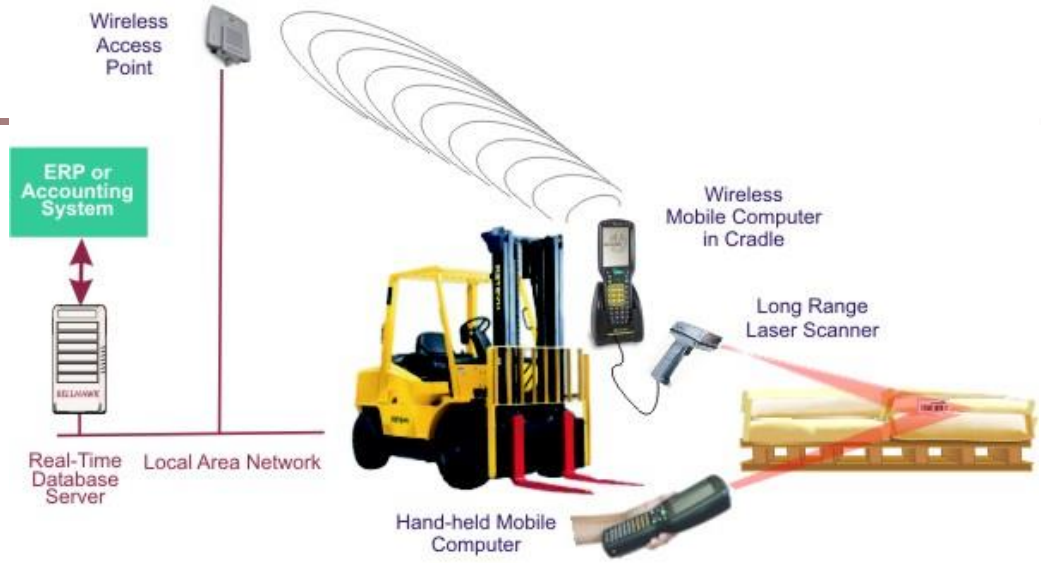
MDS WMS Training Guide

Utilizing MDS WMS software on the handheld

WiFi Equipment Schematic



MDS WMS Server

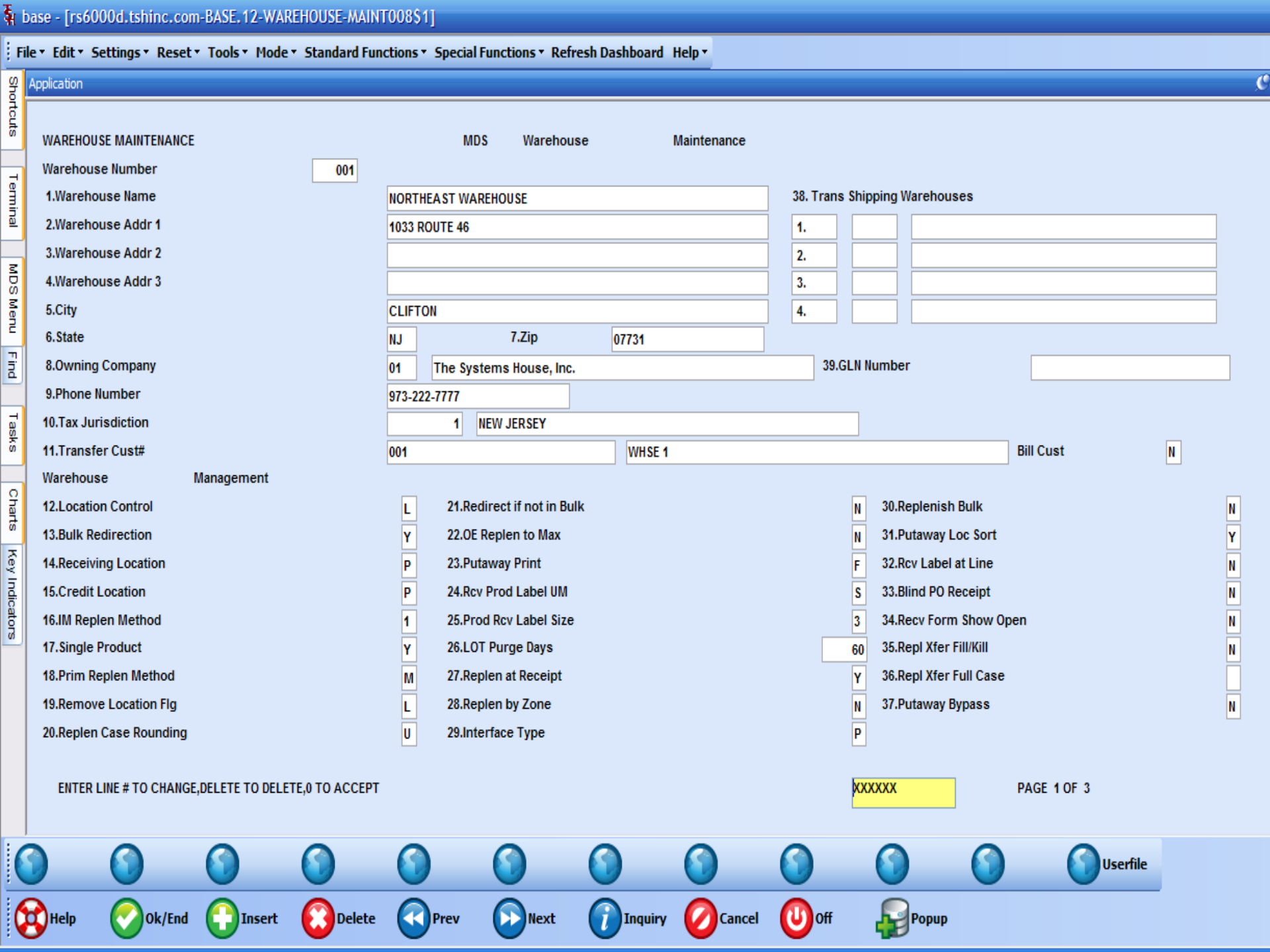
- Wireless Picking
- Wireless Receiving
- Wireless Inventory And Replenishment

MDSWMS
Handheld Software Installation

- You would need to download the correct release for your install. if you have a custom install file - please install that version. It should have 3 files
  - 1. NETCFXXXXv-XX-CPU.zip [Dot Net Framework for your device (ARM/CPU etc]
  - 2. MDSWMSinstall.zip [contains the CAB files with the executeable software]
  - 3. app.config file - the config file for your user.
- To install (typically this is done while the device is cradled and you can copy
- files to it.) if you do not have the option to copy files you can use an memory card. or you can download from the internet.
- Step 1. You install the NETCF file first by downloading to the handheld and running the install - the zip files have a CAB inside which can be installed by clicking on it.
- Step 2. You then copy the mdswmsinstall.zip - double click the CAB file to install and copy the the app.config file into the programs\mdswms folder. Note: The program will abort if it is missing. When starting MDSWMS for the first time, you will need to go to settings and setup their IP, login etc and save their app.config.
- Remember the operator must be setup with a picker, wms menu options and operator process codes for the programs. The warehouse flags should be setup for the wireless warehouse settings they want. (picking, putaways etc)

MDSWMS Operator Setups

- For each operator choose the menu options that will be displayed on the handheld menu.
- Operator Process codes:
  - Inventory inquiry, Batch Picking, Picking, Verification, Pallet Loading and Zone inquiry require code OE.
  - Replenishment Picking, Replenishment Putaway require code PR.
  - Purchase order putaways require code RS.
  - Physical Inventory Tag entry requires code IN.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File Edit Settings Reset Tools Mode Standard Functions Special Functions Refresh Dashboard Help
Shortcuts
Terminal
MDS Menu
Find
Tasks
Charts
Key Indicators
Application
WAREHOUSE MAINTENANCE MDS Warehouse Maintenance
Warehouse Number 001
1.Warehouse Name NORTHEAST WAREHOUSE
2.Warehouse Addr 1 1033 ROUTE 46
3.Warehouse Addr 2
4.Warehouse Addr 3
5.City CLIFTON
6.State NJ
7.Zip 07731
8.Owning Company 01 The Systems House, Inc.
9.Phone Number 973-222-7777
10.Tax Jurisdiction 1 NEW JERSEY
11.Transfer Cust# 001 WHSE 1
38. Trans Shipping Warehouses
1.
2.
3.
4.
39.GLN Number
Bill Cust N
Warehouse Management
12.Location Control L
13.Bulk Redirection Y
14.Receiving Location P
15.Credit Location P
16.IM Replen Method 1
17.Single Product Y
18.Prim Replen Method M
19.Remove Location Flg L
20.Replen Case Rounding U
21.Redirect if not in Bulk N
22.OE Replen to Max N
23.Putaway Print F
24.Rcv Prod Label UM S
25.Prod Rcv Label Size 3
26.LOT Purge Days 60
27.Replen at Receipt Y
28.Replen by Zone N
29.Interface Type P
30.Replenish Bulk N
31.Putaway Loc Sort Y
32.Rcv Label at Line N
33.Blind PO Receipt N
34.Recv Form Show Open N
35.Repl Xfer Fill/Kill N
36.Repl Xfer Full Case
37.Putaway Bypass N
ENTER LINE # TO CHANGE,DELETE TO DELETE,0 TO ACCEPT
XXXXXX
PAGE 1 OF 3
Userfile
Help Ok/End Insert Delete Prev Next Inquiry Cancel Off Popup

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File Edit Settings Reset Tools Mode Standard Functions Special Functions Refresh Dashboard Help

Shortcuts Terminal MDS Menu Find Tasks Charts Key Indicators

Application

MDS Warehouse Maintenance

Warehouse Number 001

40.Track WO InUse Y
41.Default Inv Qty Y
42.Check Avail in OE Y
43.VE Line Errors 1
44.Allow PROD.DET Y
45.PO EMail Reply support@tshinc.com
46.PF EMail Reply
47.Pick Ticket Email SUPPORT@TSHINC.COM
48.Ship Method 11 PICKUP
49.Location Format XXXXXXXXXXX
50.Location Match 0X
51.Cutoff Time
52.PO Line Input Desc3 V
53.EOD Receiver Rpt Email
support@tshinc.com
55.POS Receipt Message 2 DELIVER TO BACK DOOR OI
54.POS Receipt Message 1 HANDLE WITH CARE

56.Pandemic Warehouse
57.Replenish From Warehouses
1
2
3
58.Pandemic Shelf Life 0
59.Include in Daily Balance Y

Wireless Warehouse

60.Wireless Picking N
61.Putaway Method Y
62.Replenishment Method Y
63.Wireless Tote Y
64.Tote Purge Days 0
65.Wireless PA Opt N
66.Pick by Zone N
67.Batch by Zone N
68.Force Pick Quantity N

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Userfile

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File Edit Settings Reset Tools Mode Standard Functions Special Functions Refresh Dashboard Help

Shortcuts Terminal MDS Menu Find Tasks Charts Key Indicators

Application

MDS Picking Ticket Assignment

Picker ALL Pick Status A Mode UPDATE

	Release	S	Date	Time	Ship-To	SV	PR	S	S	Car	S	Blk	Qty	BT	ID	S	LUM	BT	ID	S
1	01A05511001	U	06/06	14:38	Rosenberg Optical C	01	5				C					C	1			
2	01A05512001	A	06/06	14:58	DR. LIPTON	01	5				C					C	1		07	
3	01A05513001	P	06/06	14:59	ACCUMED DIAGNOST	01	5				C					C	1		07	P
4	01A05515001	P	06/06	15:16	ACCUMED DIAGNOST	01	5				C					C	1		07	P
5	01A05504001	C	06/05	15:13	ACCUMED DIAGNOST	01	5				C					C	1		07	C
6	01A05505001	C	06/05	15:14	DR. LIPTON	01	5				C					C	1		07	C
7	01A05506001	C	06/05	15:15	Rosenberg Optical C	01	5				C					C	2		07	C
8	01A05507001	C	06/05	15:16	Rosenberg Optical C	01	5				C					C	3		07	C
9																				
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base - [rs6000d.tshinc.com-BASE.12-PICK.TICKET.ASSIGN012$1]

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2	01A05512001	A	06/06	14:58	DR. LIPTON	01	5				C					C	1		07	
3	01A05516001	U	06/06	15:27	Dr. Kevin Smith	77	5				C					C	1			
4	01A05517001	U	06/06	15:32	Dr. Kevin Smith		5				C					C	1			
5	01A05519001	U	06/06	16:51	DR. LIPTON	01	5				C	1	300				1			
6	01A05513001	P	06/06	14:59	ACCUMED DIAGNOST	01	5				C					C	1		07	P
7	01A05515001	P	06/06	15:16	ACCUMED DIAGNOST	01	5				C					C	1		07	P
8	01A05504001	C	06/05	15:13	ACCUMED DIAGNOST	01	5				C					C	1		07	C
9	01A05505001	C	06/05	15:14	DR. LIPTON	01	5				C					C	1		07	C
10	01A05506001	C	06/05	15:15	Rosenberg Optical C	01	5				C	1	3			C	1		07	C
11	01A05507001	C	06/05	15:16	Rosenberg Optical C	01	5				C	1	6			C	2		07	C
12	01A05518001		06/06	16:44	Rosenberg Optical C	01	5			1	U	1	3			C				C
13																				
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ENTER LINE # TO CHANGE,0 TO ACCEPT XXXXXX

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Help Ok/End Insert Delete Prev Next Inquiry Cancel Off Popup

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Picker ALL Pick Status A Mode UPDATE

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1	01A05511001	U	06/06	14:38	Rosenberg Optical C	01	5				C					C	1			
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6	01A05513001	P	06/06	14:59	ACCUMED DIAGNOST	01	5				C					C	1		07	P
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10	01A05506001	C	06/05	15:15	Rosenberg Optical C	01	5				C	1	3			C	1		07	C
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12	01A05518001		06/06	16:44	Rosenberg Optical C	01	5			1	U	1	3			C				C
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12	01A05518001		06/06	16:44	Rosenberg Optical C	01	5			1	U	1	3			C				C
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ENTER LINE # TO CHANGE,0 TO ACCEPT XXXXXX

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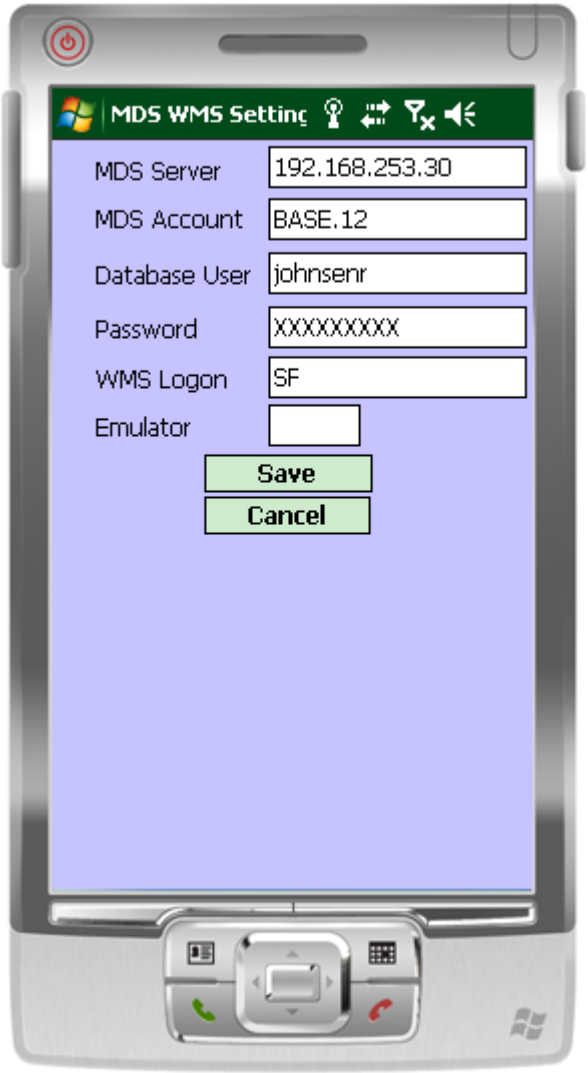
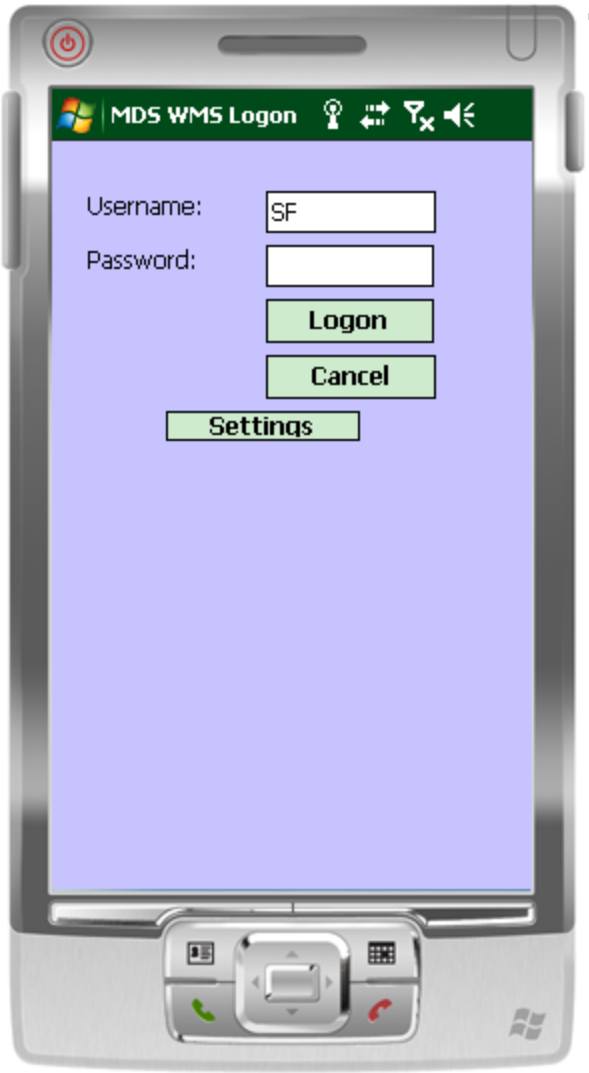
Help Ok/End Insert Delete Prev Next Inquiry Cancel Off Popup

