations that the item exists in currently and then a list of locations that have no items at all.

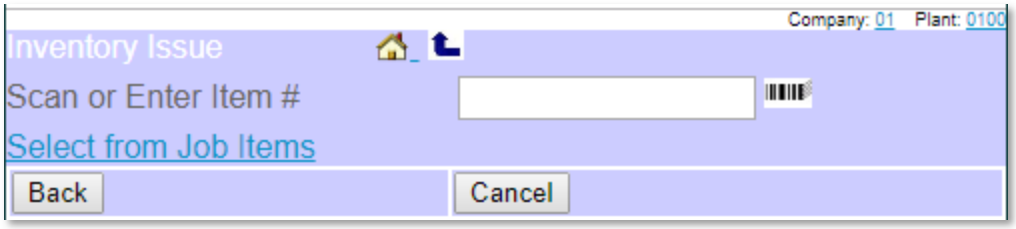


Issues

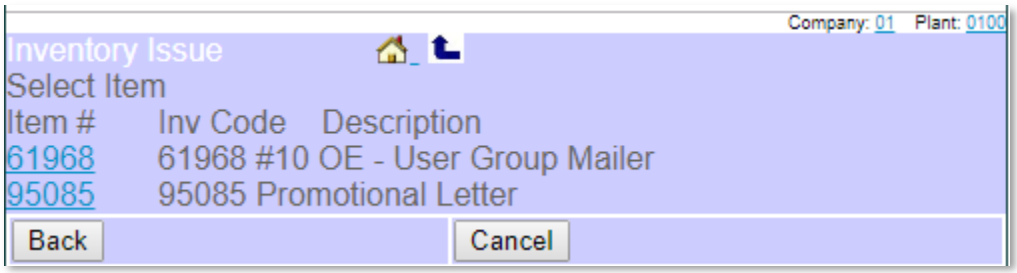
To begin an issue, you can enter a **Request ID**, **Job Number**, **Skid ID**, **Item Number** or **Inventory Code**.



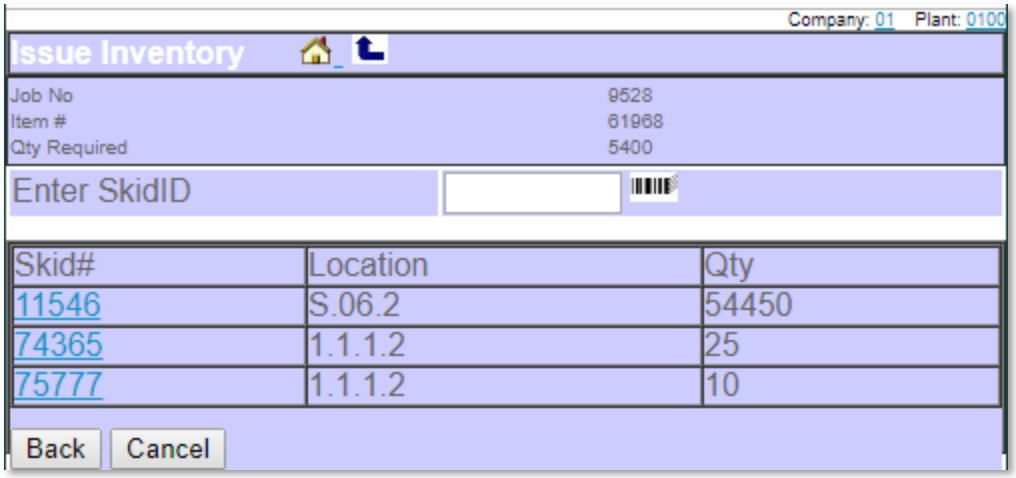
If you choose **Job Number**, you are prompted to scan the item number required for the job,



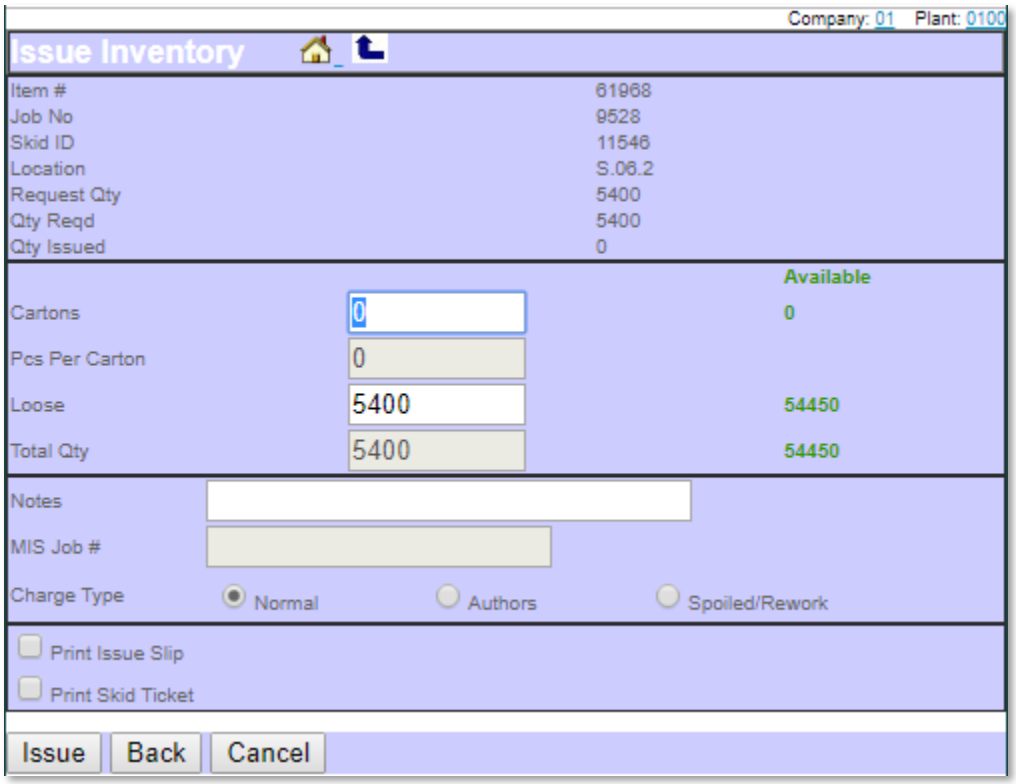
or you can select from a drop-down list.



Scan the **Skid ID** or click the **Skid ID** from which you are issuing product.



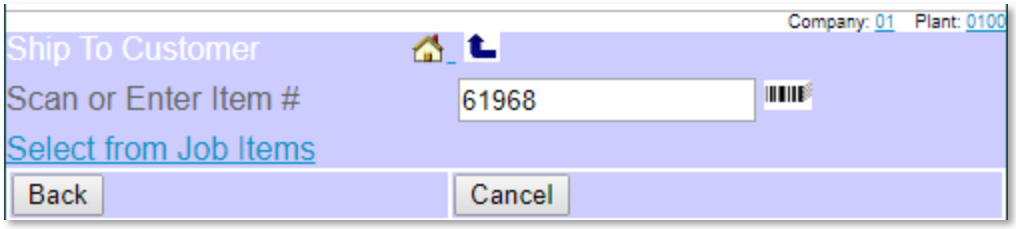
Enter the quantity you are issuing, enter any notes, and select the **Print Issue Slip** and **Print Skid Ticket** check boxes.



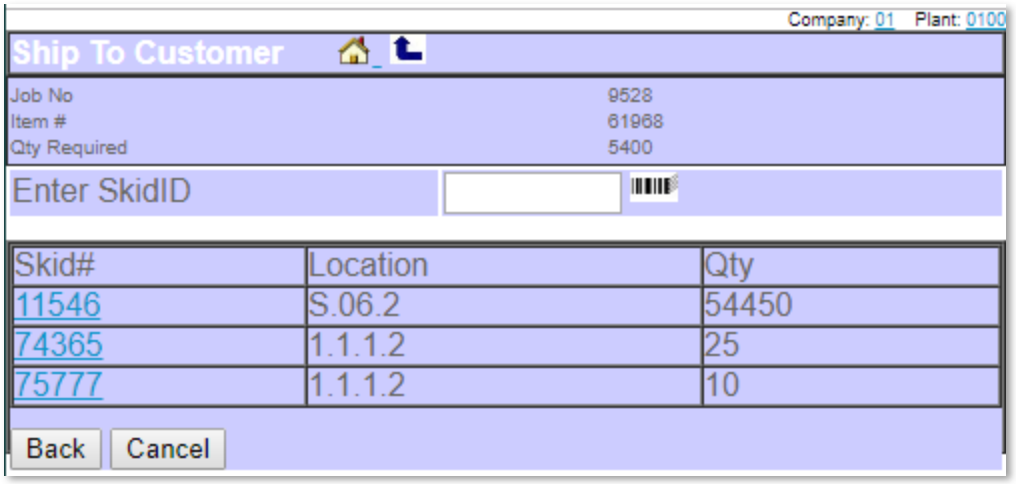
Ship to Customer

In this first screen, you need to scan a **Job Number**, **Skid ID**, **Item Number** or **Inventory Code**.

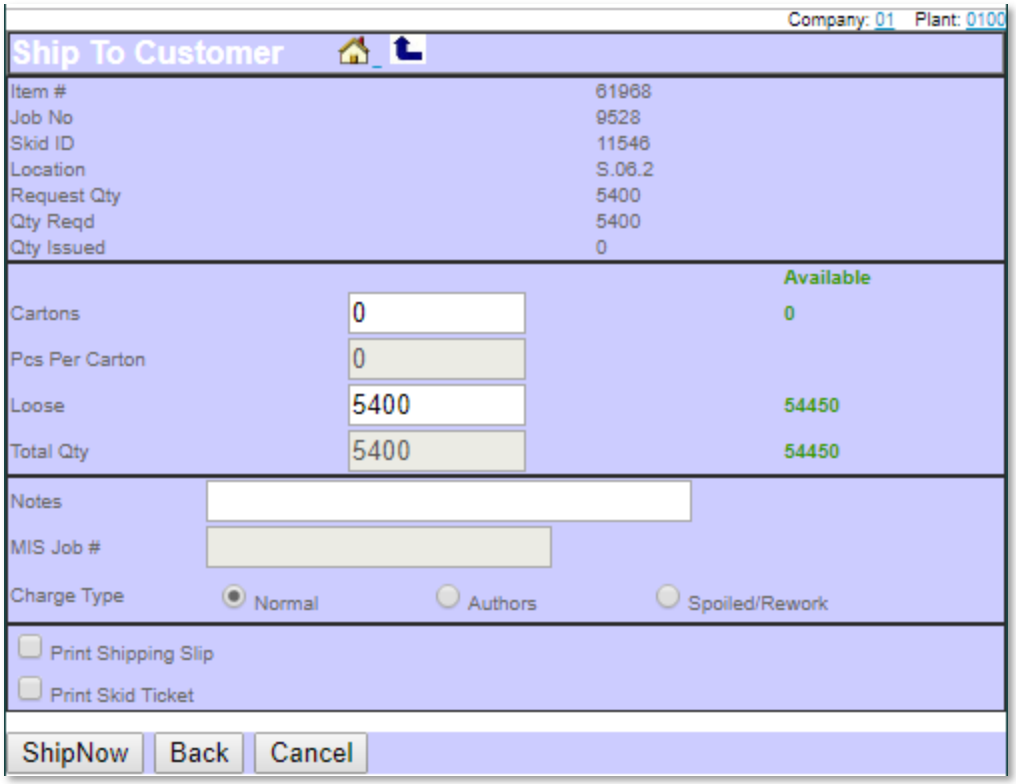
Next, scan the Skid ID or select one from the items linked to the job.



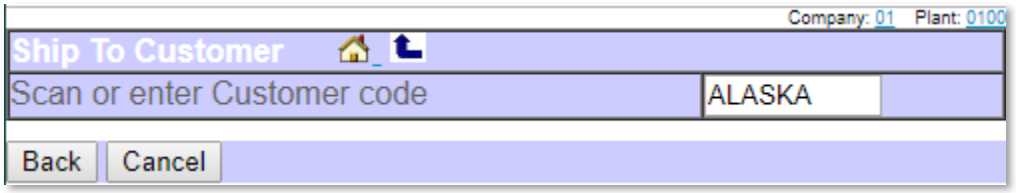
Scan or select the Skid ID that you are shipping to the customer.



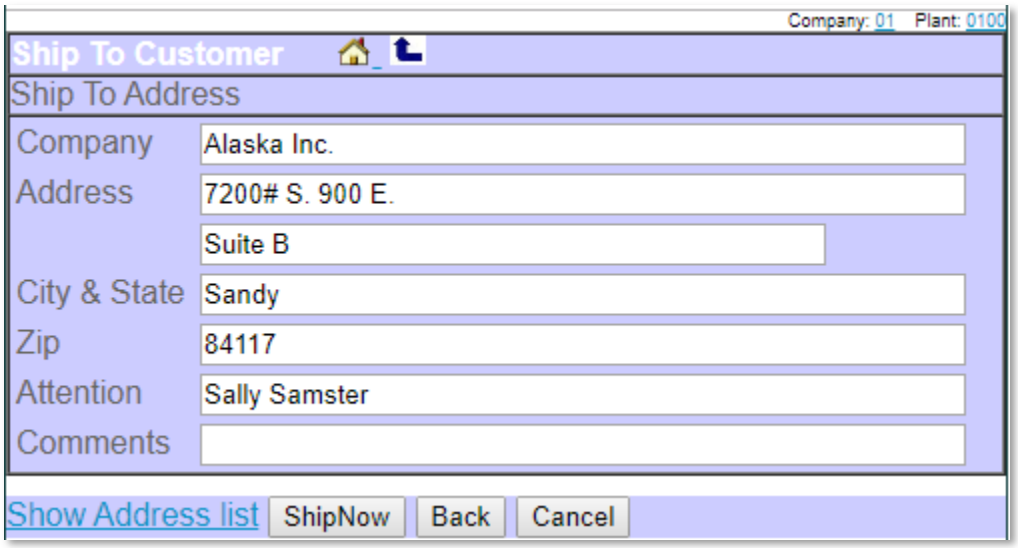
Enter the quantity you are shipping select the **Print Shipping Slip** / **Skid Ticket** check boxes and **ShipNow**.



Enter your customer number from Master Files Customer.



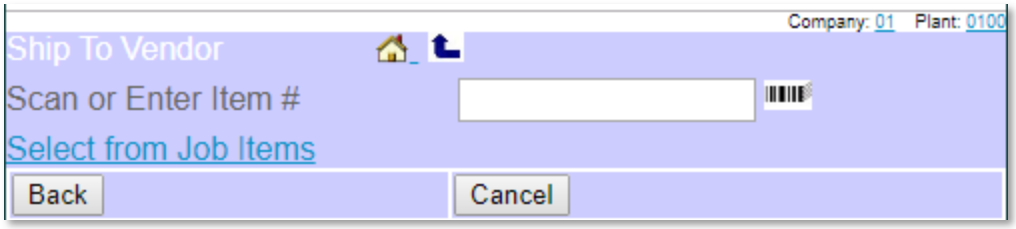
The main address for the customer appears in the next screen, but you have the option to pick another address that is listed in the **Show Address List** drop-down. Click **ShipNow** to ship the item in the system.



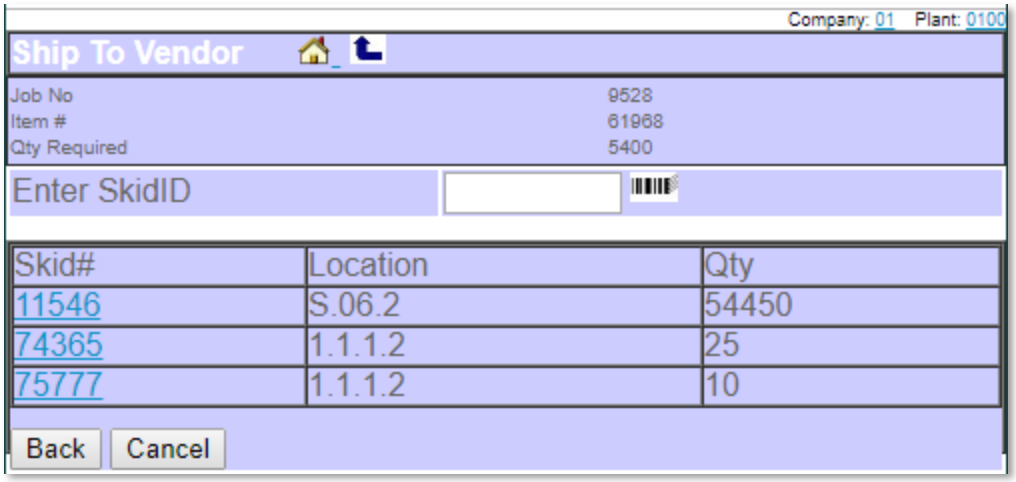
Ship to Vendor

In this first screen, you need to scan a **Job Number**, **Skid ID**, **Item Number** or **Inventory Code**.

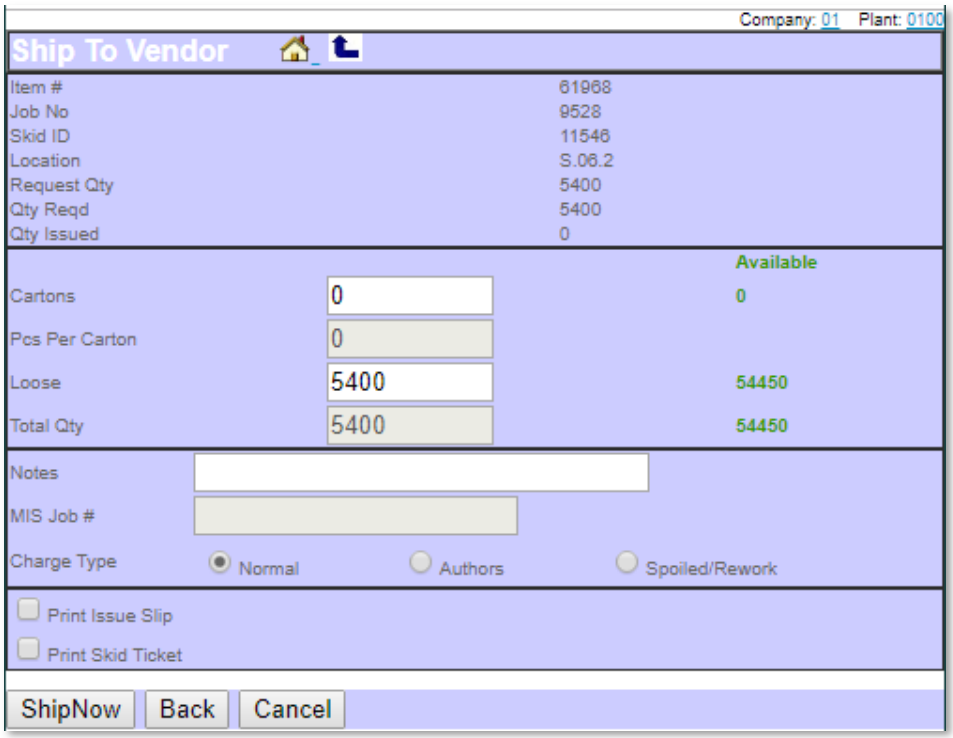
Next, scan the Skid ID or select one from the items linked to the job.



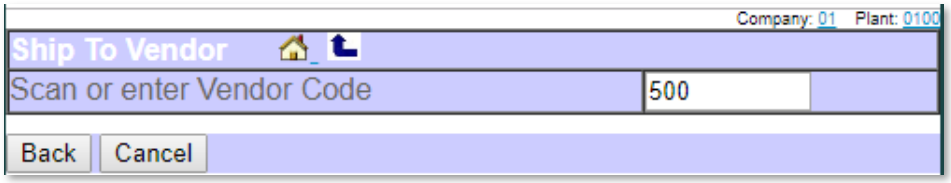
Scan or select the Skid ID that you are shipping to the vendor.



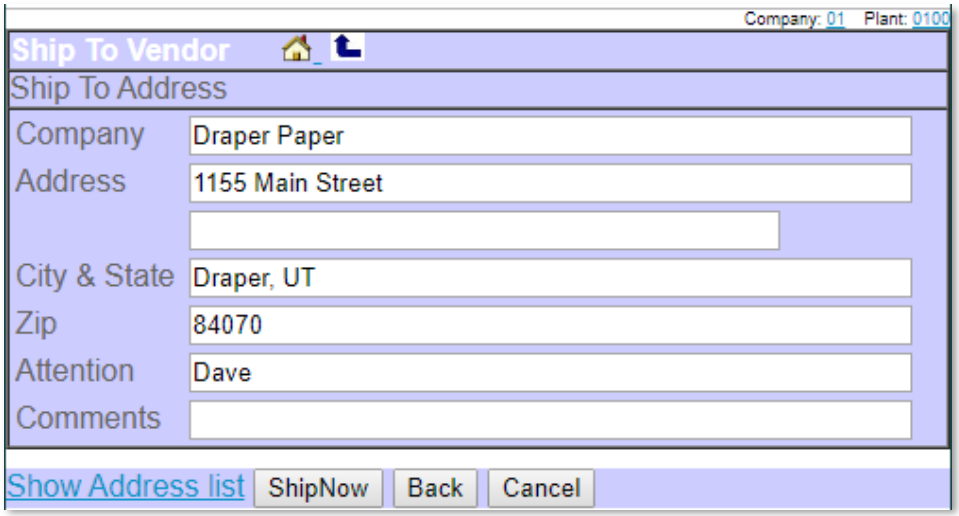
Enter the quantity you are shipping select the **Print Shipping Slip** / **Skid Ticket** check boxes and **ShipNow**.



Enter your vendor number from Master Files Vendor.



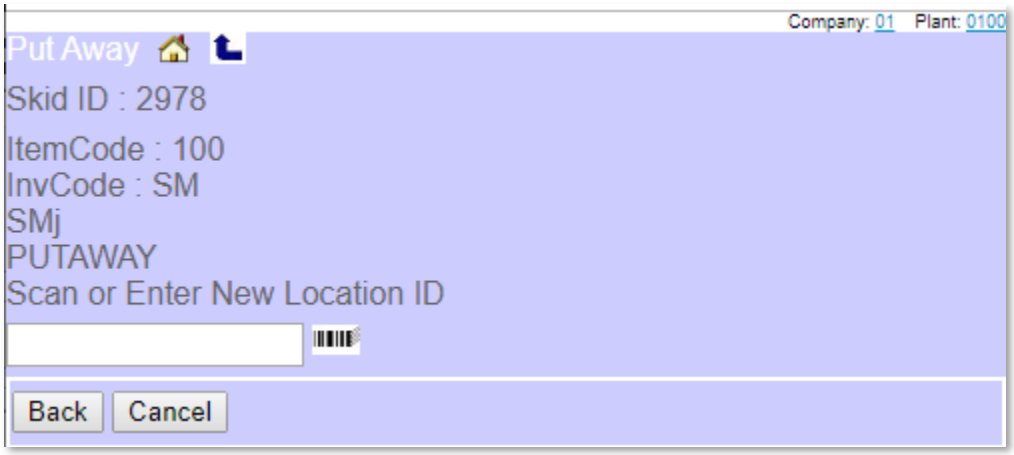
The main address for the vendor appears in the next screen, but you have the option to pick another address that is listed in the **Show Address List** drop-down. Click **ShipNow** to ship the item in the system.



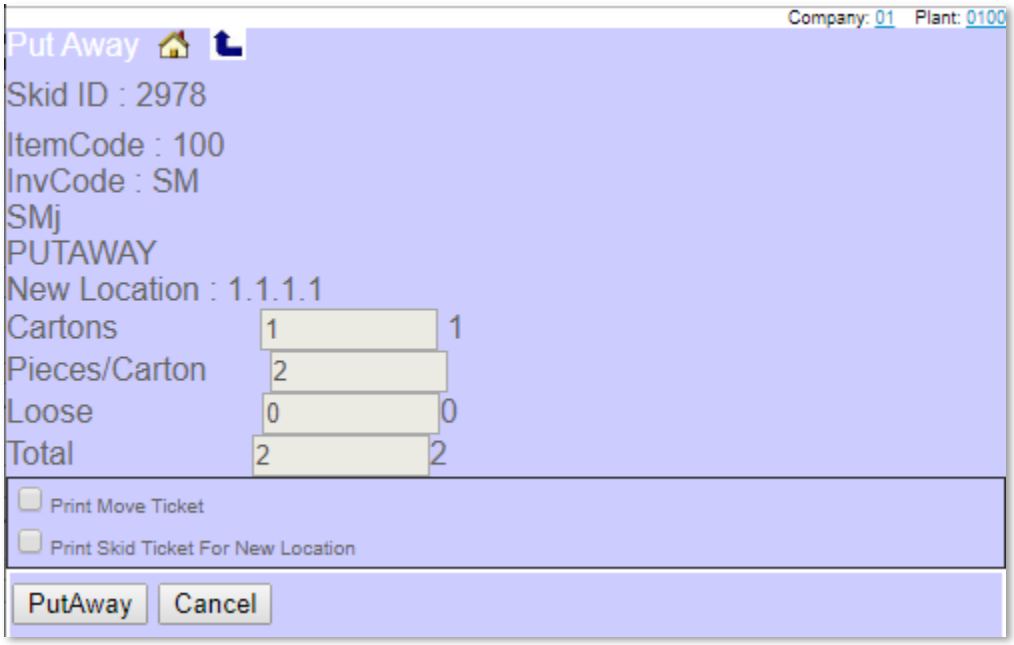
Put Away

This feature allows you to move inventory from a Put Away location to a permanent location in the warehouse. Start by entering the Skid ID of the item in the Put Away location.

At the item confirmation screen below, scan the new warehouse location.

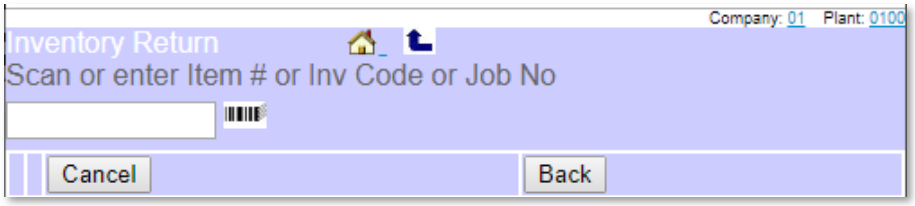


Enter the quantity of the item you are moving and check the tickets to print and click **PutAway**.

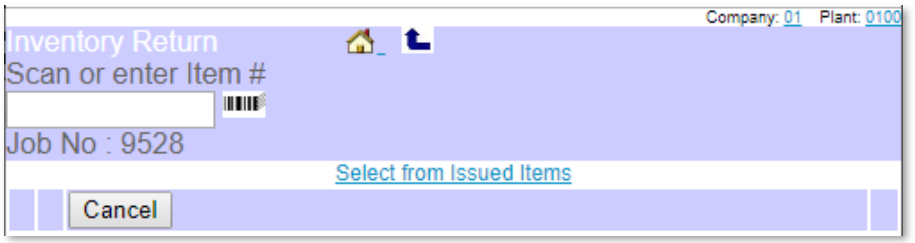


Inventory Return

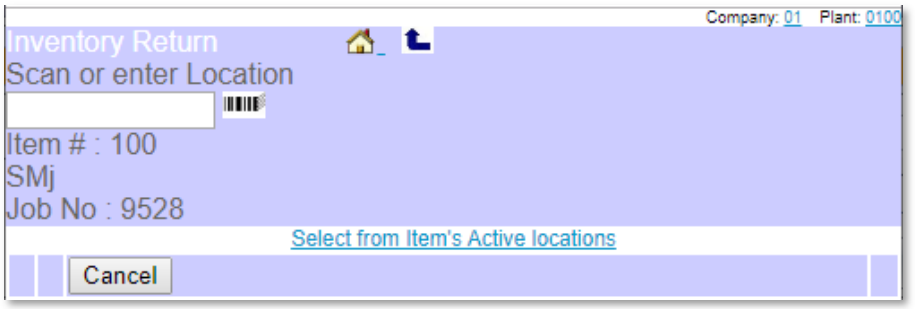
This feature allows you to return unused inventory that has been issued for a job. Scan the **Item Number**, **Inventory Code**, or **Job Number** to begin.



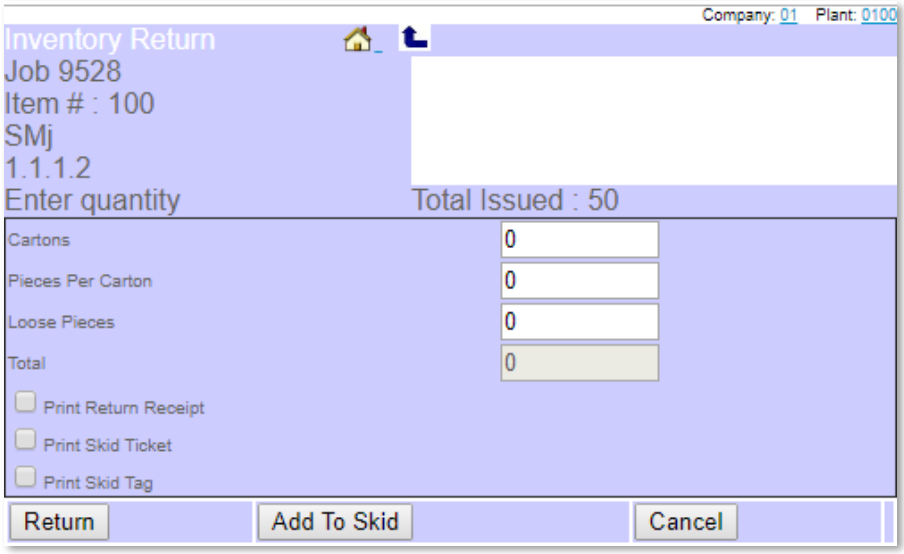
If you entered a job number then scan the item number or select from Issued Items.