Starting the MDSWMS Application

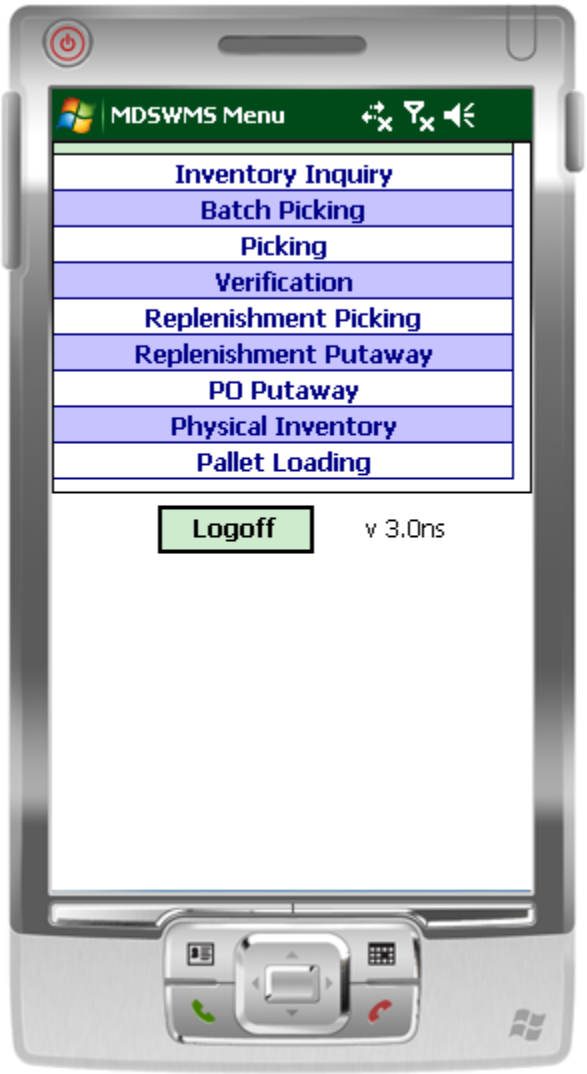
Configuring the MDSWMS Login Screen – for Admin's



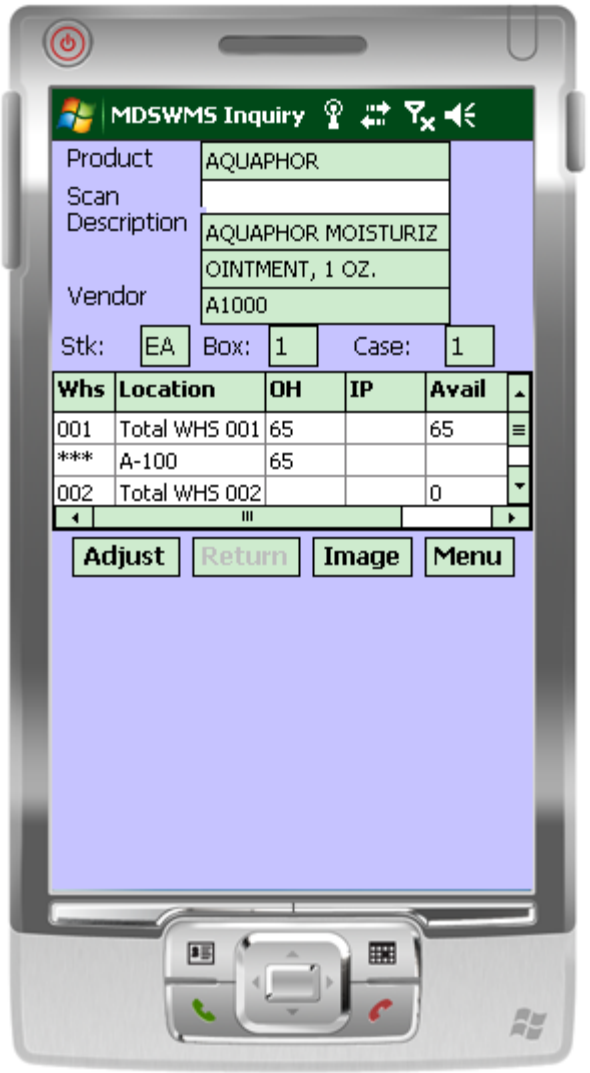
Logging on to the Handheld



MDSWMS Main Menu

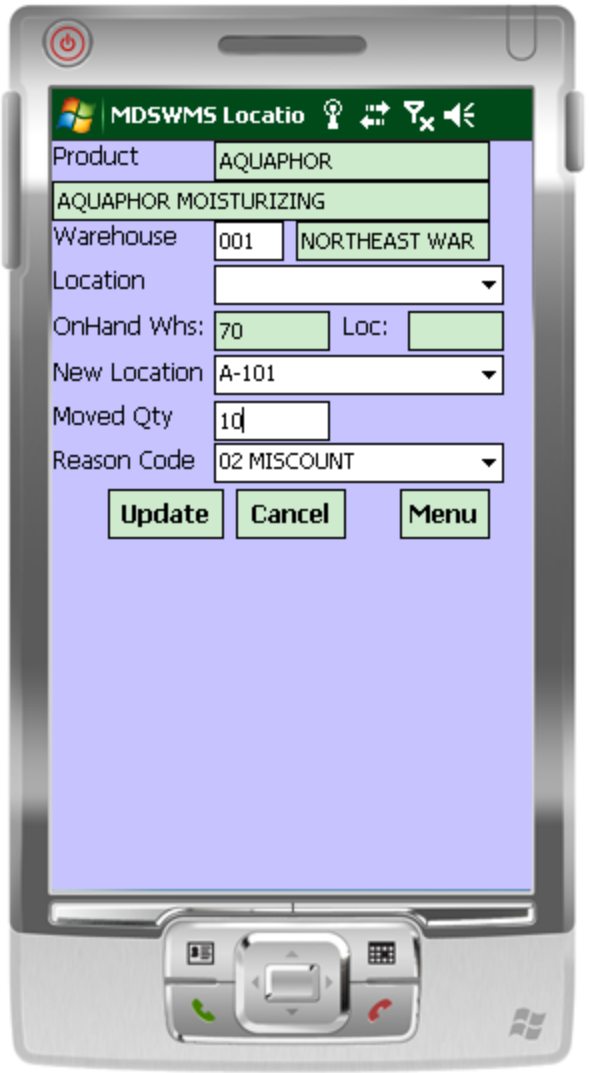


Inventory Inquiry

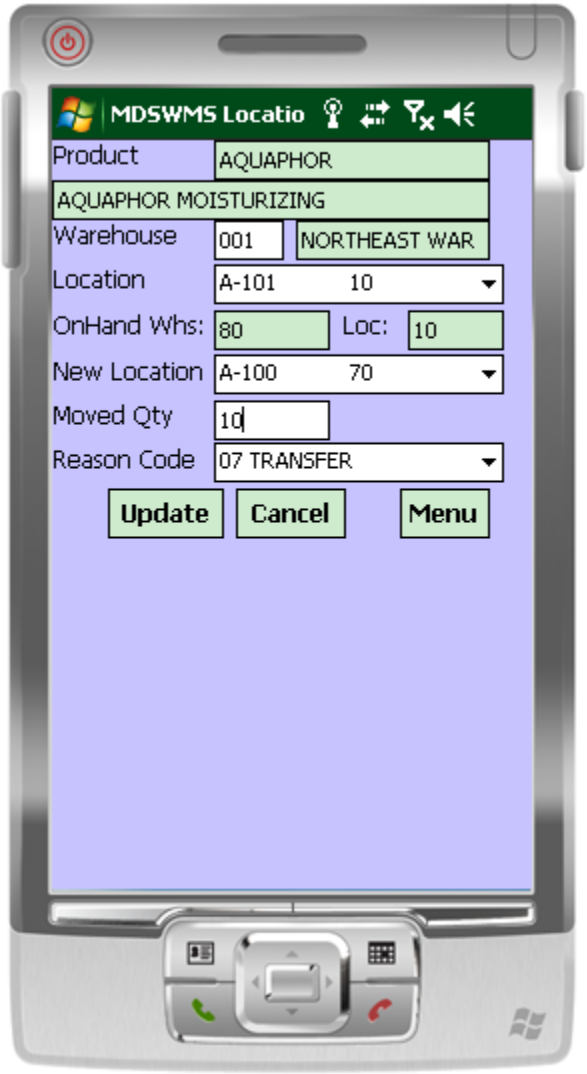


Inventory Inquiry

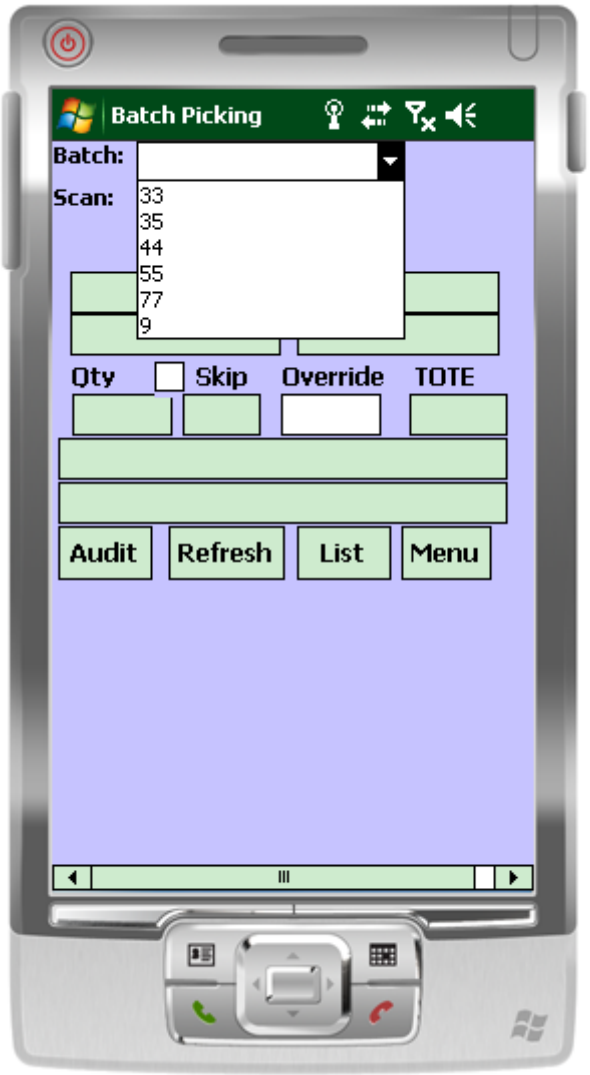
Inventory Inquiry



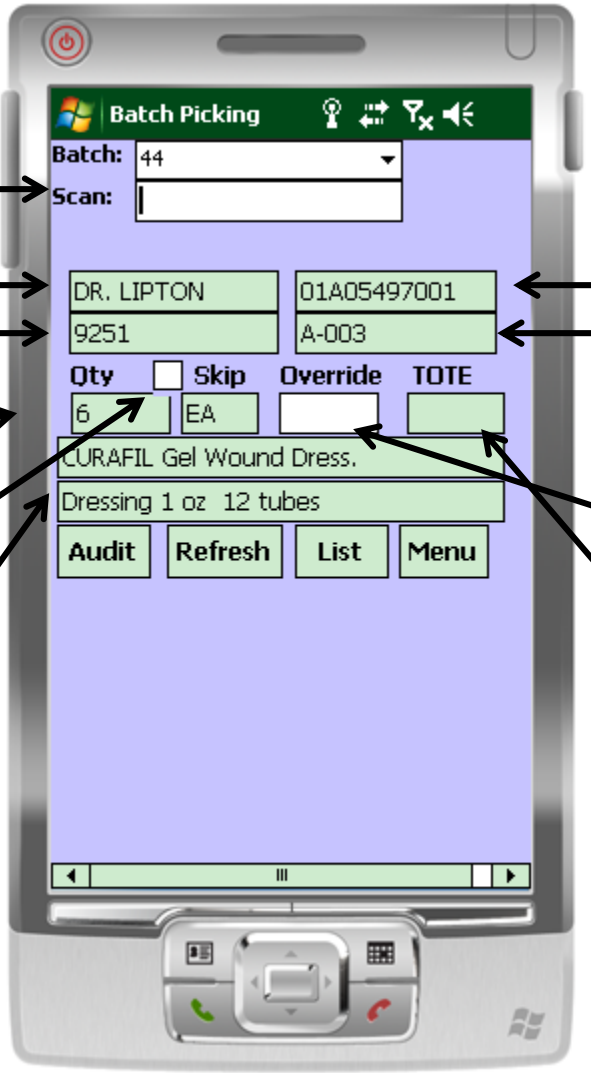
Inventory Inquiry



Batch Picking



Batch Picking



The information scanned, or manually inputted, is entered here.

The customer's ship to name.

The item number.

The quantity to be picked and the unit of measure.

The skip option.

The item description.

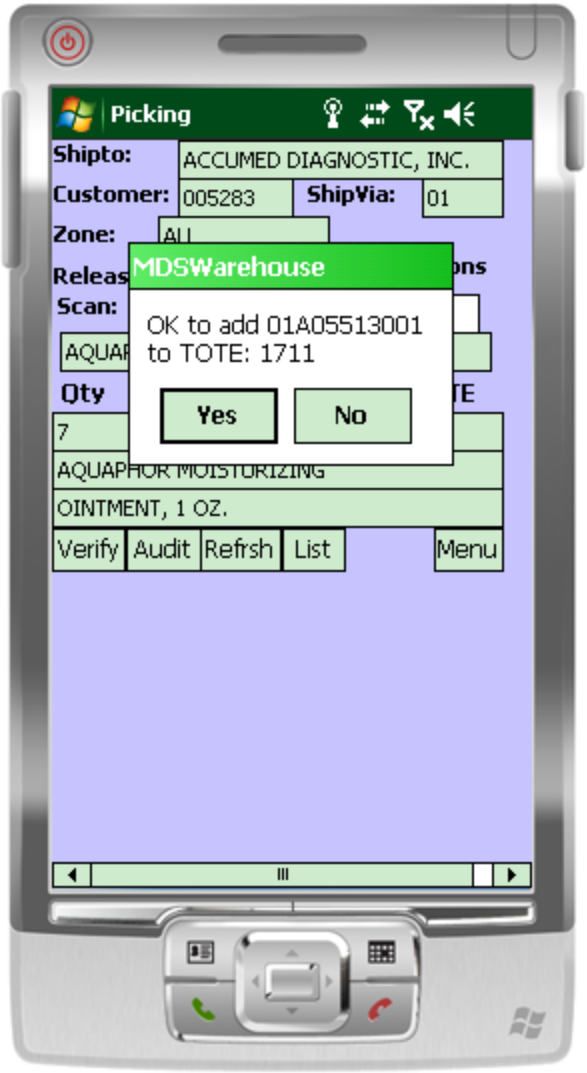
The current release number.

The item location.

The override quantity.

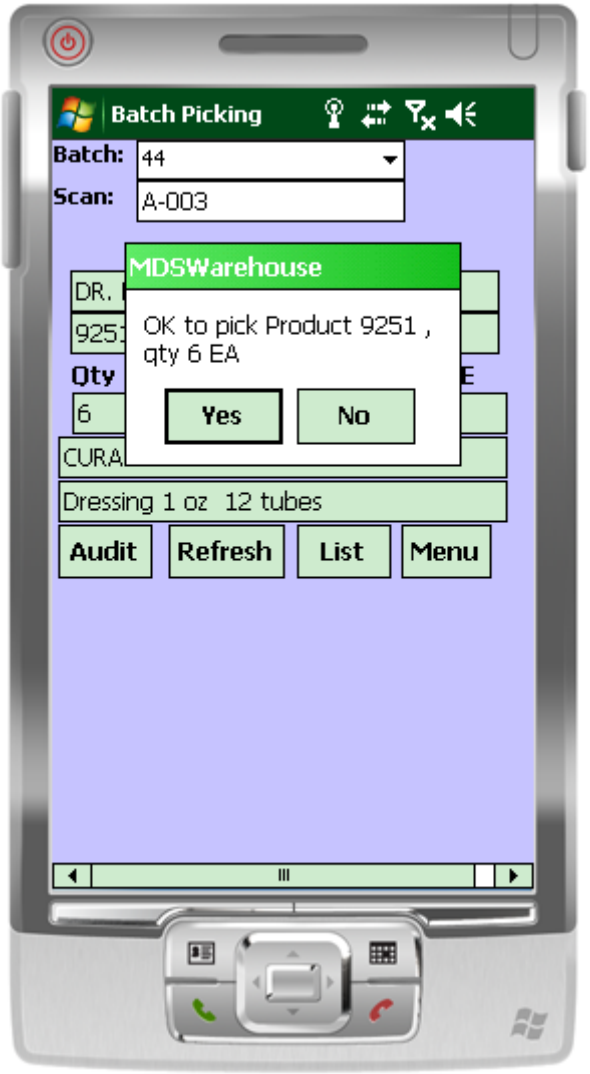
The tote number, if using.