Scan the location you are going to return the inventory to in the warehouse.

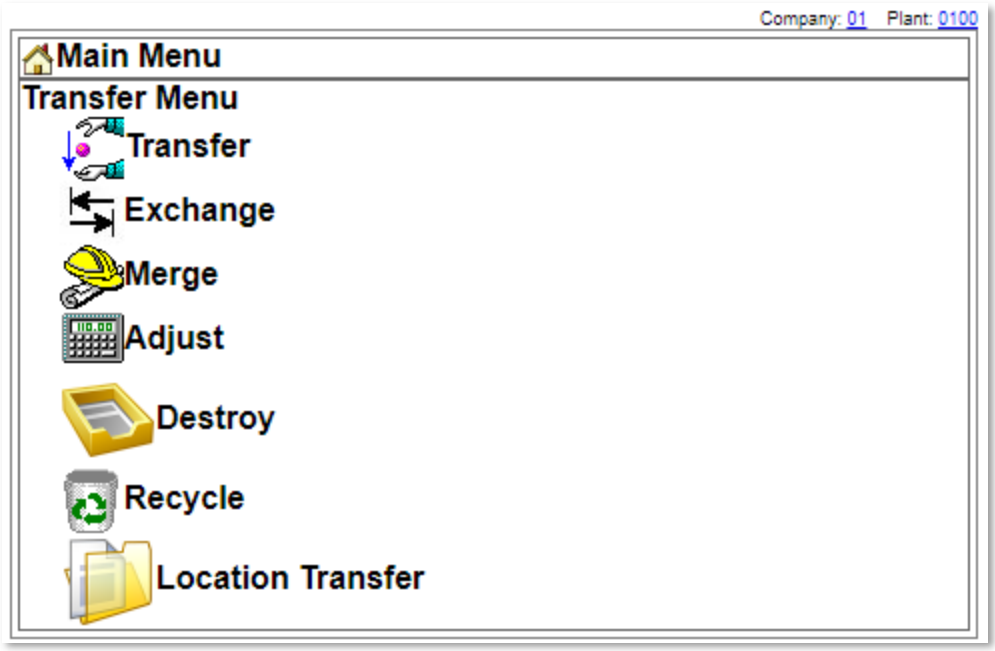


Enter the quantity you are returning and check the tickets to print and click **Return**.



Inventory Transfers

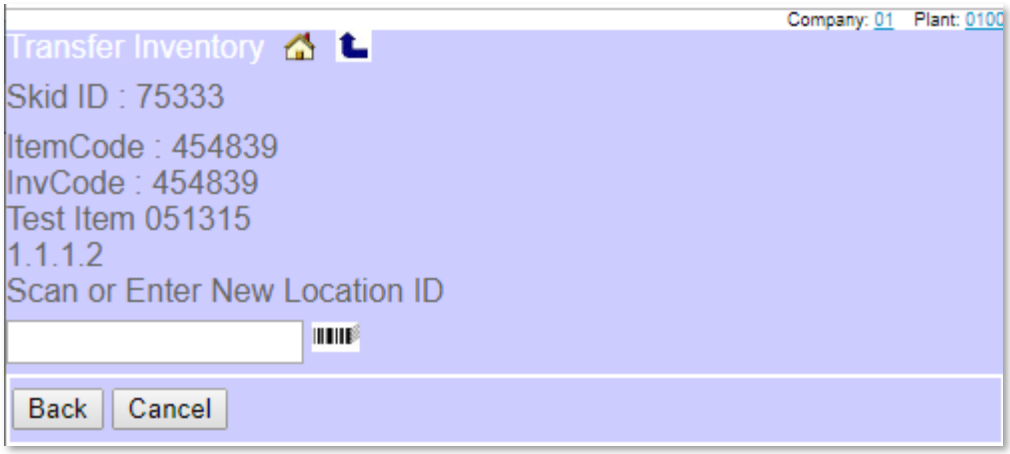
This area has seven different features available for use: **Transfers**, **Exchange**, **Merge**, **Adjust**, **Destroy**, **Recycle**, and **Location Transfer**. These all work exactly as they do in the Inventory Manager.



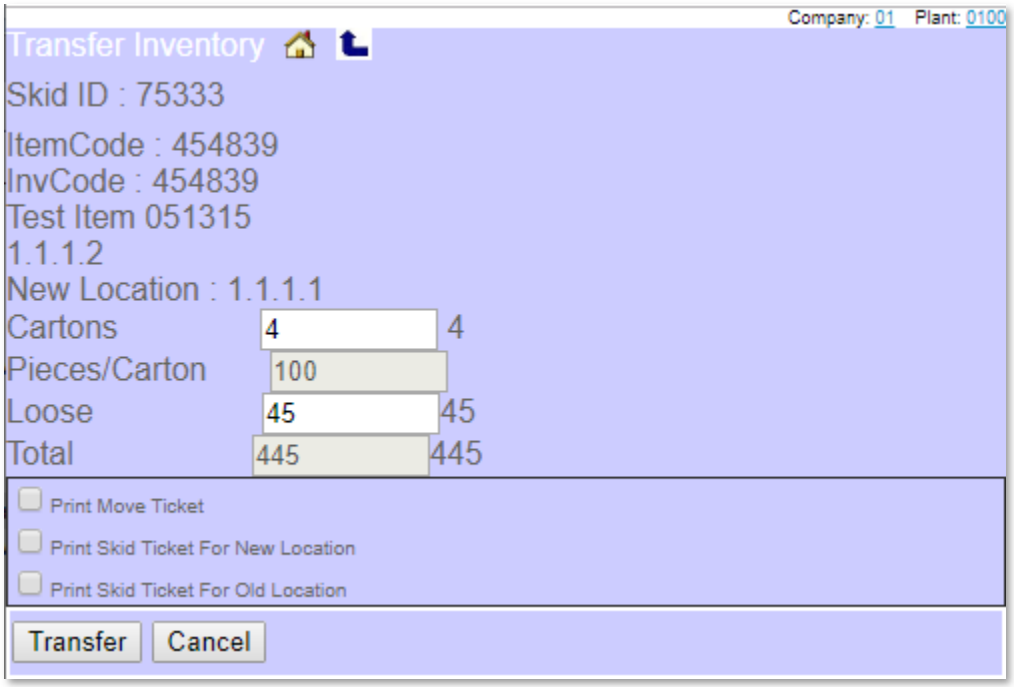
Transfer

To begin, scan the Skid ID you want to transfer.

Scan the new location where you want to place the item.



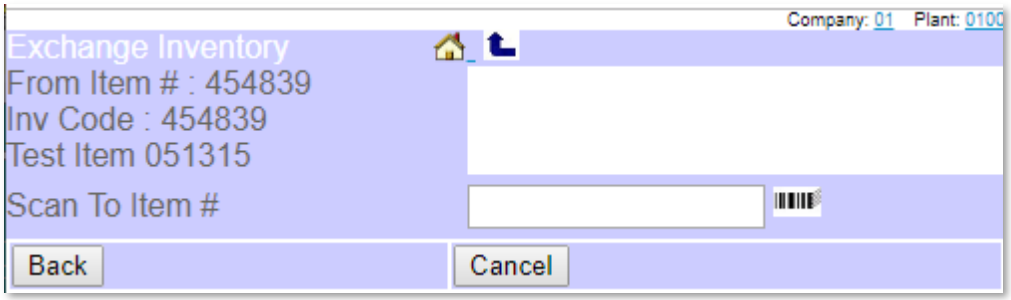
Enter the quantity you are transferring and check the tickets to print and click **Transfer**.



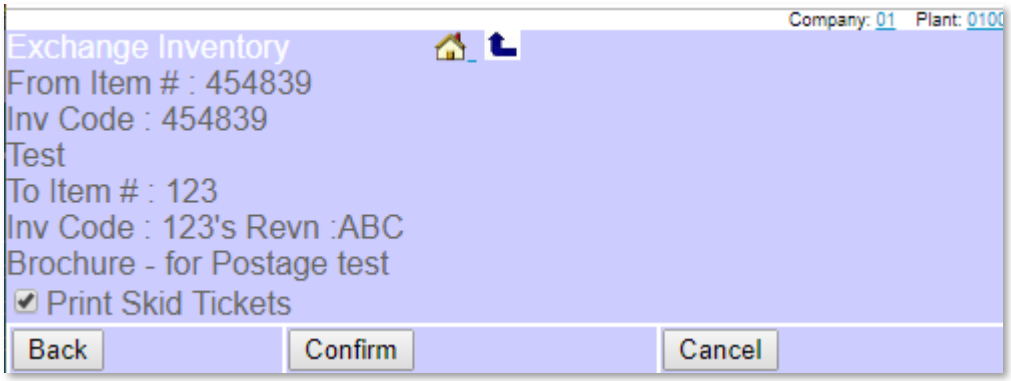
Exchange

(Not commonly used) to begin, scan the Item # or Skid ID you want to exchange.

Scan the Item # to be exchanged.

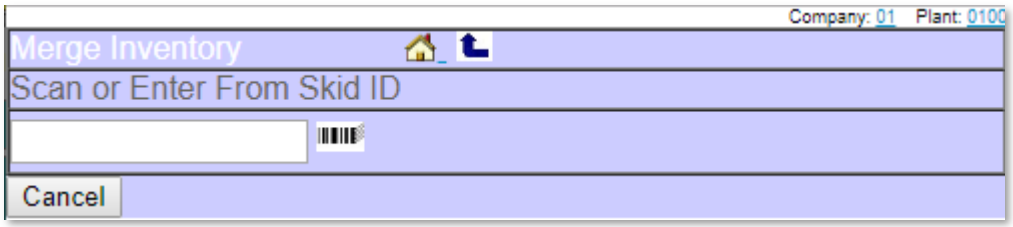


Select Confirm to complete the exchange.



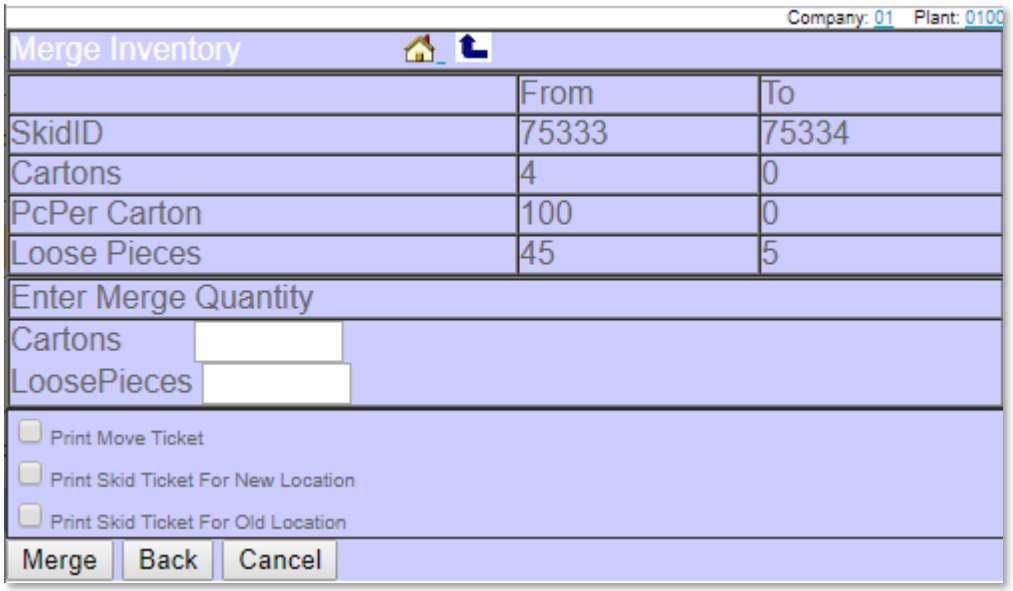
Merge

To begin, scan the Skid ID you want to merge from.



Scan the Skid ID you want to merge to.

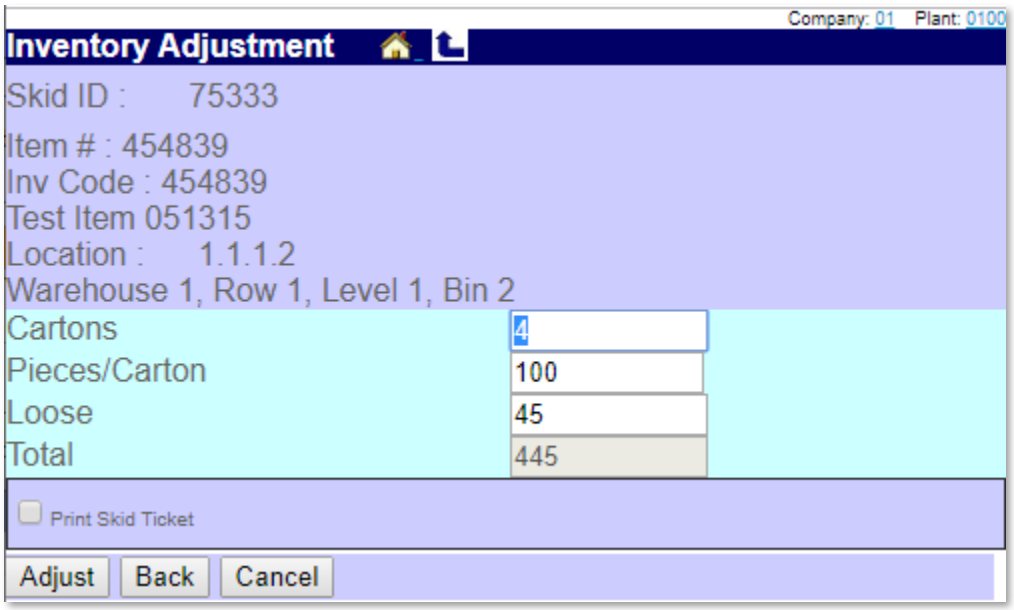
Enter Carton and/or Loose Pieces and select Merge.



Adjust

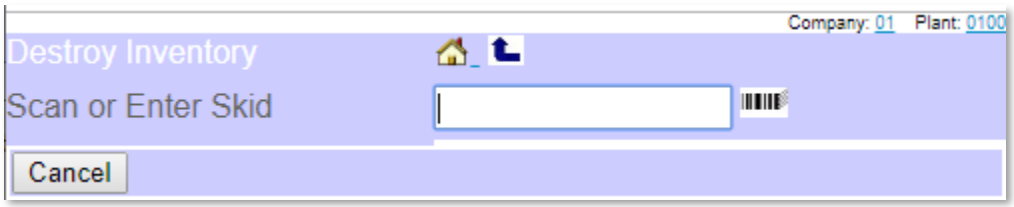
To begin, scan the Skid ID you want to adjust.

Enter Cartons, Pieces/Carton, and/or Loose, then select Adjust.



Destroy

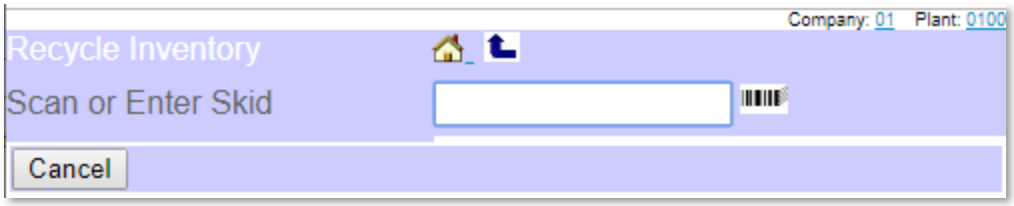
To begin, scan the Skid ID you want to destroy.



Select Confirm to destroy.

Recycle

To begin, scan the Skid ID you want to recycle.

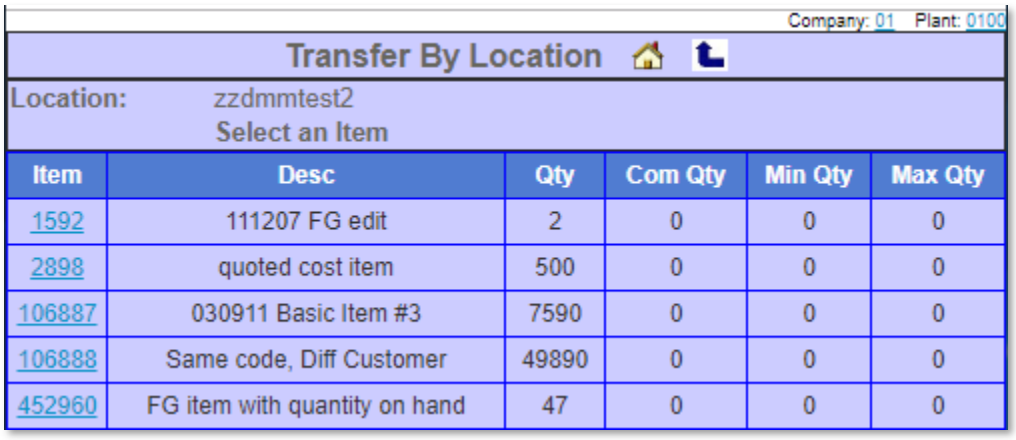


Select Confirm to recycle.

Location Transfer

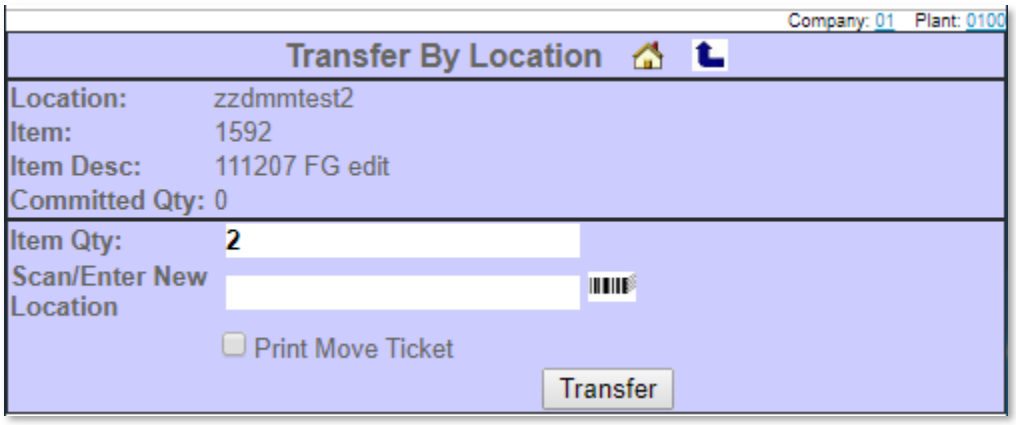
To begin, scan the Skid ID you want to recycle.

Click on the Item # hyperlink to select the item to be transferred.



Item	Desc	Qty	Com Qty	Min Qty	Max Qty
1592	111207 FG edit	2	0	0	0
2898	quoted cost item	500	0	0	0
106887	030911 Basic Item #3	7590	0	0	0
106888	Same code, Diff Customer	49890	0	0	0
452960	FG item with quantity on hand	47	0	0	0

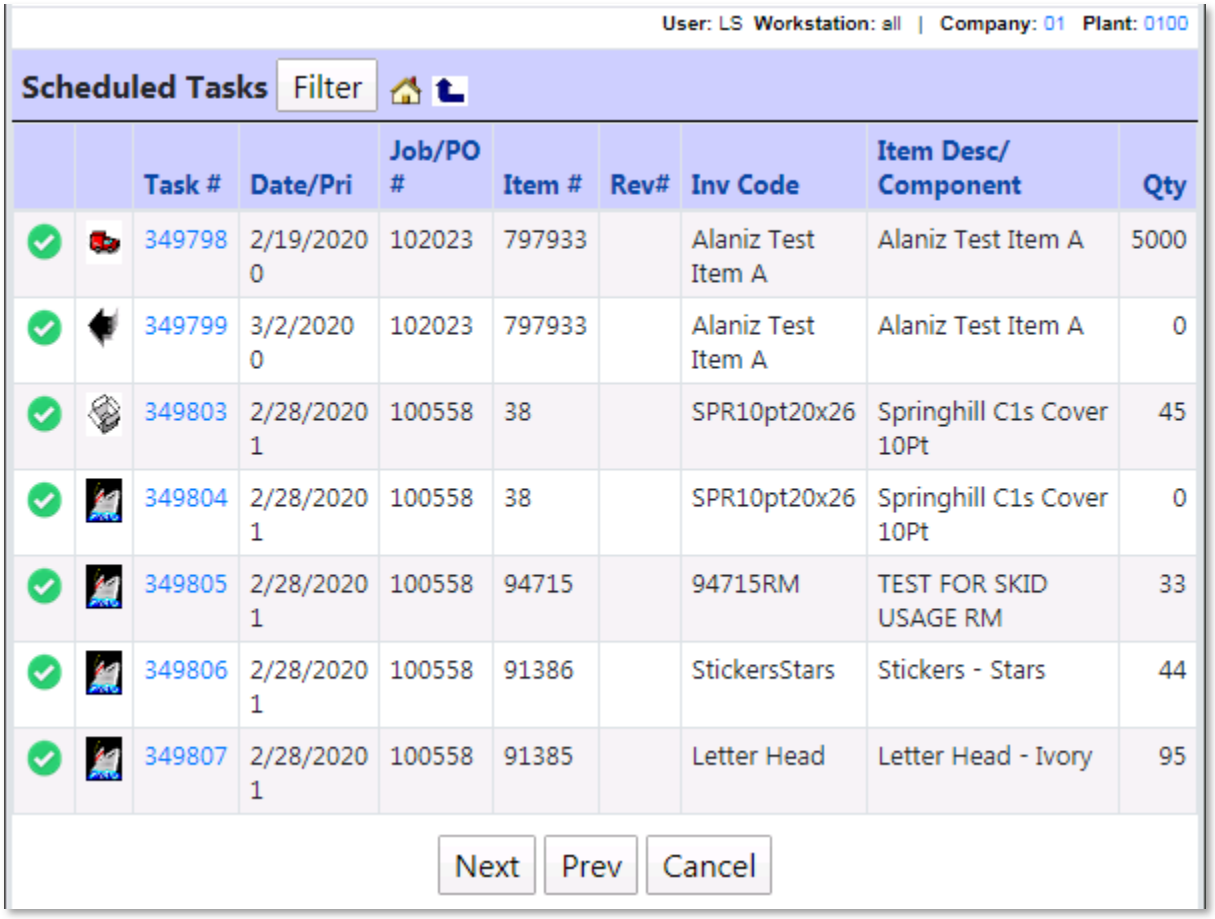
Scan new location and select Transfer.



Scheduled Tasks

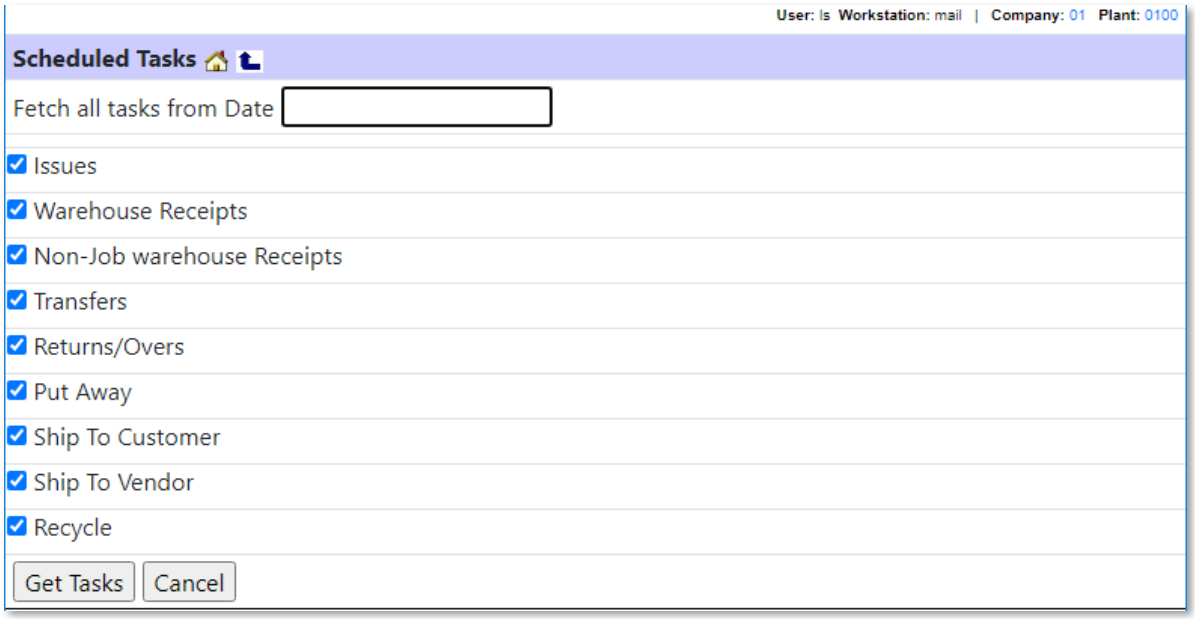
This works very similar to scheduled tasks in Inventory Manager. You can work with it as it is when it opens, or you can use the **Filter** button and filter by the options and a date range below to focus your work.

Click on the hyperlink Task # to open that task.



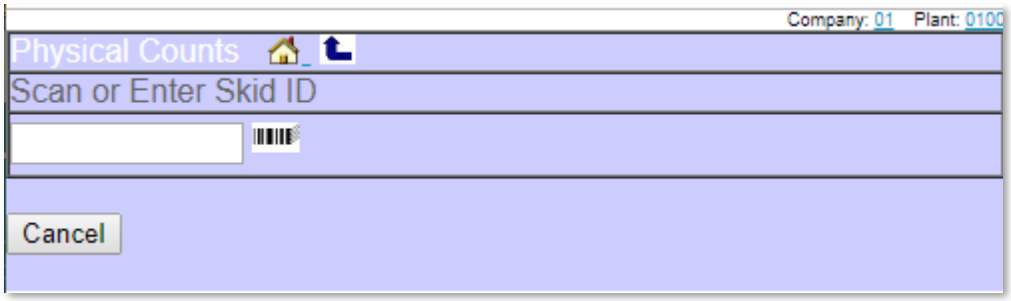
		Task #	Date/Pri	Job/PO #	Item #	Rev#	Inv Code	Item Desc/ Component	Qty
		349798	2/19/2020 0	102023	797933		Alaniz Test Item A	Alaniz Test Item A	5000
		349799	3/2/2020 0	102023	797933		Alaniz Test Item A	Alaniz Test Item A	0
		349803	2/28/2020 1	100558	38		SPR10pt20x26	Springhill C1s Cover 10Pt	45
		349804	2/28/2020 1	100558	38		SPR10pt20x26	Springhill C1s Cover 10Pt	0
		349805	2/28/2020 1	100558	94715		94715RM	TEST FOR SKID USAGE RM	33
		349806	2/28/2020 1	100558	91386		StickersStars	Stickers - Stars	44
		349807	2/28/2020 1	100558	91385		Letter Head	Letter Head - Ivory	95

When selected use the **Filter** button to set date range and task types. The system by default have all tasks selected. The user can modify and unselect flags and the system will save the change to the filter for the user.

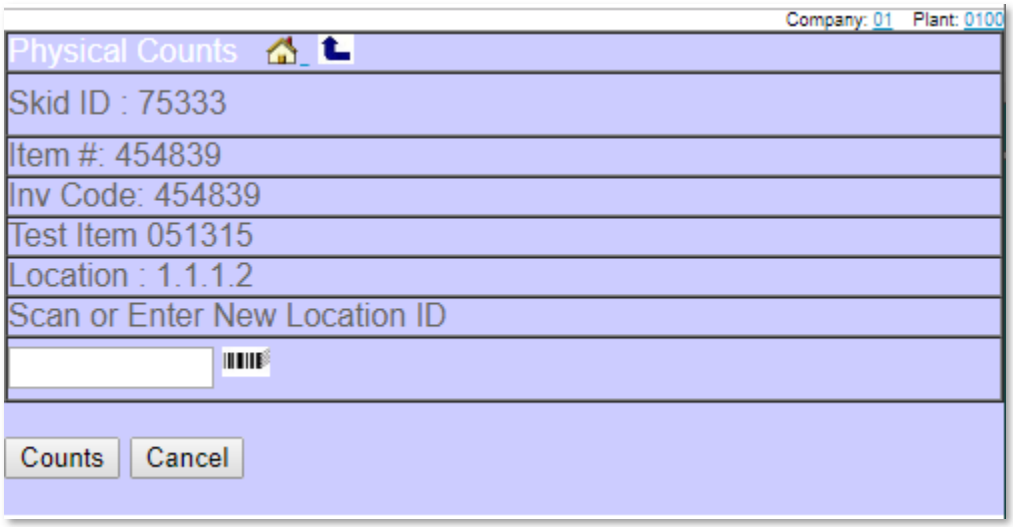


Physical Counts

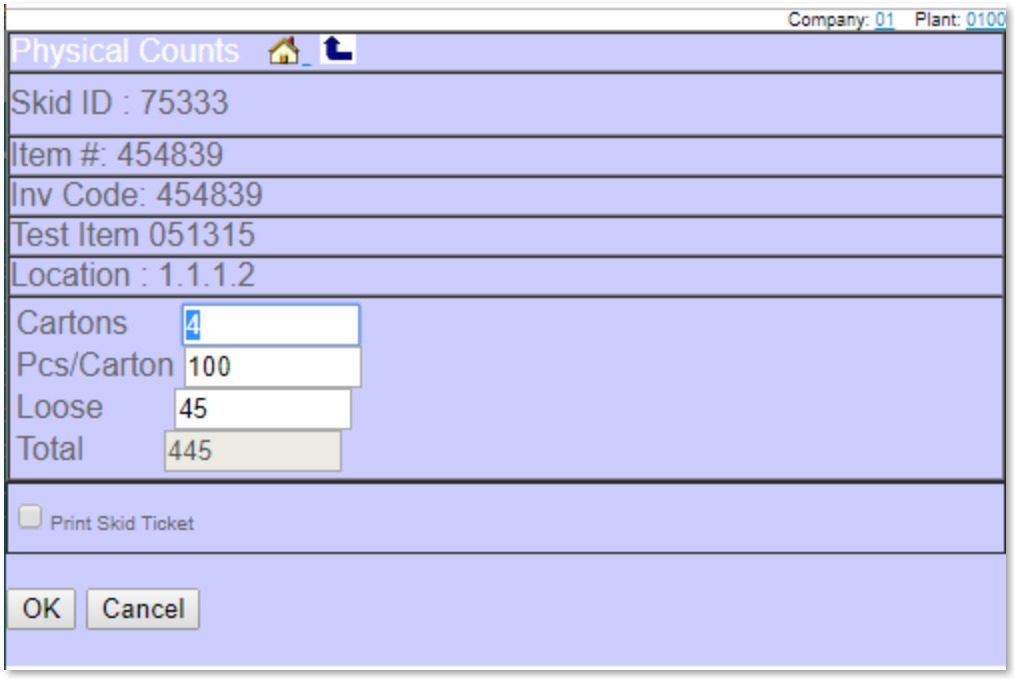
Unlike physical counts in Inventory, in the wireless environment you can only count one item at a time. It is a single count/adjustment. To start, scan the **Skid ID**.