Batch Picking – Using Totes

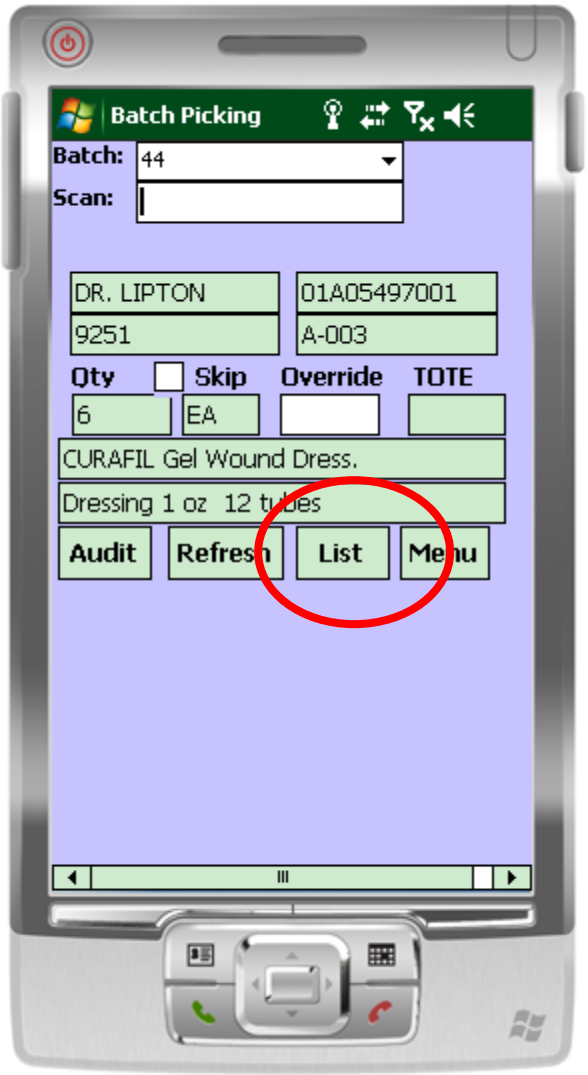


Batch Picking

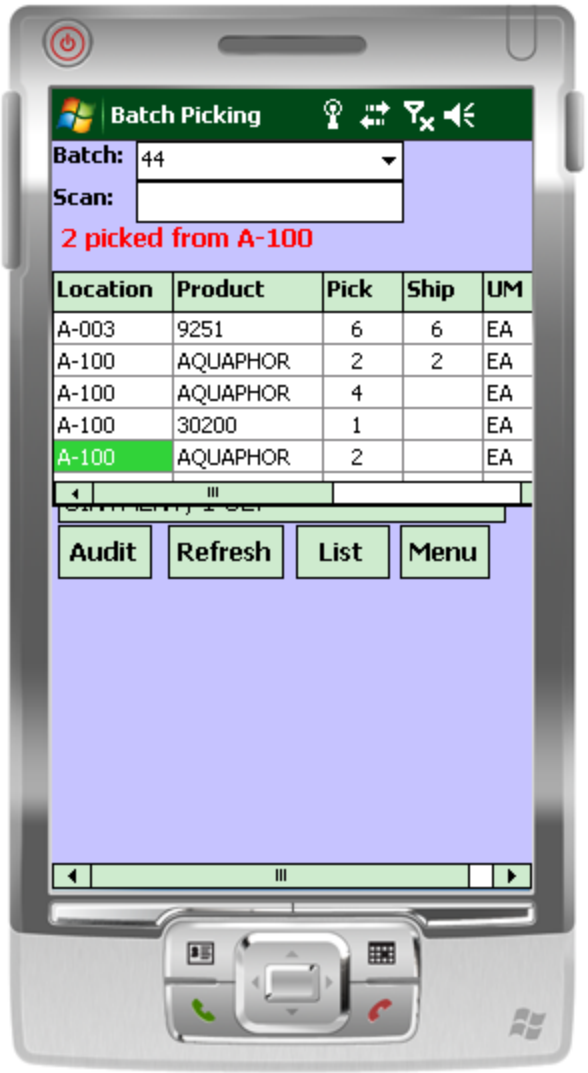
Batch Picking

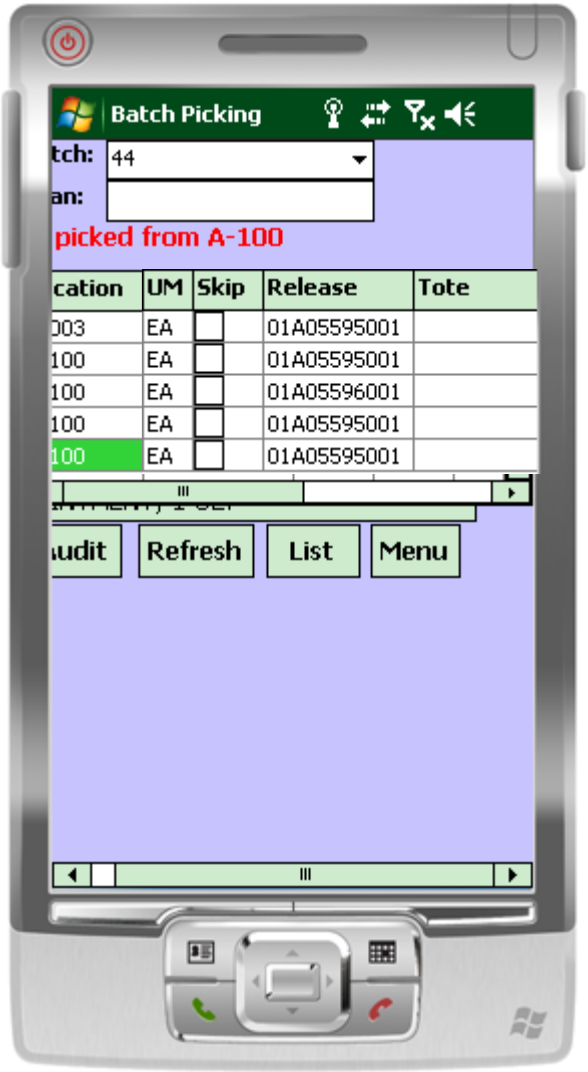


Batch Picking – the List Function

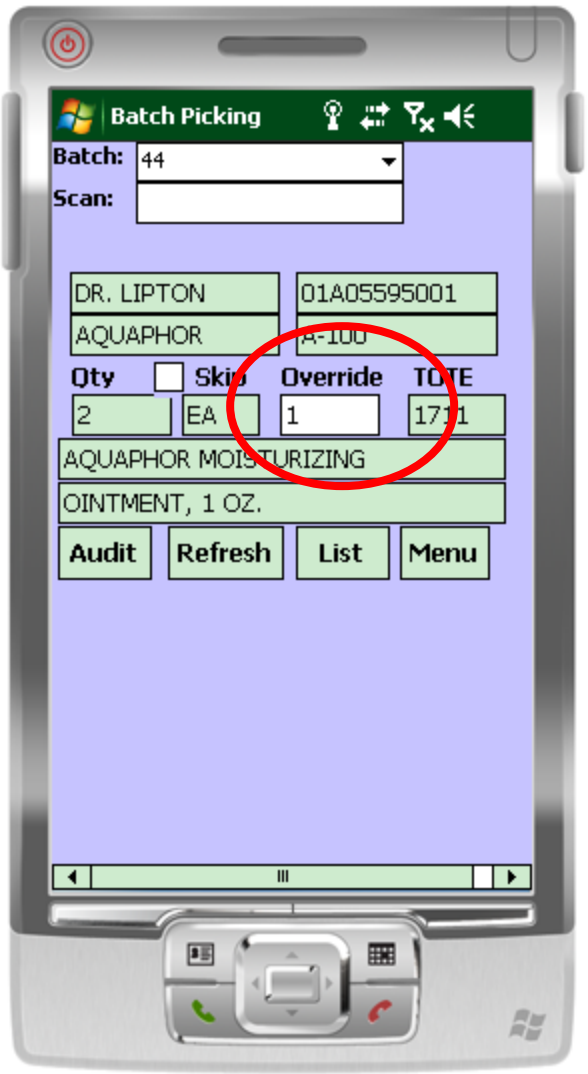


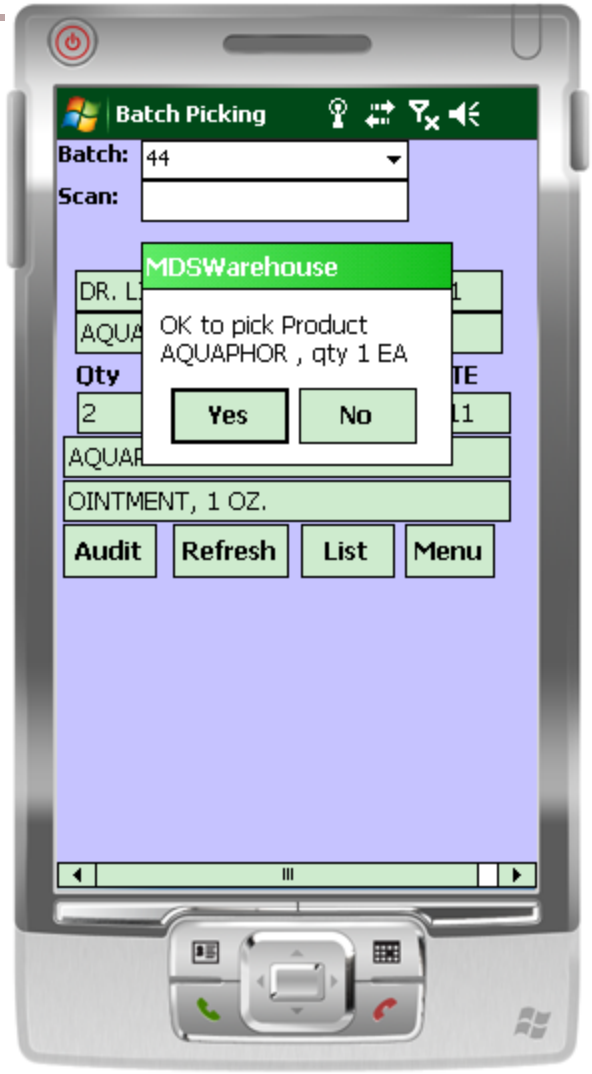
Batch Picking – the List function





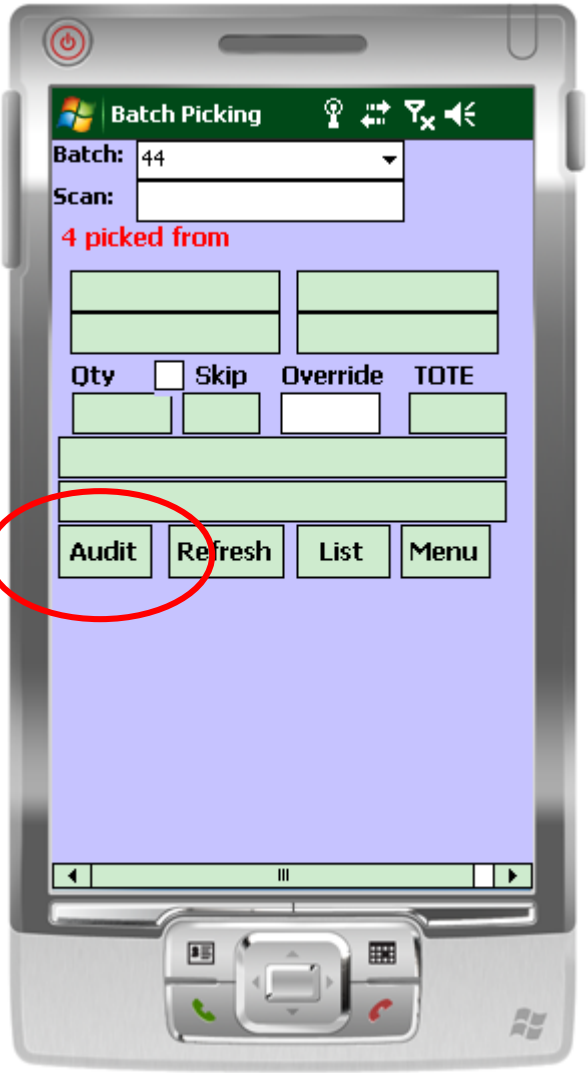
Batch Picking – Manual Overrides



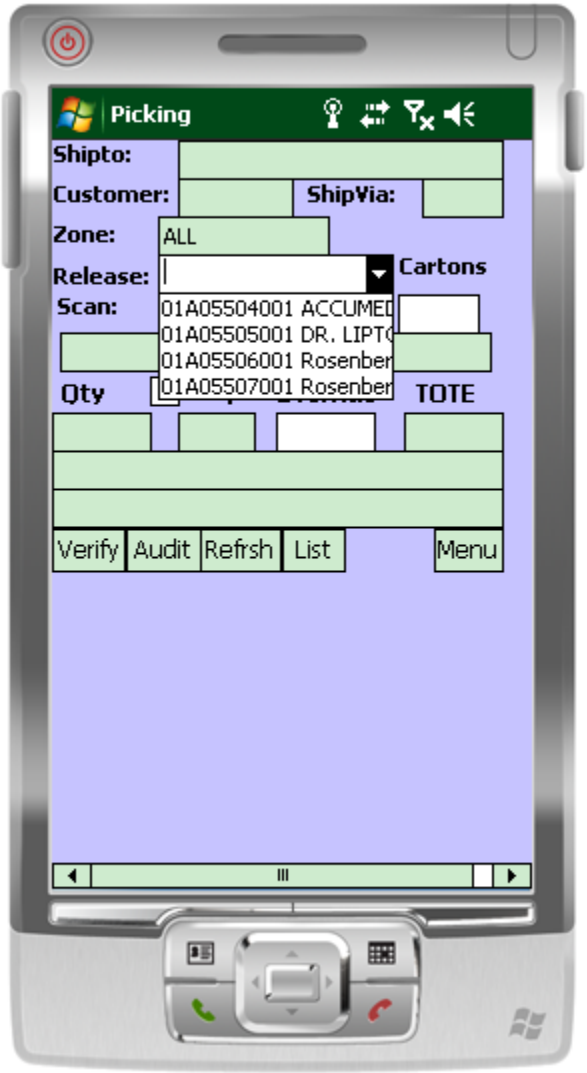


Batch Picking – Lot Items

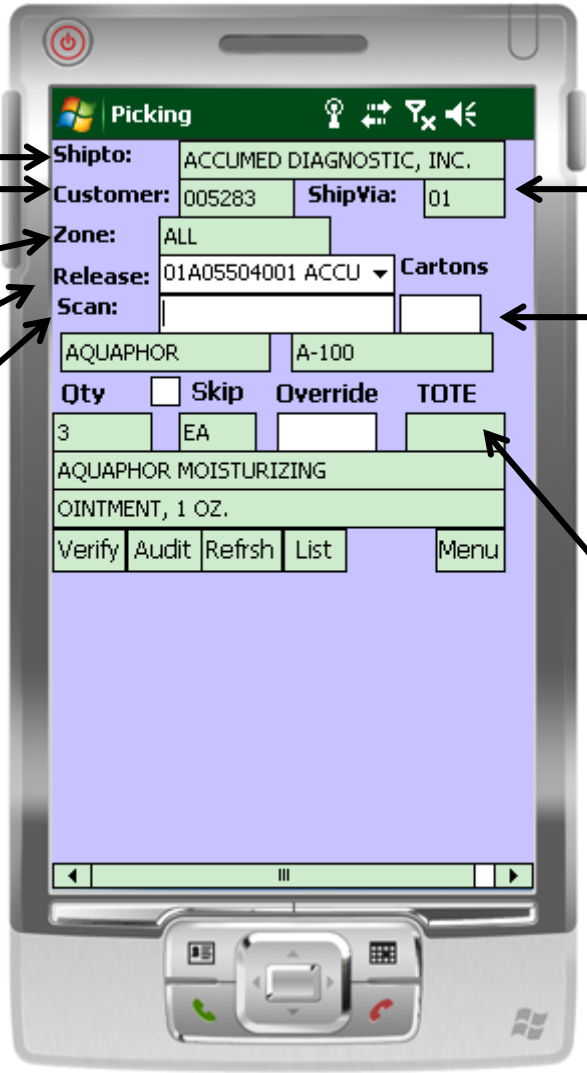
Batch Picking



Picking


Picking
Shipto:
Customer:
ShipVia:
Zone:
ALL
Release:
Cartons
Scan:
01A05504001 ACCUMED
01A05505001 DR. LIPT
01A05506001 Rosenber
01A05507001 Rosenber
Qty
TOTE
Verify
Audit
Refrsh
List
Menu

Picking



The customer's ship to name.

The customer's account code.

The zone the operator is picking in, if using.

The release number selected.

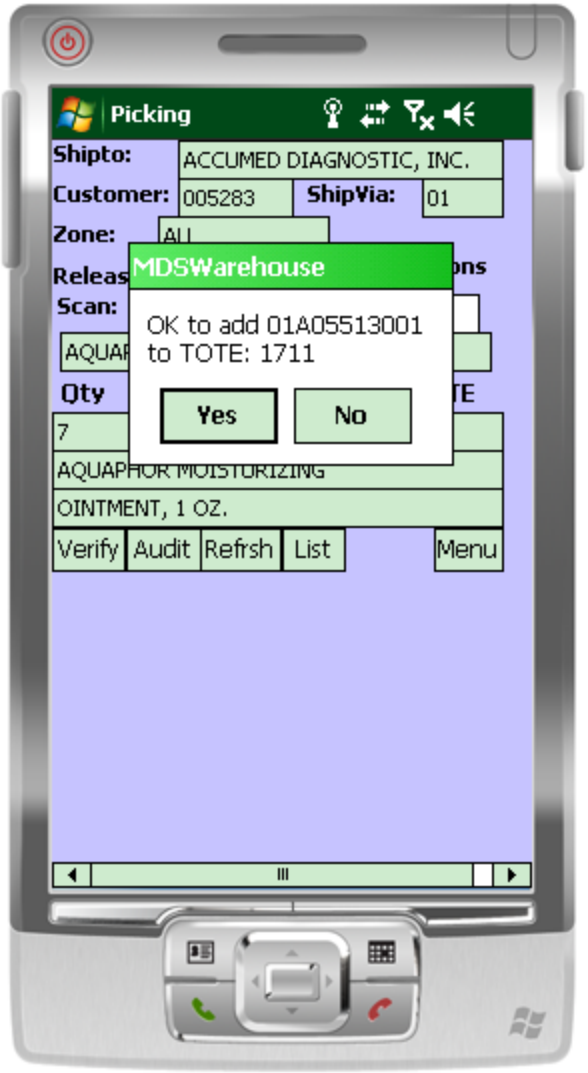
The information scanned, or manually inputted, is entered here.

The ship method code.

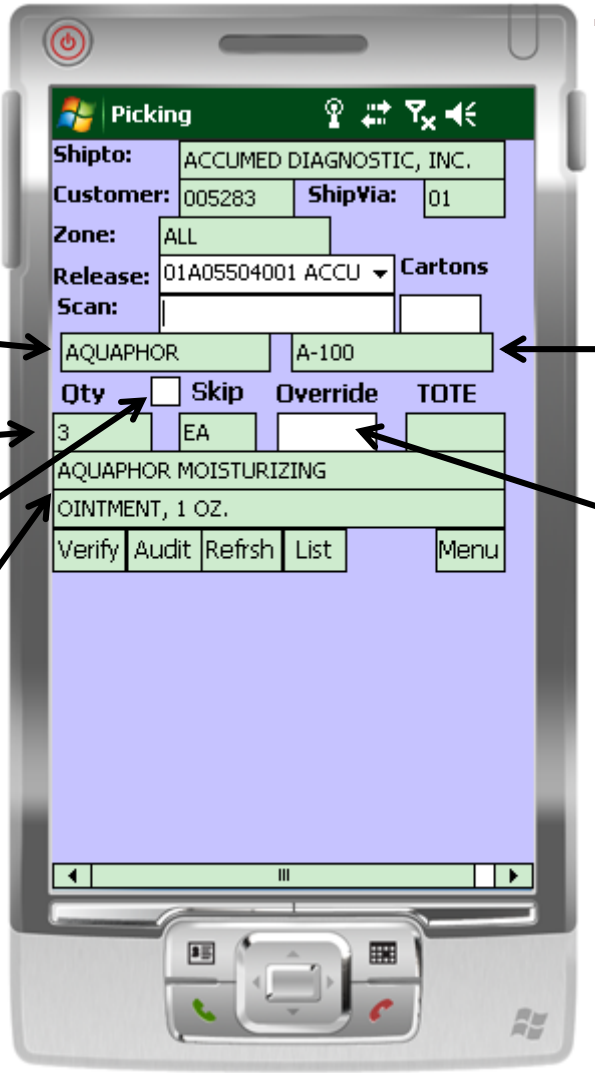
The current carton number..

The tote number, if using.

Picking – Using Totes



Picking



The item number.

The quantity to be picked and the unit of measure.

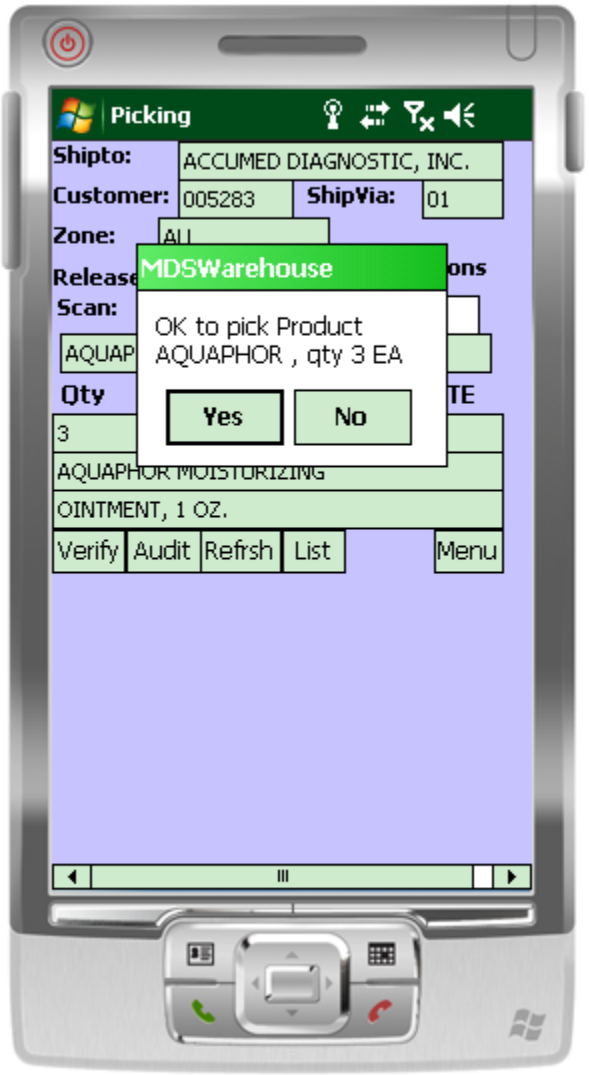
The skip option.

The item description.

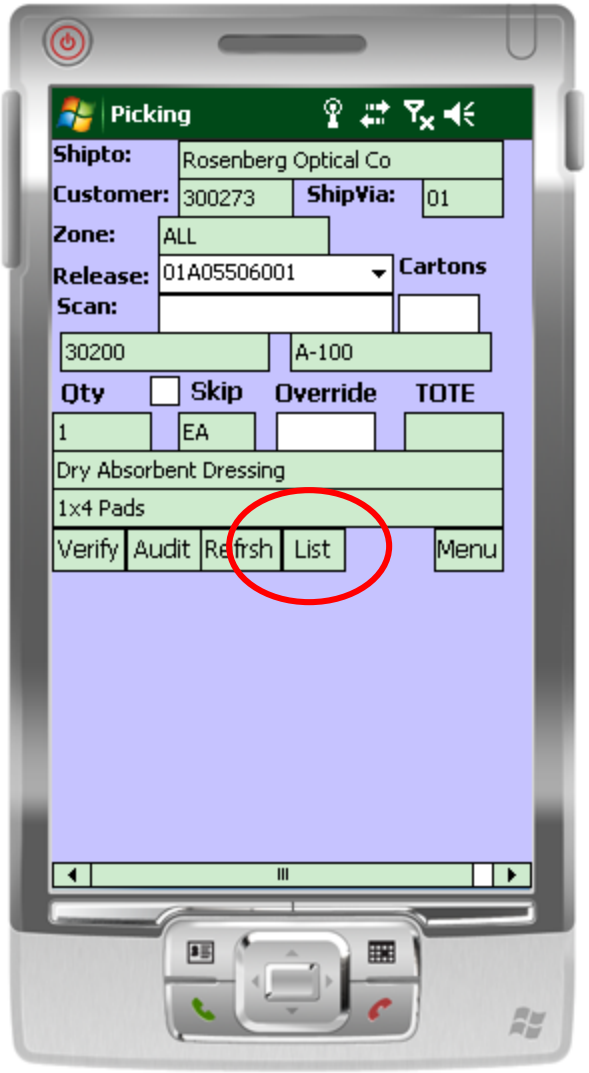
The item location.

The override quantity.

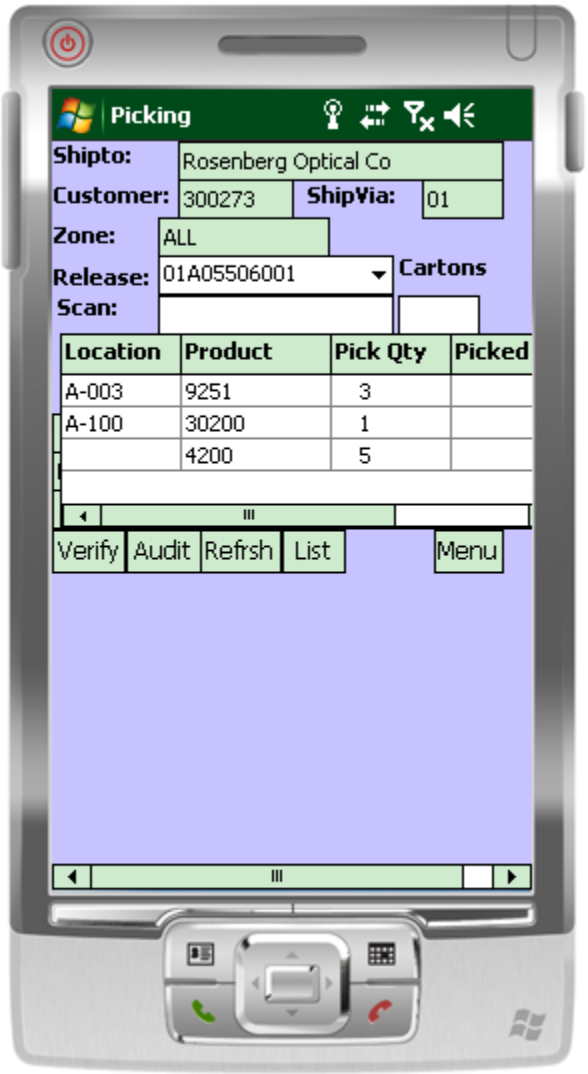
Picking


Picking
Shipto:
ACCUMED DIAGNOSTIC, INC.
Customer:
005283
ShipVia:
01
Zone:
ALL
Release
ons
Scan:
AQUAP
Qty
TE
3
AQUAPHOR MOISTURIZING
OINTMENT, 1 OZ.
Verify
Audit
Refrsh
List
Menu
MDSWarehouse
OK to pick Product
AQUAPHOR , qty 3 EA
Yes
No

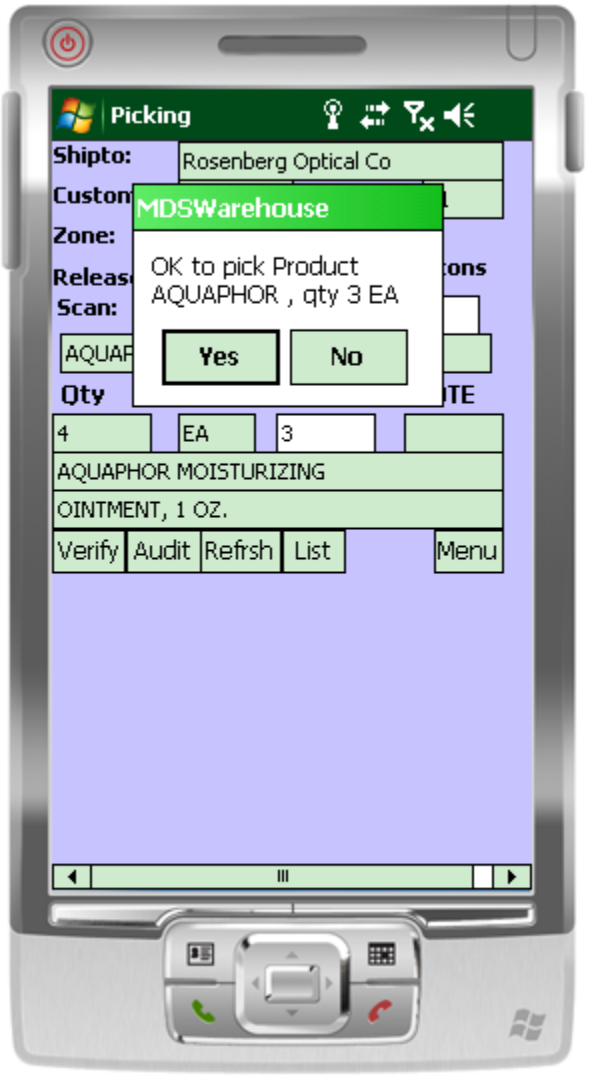
Picking – the List Function



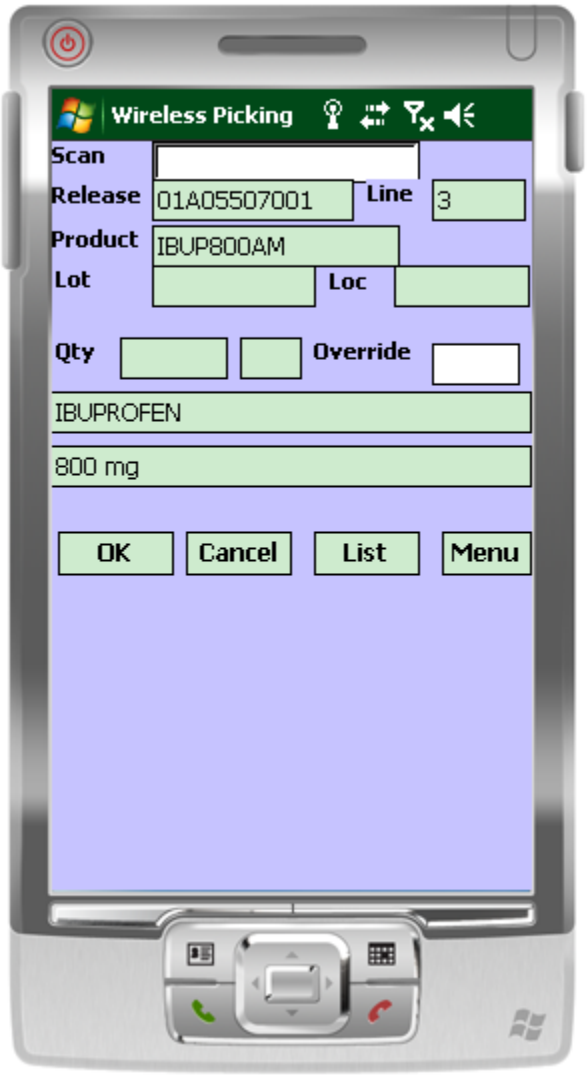
Picking – the List Function



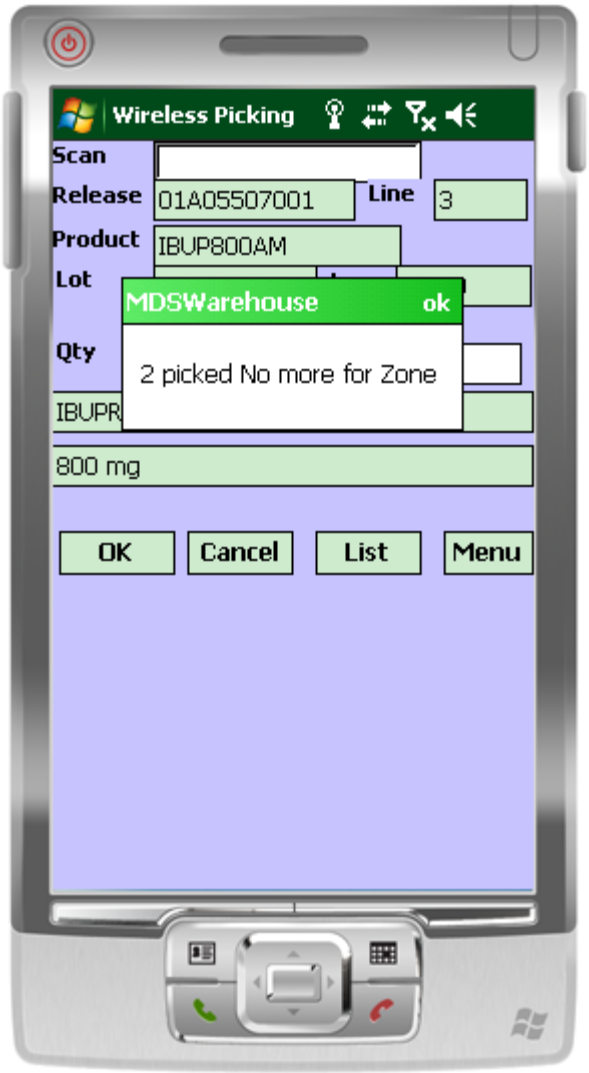
Picking – Manual Override



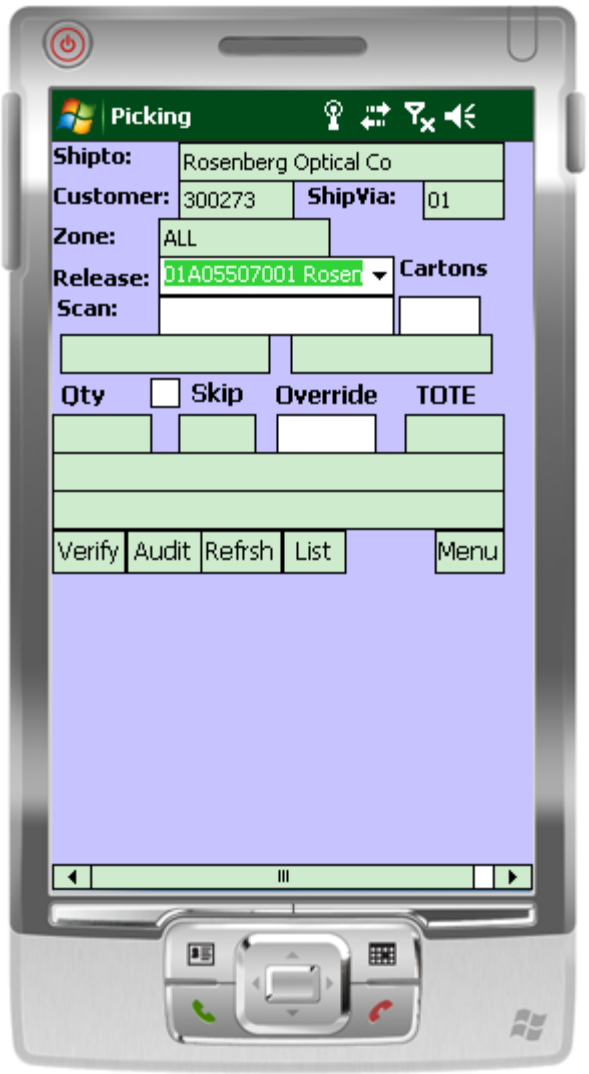
Picking – Lot Items

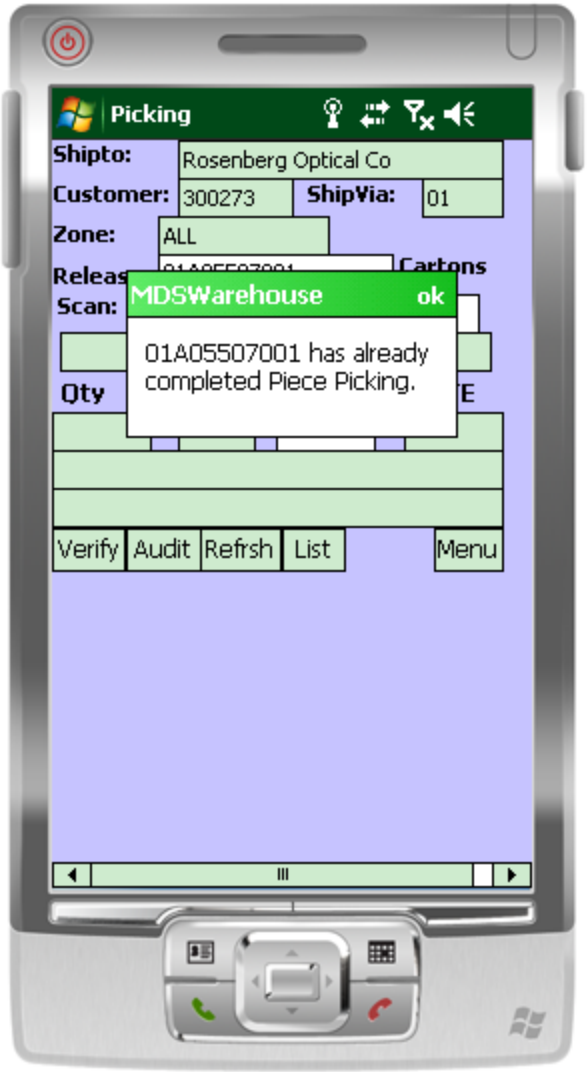


Picking – Lot Items

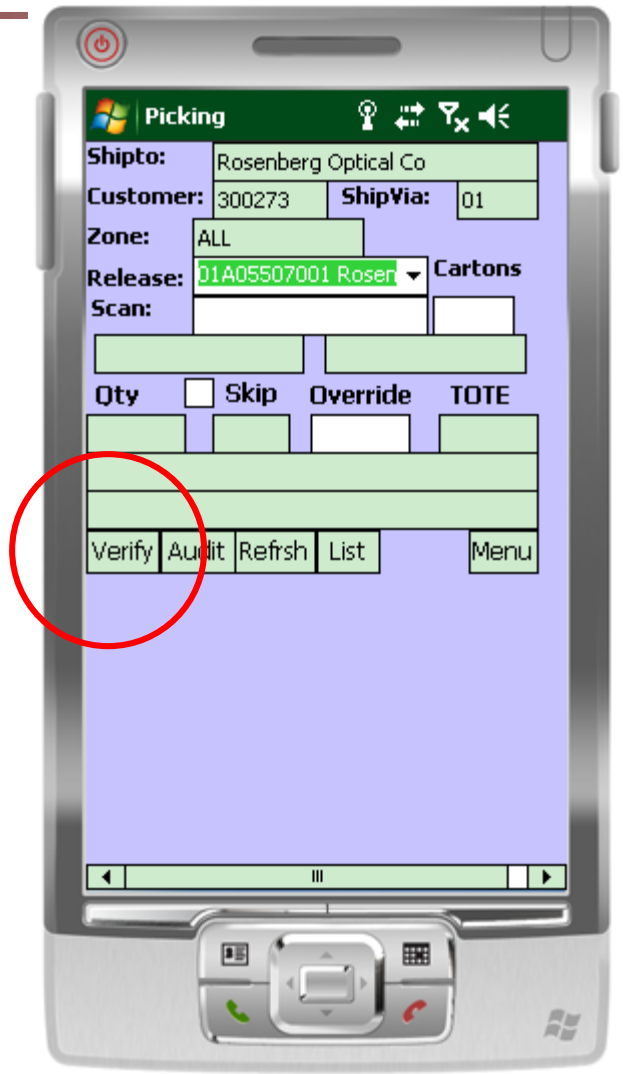


Picking – Audit Function

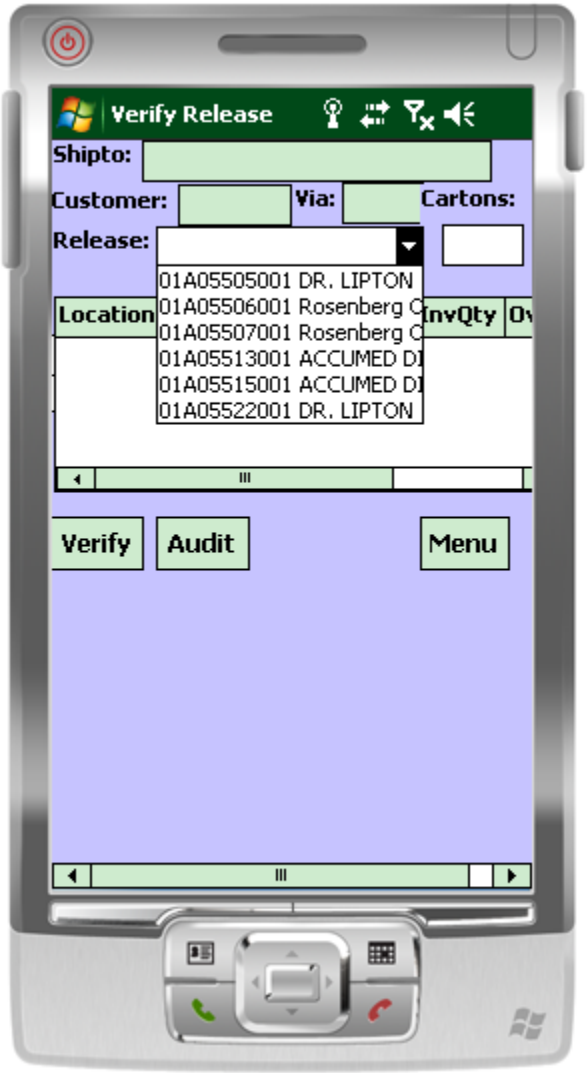




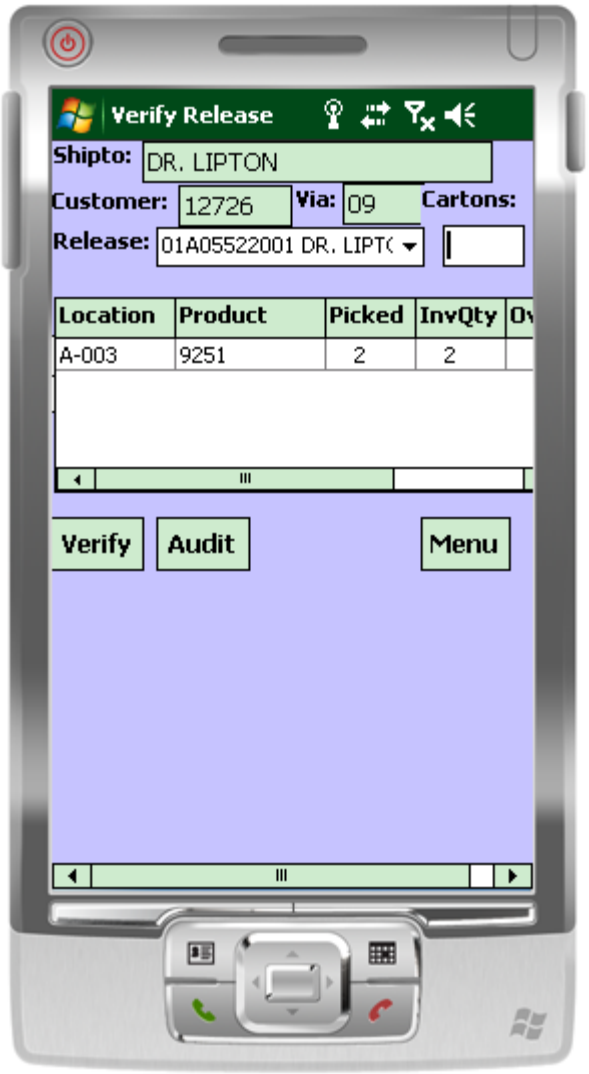
Picking – Verify Function

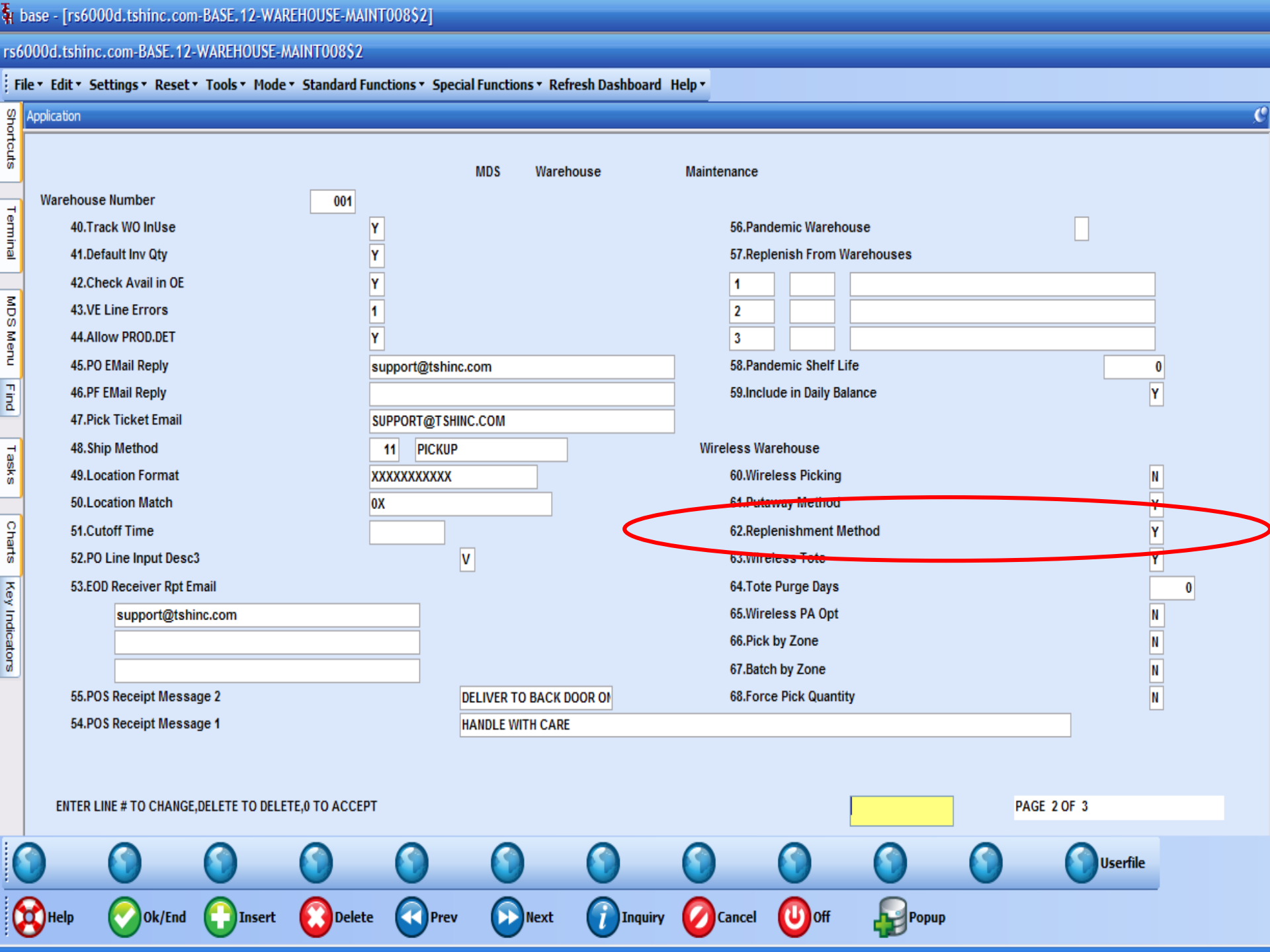


Verification



Verification

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rs6000d.tshinc.com-BASE.12-WAREHOUSE-MAINT008$2
File Edit Settings Reset Tools Mode Standard Functions Special Functions Refresh Dashboard Help
Shortcuts
Terminal
MDS Menu
Find
Tasks
Charts
Key Indicators
Application
MDS Warehouse Maintenance
Warehouse Number 001
40.Track WO InUse Y
41.Default Inv Qty Y
42.Check Avail in OE Y
43.VE Line Errors 1
44.Allow PROD.DET Y
45.PO EMail Reply support@tshinc.com
46.PF EMail Reply
47.Pick Ticket Email SUPPORT@TSHINC.COM
48.Ship Method 11 PICKUP
49.Location Format XXXXXXXXXXX
50.Location Match 0X
51.Cutoff Time
52.PO Line Input Desc3 V
53.EOD Receiver Rpt Email
support@tshinc.com
55.POS Receipt Message 2 DELIVER TO BACK DOOR OI
54.POS Receipt Message 1 HANDLE WITH CARE
56.Pandemic Warehouse
57.Replenish From Warehouses
1
2
3
58.Pandemic Shelf Life 0