Scan the **New Location** for the adjustment if needed or select the Counts button to edit quantities.

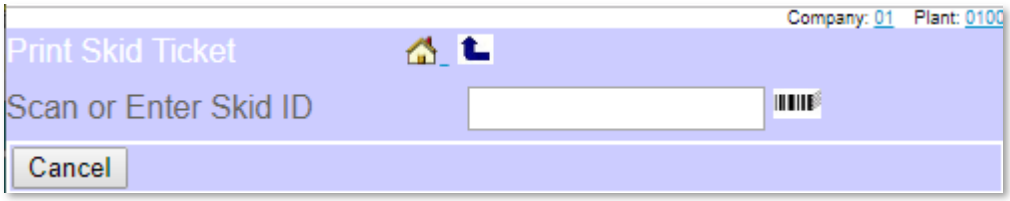


Enter the new counts for the adjustment check Print Skid Ticket and select **OK**.



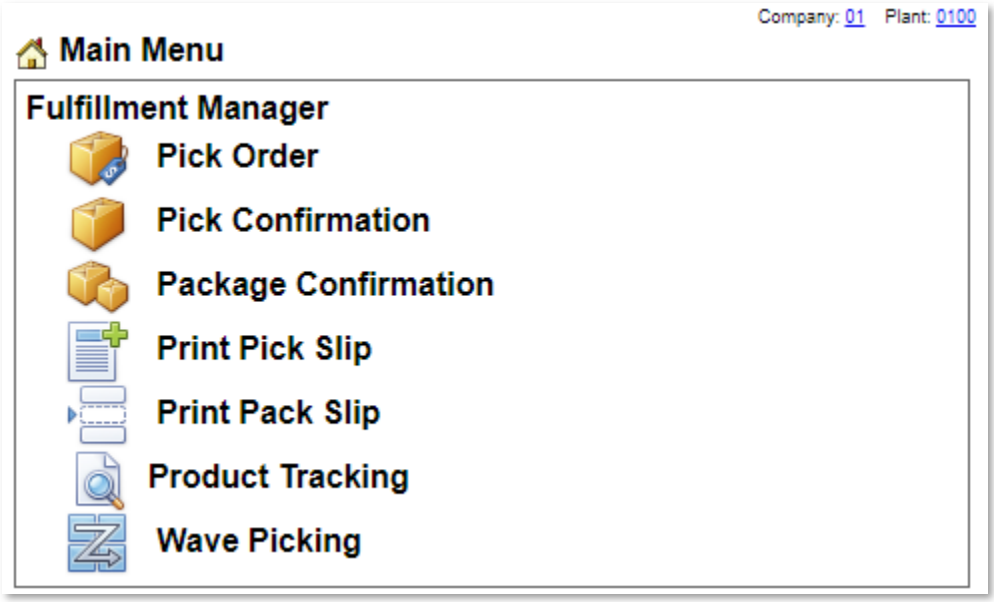
Print Skid Ticket

Occasionally, a Skid Ticket gets damaged in the warehouse and must be reprinted. This option allows you to do so when you see them in the warehouse. Just enter the **Skid ID** and click the **Print** icon.



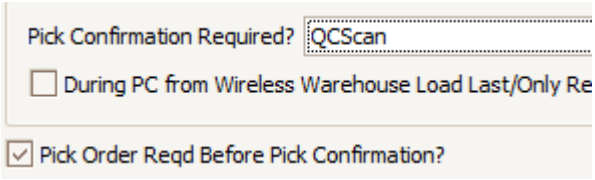
Fulfillment

The options you have in this feature are **Pick Order**, **Pick Confirmation, Package Confirmation, Print Pick Slip**, **Print Pack Slip, Product Tracking,** and **Wave Picking**.

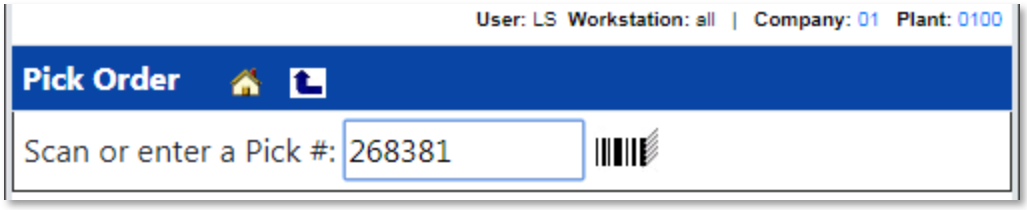


Pick Order

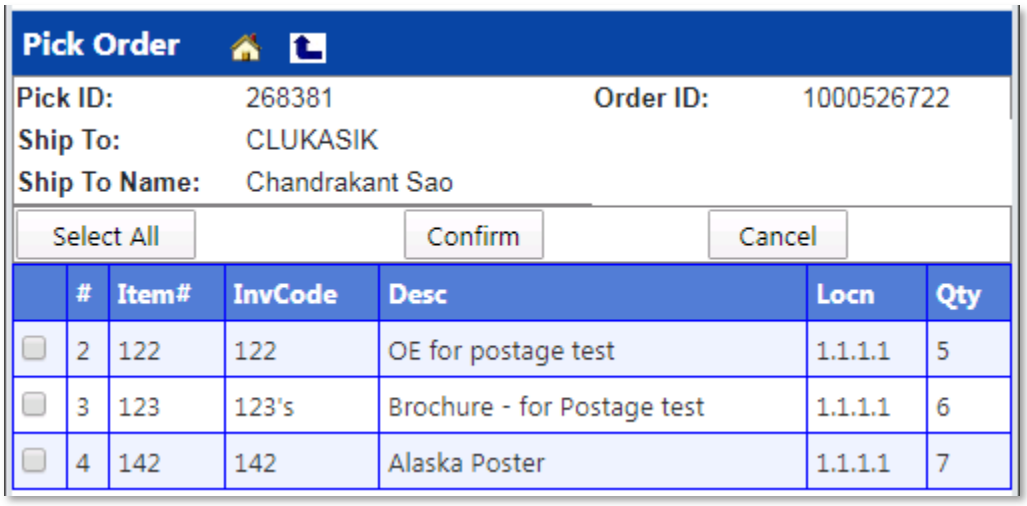
If Pick Order required before Pick Confirmation is checked at the Project > Inventory Preference screen.



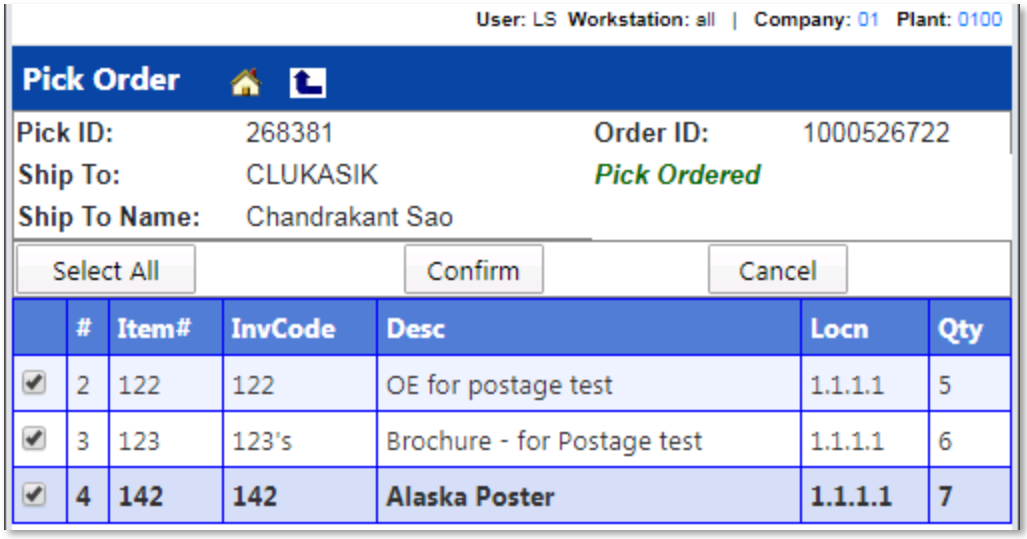
Scan Pick ID.



Select Item(s) to Pick and **Confirm**.

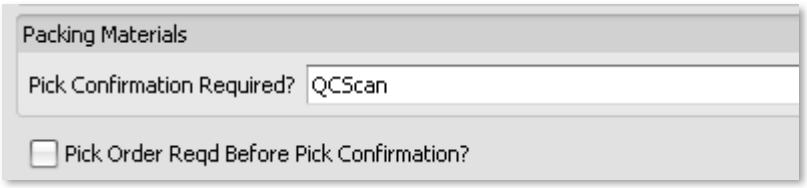


Once confirmed the screen shows **Pick Ordered** in green.

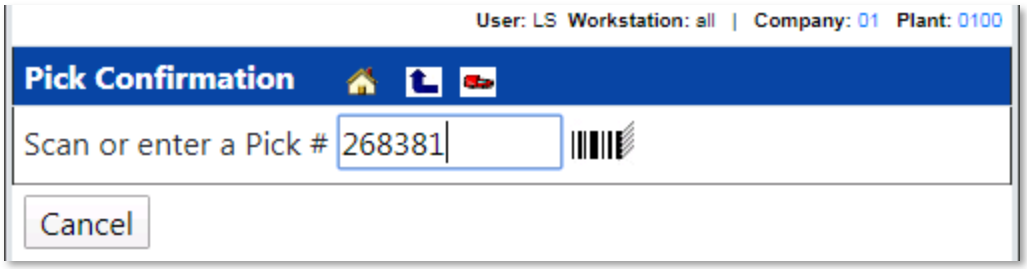


Pick Confirmation

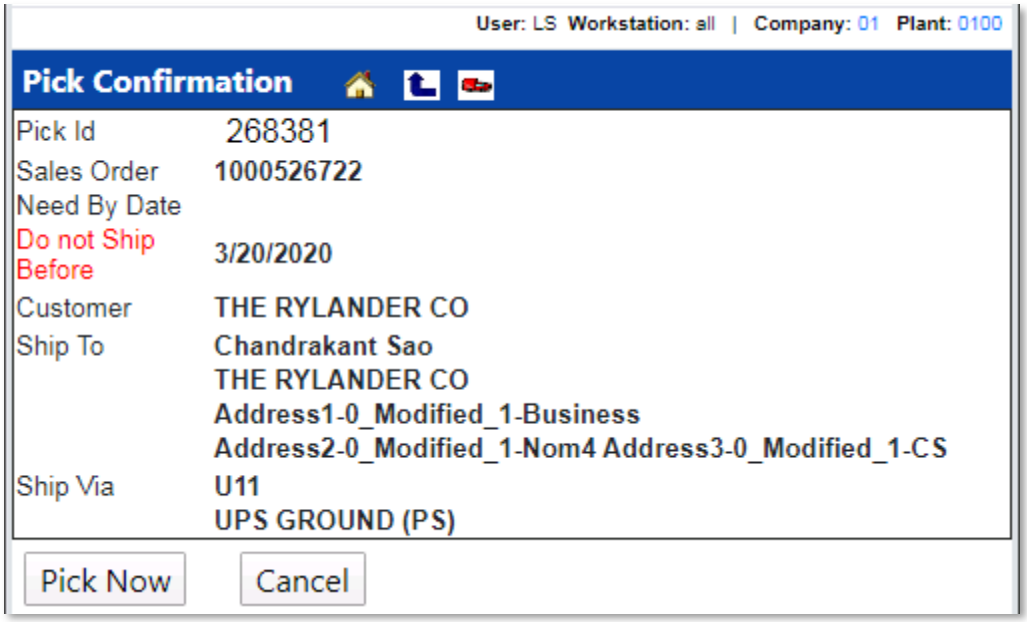
If Pick Confirmation QC Scan is set in the Project > Inventory Preference screen . . .



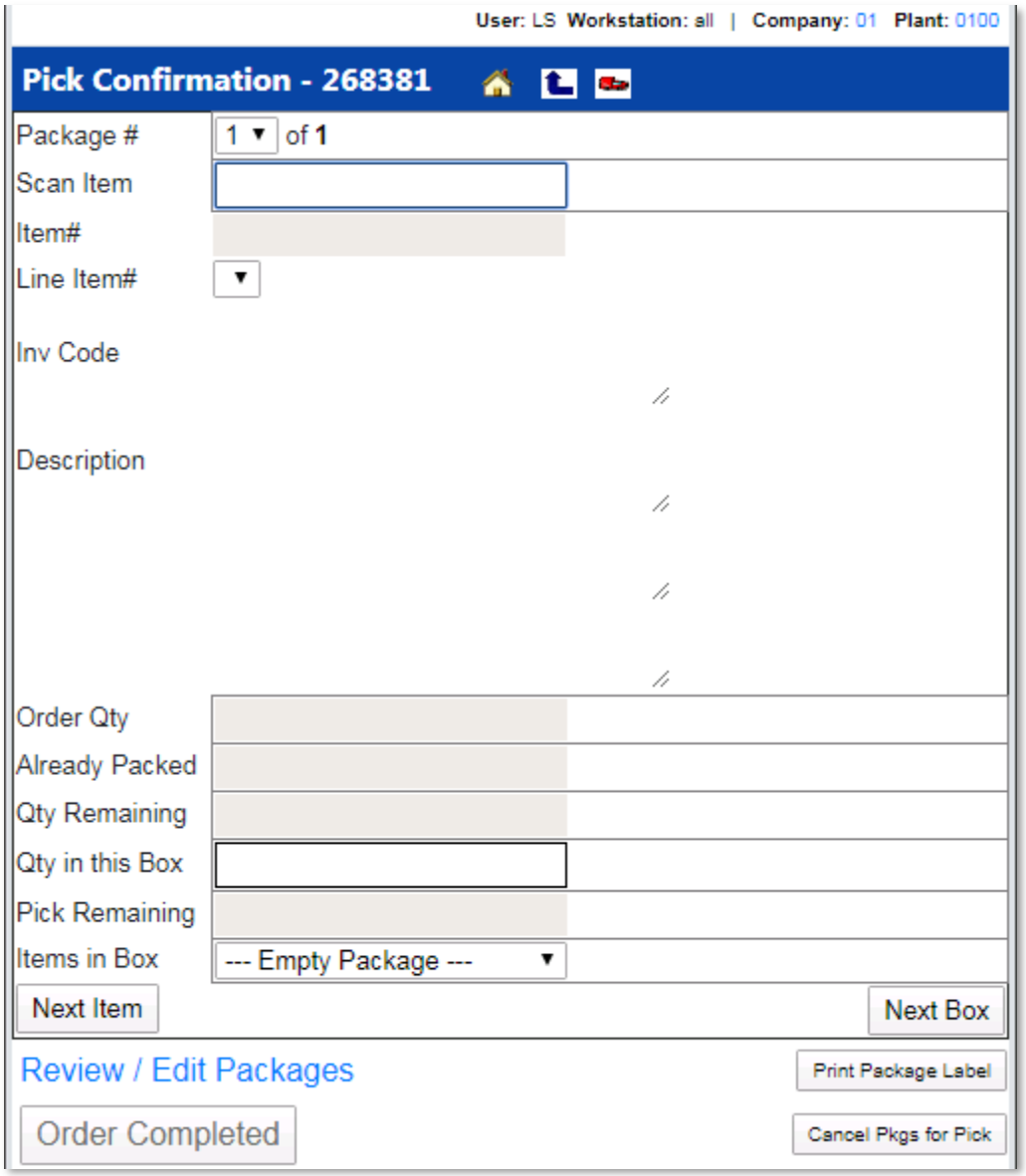
Scan the Pick Slip barcode.



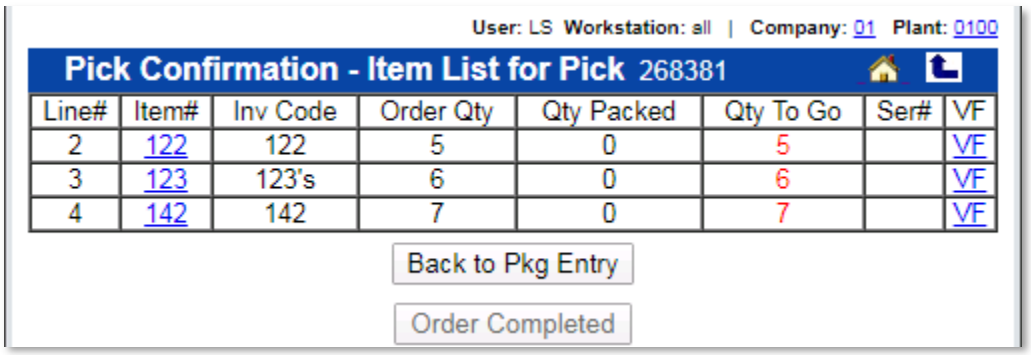
Review the details in this screen and select **Pick Now**.



Scan the **Item Number** barcode, or . . .

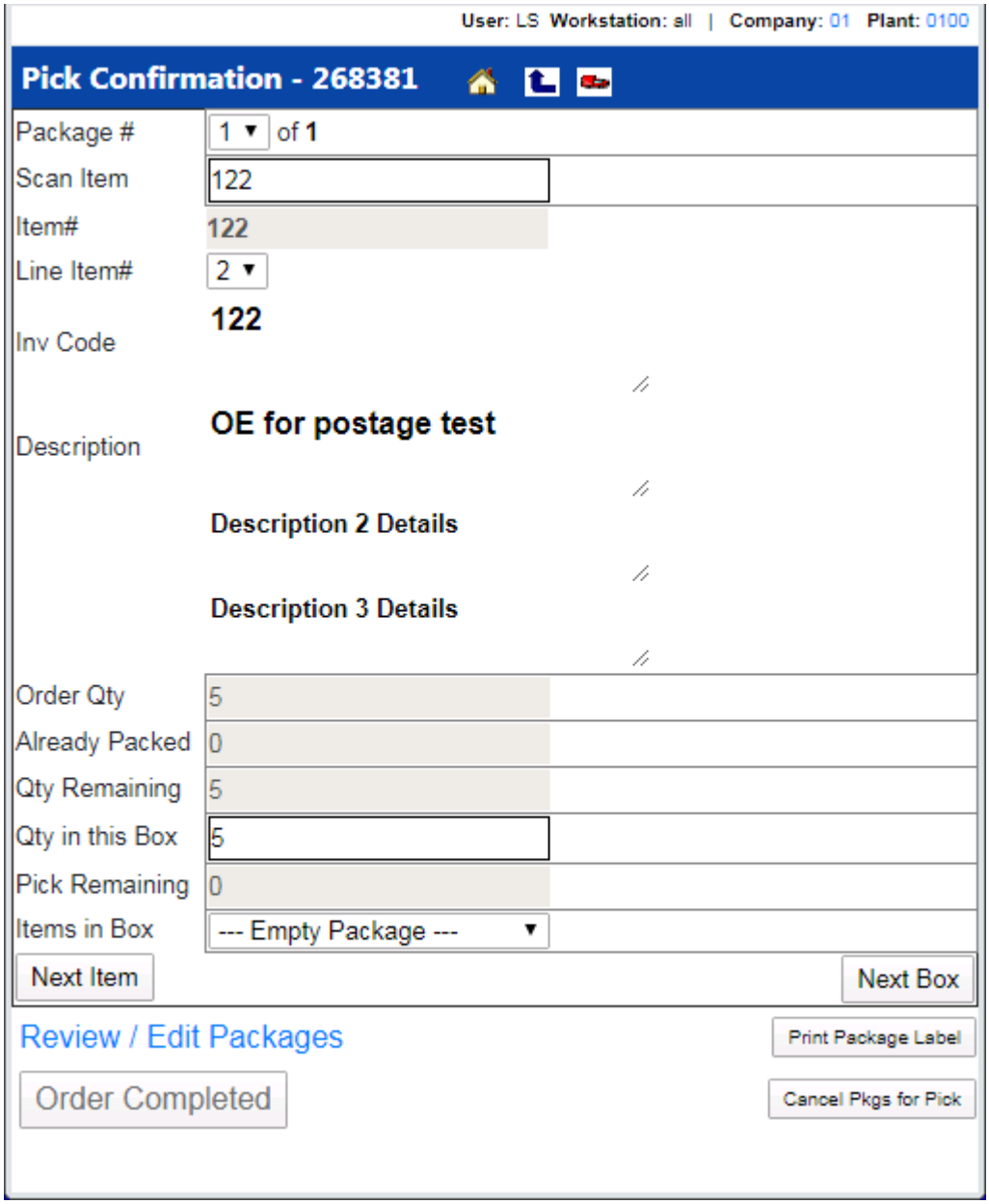


Select **Review/Edit Packages** to see a list of items. Select **Back to Pkg Entry** to return to the previous screen.



Line#	Item#	Inv Code	Order Qty	Qty Packed	Qty To Go	Ser#	VF
2	122	122	5	0	5		VF
3	123	123's	6	0	6		VF
4	142	142	7	0	7		VF

Scan the **Item Number** barcode, enter a **Qty in this Box**, then select **Next Item** if adding more items to this box or **Next Box** if packing additional boxes.

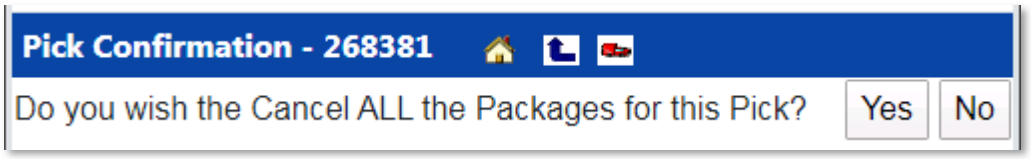


If you make a mistake or need to make changes to this screen, select **Cancel Pkgs for Pick** to start over.

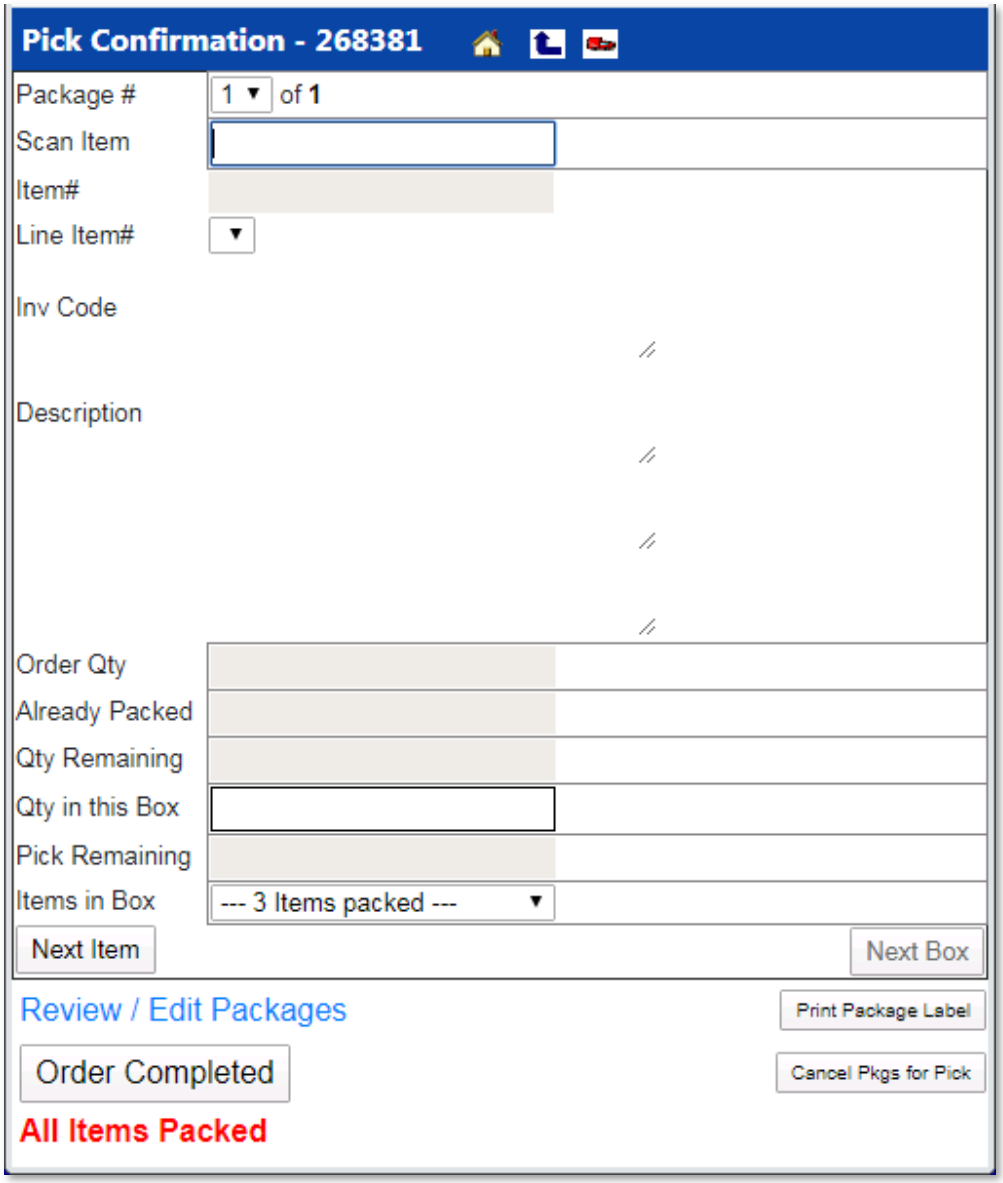
When all items and boxes have been packed select **Order Complete**.

Note: The Wireless Warehouse Pick Confirmation does not enable the 'Order Completed' button until all items and quantities are fully assigned to packages. Previously, the entire Pick Confirmation was canceled when the user exited the program after making only partial package assignments. This has now been changed so that any packages saved will be retained and the user can re-enter the Pick Id and resume from the next package.

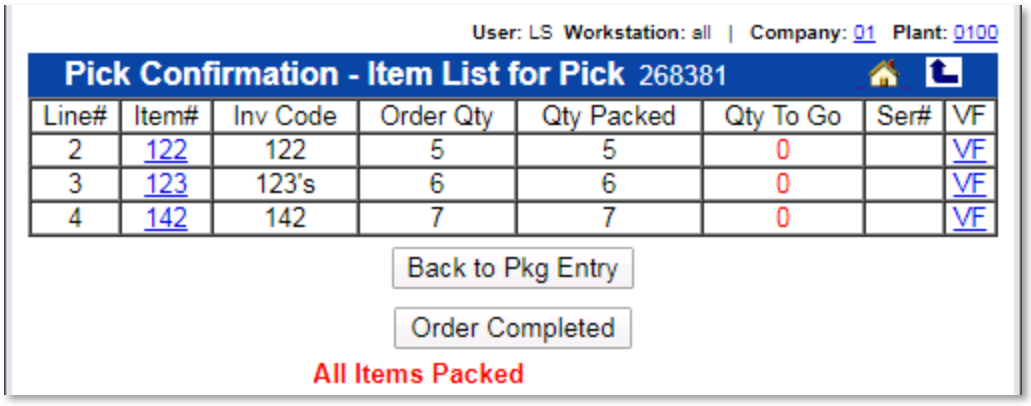
A new button ('Cancel Pkgs for Pick') has been added to the Wireless Warehouse Pick Confirmation item/count entry screen. This is intended for use before the pick confirmation processes have been saved, and there is a desire to clear packages already entered and start over - e.g. when the packer realizes that the previously packed boxes were logged incorrectly and wishes to start anew. Clicking this button will allow the user to clear previous entries and start back at the first package again. There is a warning message generated that requires the user to confirm they truly wish to delete the previously entered packages and start again. Prior to this enhancement, the user would need to complete entering packages, save the pick confirm and then cancel the pick and re-enter.