59.Include in Daily Balance Y
Wireless Warehouse
60.Wireless Picking N
61.Putaway Method Y
62.Replenishment Method Y
63.Wireless Tote Y
64.Tote Purge Days 0
65.Wireless PA Opt N
66.Pick by Zone N
67.Batch by Zone N
68.Force Pick Quantity N
ENTER LINE # TO CHANGE,DELETE TO DELETE,0 TO ACCEPT
PAGE 2 OF 3
Userfile
Help Ok/End Insert Delete Prev Next Inquiry Cancel Off Popup

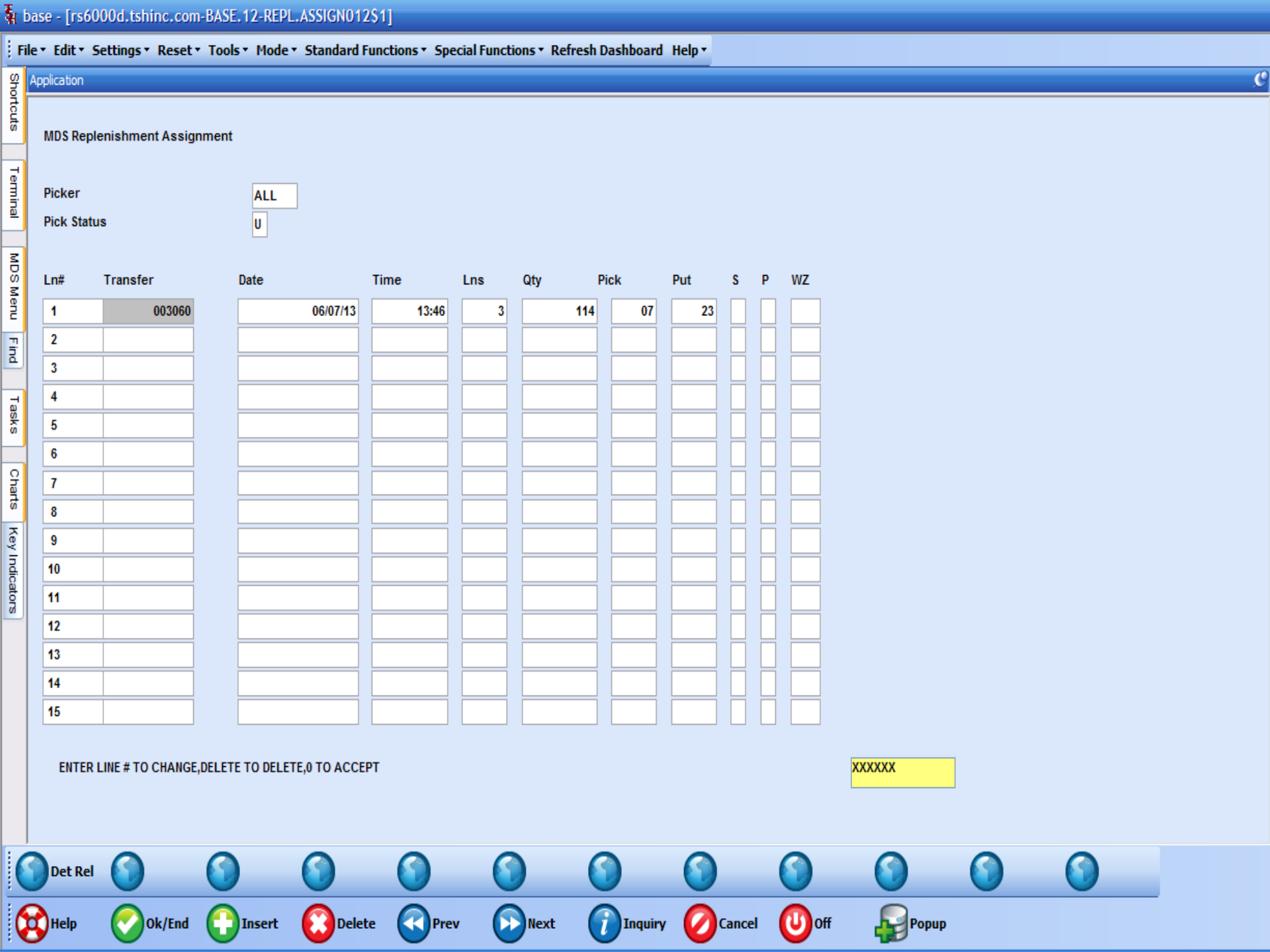
MDS Replenishment Assignment

Picker ALL

Pick Status U

Ln#	Transfer	Date	Time	Lns	Qty	Pick	Put	S	P	WZ
1	003060	06/07/13	13:46	3	114					
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										

ENTER LINE # TO CHANGE,DELETE TO DELETE,0 TO ACCEPT XXXXXX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File Edit Settings Reset Tools Mode Standard Functions Special Functions Refresh Dashboard Help
Shortcuts
Terminal
MDS Menu
Find
Tasks
Charts
Key Indicators
Application
MDS Replenishment Assignment
Picker ALL
Pick Status U
Ln# Transfer Date Time Lns Qty Pick Put S P WZ
1 003060 06/07/13 13:46 3 114 07 23
2
3
4
5
6
7
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9
10
11
12
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14
15
ENTER LINE # TO CHANGE,DELETE TO DELETE,0 TO ACCEPT
XXXXXX
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Help
Ok/End
Insert
Delete
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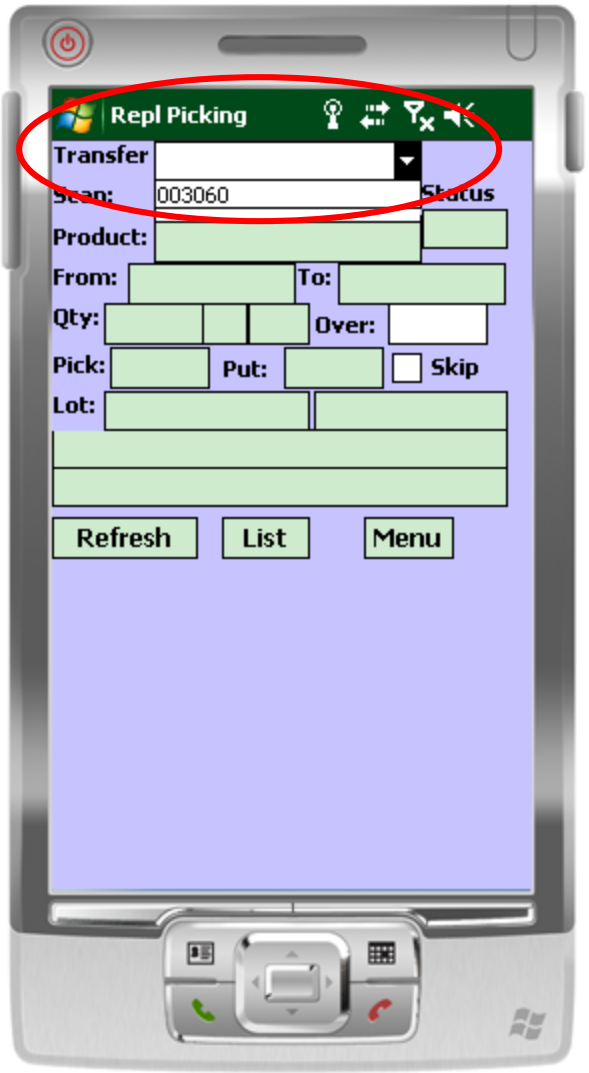
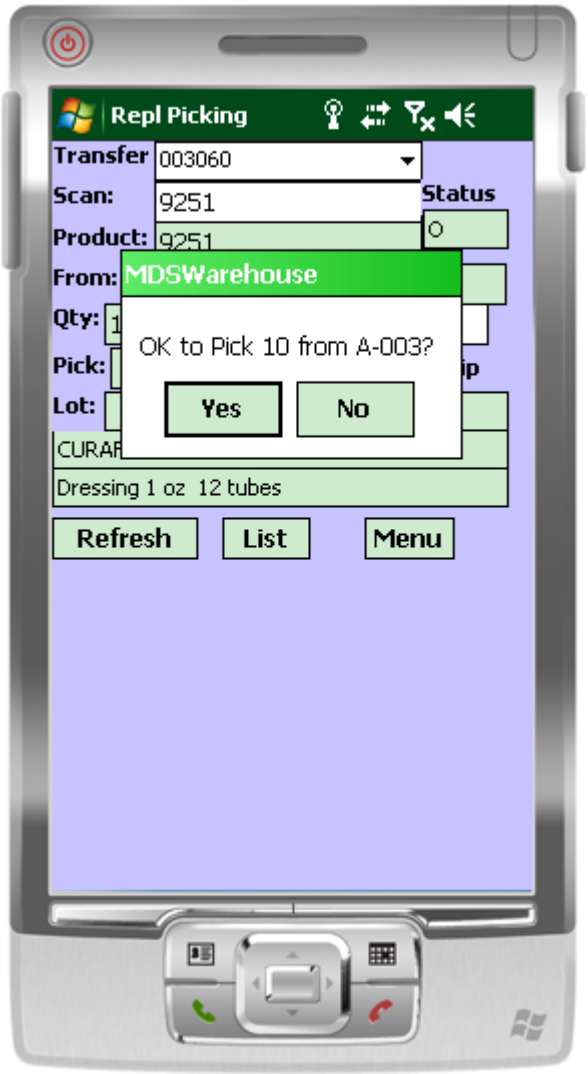
Next
Inquiry
Cancel
Off
Popup

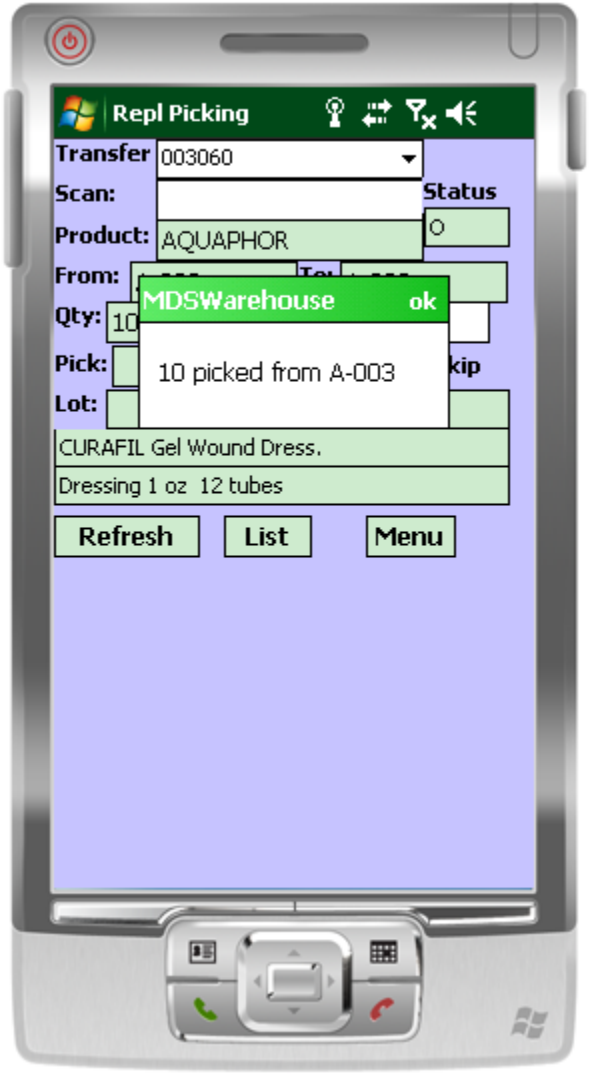
Replenishment Picking



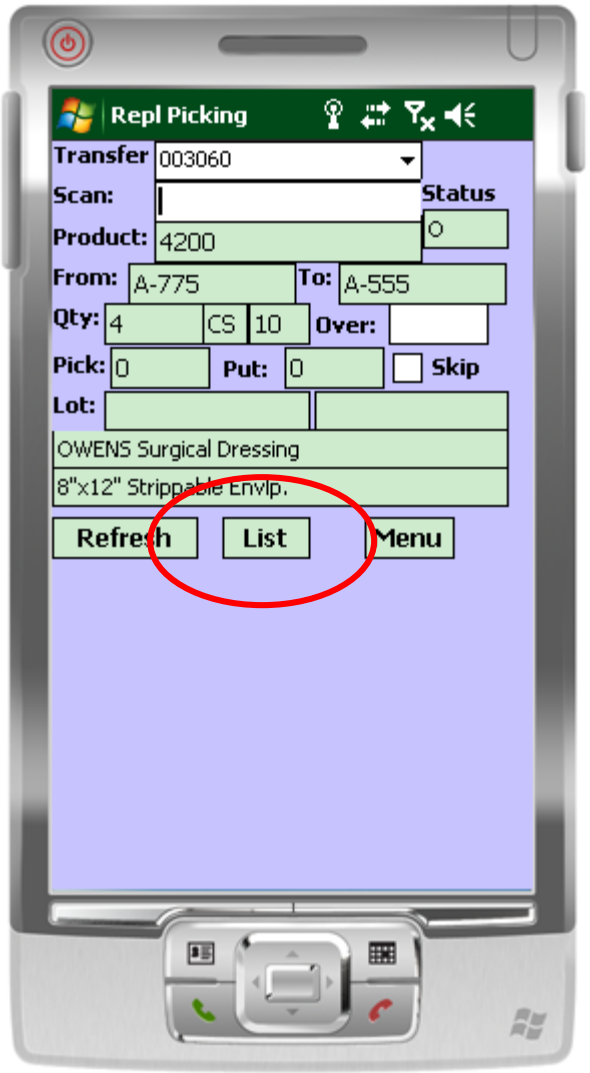
Replenishment Picking

Replenishment Picking

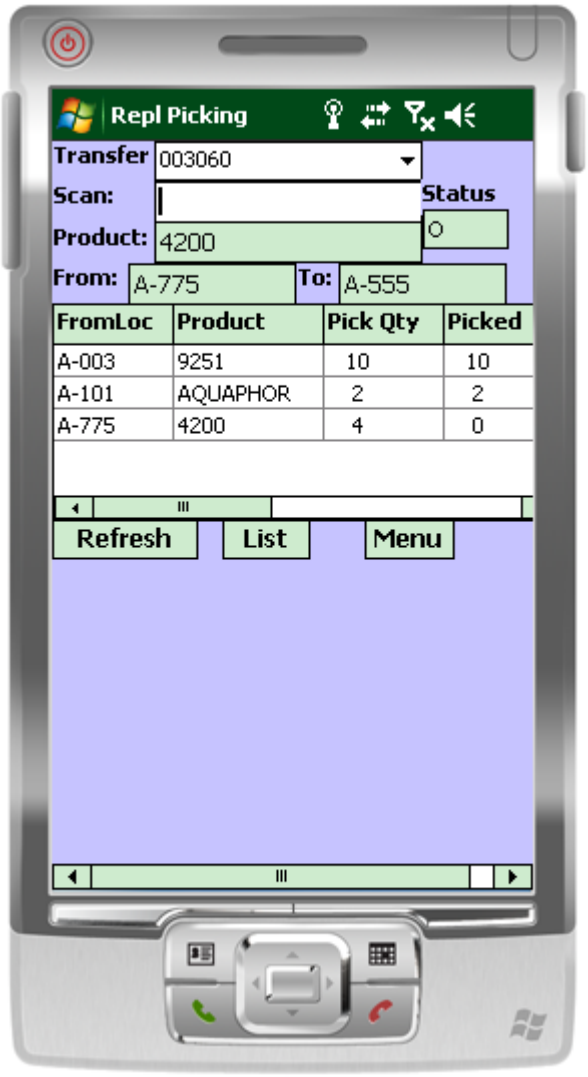


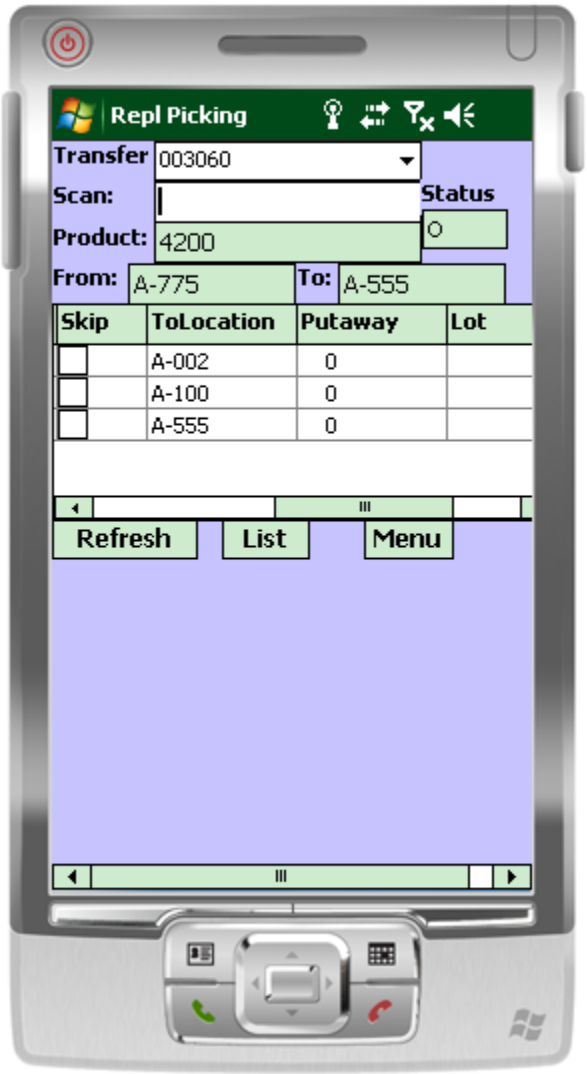


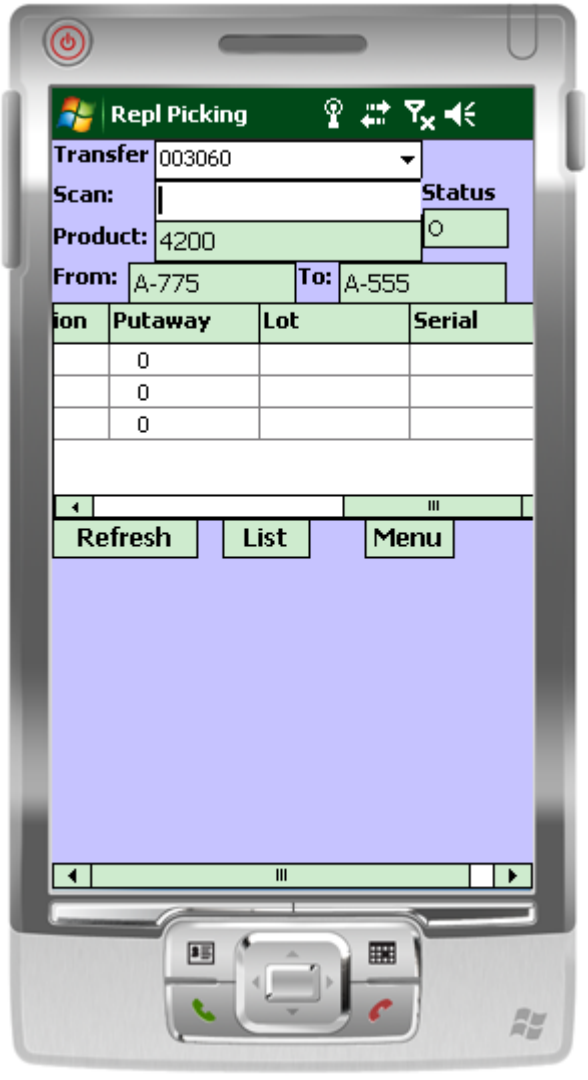
Replenishment Picking – List Function



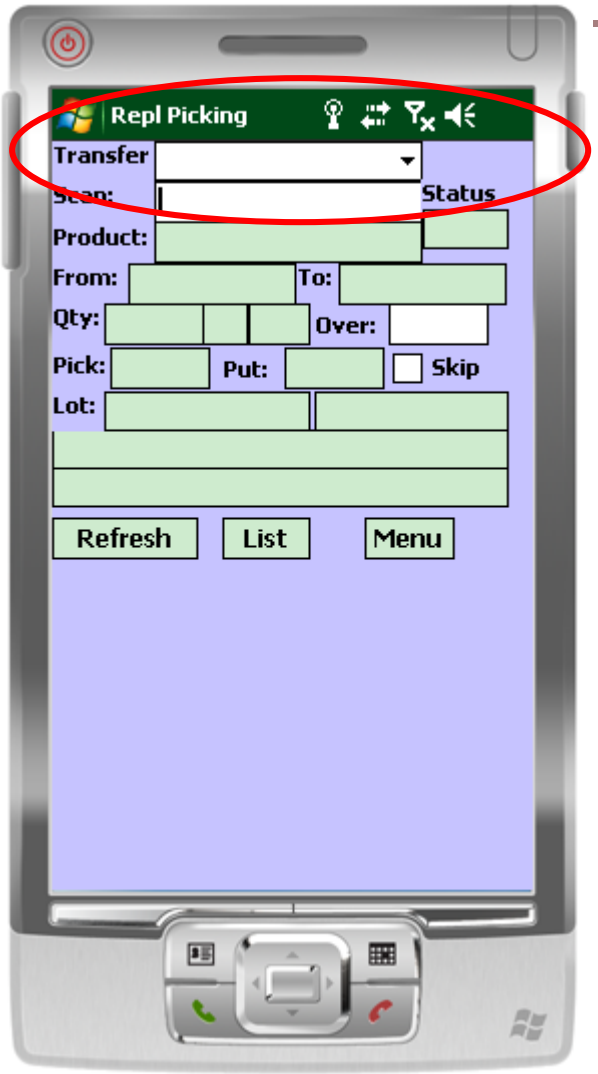
Replenishment Picking – List Function

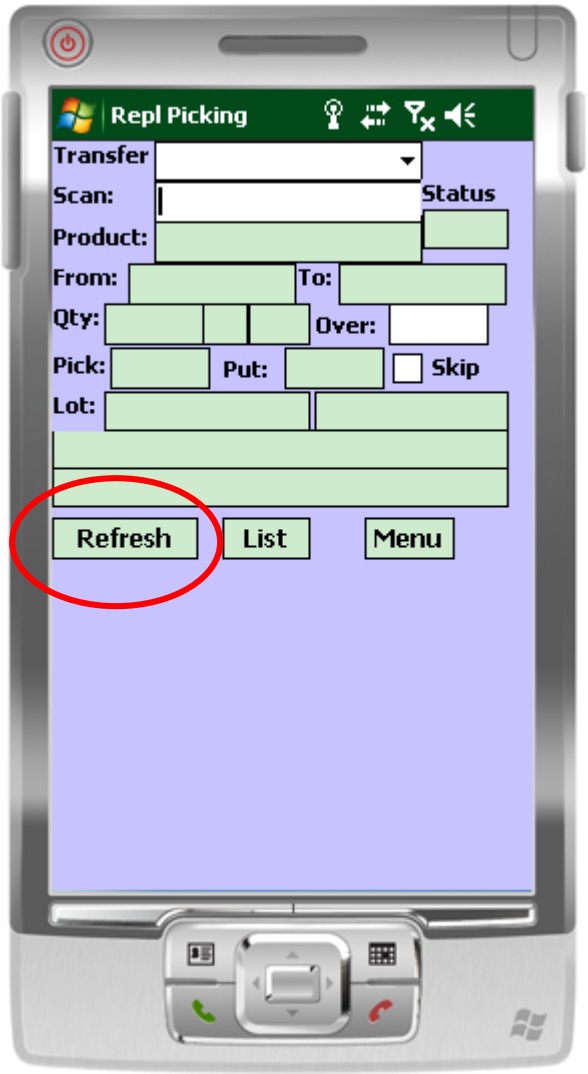




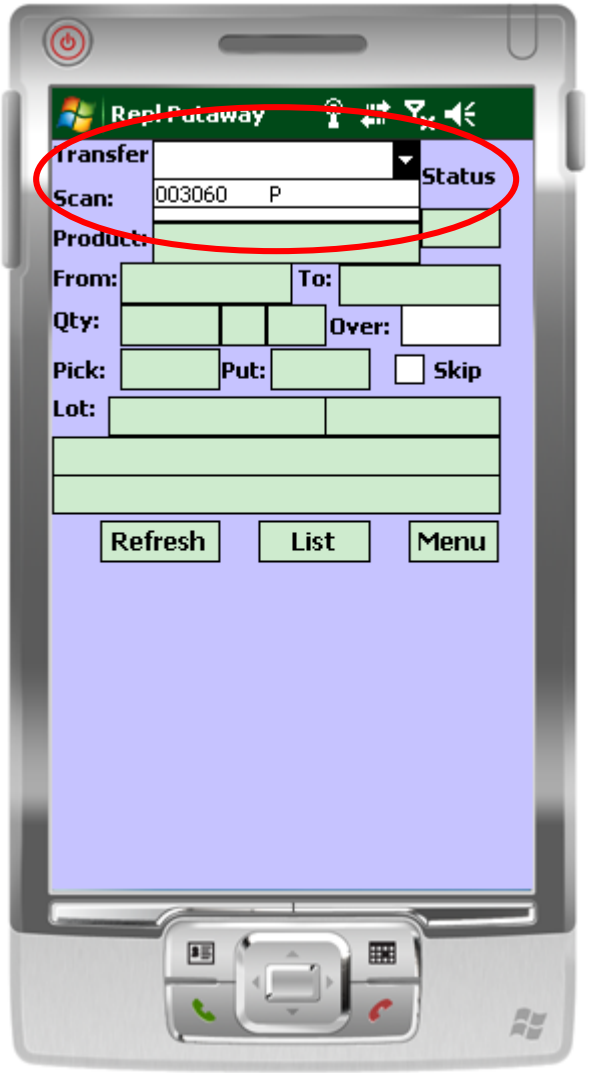


Replenishment Picking – Refresh Option

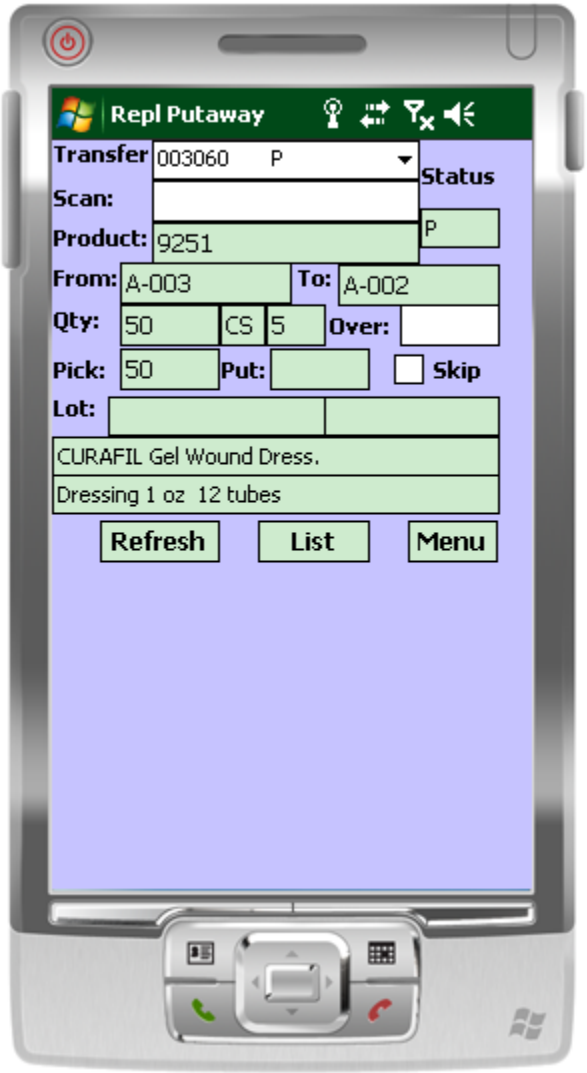




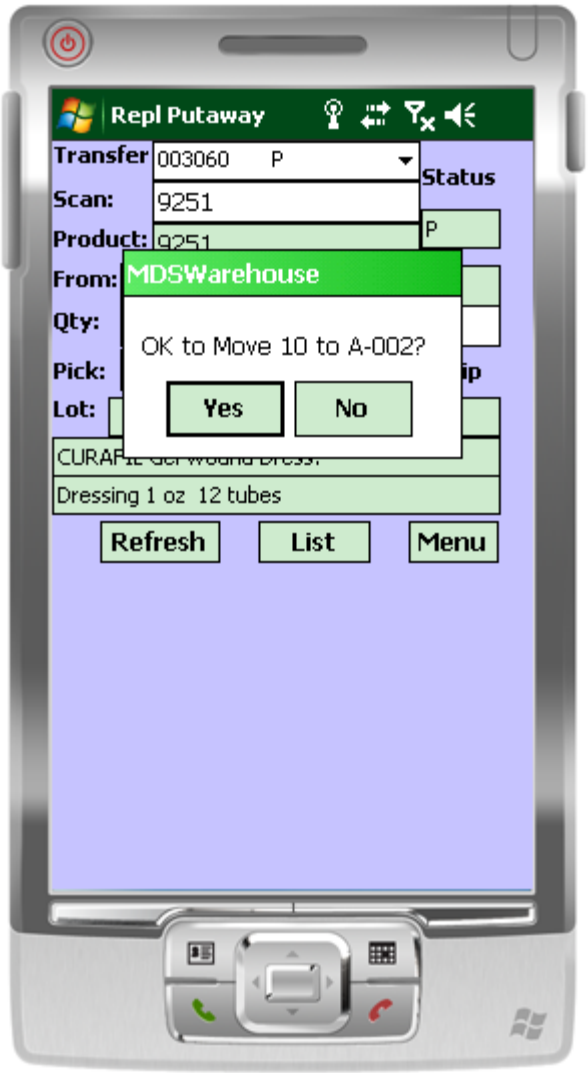
Replenishment Putaway



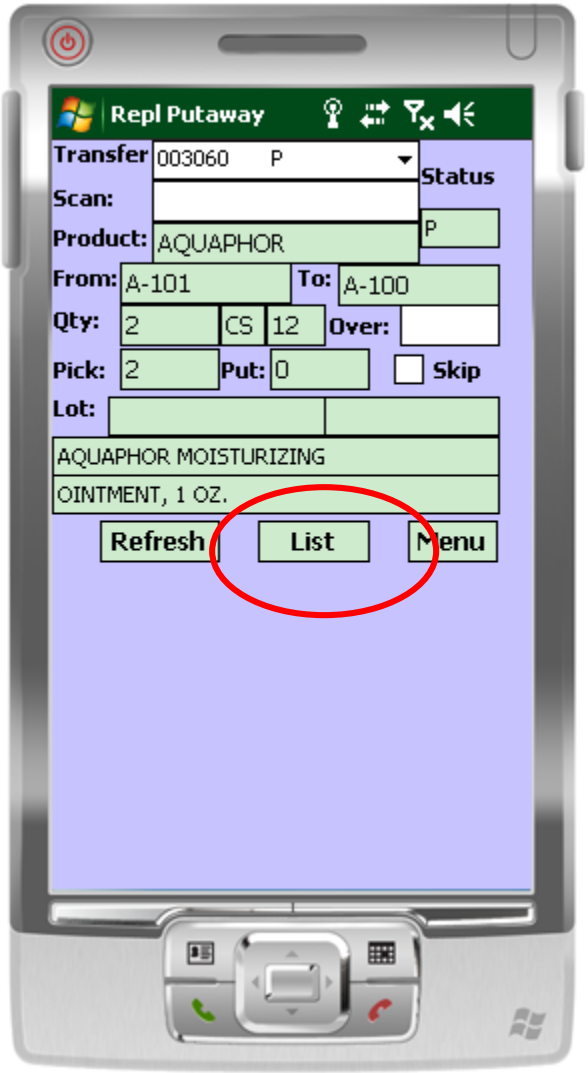
Replenishment Putaway



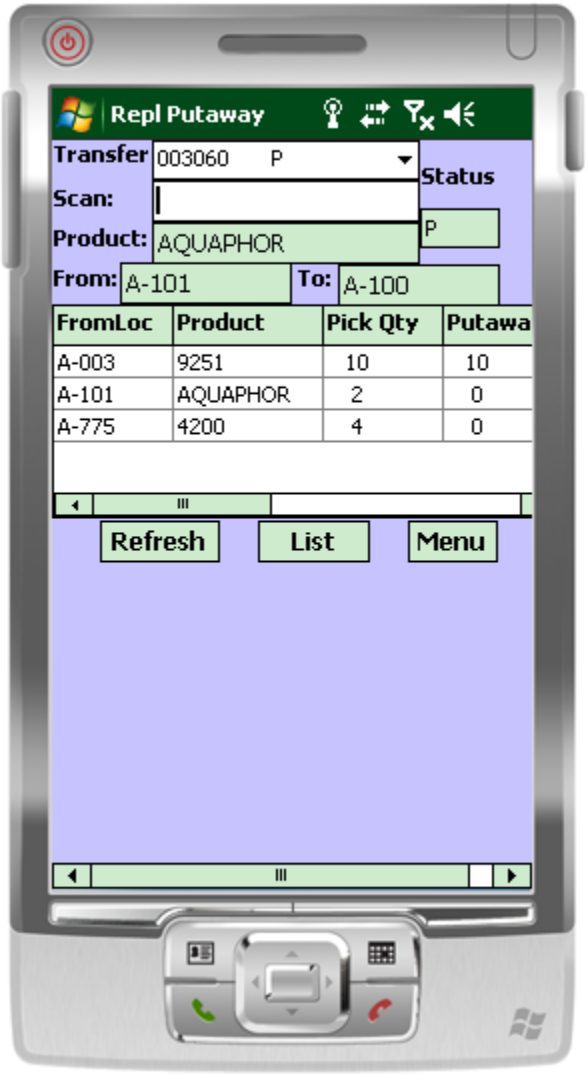
Replenishment Putaway

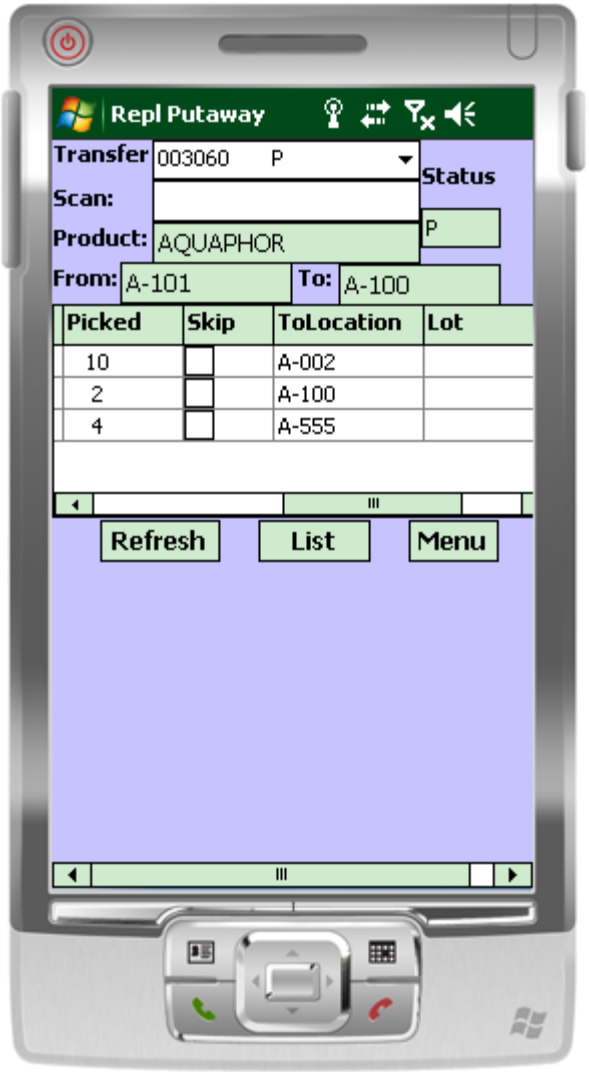


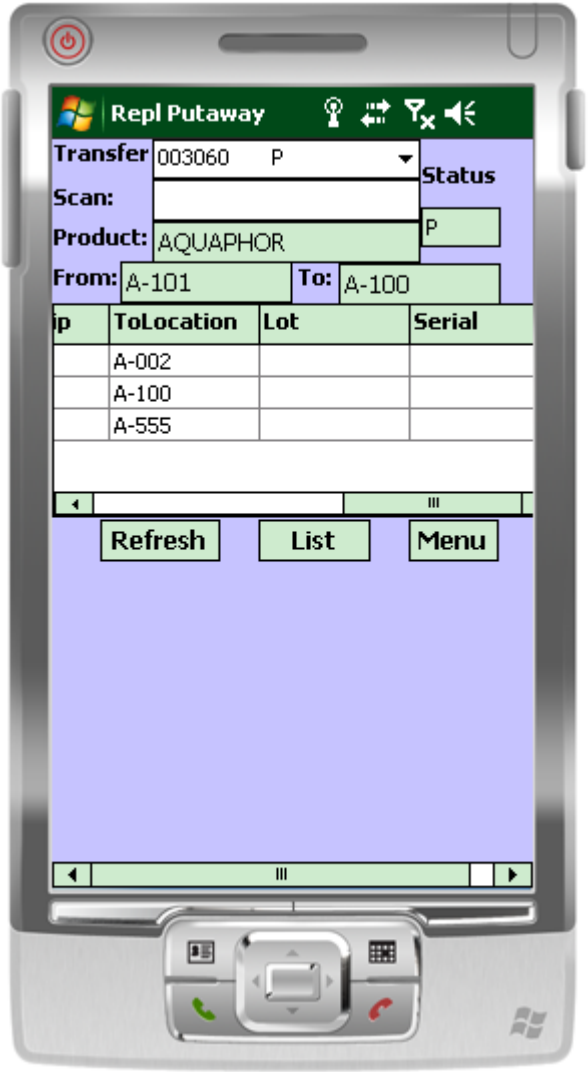
Replenishment Putaway – List Function



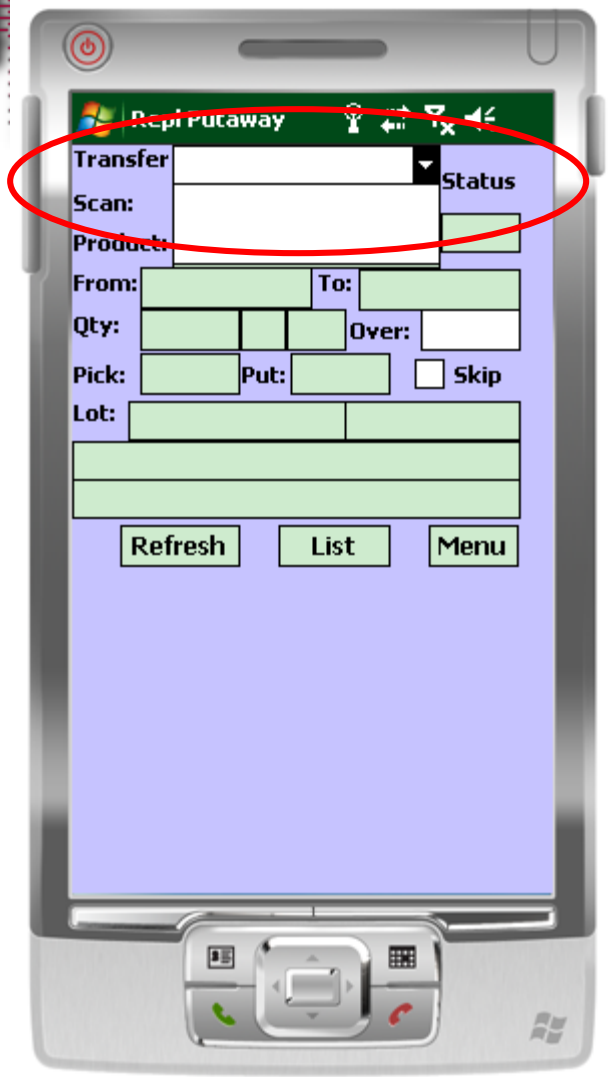
Replenishment Putaway – List Function

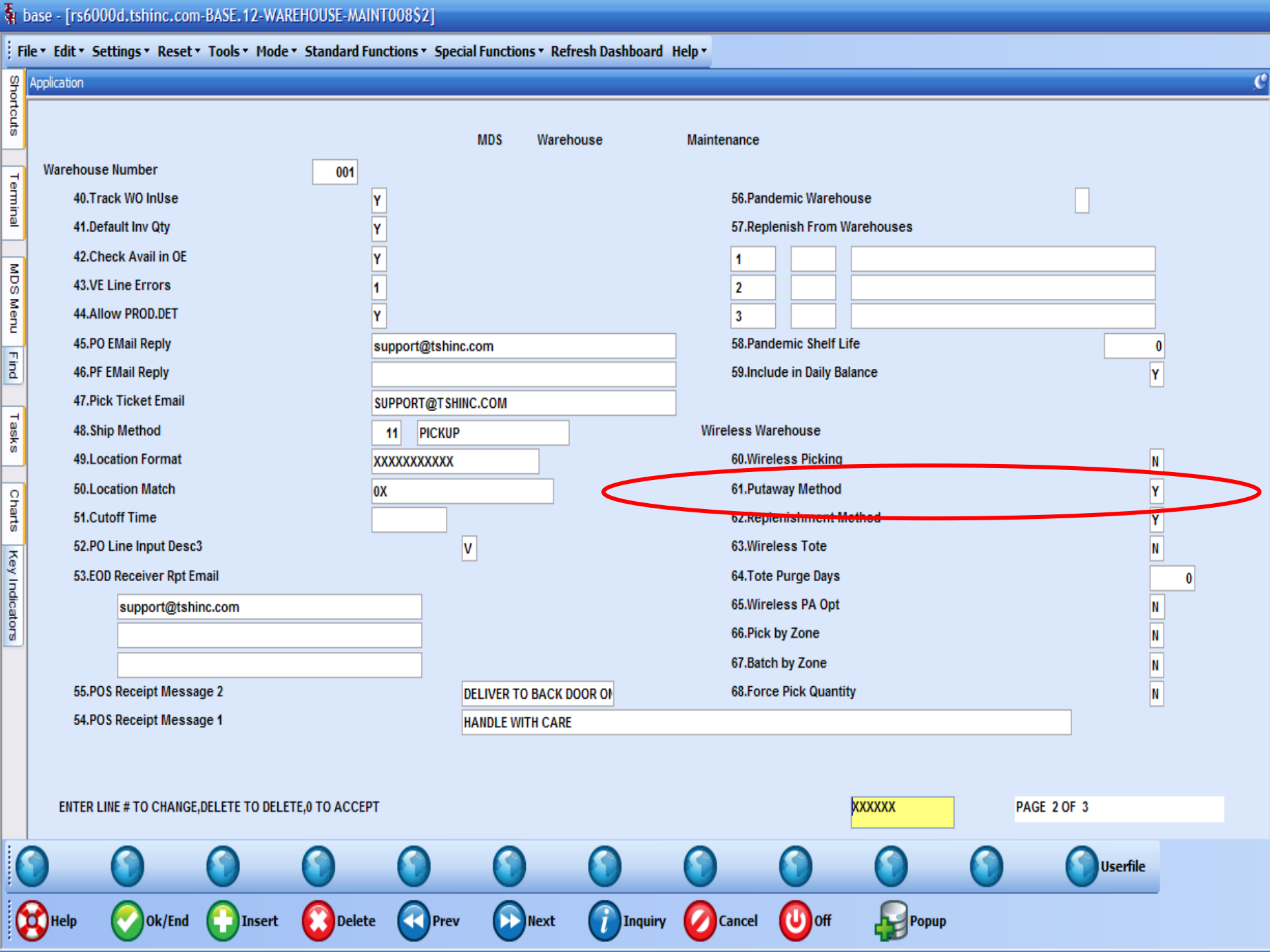






Replenishment Putaway – Refresh Option

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Shortcuts