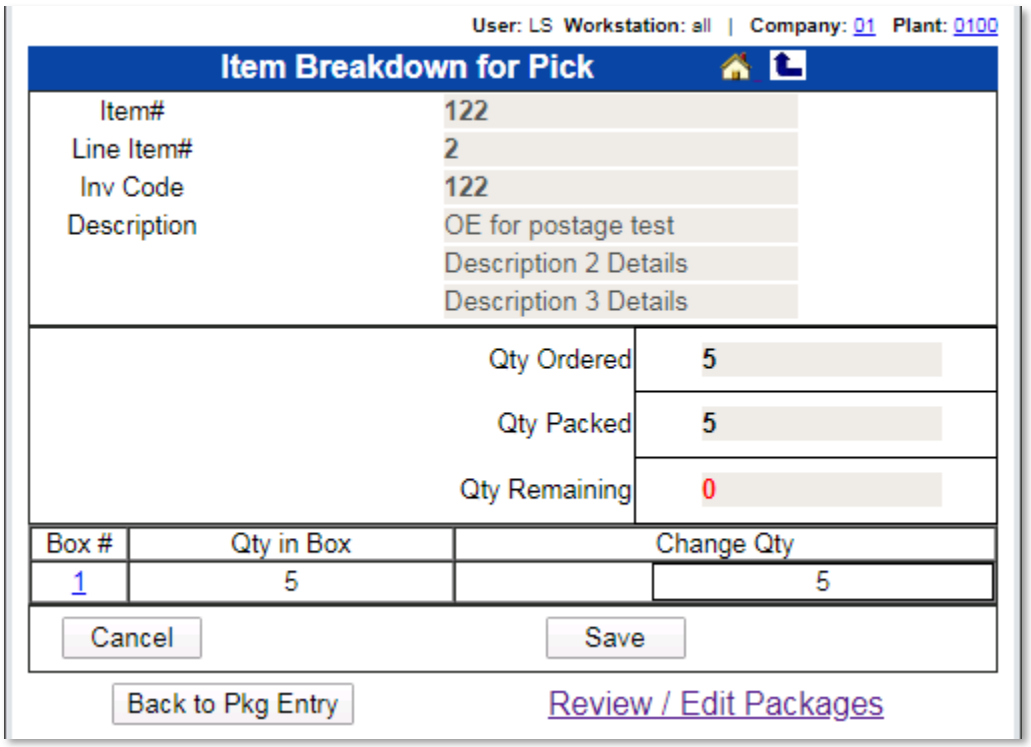
When order is completed this screen displays **All Items Packed** in Red.



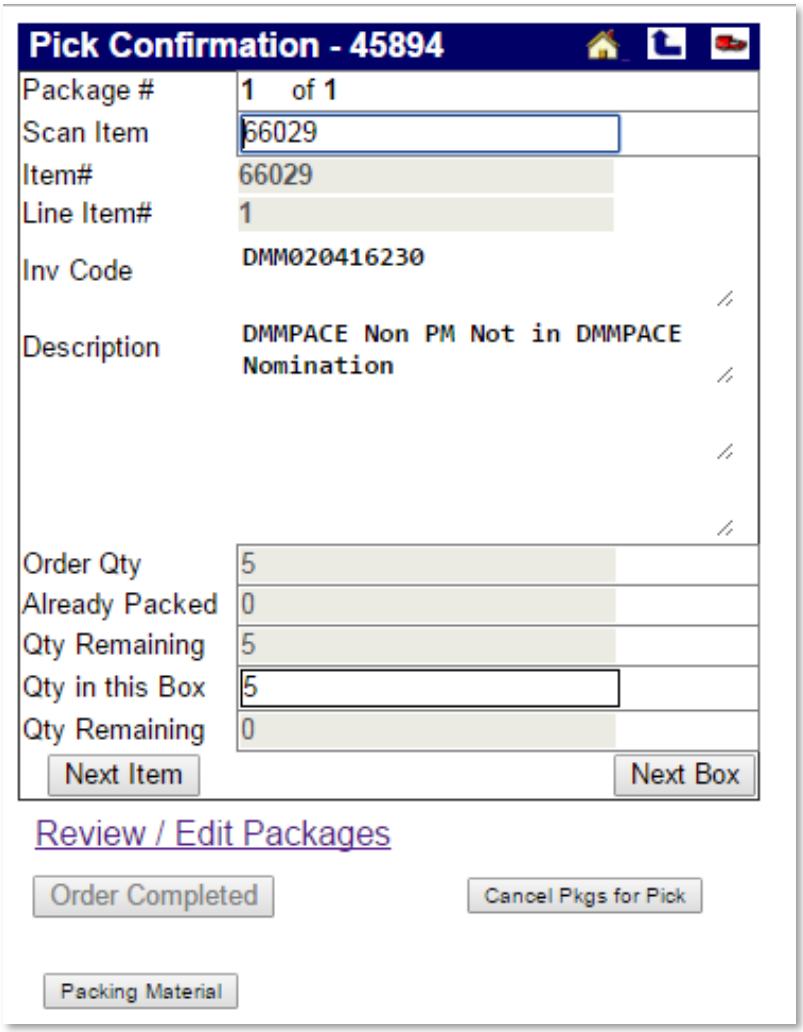
You can select **Review/Edit Packages** to see this screen below. Select **Back to Pkg Entry** to return to the previous screen.

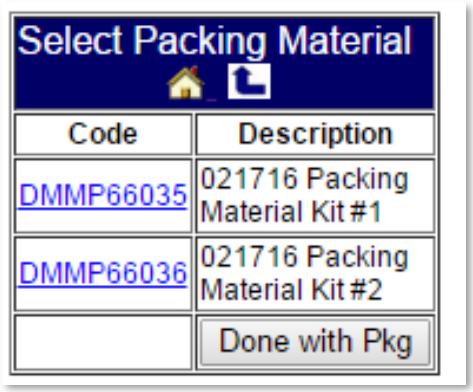


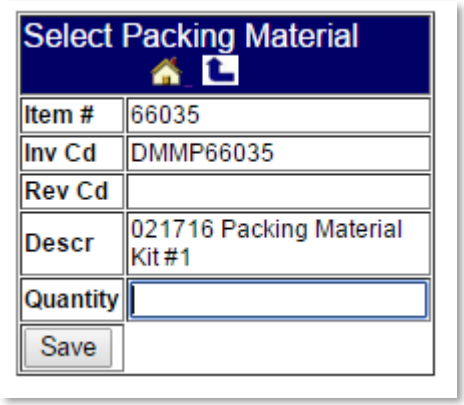
If you select an Item to review from the screen above. You will see this screen. Select **Back to Pkg Entry** to return to the previous screen.



A 'Packing Material' button has been added to the Wireless Warehouse Pick Confirmation screen (the Package Counts entry screen). This allows display and entry of packing materials, which generate audit trail records upon saving (even before the pick confirmation is completed).







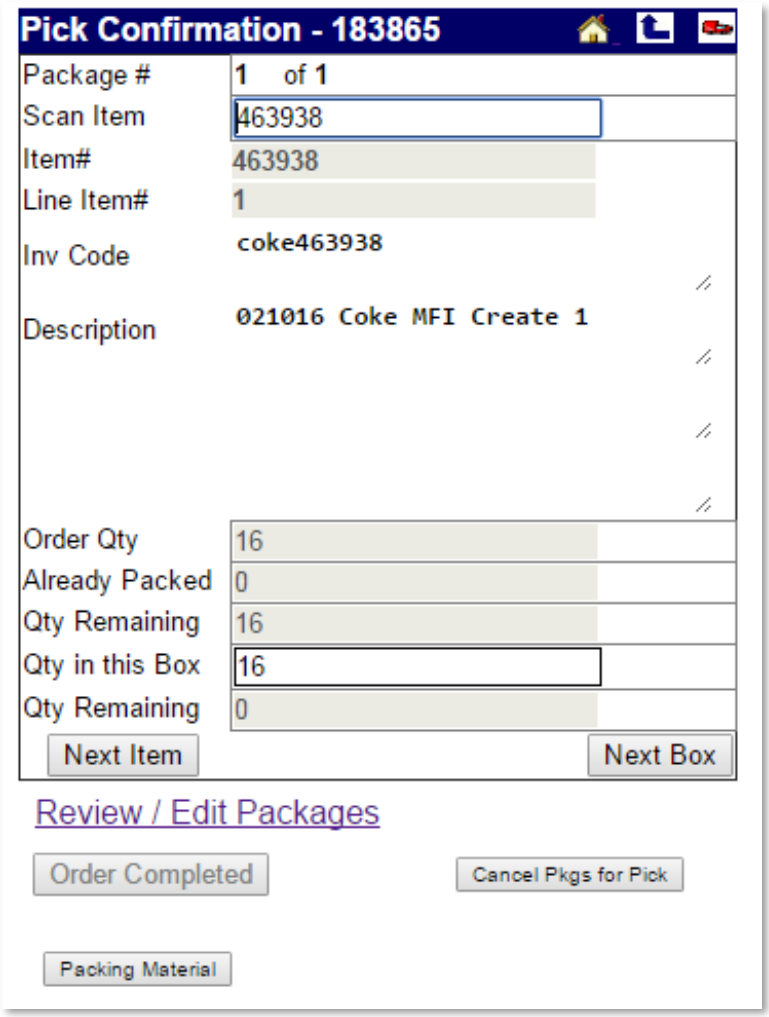
Pick Confirmation - Adjust 'Packing Material' Process to Match New Programming in Back End Fulfillment

The process of entering Packing Materials in the Wireless Pick Confirmation has been improved. It now parallels the process in the backend Fulfillment Pick Confirmation (with some minor differences.

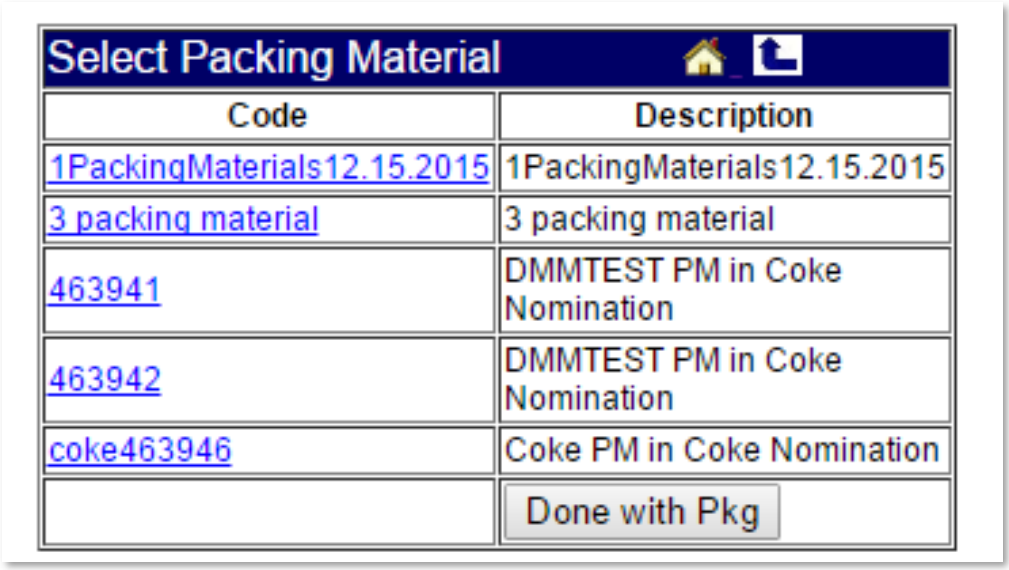
The basic changes from previous functioning are:

1. The list of items in the 'Packing Material' list now displays any item in the nomination with the Master File Inventory option 'Can Be Used as Packing Material' checked. Previously it only displayed items for that customer defined a Packing Material kits in the Fulfillment Kit BOM Maintenance
    a. This allows items **not** linked to the customer to be available as packing materials. Many items such as cartons, padding, etc are house items and not linked to the customer.
2. It also allows an inventory item to be assigned to a specific project as packing material. So an item can now be available as a packing material in one project and not be available for another project of the same customer.

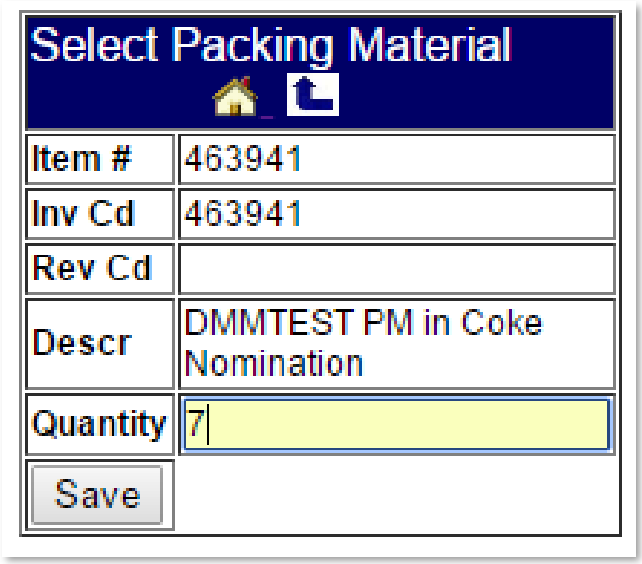
The Wireless Pick Confirmation has a 'Packing Material' button for orders from appropriately defined projects



Clicking the 'Packing Material' button opens a screen with all packing materials defined for that project

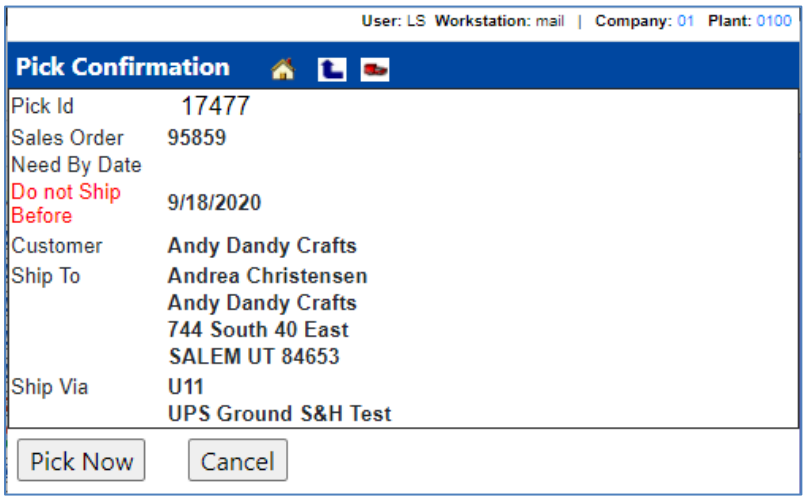


Selecting an item (or items) allows entry of packing materials during this Pick Confirmation.

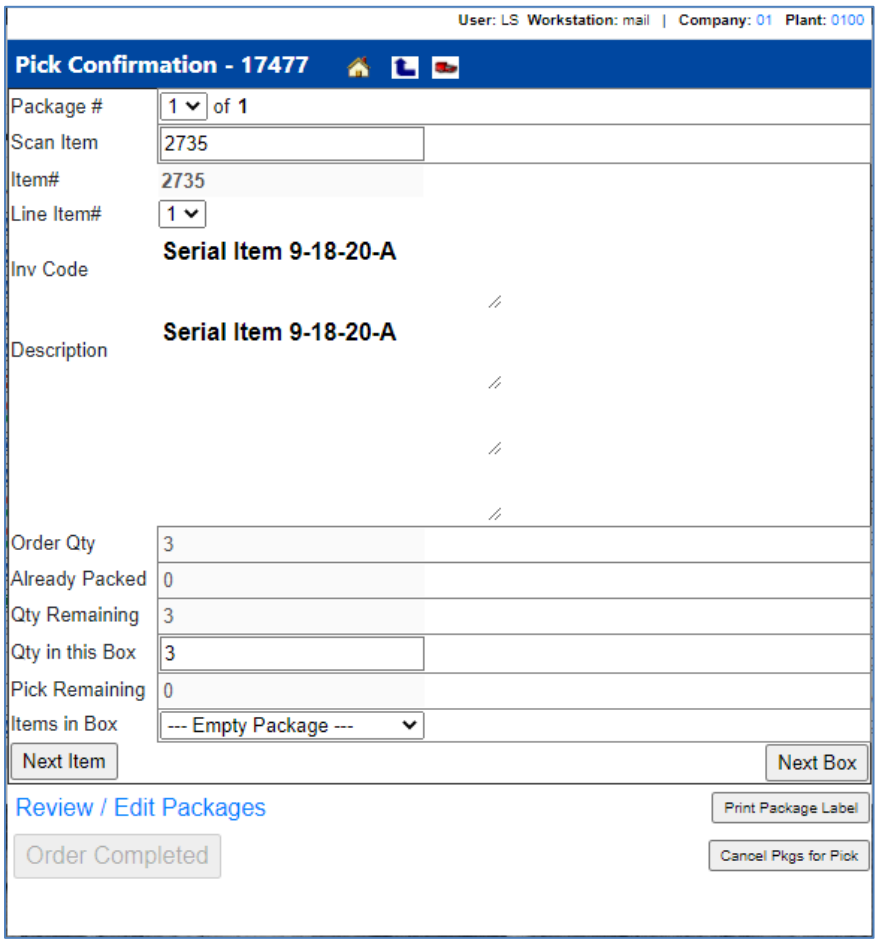


Pick Confirmation to work with Master File Inventory Serial Numbers

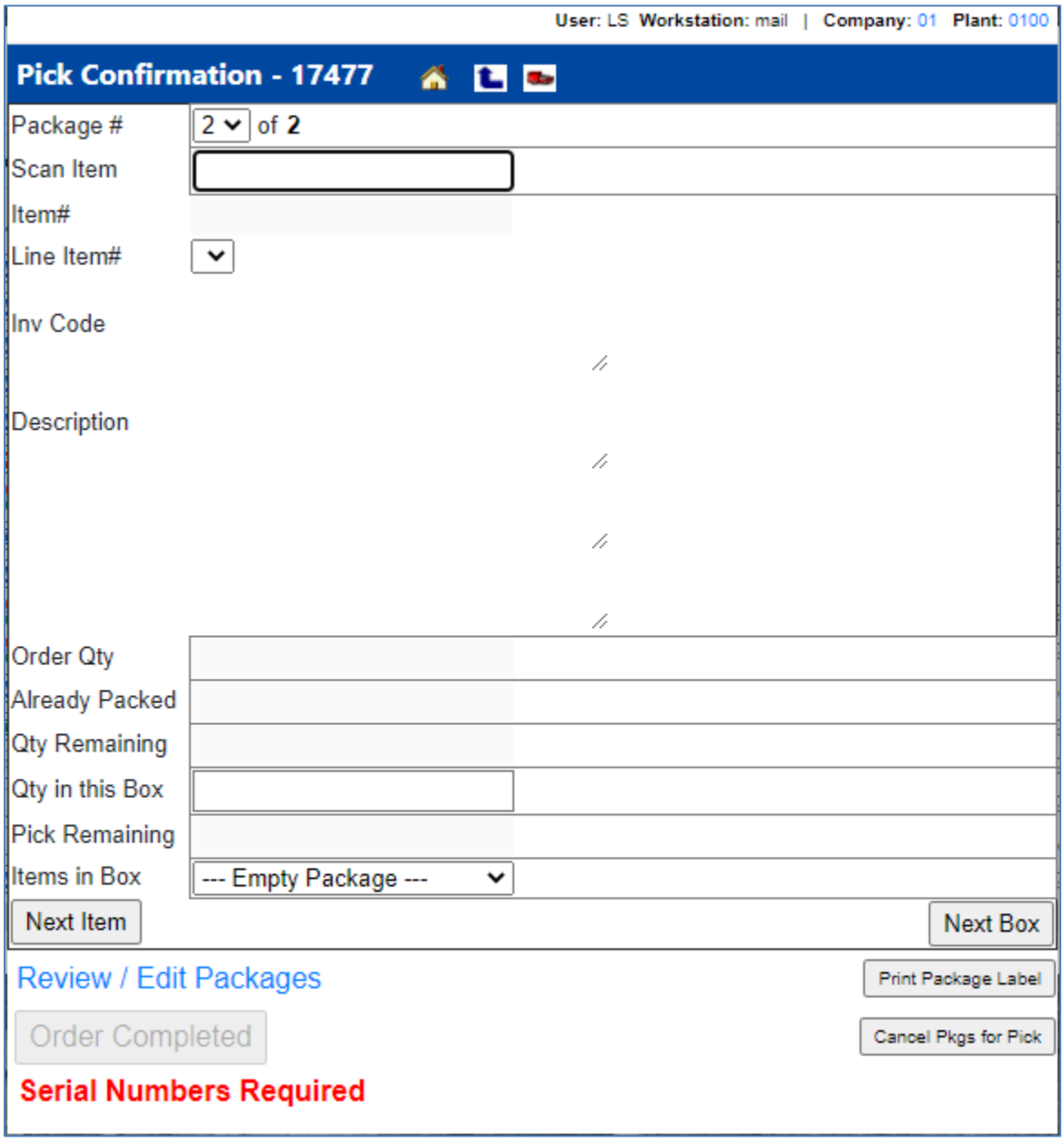
Items with previously assigned serial numbers in Master File Inventory (“MFI Serialization” items) can be linked to pieces of an appropriately defined item in the Wireless Warehouse Pick Confirmation ‘Review/Edit Packages’ screen. Select Pick Confirmation, then enter Pick ID, select **Pick Now** . . .



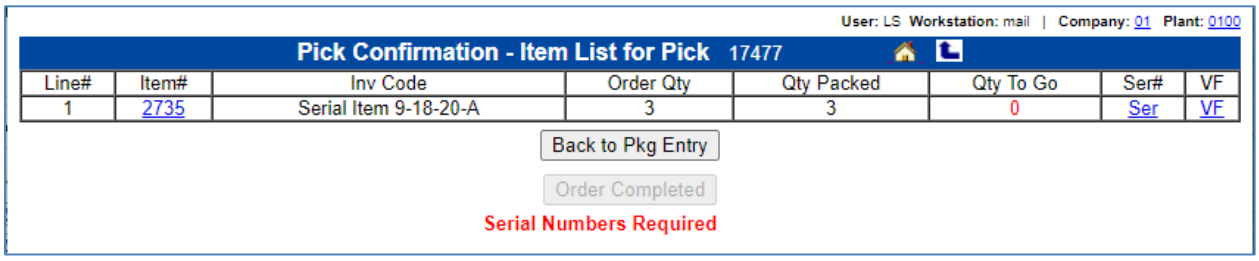
Enter all appropriate details for the package and select **Next Box** . . .



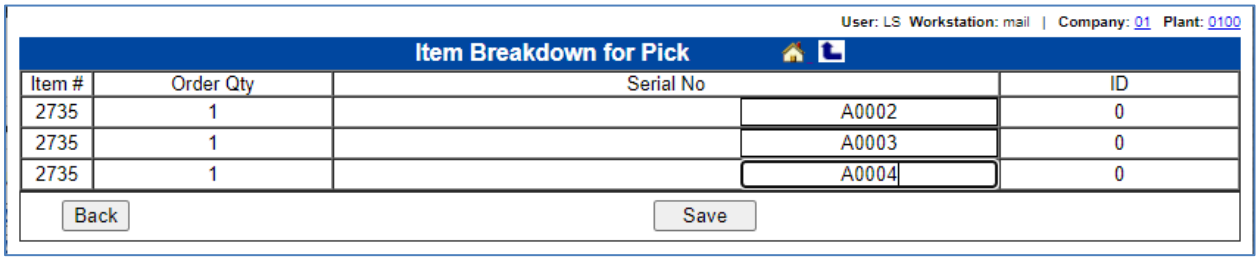
The Serial Numbers Required message appears, select **Review / Edit Packages** . . .



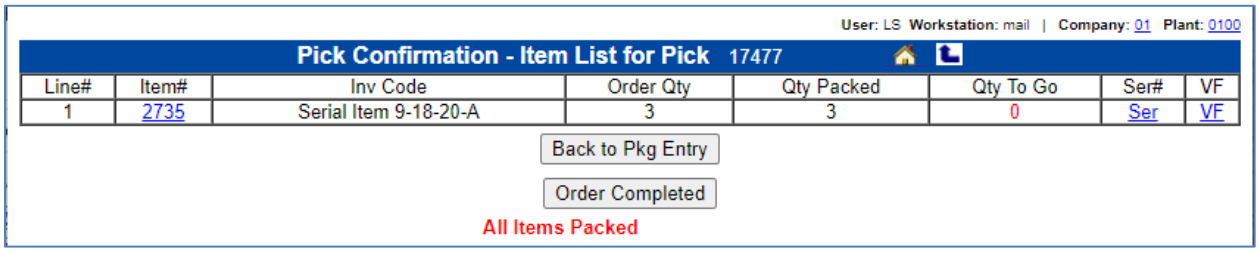
Select the **Ser** hyperlink to enter serial numbers . . .



Enter/Scan the Serial Numbers A0002, A0003, and A0004 and **Save** . . .



All items are packed, select **Order Completed** . . .

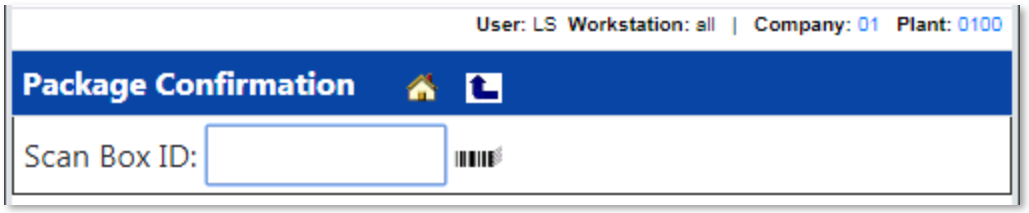


Package Confirmation

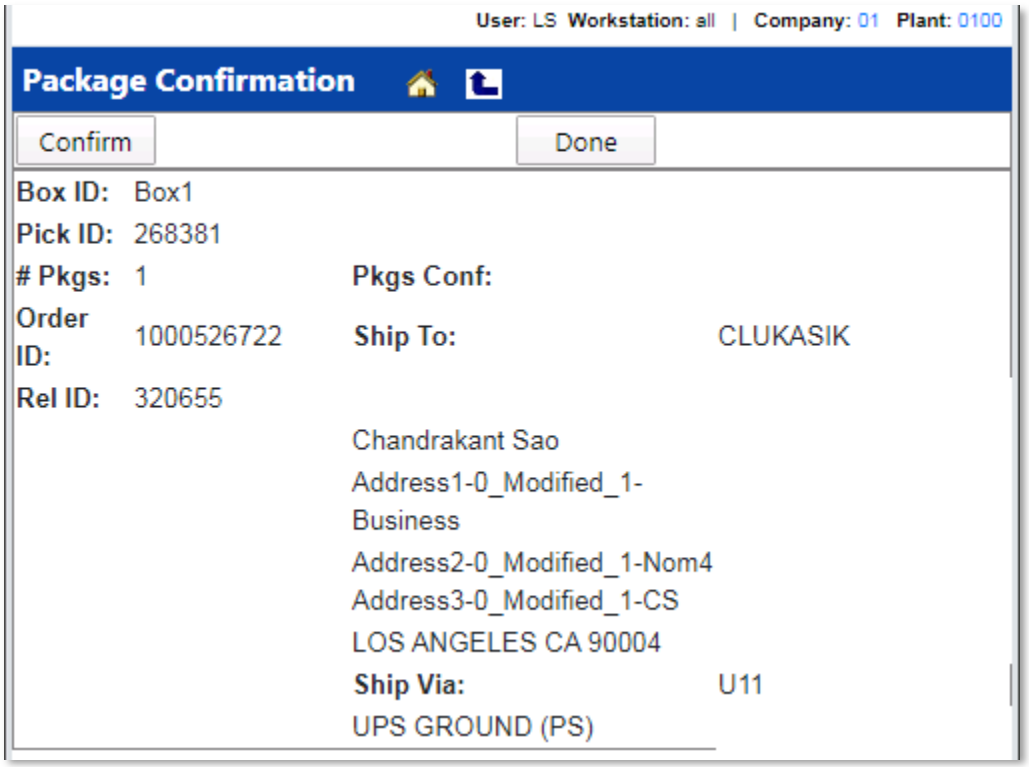
Package Confirmation is customer specific programming and is generally not used.

Package Confirmation allows boxes of items to be confirmed prior to shipping.

Enter the box id or scan it into the field and hit enter.

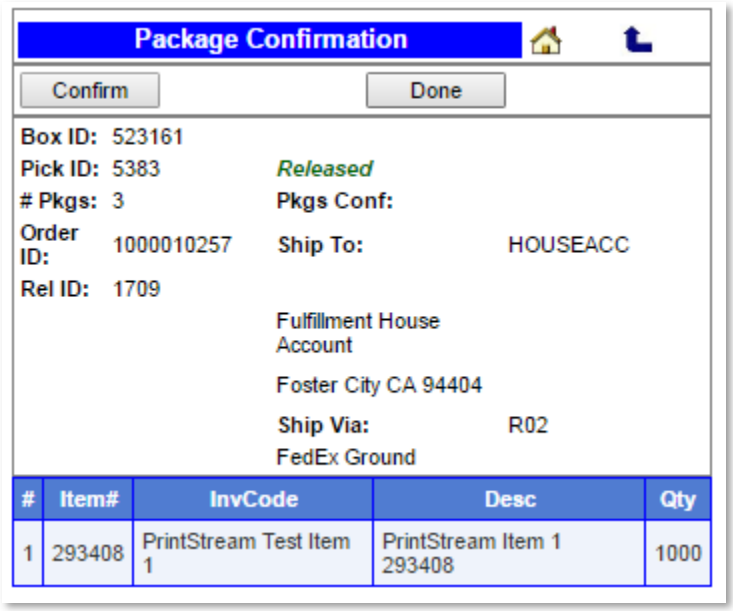


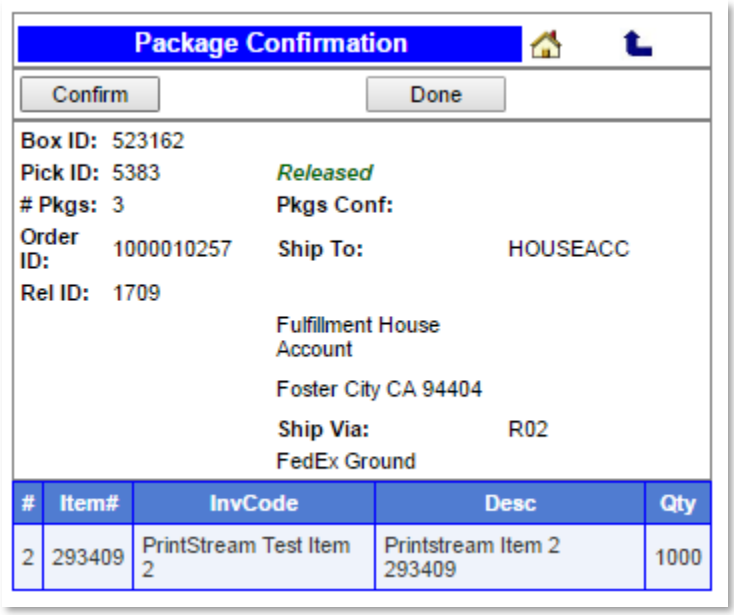
The system will indicate if the box has already been confirmed, if not, simply click on the “Confirm” button. Once the box is confirmed, click the cancel button to go back and enter in the next box id.

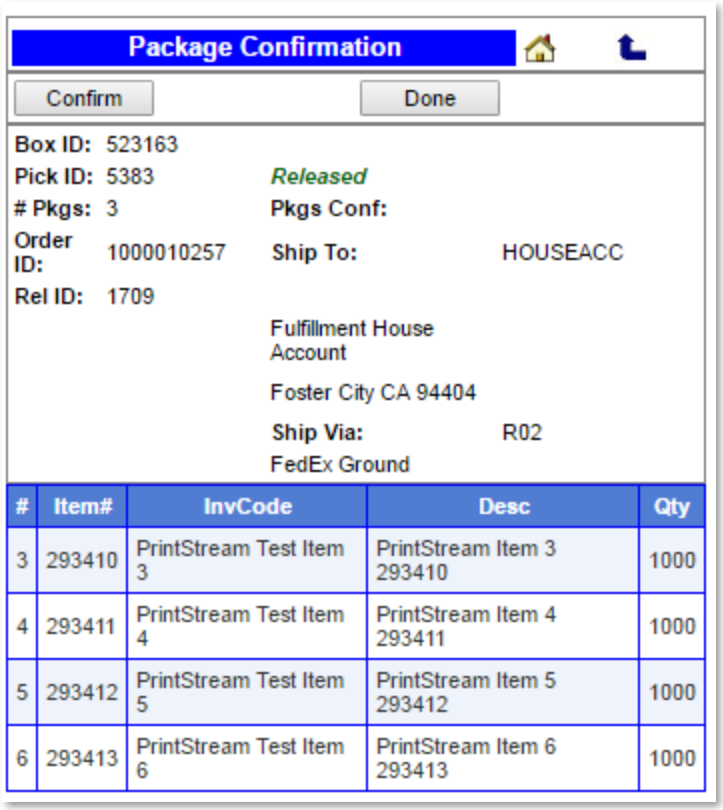


Package Confirmation - Add list of what items are in the package

The Wireless Warehouse Package Confirmation screen now includes a list to indicate which item(s) are in the box. This displays the item number, inventory code, item description, quantity and line number. In addition, the button used to close the screen has had its label changed from 'Cancel' to 'Done'.







Package Confirmation

Confirm | Done

Box ID: 523163
Pick ID: 5383 *Released*
 # Pkgs: 3 **Pkgs Conf:**
Order ID: 1000010257 **Ship To:** HOUSEACC
Rel ID: 1709

Fulfillment House Account

Foster City CA 94404

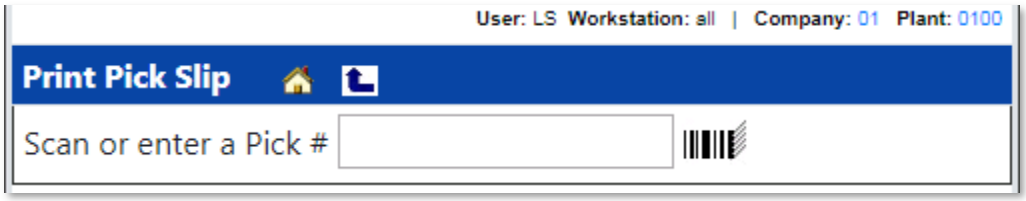
Ship Via: R02

FedEx Ground

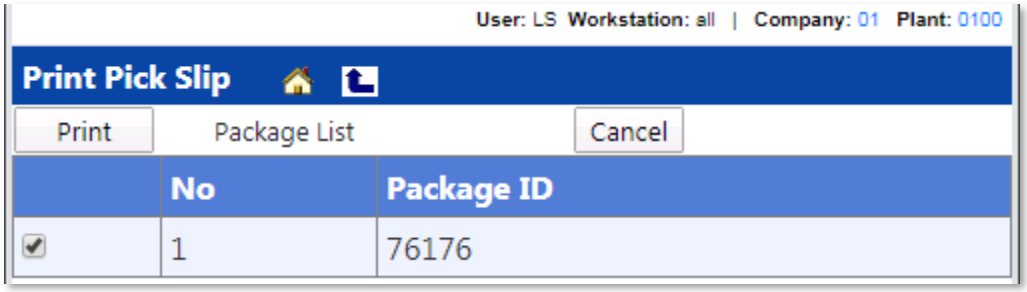
#	Item#	InvCode	Desc	Qty
3	293410	PrintStream Test Item 3	PrintStream Item 3 293410	1000
4	293411	PrintStream Test Item 4	PrintStream Item 4 293411	1000
5	293412	PrintStream Test Item 5	PrintStream Item 5 293412	1000
6	293413	PrintStream Test Item 6	PrintStream Item 6 293413	1000

Print Pick Slip

If you happen to lose or damage a pick slip, you can reprint from this screen.

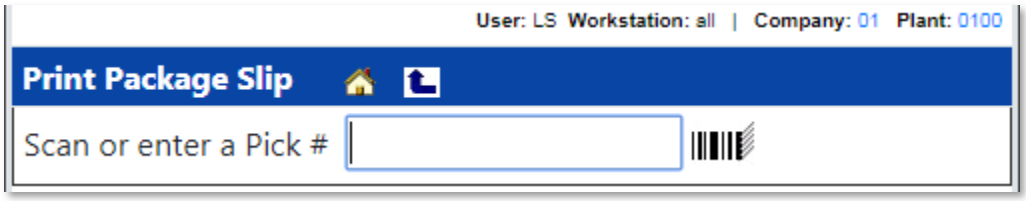


Select the pick(s) and **Print**.

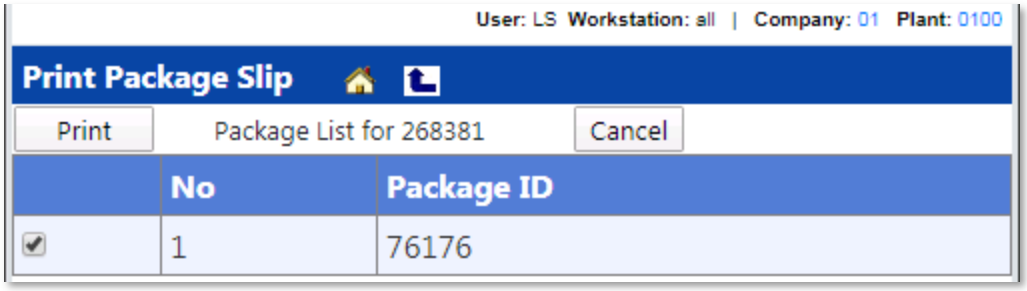


Print Package Slip

If you happen to lose or damage a package slip, you can reprint from this screen.

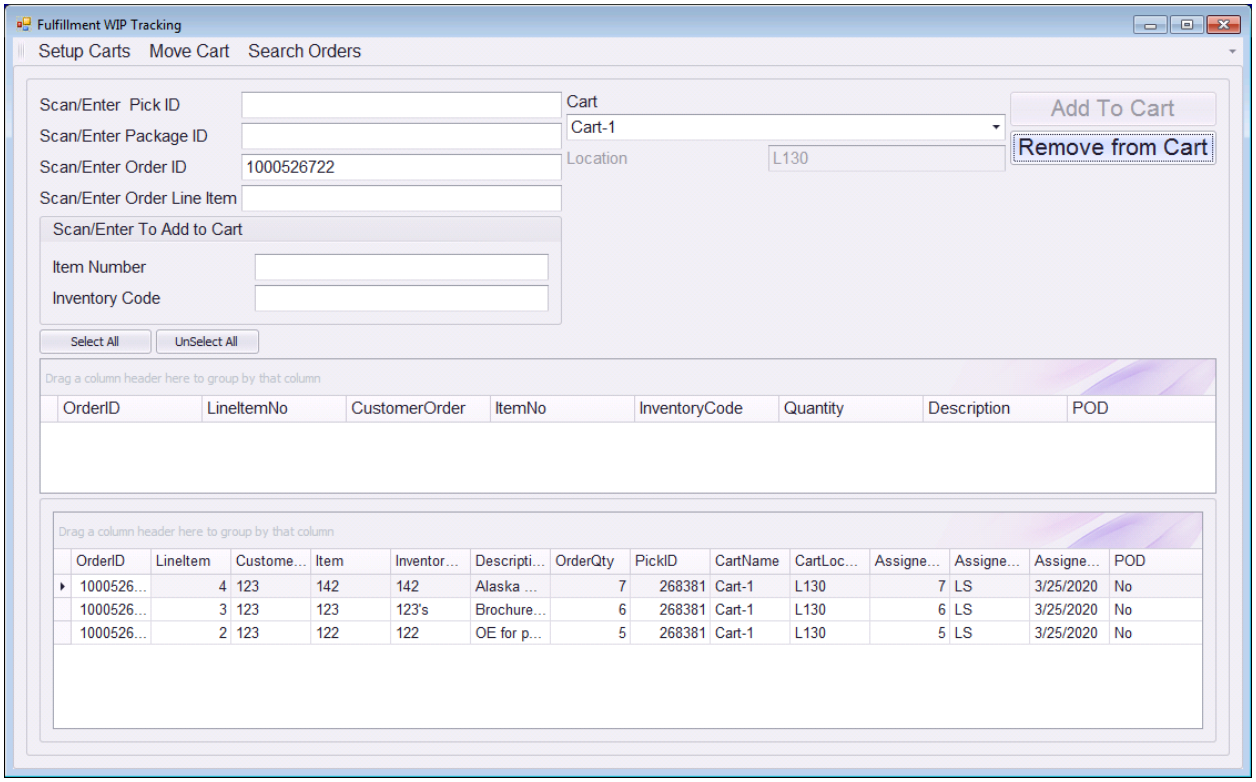


Select the package(s) and **Print**.

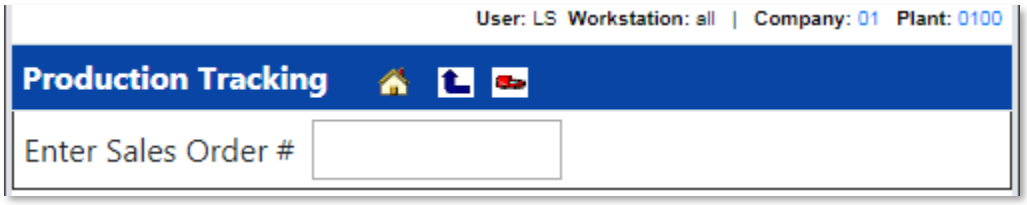


Product Tracking

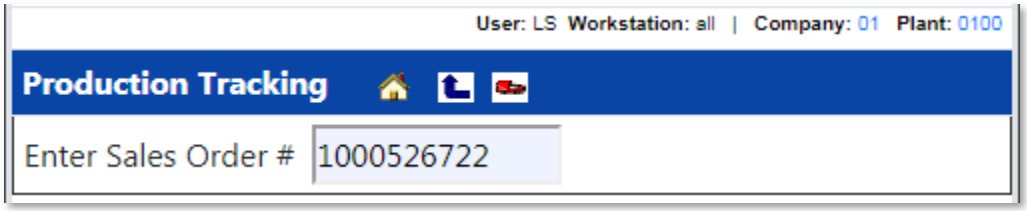
Product Tracking works with the **Fulfillment WIP Tracking** program. Use this program to link orders and items to carts for picking.



Product Tracking provides a way to check Sales Order/Item status in the picking process.

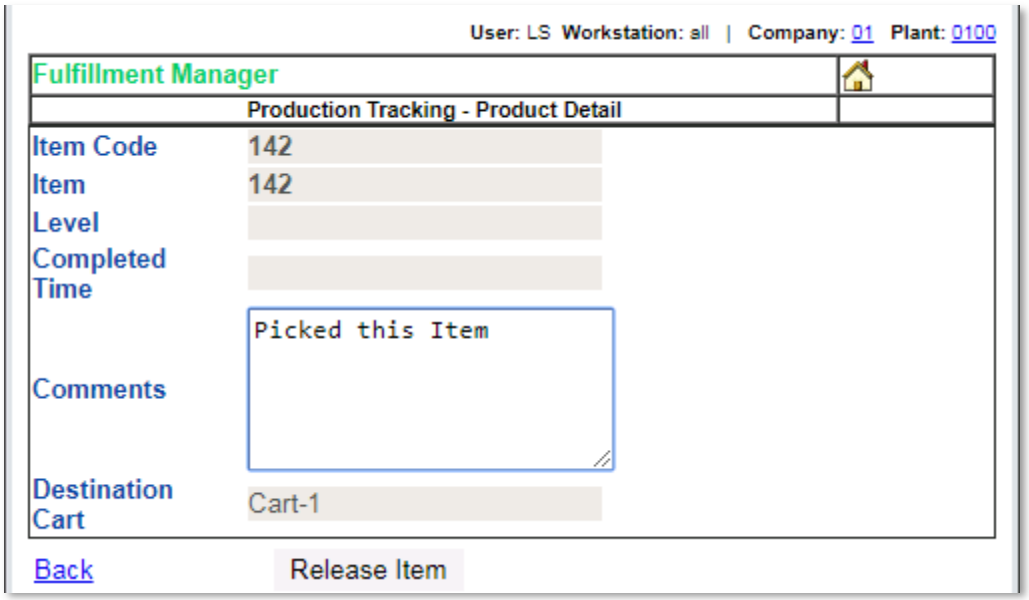


Enter Sales Order number and the details will be displayed.



The items are displayed from the Fulfillment WIP Tracking program. Select an Item Code to pick/release.

Enter a comment then select Release Item.

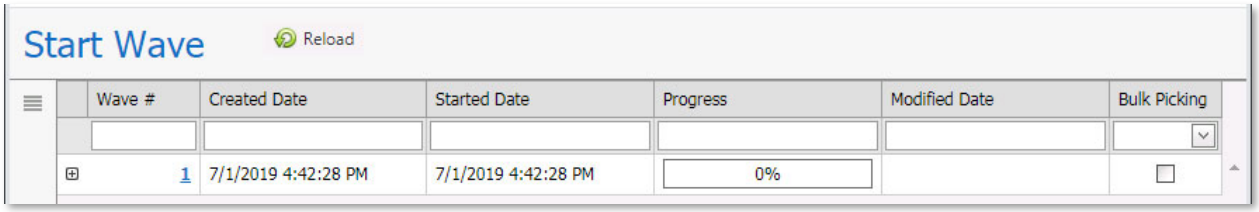


The Item now shows as completed. Do this for each item.

Wave Picking

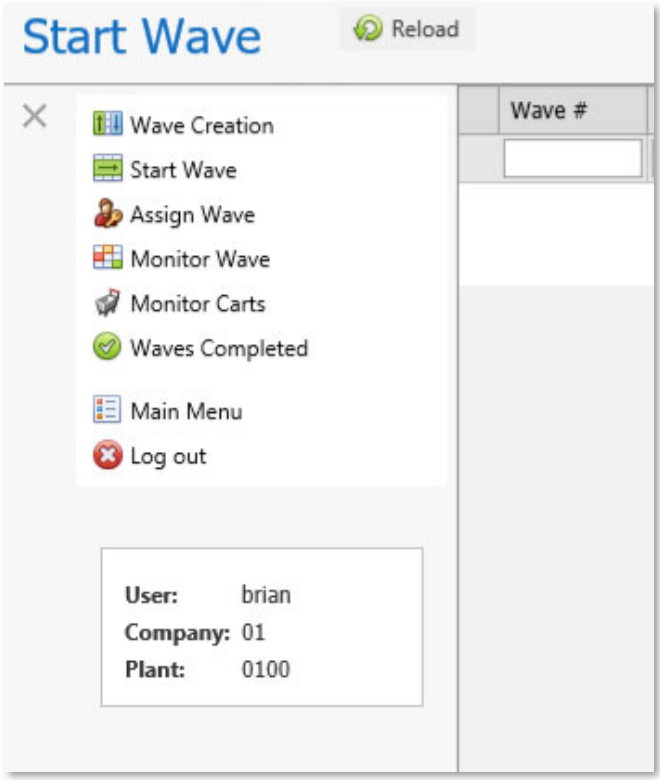
In PrintStream version 19.2 a new option for Wave Picking has been added. Please see the **PrintStream Fulfillment User** Guide for a more in-depth understanding of Wave Picking setup and usage.

The system will by default open to the Start Wave screen.



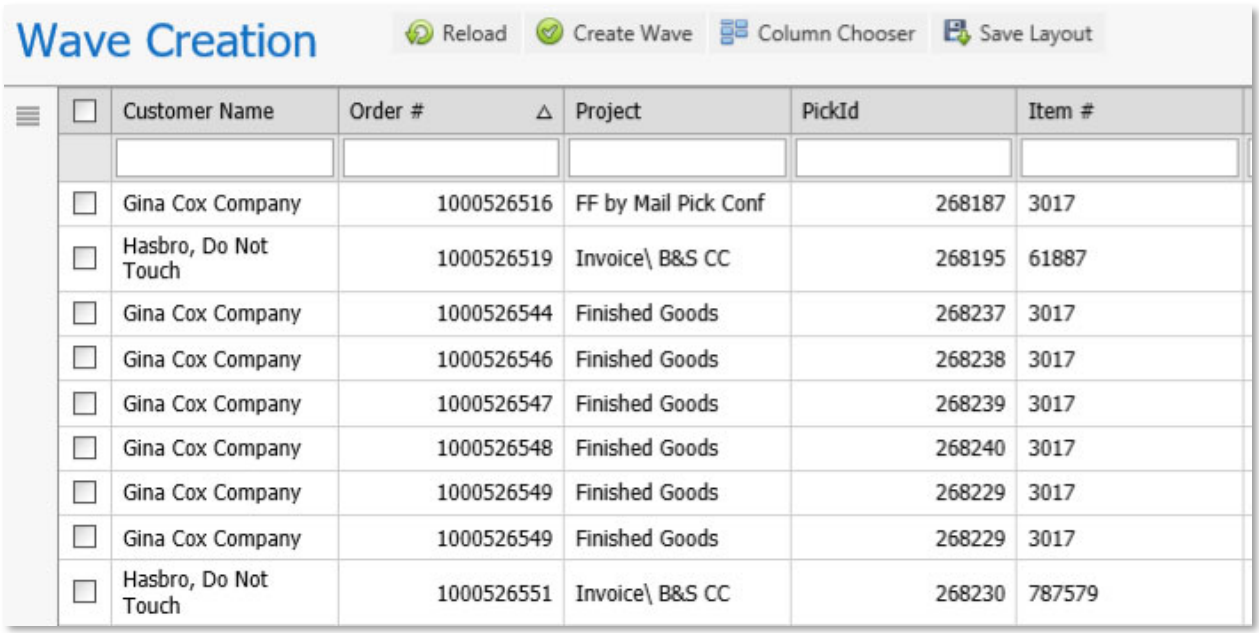
To the left of the screen, the user will find the sub menu option.

Within the menu, the options seen will vary depending on the security role linked to the user logged in.



Wave Creation

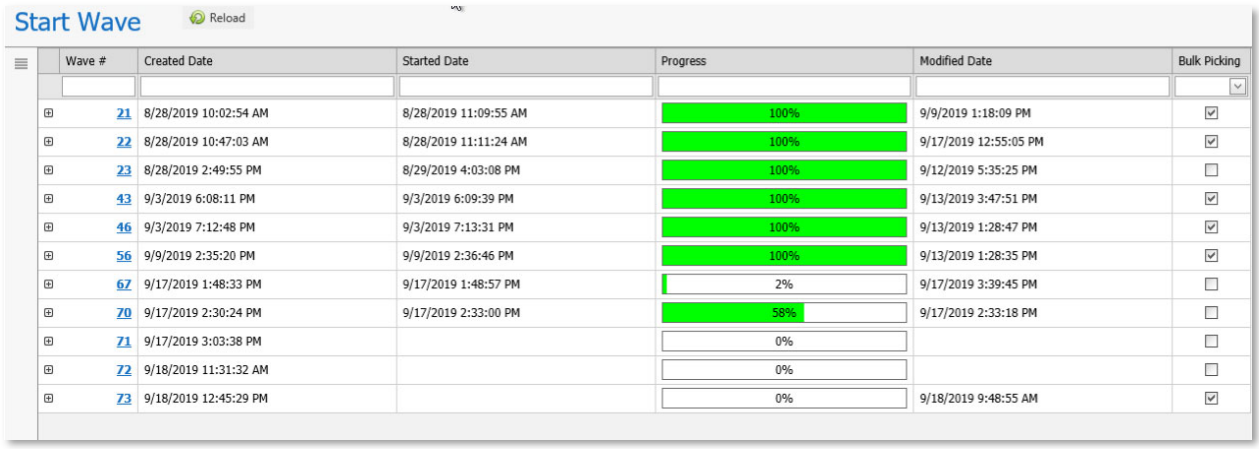
The same function to create waves as seen within Fulfillment but from the web.



Customer Name	Order #	Project	PickId	Item #
Gina Cox Company	1000526516	FF by Mail Pick Conf	268187	3017
Hasbro, Do Not Touch	1000526519	Invoice\ B&S CC	268195	61887
Gina Cox Company	1000526544	Finished Goods	268237	3017
Gina Cox Company	1000526546	Finished Goods	268238	3017
Gina Cox Company	1000526547	Finished Goods	268239	3017
Gina Cox Company	1000526548	Finished Goods	268240	3017
Gina Cox Company	1000526549	Finished Goods	268229	3017
Gina Cox Company	1000526549	Finished Goods	268229	3017
Hasbro, Do Not Touch	1000526551	Invoice\ B&S CC	268230	787579

Start Wave

Select the Wave # link to work on from Start Wave Page, simply click on the number and it will open the wave

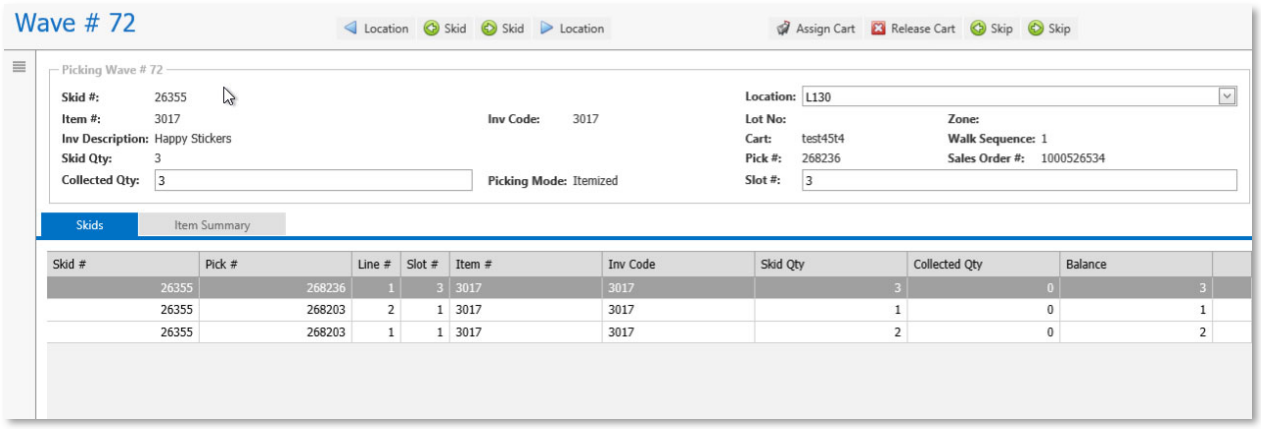


Wave #	Created Date	Started Date	Progress	Modified Date	Bulk Picking
21	8/28/2019 10:02:54 AM	8/28/2019 11:09:55 AM	100%	9/9/2019 1:18:09 PM	☑
22	8/28/2019 10:47:03 AM	8/28/2019 11:11:24 AM	100%	9/17/2019 12:55:05 PM	☑
23	8/28/2019 2:49:55 PM	8/29/2019 4:03:08 PM	100%	9/12/2019 5:35:25 PM	☐
43	9/3/2019 6:08:11 PM	9/3/2019 6:09:39 PM	100%	9/13/2019 3:47:51 PM	☑
46	9/3/2019 7:12:48 PM	9/3/2019 7:13:31 PM	100%	9/13/2019 1:28:47 PM	☑
56	9/9/2019 2:35:20 PM	9/9/2019 2:36:46 PM	100%	9/13/2019 1:28:35 PM	☑
67	9/17/2019 1:48:33 PM	9/17/2019 1:48:57 PM	2%	9/17/2019 3:39:45 PM	☐
70	9/17/2019 2:30:24 PM	9/17/2019 2:33:00 PM	58%	9/17/2019 2:33:18 PM	☐
71	9/17/2019 3:03:38 PM		0%		☐
72	9/18/2019 11:31:32 AM		0%		☐
73	9/18/2019 12:45:29 PM		0%	9/18/2019 9:48:55 AM	☑

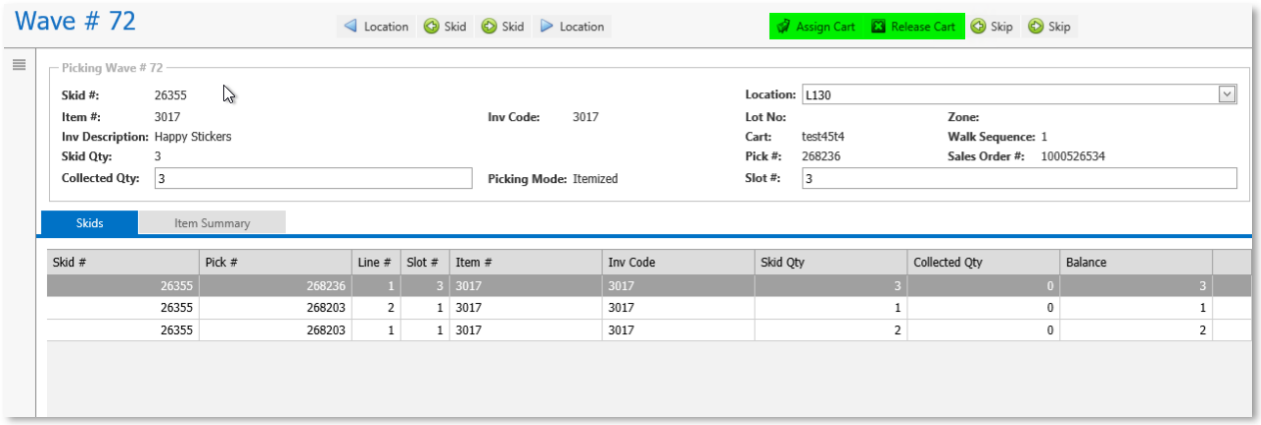
Depending on whether the Wave was created for **Bulk** or **Itemized** picking the workflow will be different

Itemized Picking

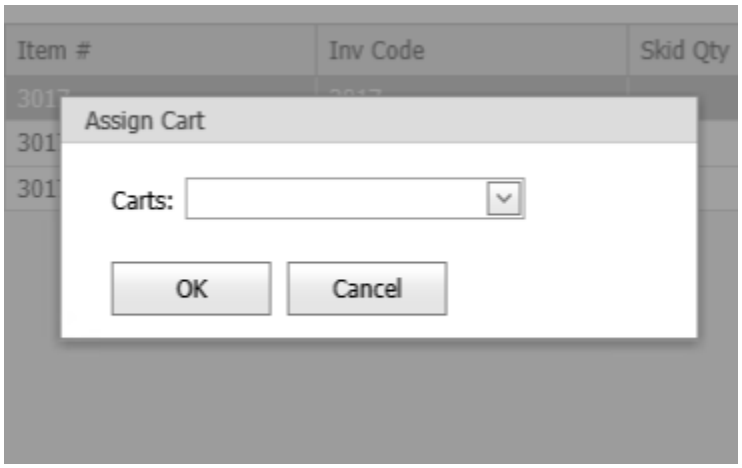
When picking a Wave, the system will start from the first location based on its Walking Sequence. The Skids grid detail below lists all the Items to be collected broken down by Skid #, Pick # and Line #



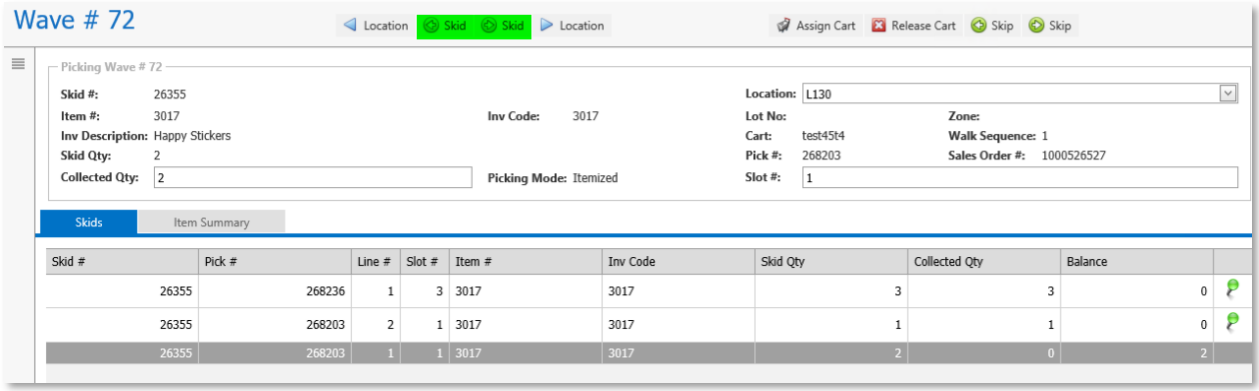
We may assign a cart to the wave by clicking on the “Assign Cart” button. The reverse action is “Release Cart” if we need to stop using it.



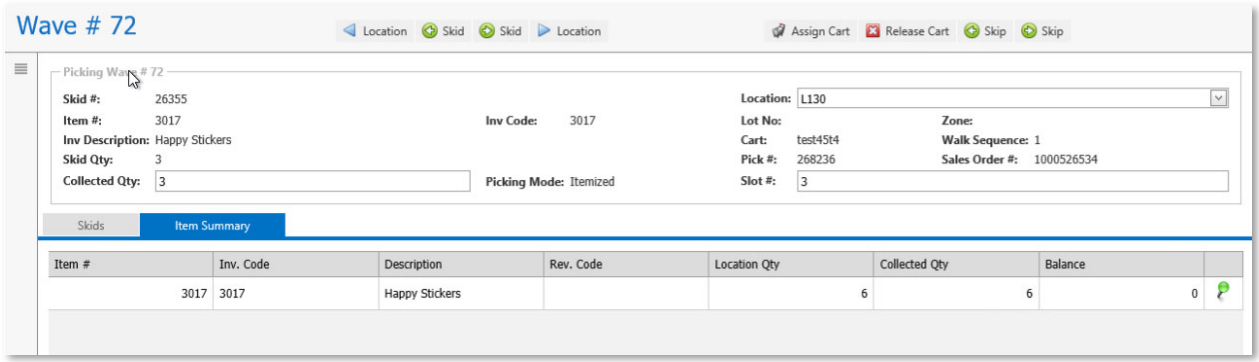
If changing the cart, the below window will appear, and the user can select from the pulldown.



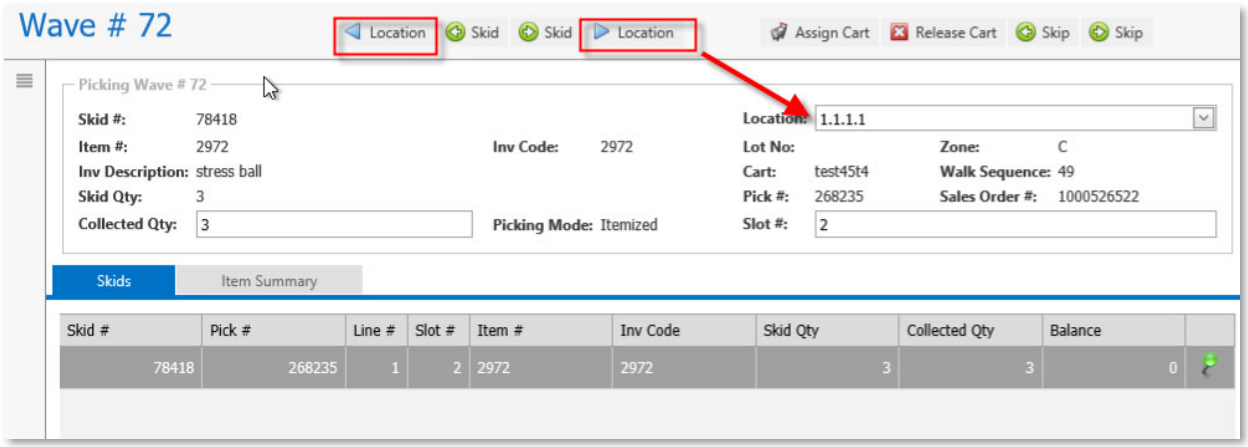
The Collected Qty defaults to the skid quantity required by the Pick #. To collect this qty click on the next Skid button, the green pin on the far-right column will confirm the Wave got updated. Also, the next Skid row gets loaded ready to repeat the process until the last skid gets updated. If the need to go back to a previous line to modify the qty, click on the prior skid button.



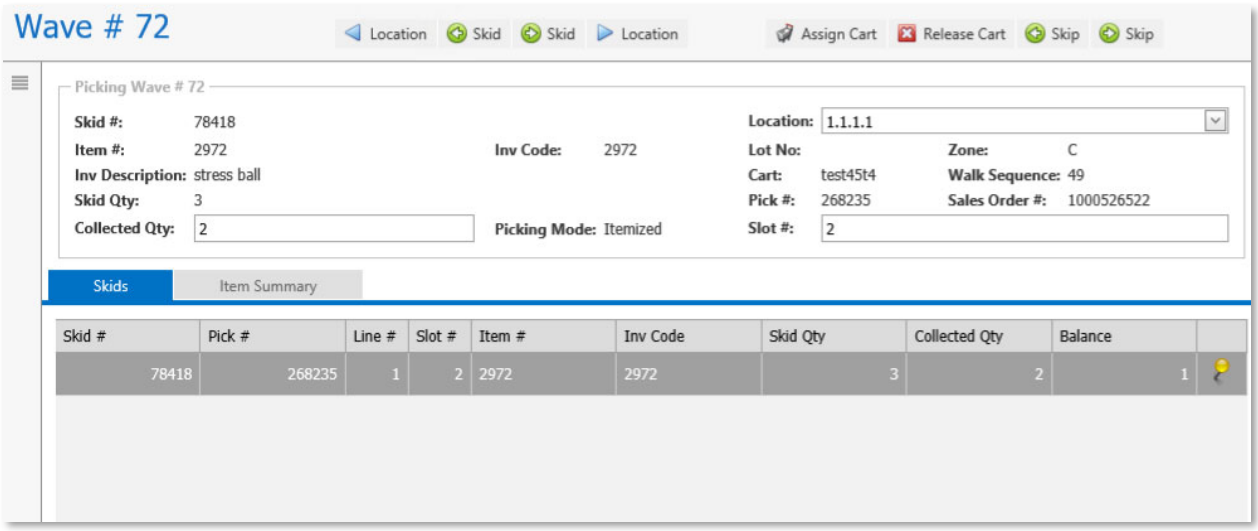
Shift view to Item Summary to see total quantities per inventory item:



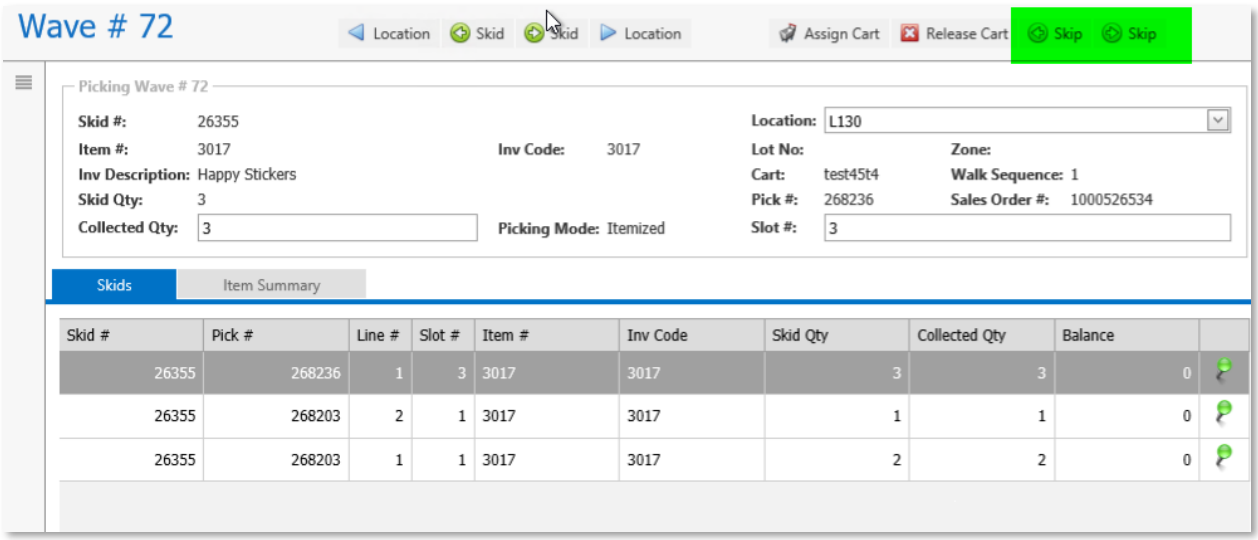
After completing item collection of current location click the next Location button to advance. Alternatively, you can move between Locations using the dropdown. If the need to go back to a prior location, use the back-location button or select from location pulldown.



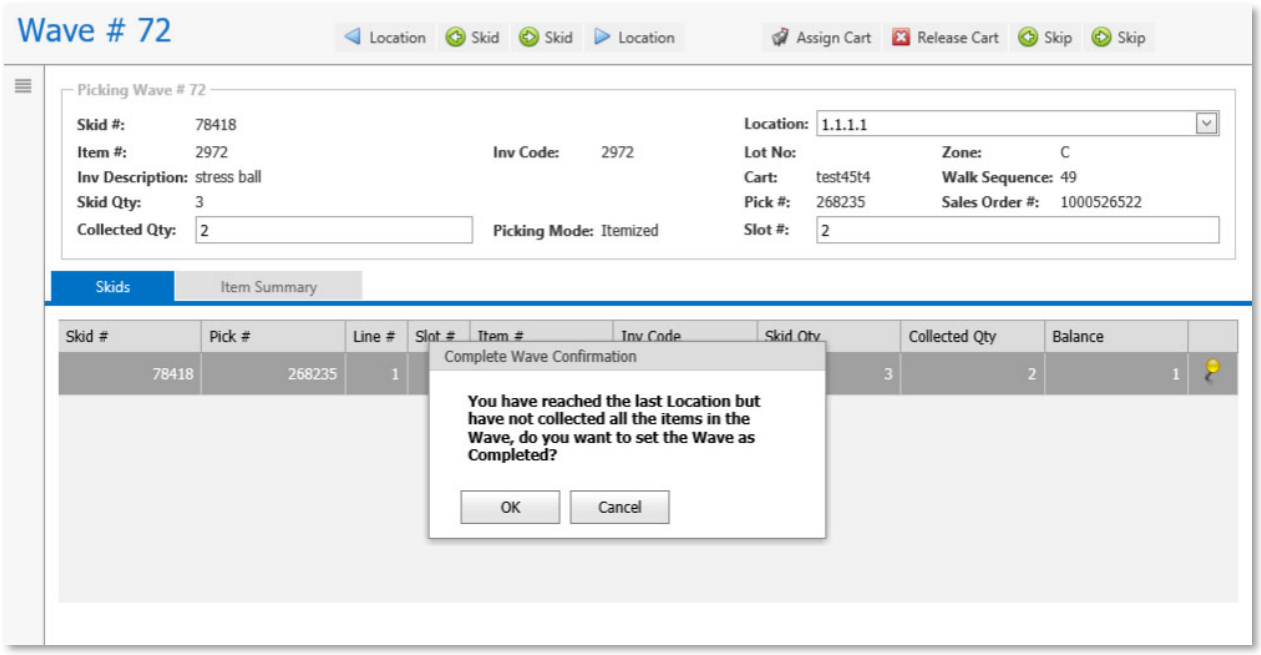
The Collected Qty can be entered for a lower number in case all items aren't available at the skid. This will display a yellow pin instead of a green signaling a partially collected item:



If we can't collect one of the items, we can skip it by clicking on Skip. This will load the following item in the grid:

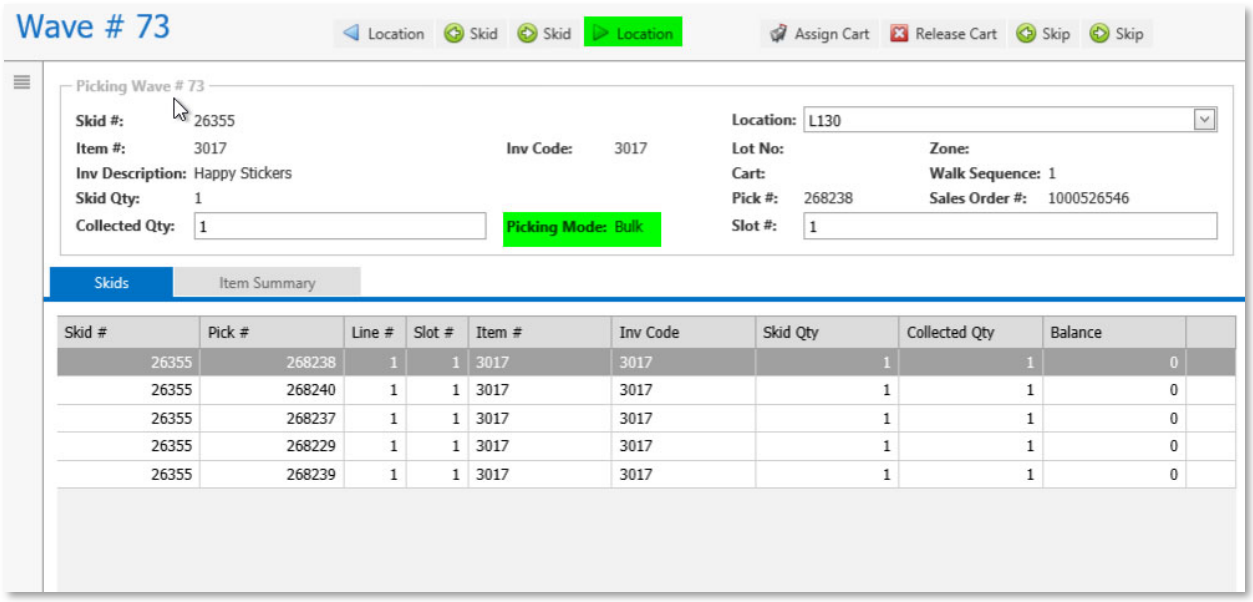


From here repeat the same steps until the last skid qty is collected. At that point, when clicking next Skid for last time we will get prompted to confirm Wave Completion. Notice the application detects we had a partial collection in the confirmation message:

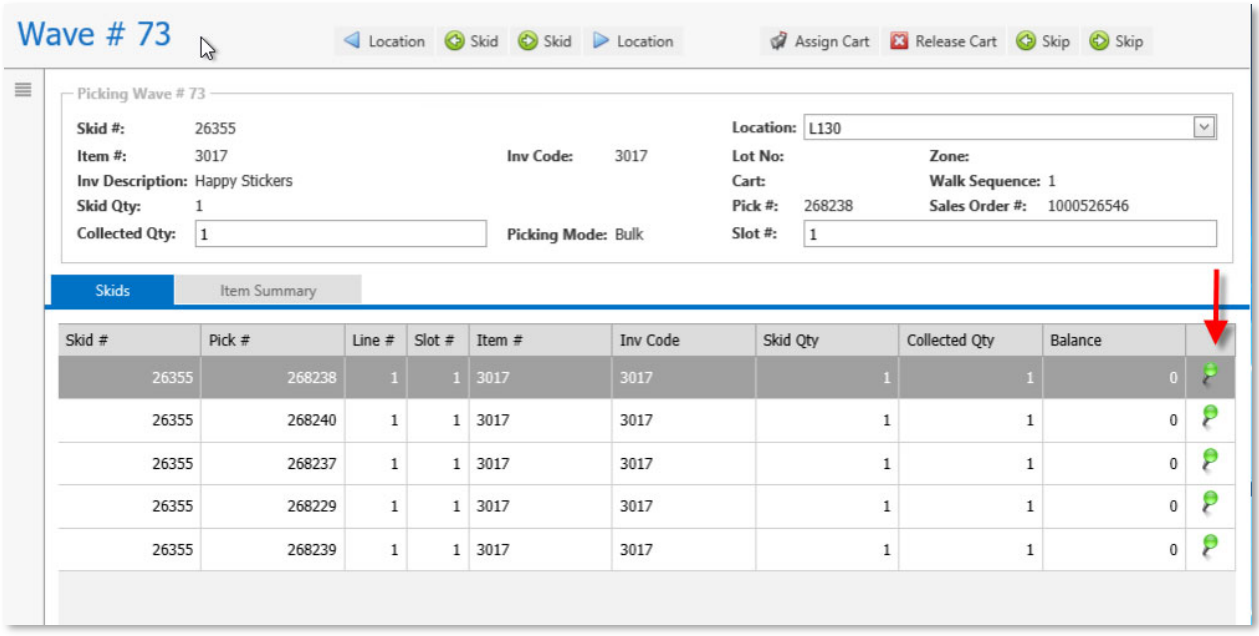


Bulk Picking

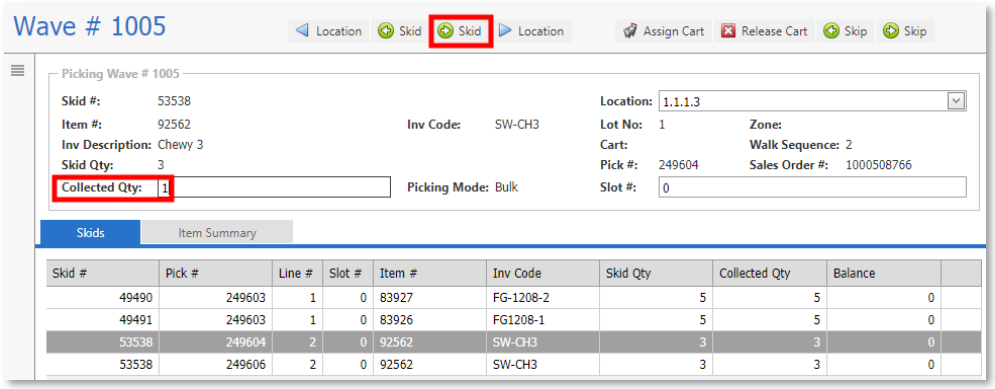
In this Mode all the items at the current Location get collected in the Wave when browsing to the next location by clicking the Next Location button:

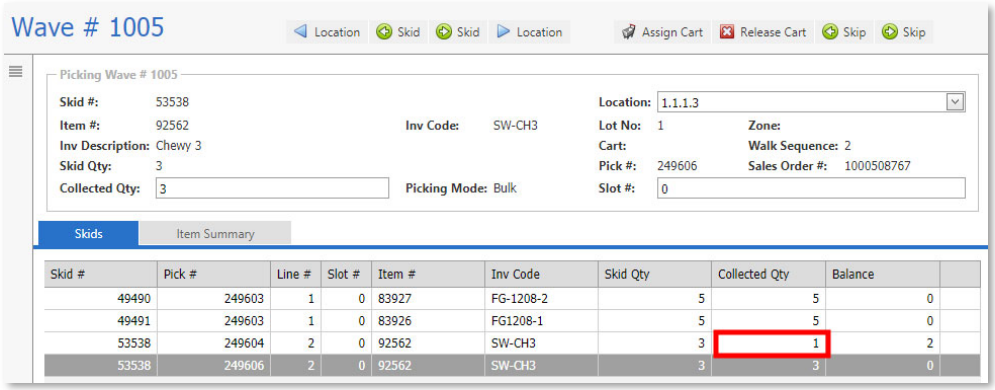


This will take us straight to the next location and all the previous items will be flagged as collected. If we browse back to the same location, we see the confirmation with the green pin on the grid:

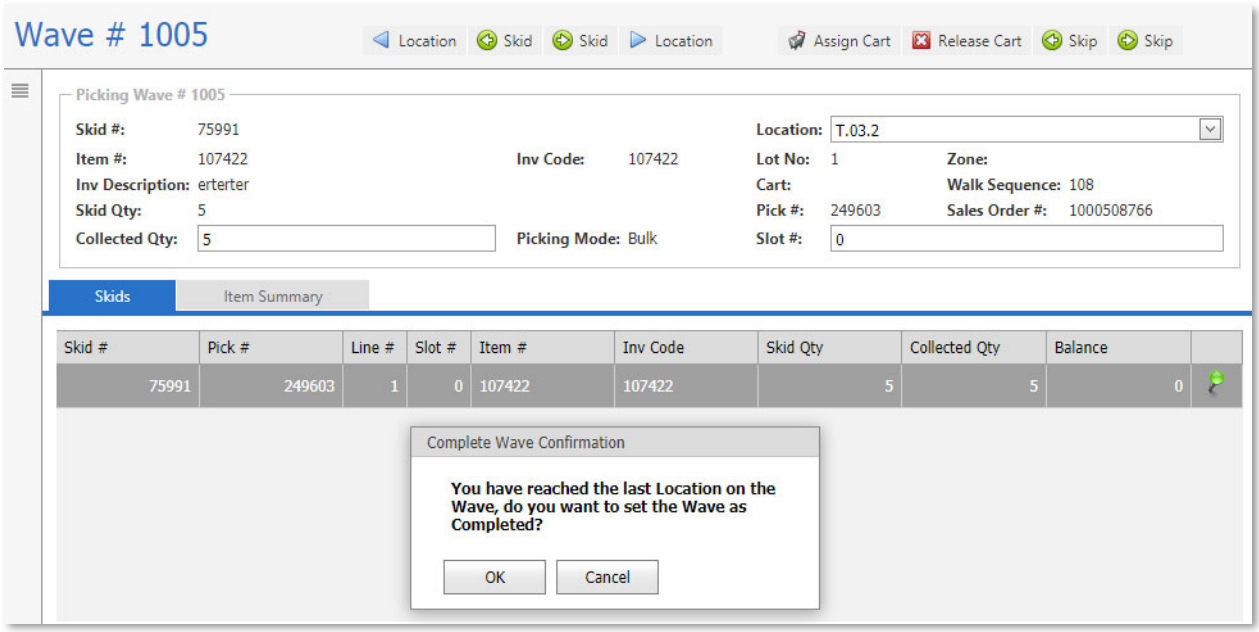


Now on another wave, when at a given location, we can edit some item quantity by moving to the specific row, then edit the quantity and finally click on the next “Skid” button:



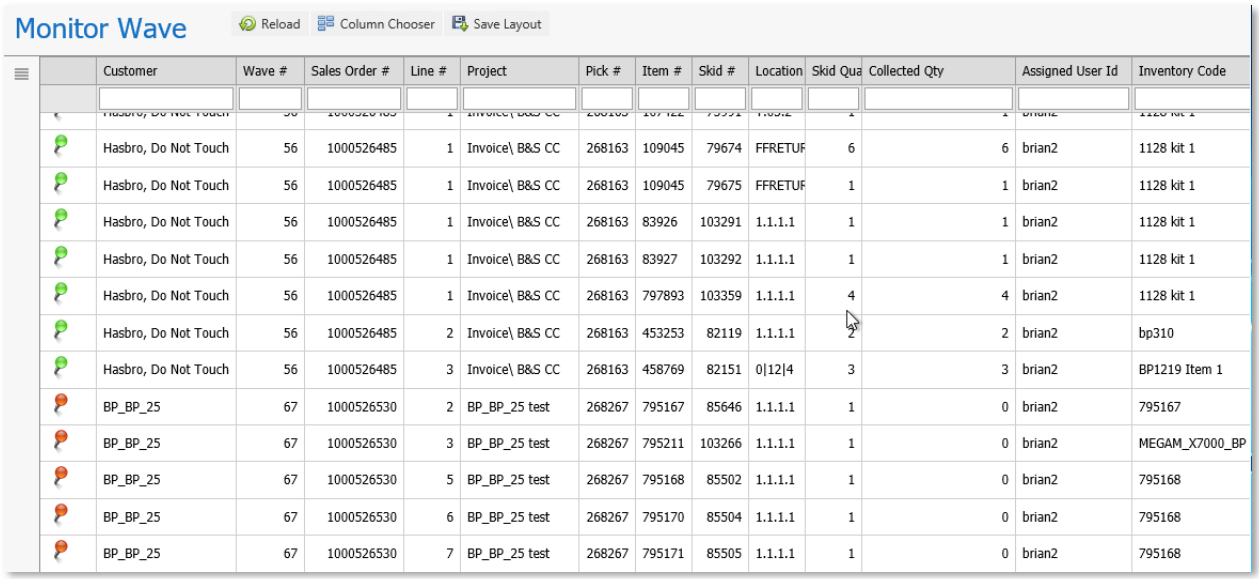


Again, clicking on the Next Location button will confirm all these quantities. Repeat the same process until reaching the last location. At that point, when clicking on Next Location we will get the end of Wave Confirmation message:



Monitor Wave

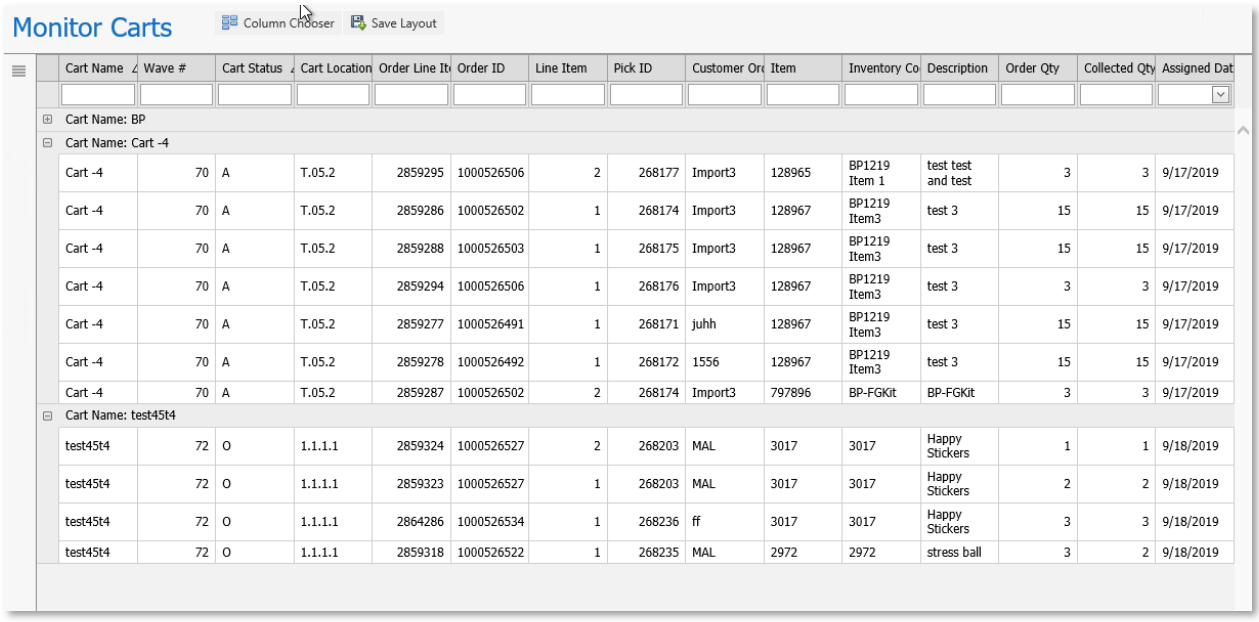
Monitor wave give the user a view of which items have been picked within specific wave. The fields are sortable and can be filtered. The green tack indicates the item has been completed and the red indicates they have not been completed.



Customer	Wave #	Sales Order #	Line #	Project	Pick #	Item #	Skid #	Location	Skid Qua	Collected Qty	Assigned User Id	Inventory Code
Hasbro, Do Not Touch	56	1000526485	1	Invoice\ B&S CC	268163	109045	79674	FFRETUF	6	6	brian2	1128 kit 1
Hasbro, Do Not Touch	56	1000526485	1	Invoice\ B&S CC	268163	109045	79675	FFRETUF	1	1	brian2	1128 kit 1
Hasbro, Do Not Touch	56	1000526485	1	Invoice\ B&S CC	268163	83926	103291	1.1.1.1	1	1	brian2	1128 kit 1
Hasbro, Do Not Touch	56	1000526485	1	Invoice\ B&S CC	268163	83927	103292	1.1.1.1	1	1	brian2	1128 kit 1
Hasbro, Do Not Touch	56	1000526485	1	Invoice\ B&S CC	268163	797893	103359	1.1.1.1	4	4	brian2	1128 kit 1
Hasbro, Do Not Touch	56	1000526485	2	Invoice\ B&S CC	268163	453253	82119	1.1.1.1	2	2	brian2	bp310
Hasbro, Do Not Touch	56	1000526485	3	Invoice\ B&S CC	268163	458769	82151	0\12\4	3	3	brian2	BP1219 Item 1
BP_BP_25	67	1000526530	2	BP_BP_25 test	268267	795167	85646	1.1.1.1	1	0	brian2	795167
BP_BP_25	67	1000526530	3	BP_BP_25 test	268267	795211	103266	1.1.1.1	1	0	brian2	MEGAM_X7000_BP
BP_BP_25	67	1000526530	5	BP_BP_25 test	268267	795168	85502	1.1.1.1	1	0	brian2	795168
BP_BP_25	67	1000526530	6	BP_BP_25 test	268267	795170	85504	1.1.1.1	1	0	brian2	795168
BP_BP_25	67	1000526530	7	BP_BP_25 test	268267	795171	85505	1.1.1.1	1	0	brian2	795168

Monitor Cart

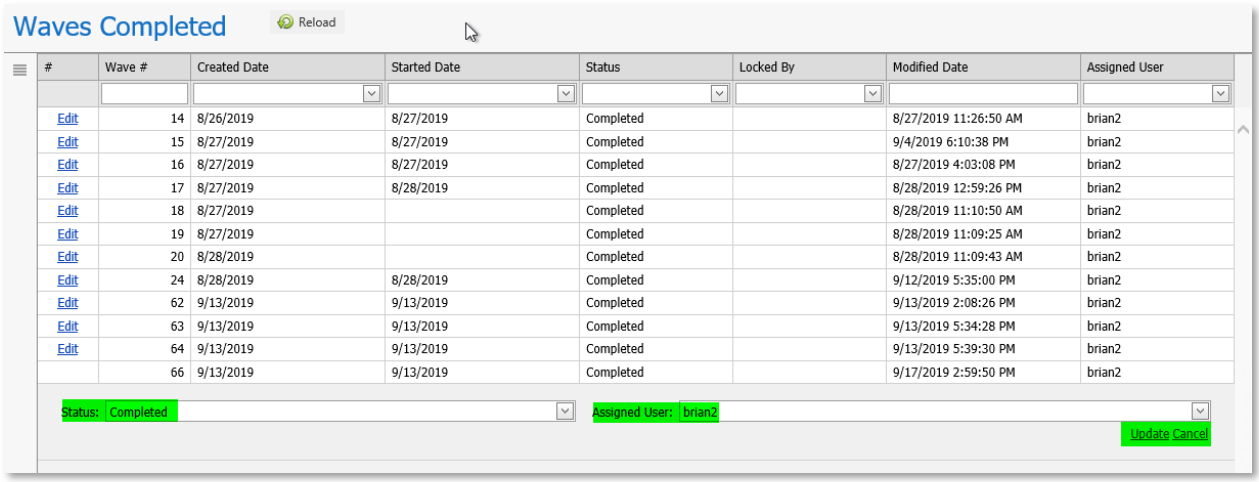
This screen allows the user to review the carts and its items, it also shows how many pieces of each of the items have been collected.



Cart Name	Wave #	Cart Status	Cart Location	Order Line It	Order ID	Line Item	Pick ID	Customer Or	Item	Inventory Co	Description	Order Qty	Collected Qty	Assigned Dat
Cart Name: BP														
Cart Name: Cart -4														
Cart -4	70	A	T.05.2	2859295	1000526506	2	268177	Import3	128965	BP1219 Item 1	test test and test	3	3	9/17/2019
Cart -4	70	A	T.05.2	2859286	1000526502	1	268174	Import3	128967	BP1219 Item3	test 3	15	15	9/17/2019
Cart -4	70	A	T.05.2	2859288	1000526503	1	268175	Import3	128967	BP1219 Item3	test 3	15	15	9/17/2019
Cart -4	70	A	T.05.2	2859294	1000526506	1	268176	Import3	128967	BP1219 Item3	test 3	3	3	9/17/2019
Cart -4	70	A	T.05.2	2859277	1000526491	1	268171	juhh	128967	BP1219 Item3	test 3	15	15	9/17/2019
Cart -4	70	A	T.05.2	2859278	1000526492	1	268172	1556	128967	BP1219 Item3	test 3	15	15	9/17/2019
Cart -4	70	A	T.05.2	2859287	1000526502	2	268174	Import3	797896	BP-FGKit	BP-FGKit	3	3	9/17/2019
Cart Name: test45t4														
test45t4	72	O	1.1.1.1	2859324	1000526527	2	268203	MAL	3017	3017	Happy Stickers	1	1	9/18/2019
test45t4	72	O	1.1.1.1	2859323	1000526527	1	268203	MAL	3017	3017	Happy Stickers	2	2	9/18/2019
test45t4	72	O	1.1.1.1	2864286	1000526534	1	268236	ff	3017	3017	Happy Stickers	3	3	9/18/2019
test45t4	72	O	1.1.1.1	2859318	1000526522	1	268235	MAL	2972	2972	stress ball	3	2	9/18/2019

Wave Completed

This allows the user to review the completed waves, if the wave needs to be reopened and assigned to a different picker, it can be done here.



Wave Picking Enhancements

We have made a few changes for Wireless Warehouse's Wave Picking. We have added the following 3 features.

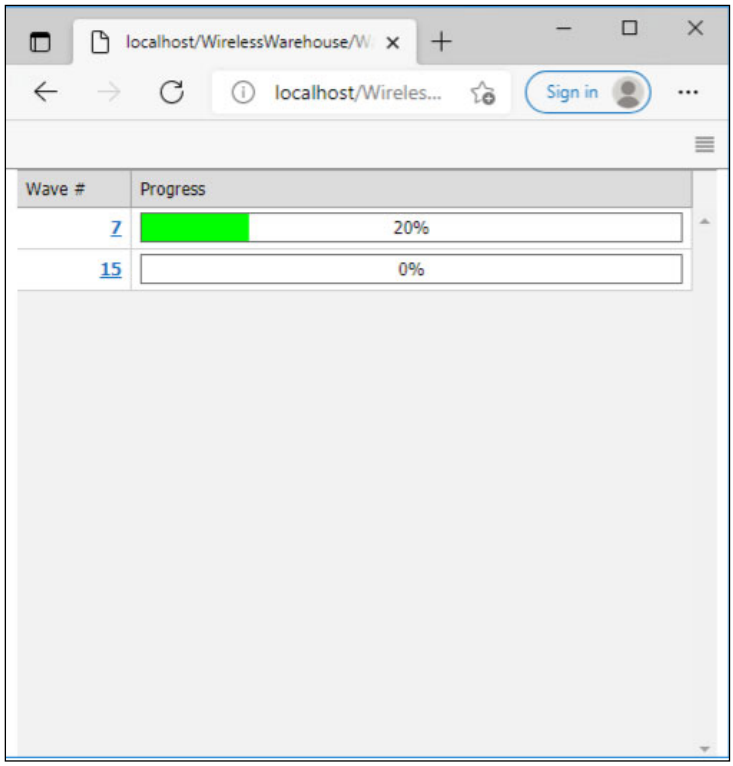
- Wave Validate Skid – asks the user to verify the skid #
- Wave Validate Slot – asks the user to verify the slot the item is placed in.
- Wave Compact Default – allows Wave picking to be used on compact devices

Below shows the "**web.config**" file with the 3 new options marked as "true". By default, these will be marked as false, meaning the wave picking programming will work as it did prior to the changes.

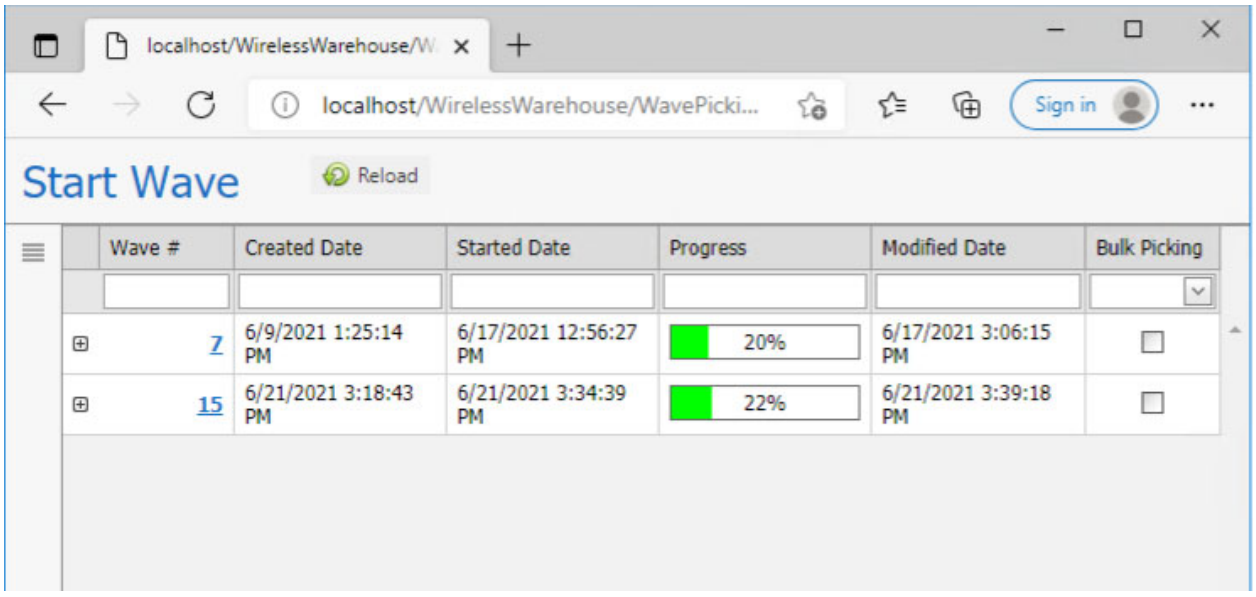
```
<configuration>
  <configSections>
    <sectionGroup name="devExpress">
      <section name="themes" type="DevExpress.Web.ThemesConfigurationSection, DevExpress.Web.v15.2, Version=15.2.9.0,
Culture=neutral, PublicKeyToken=b88d1754d700e49a" requirePermission="false" />
      <section name="compression" type="DevExpress.Web.CompressionConfigurationSection, DevExpress.Web.v15.2,
Version=15.2.9.0, Culture=neutral, PublicKeyToken=b88d1754d700e49a" requirePermission="false" />
      <section name="settings" type="DevExpress.Web.SettingsConfigurationSection, DevExpress.Web.v15.2, Version=15.2.9.0,
Culture=neutral, PublicKeyToken=b88d1754d700e49a" requirePermission="false" />
      <section name="errors" type="DevExpress.Web.ErrorsConfigurationSection, DevExpress.Web.v15.2, Version=15.2.9.0,
Culture=neutral, PublicKeyToken=b88d1754d700e49a" requirePermission="false" />
    </sectionGroup>
  </configSections>
  <appSettings>
    <add key="DBPath" value="C:\PrintStream\LiveData_PSStandAlone\dosrun" />
    <add key="MaxPoolSize" value="100" />
    <add key="CompanyCode" value="01" />
    <add key="PlantCode" value="0100" />
    <add key="WorkStation" value="mail" />
    <add key="TraceLog" value="false" />
    <add key="ShowBoxQuantity" value="true" />
    <add key="WaveValidateSkid" value="true" />
    <add key="WaveValidateSlot" value="true" />
    <add key="WaveCompactDefault" value="true" />
  </appSettings>
  <!--
    For a description of web.config changes see http://go.microsoft.com/fwlink/?LinkId=235367.

    The following attributes can be set on the <httpRuntime> tag.
```

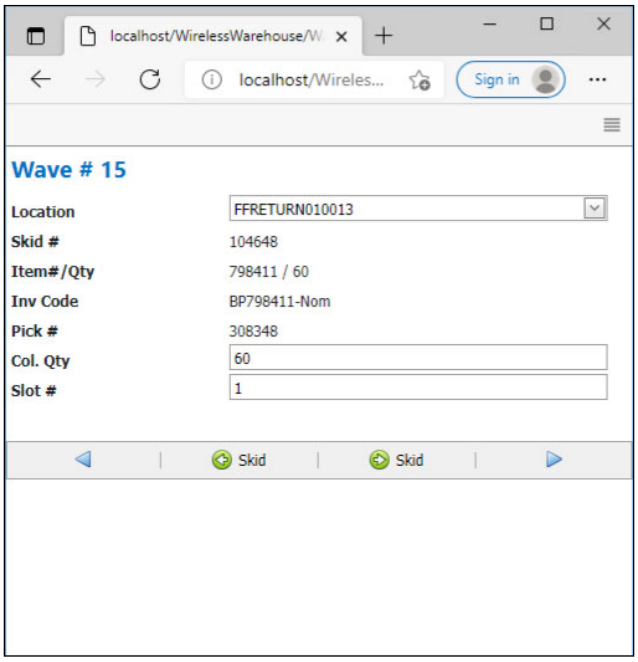
With the “WaveCompactDefault” set to “true”, the screen will appear in this format. This format better suits smaller devises.



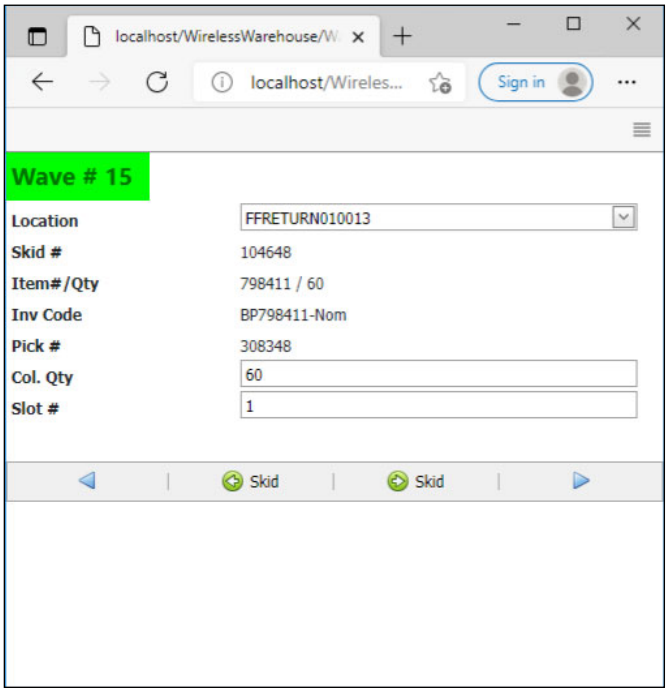
With the setting set to “false”, the screen would look like this. This is the default format.



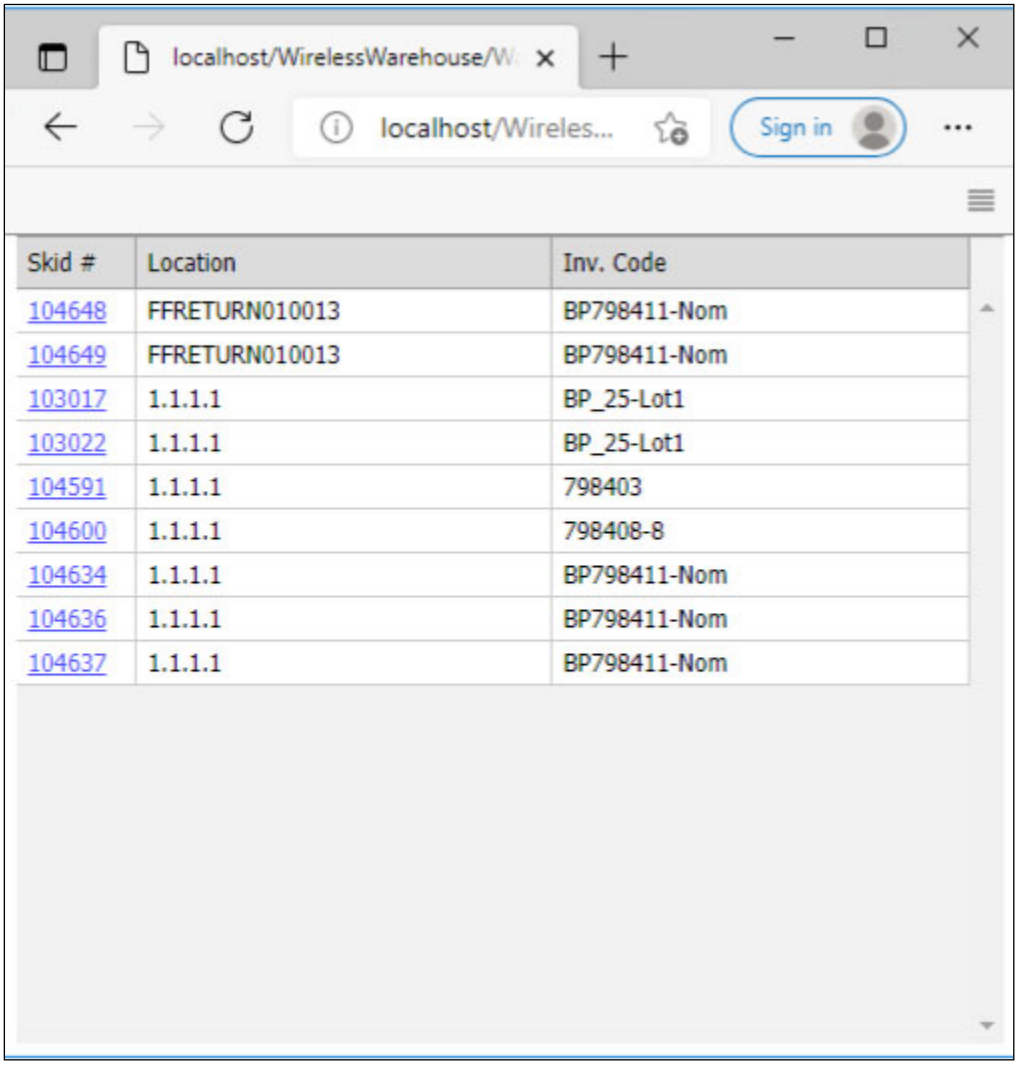
Once a wave is selected, the system will bring the user to the wave picking screen, as seen below. The 1st location and skid will appear for the order, unless the wave had been started previously. If it had, the system will bring the user to the last line that had not been worked on.



To see the other skids and items associated to the wave, the user can click on the “Wave #” link. In the normal format, all the skids would appear in the main wave pick screen.

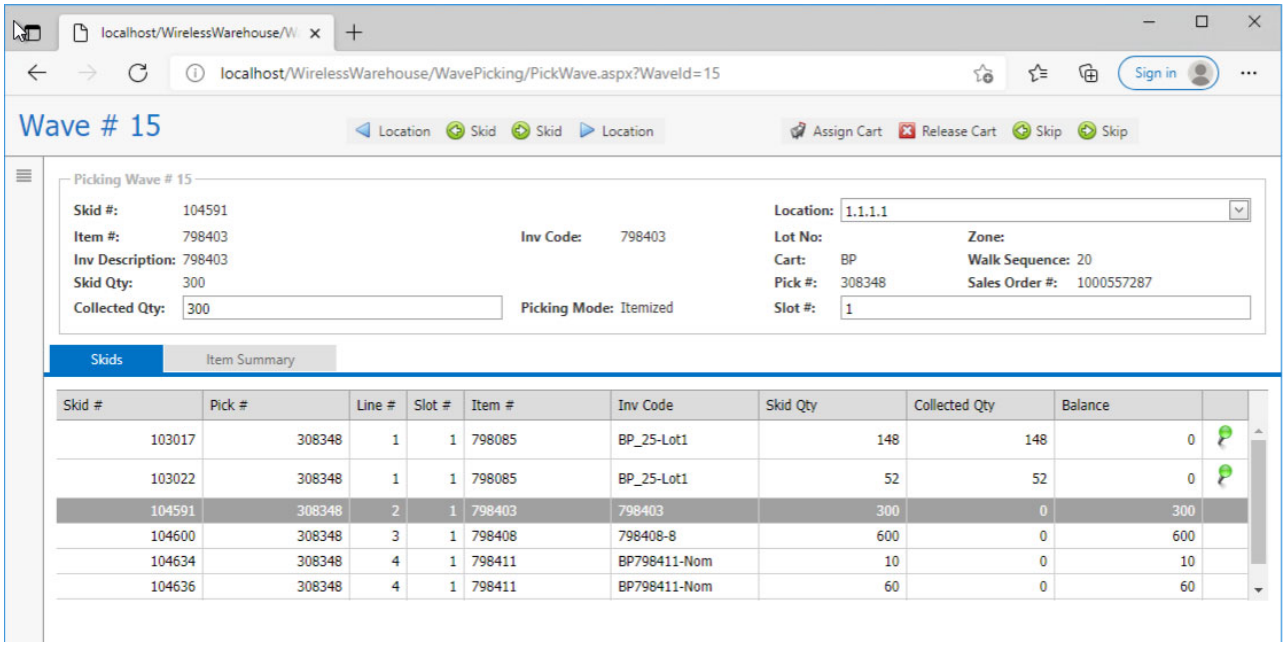


This will show the user all the items associated to the selected wave. From here, the user can select any of the other skids to work on.

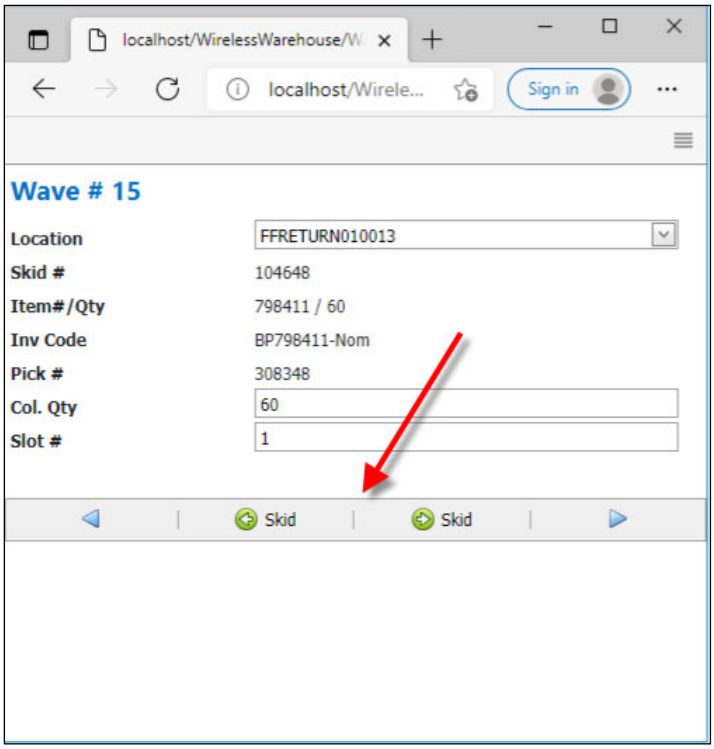


Skid #	Location	Inv. Code
104648	FFRETURN010013	BP798411-Nom
104649	FFRETURN010013	BP798411-Nom
103017	1.1.1.1	BP_25-Lot1
103022	1.1.1.1	BP_25-Lot1
104591	1.1.1.1	798403
104600	1.1.1.1	798408-8
104634	1.1.1.1	BP798411-Nom
104636	1.1.1.1	BP798411-Nom
104637	1.1.1.1	BP798411-Nom

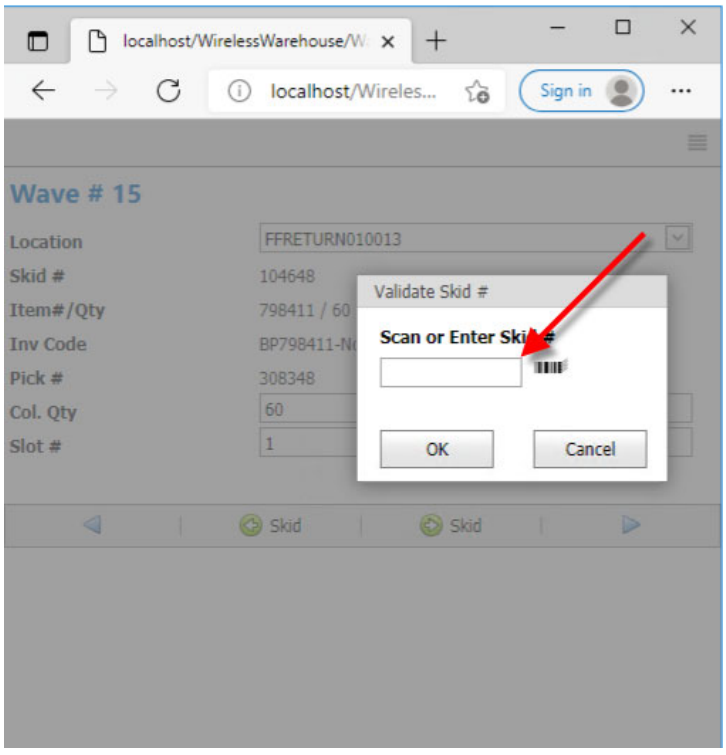
Below shows the original, uncondensed format of the screen.



For the validation of the skid and the slots, that validation will appear once the user clicks on the forward or the back skid buttons.

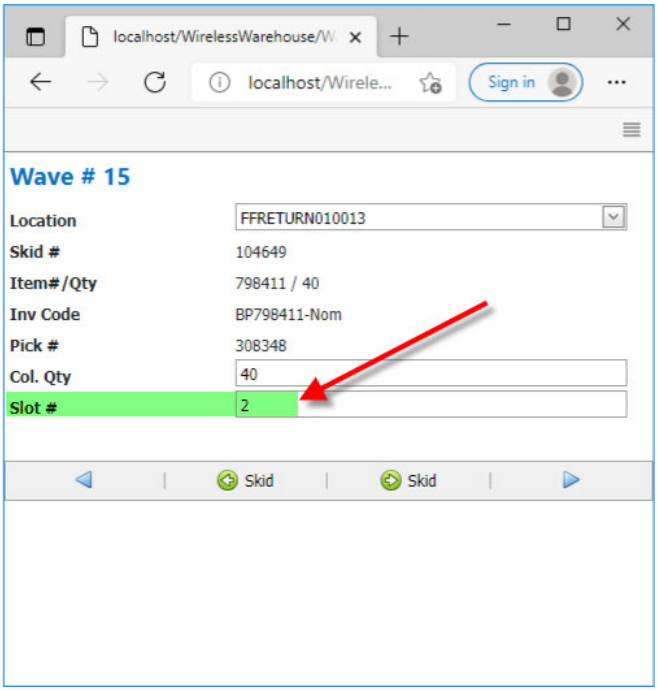


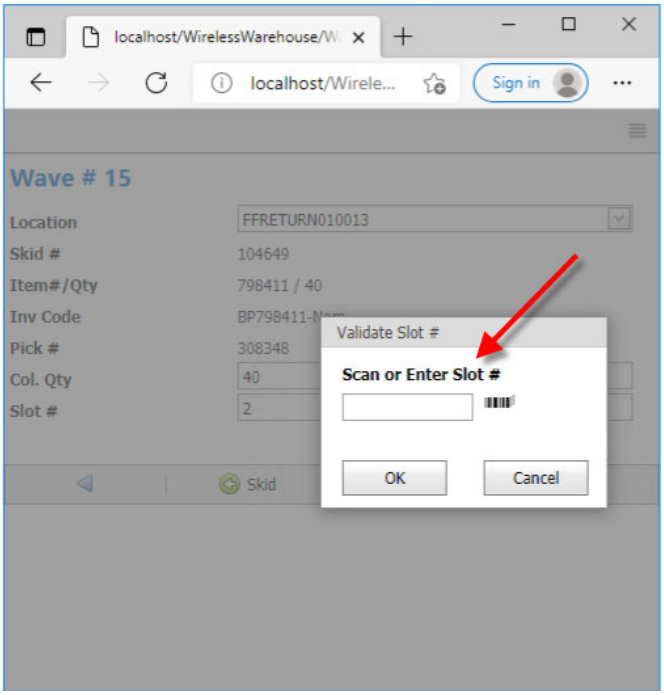
This action indicates the line is being picked and the validation for the skid appears. The system will want the user to scan the skid id or manually enter it into the field.



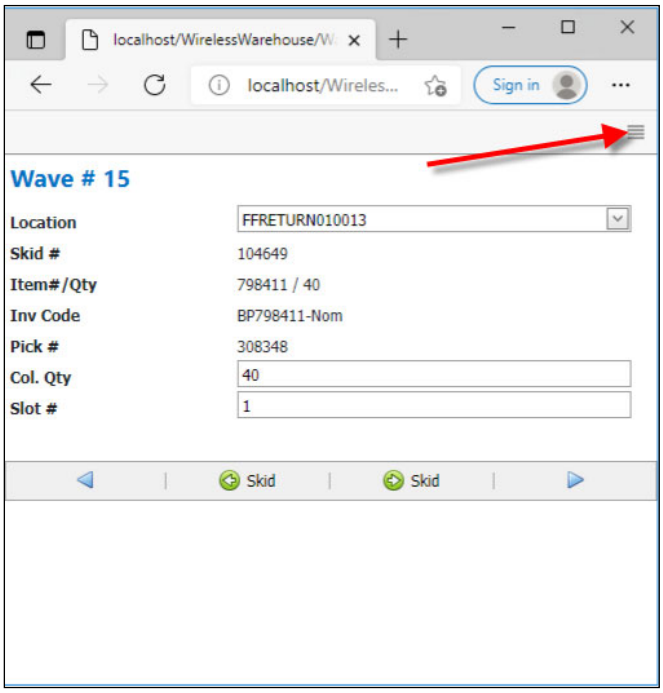
Once the skid has been validated, the system will ask the user to validate the slot. The slot # to be entered is the number that is provided on the main screen. This number can be modified but will default to 1 if the system is using carts. If the cart is not setup for slots, the system will default the field to nothing.

Below shows the slot was entered as 2, this means for the validation, 2 has to be entered into the validation field. This field can be scanned as well

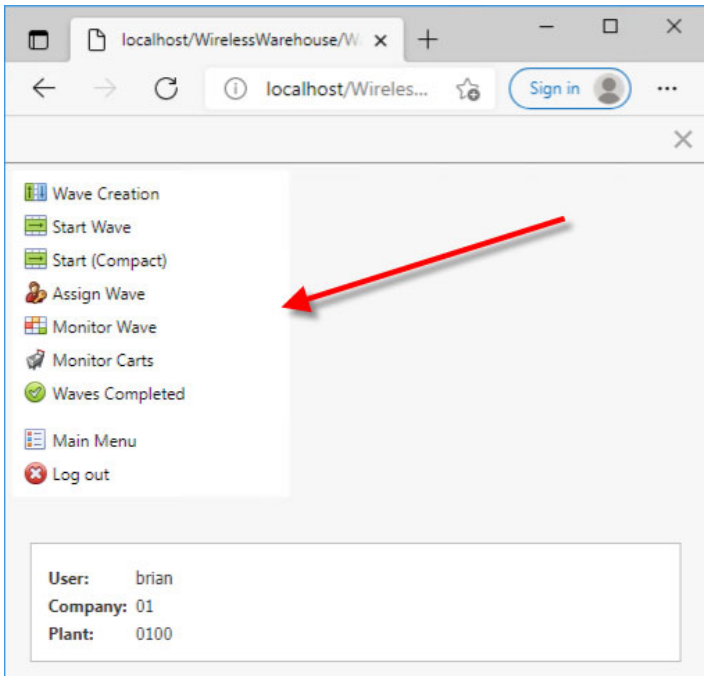




For the Wave Compact layout, we have moved the main menu option to the upper right corner of the screen. This will allow the user access to the the other wireless features, as well as to allow them to logout.



Below shows the main menu options.

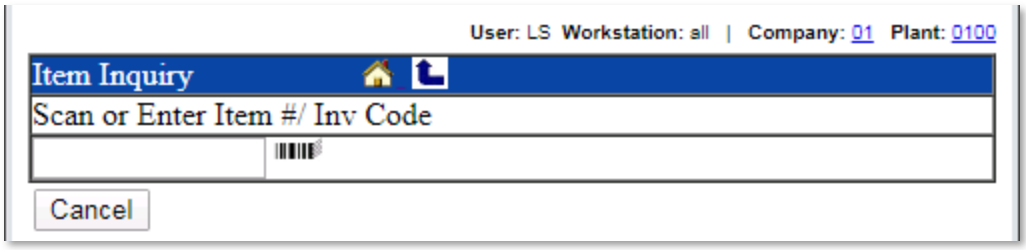


Inquiry

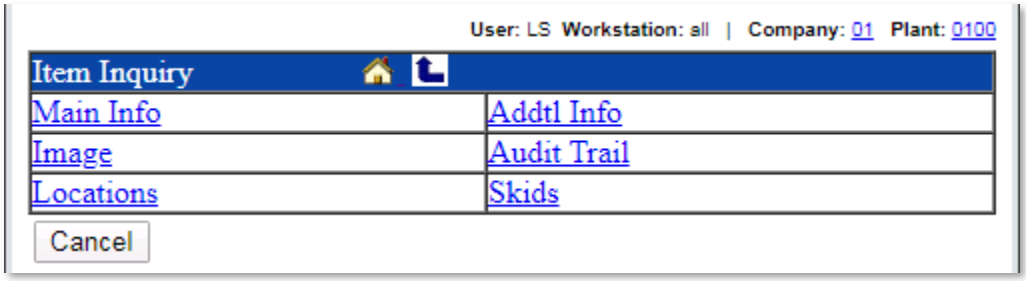
This area of Wireless Warehouse allows you to look at an abbreviated version of Master Files Inventory and review **Skid** and **Location** details.

Item Inquiry

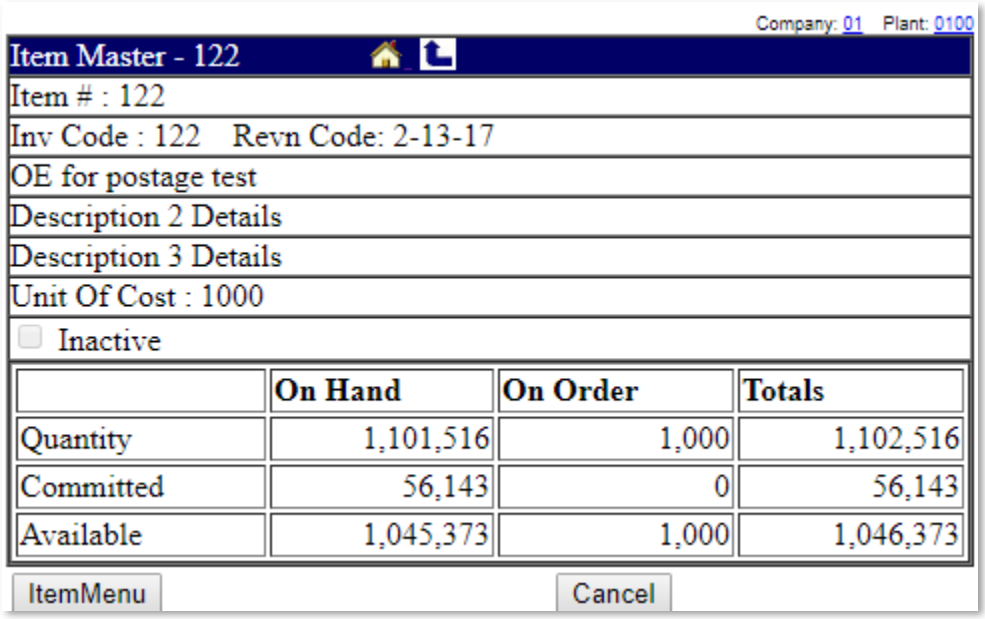
Scan the Item # or Inventory Code you wish to view.



At the Item Inquiry screen, you can view the Main Information, the Item Image, the Items Locations, the Additional Information, the Audit Trail, and the Skid Details.



Main Information



Additional Info

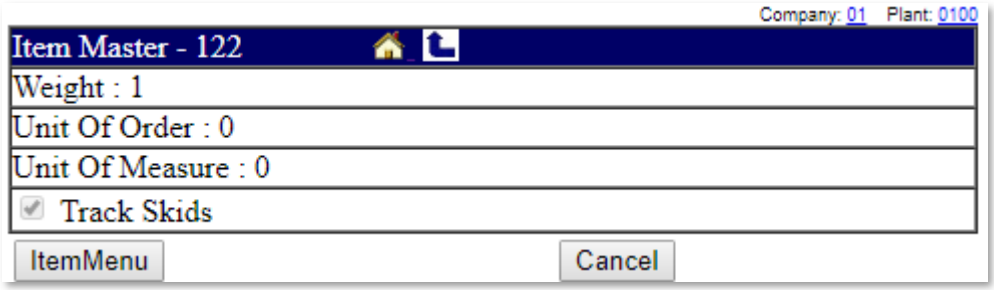


Image (if available)

Company: 01 Plant: 0100

Item Master - 122

OE

ItemMenu Cancel

Audit Trail

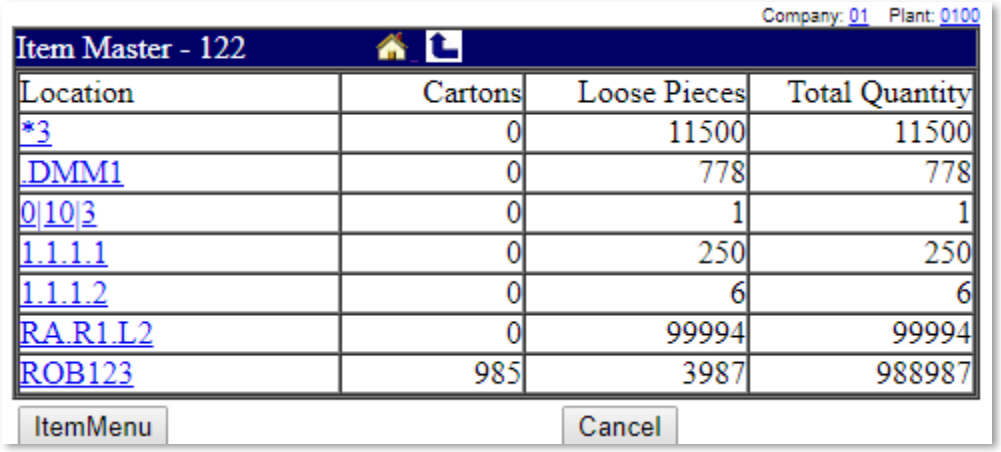
Company: 01 Plant: 0100

Item Master - 122

Date	Type	Location	Qty	User
04/15/2019	Destroy	RA.R1.L2	-1	LS
03/14/2019	Return	*3	1500	ls
03/14/2019	Return	*3	7000	ls
03/14/2019	Issue	ROB123	-7000	ls
03/14/2019	Return	*3	2000	ls
03/14/2019	Return	*3	466	ls
03/14/2019	Issue	ROB123	-7466	ls
03/11/2019	Return	*3	11	ls
03/11/2019	Return	*3	7	ls
03/11/2019	Return	*3	5	LS
03/11/2019	Issue	ROB123	-5	ls
03/11/2019	Issue	ROB123	-7	ls
03/11/2019	Issue	ROB123	-11	LS
03/04/2019	Return	*3	10	LS
03/04/2019	Issue	ROB123	-10	LS
01/31/2019	Destroy	RA.R1.L2	-2	LS
01/11/2019	Destroy	ROB123	-1	LS
01/10/2019	Destroy	0|10|3	-8	LS
01/10/2019	Destroy	1.1.1.2	-9	LS
10/17/2018	Receipt	ROB123	17	LS

ItemMenu Next Cancel

Location Detail



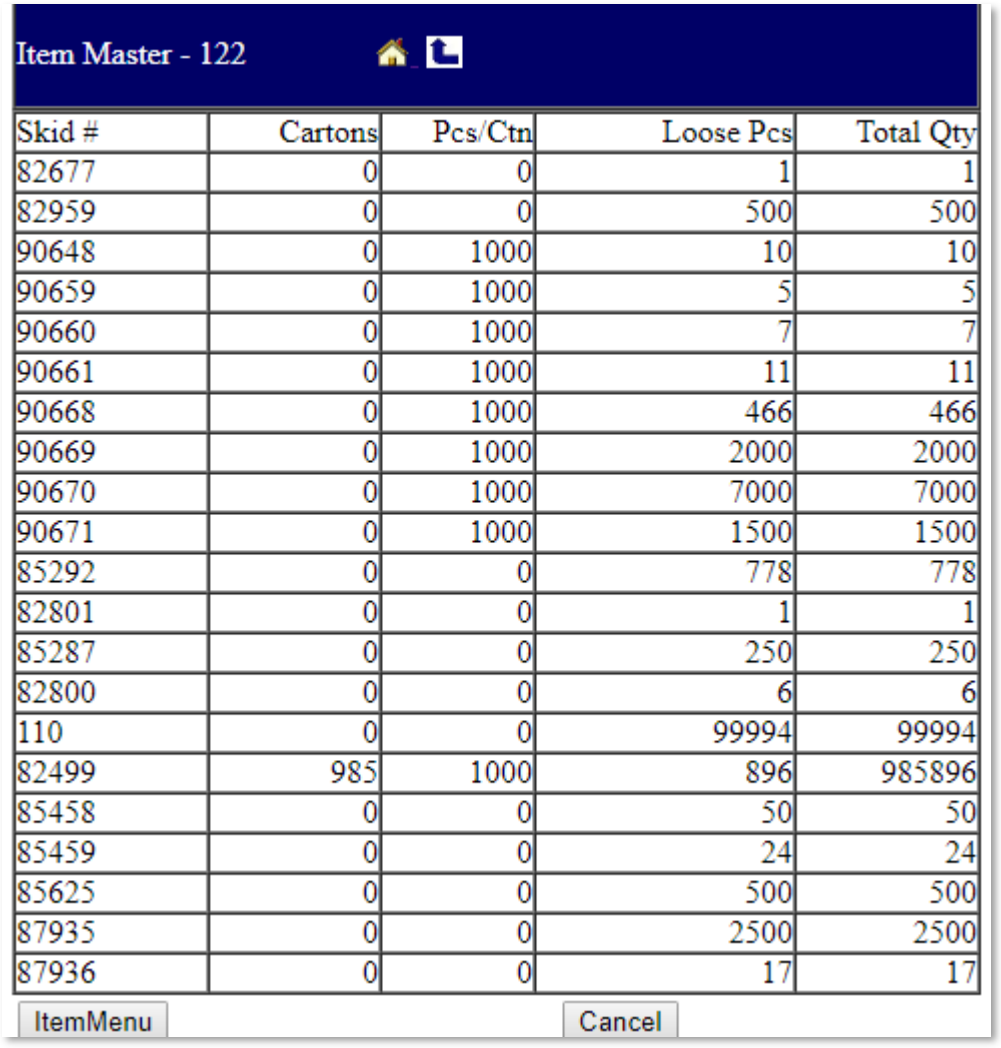
Company: 01 Plant: 0100

Item Master - 122

Location	Cartons	Loose Pieces	Total Quantity
*3	0	11500	11500
.DMM1	0	778	778
0|10|3	0	1	1
1.1.1.1	0	250	250
1.1.1.2	0	6	6
RA.R1.L2	0	99994	99994
ROB123	985	3987	988987

ItemMenu Cancel

Skid Detail



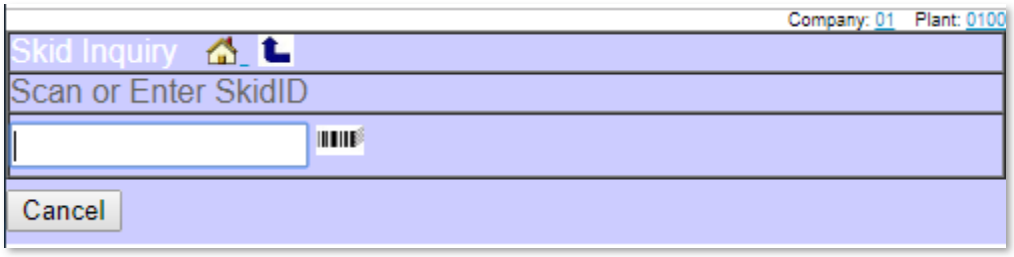
Item Master - 122

Skid #	Cartons	Pcs/Ctn	Loose Pcs	Total Qty
82677	0	0	1	1
82959	0	0	500	500
90648	0	1000	10	10
90659	0	1000	5	5
90660	0	1000	7	7
90661	0	1000	11	11
90668	0	1000	466	466
90669	0	1000	2000	2000
90670	0	1000	7000	7000
90671	0	1000	1500	1500
85292	0	0	778	778
82801	0	0	1	1
85287	0	0	250	250
82800	0	0	6	6
110	0	0	99994	99994
82499	985	1000	896	985896
85458	0	0	50	50
85459	0	0	24	24
85625	0	0	500	500
87935	0	0	2500	2500
87936	0	0	17	17

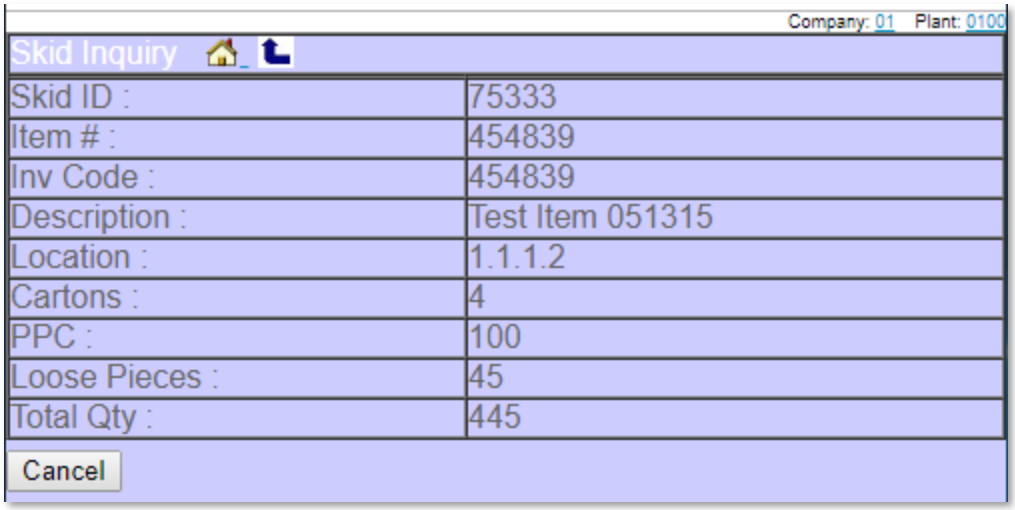
ItemMenu Cancel

Skids

If you have a Skid and you want to view the detail of the Skid, scan the Skid barcode.



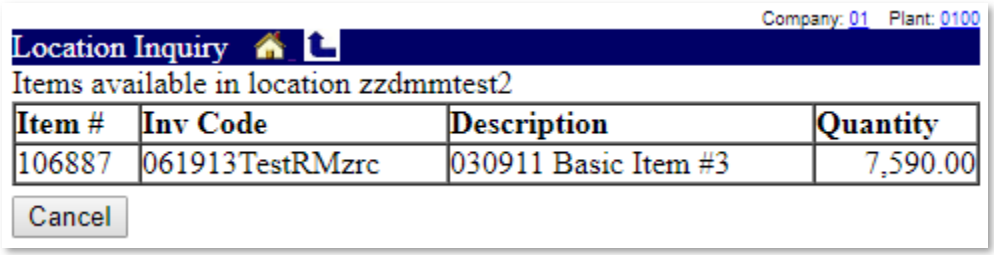
The details of that Skid display.



Locations

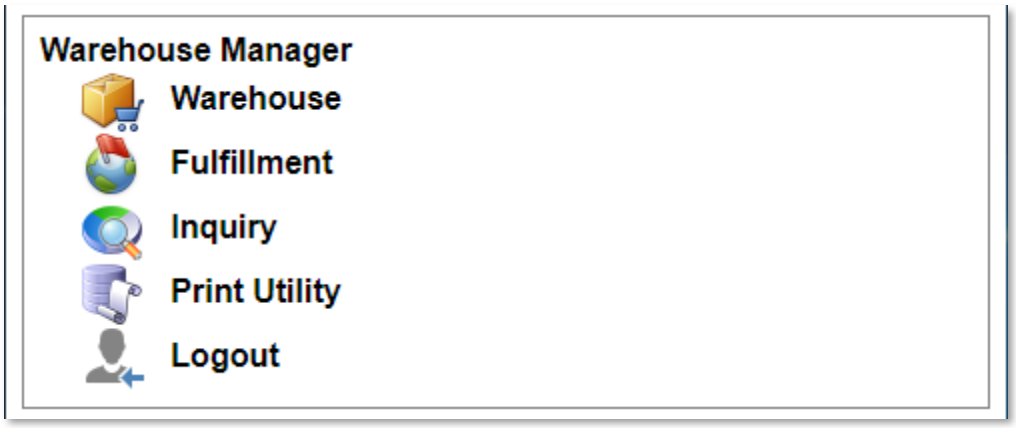
If you wish to know all items in a particular location, scan the location barcode.

A list of all items, descriptions, and quantities in that location displays.



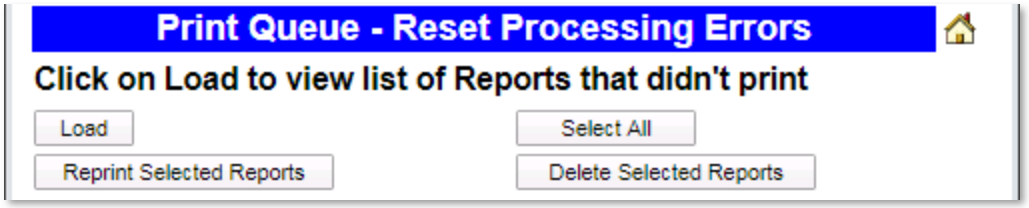
Print Utility

A print utility was recently added to the Wireless Menu.



If inventory reports in wireless of any kind fail to print for any reason, this utility can be used to view, select, and reprint any reports that were not originally printed.

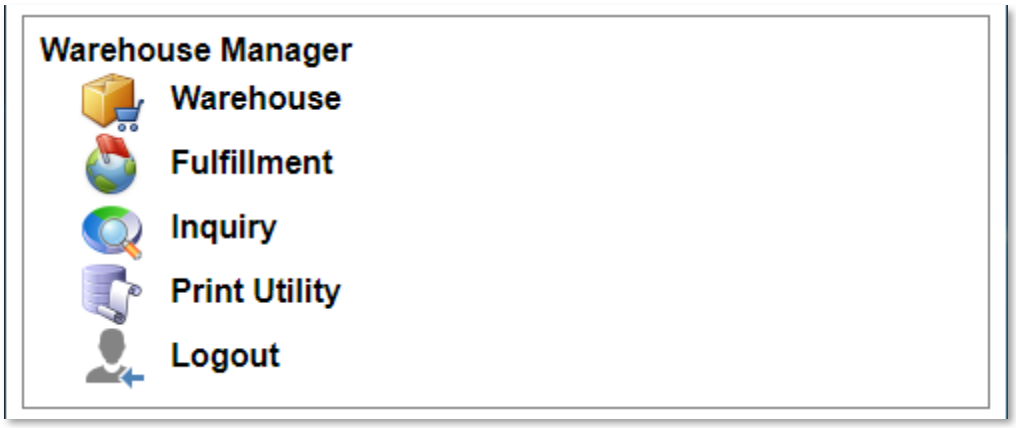
After opening this screen, click the **Load** button to display a listing of reports that were not printed. Click any individual report or select them all. Then click the **Reprint Selected Reports** button.

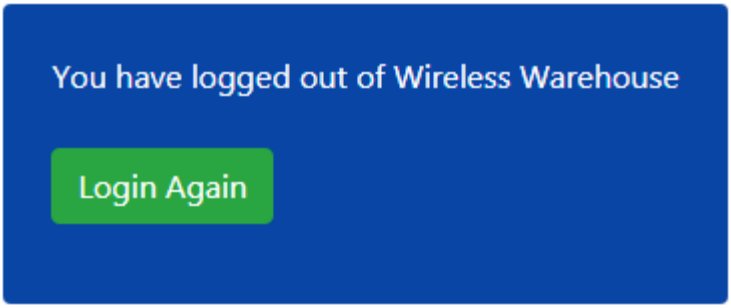


You may also choose the option to delete the selected reports if you do not want to print them.

Logout

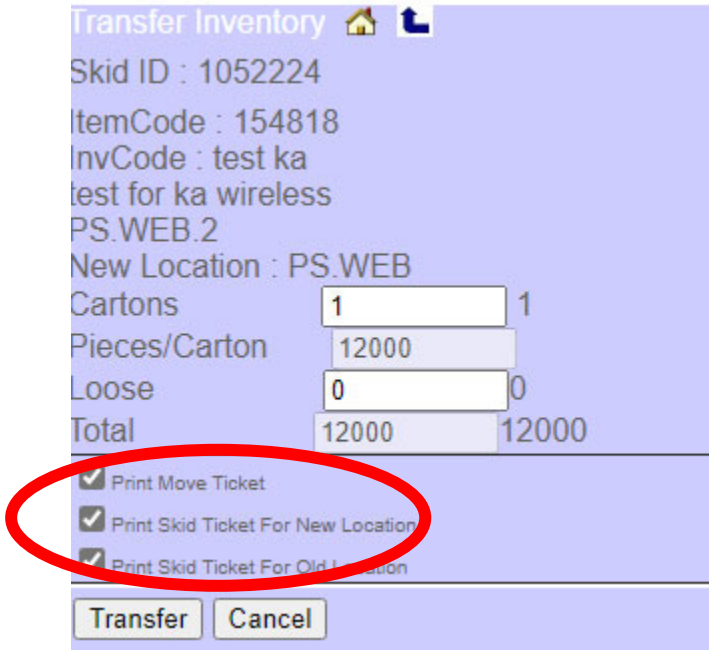
Use to Logout of Wireless Warehouse website.



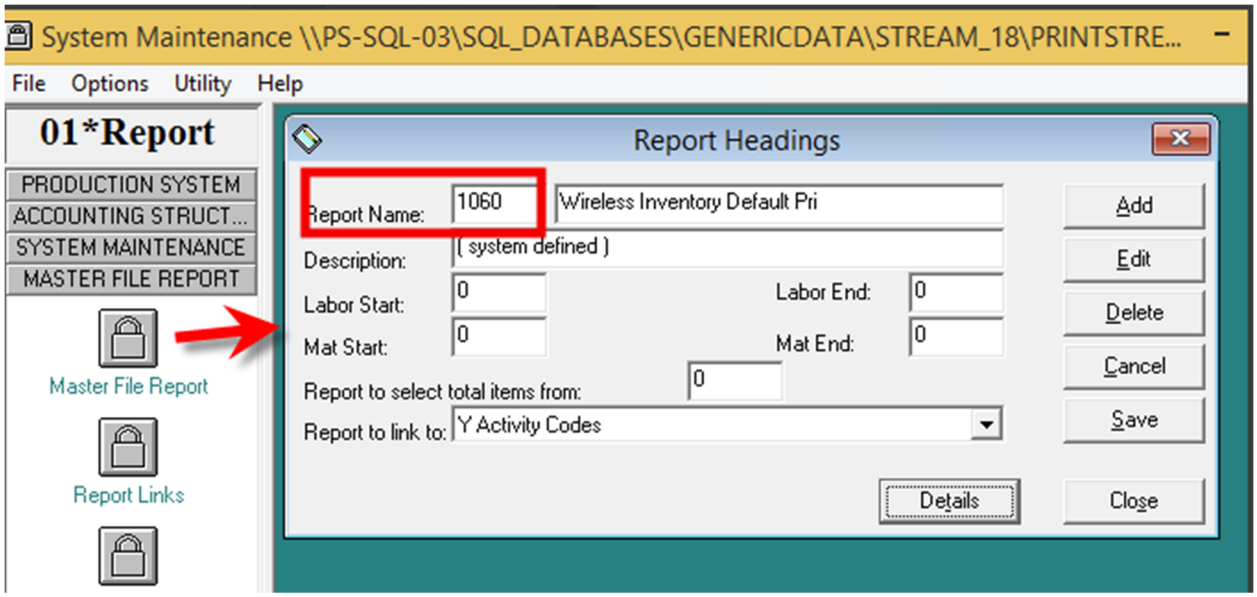


Printing Ticket Controls

In many screens you have options check boxes to select tickets for printing.

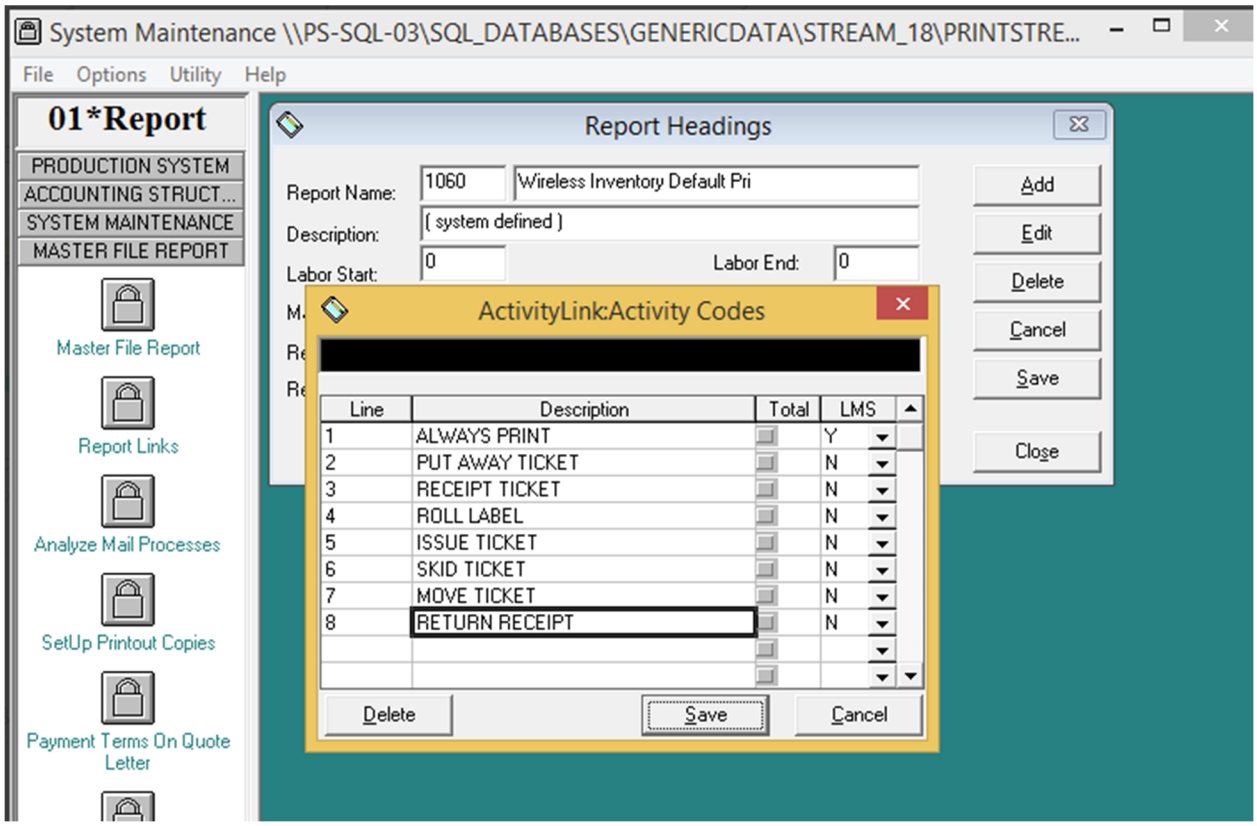


To set defaults for these printing controls, navigate to Master File Reports > Master File Report, enter Report #**10602** (the program doesn't display the full number), select the Details button . . .



Here is where you can setup the defaults for the printing options.

Select either Y or N in the LMS column for the report type and Save.



Device Recommendations

The recommended device varies based on the wireless task. As for Device requirements the device has to be able to open a browser and support Java Script. **Our recommendation is that you rent or borrow the device to test with your users before you purchase any device.**

Receiving – this is typically done back by the loading dock, there are no barcodes to scan when an item is received until you print the skid tickets after the receipt is confirmed, so it makes more sense that this be done on a computer using the core Inventory Receiving program not wireless. Receiving on the computer allows you to batch items from the same customer on the same receipt so it is more efficient than receiving each item separately. You could also use a small laptop for this function if there was no workstation in that area.

Put Away, **Transfers**, and **Issues** of material if done using a Forklift you may want to use a small simple laptop with a key wedge scanner. If a Forklift is not used, then you could use a handheld device for those transaction types.

Physical Adjustments – for a single skid of material. A handheld device would be the best option for doing this.

Confirmation of items Picked – A handheld device would be the best option for doing this.

Pick Confirmation – This could be done on a handheld device as well but since the confirmation is done at a staging area it is typically done on a PC running the wireless program. Having a larger view of the items you are scanning to put into the boxes is beneficial here.

Inventory inquiry – this can be done on a handheld device

Note - we advise that the minimum viewport width for devices is 480. Here is a link that will show viewport size and widths. Viewport Sizes.

Suggested Devices

Panasonic ToughPad FZ-X1 – handheld

Panasonic ToughPad – also has Tablet sized devices

Apple – iPad or IPad Mini – with wireless scanner - Tablets