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Charts
Key Indicators
Application
MDS Warehouse Maintenance
Warehouse Number 001
40.Track WO InUse Y
41.Default Inv Qty Y
42.Check Avail in OE Y
43.VE Line Errors 1
44.Allow PROD.DET Y
45.PO EMail Reply support@tshinc.com
46.PF EMail Reply
47.Pick Ticket Email SUPPORT@TSHINC.COM
48.Ship Method 11 PICKUP
49.Location Format XXXXXXXXXX
50.Location Match 0X
51.Cutoff Time
52.PO Line Input Desc3 V
53.EOD Receiver Rpt Email
support@tshinc.com
55.POS Receipt Message 2 DELIVER TO BACK DOOR OI
54.POS Receipt Message 1 HANDLE WITH CARE
56.Pandemic Warehouse
57.Replenish From Warehouses
1
2
3
58.Pandemic Shelf Life 0
59.Include in Daily Balance Y
Wireless Warehouse
60.Wireless Picking N
61.Putaway Method Y
62.Replenishment Method Y
63.Wireless Tote N
64.Tote Purge Days 0
65.Wireless PA Opt N
66.Pick by Zone N
67.Batch by Zone N
68.Force Pick Quantity N
ENTER LINE # TO CHANGE,DELETE TO DELETE,0 TO ACCEPT
XXXXXX
PAGE 2 OF 3
Userfile
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Ok/End
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Next
Inquiry
Cancel
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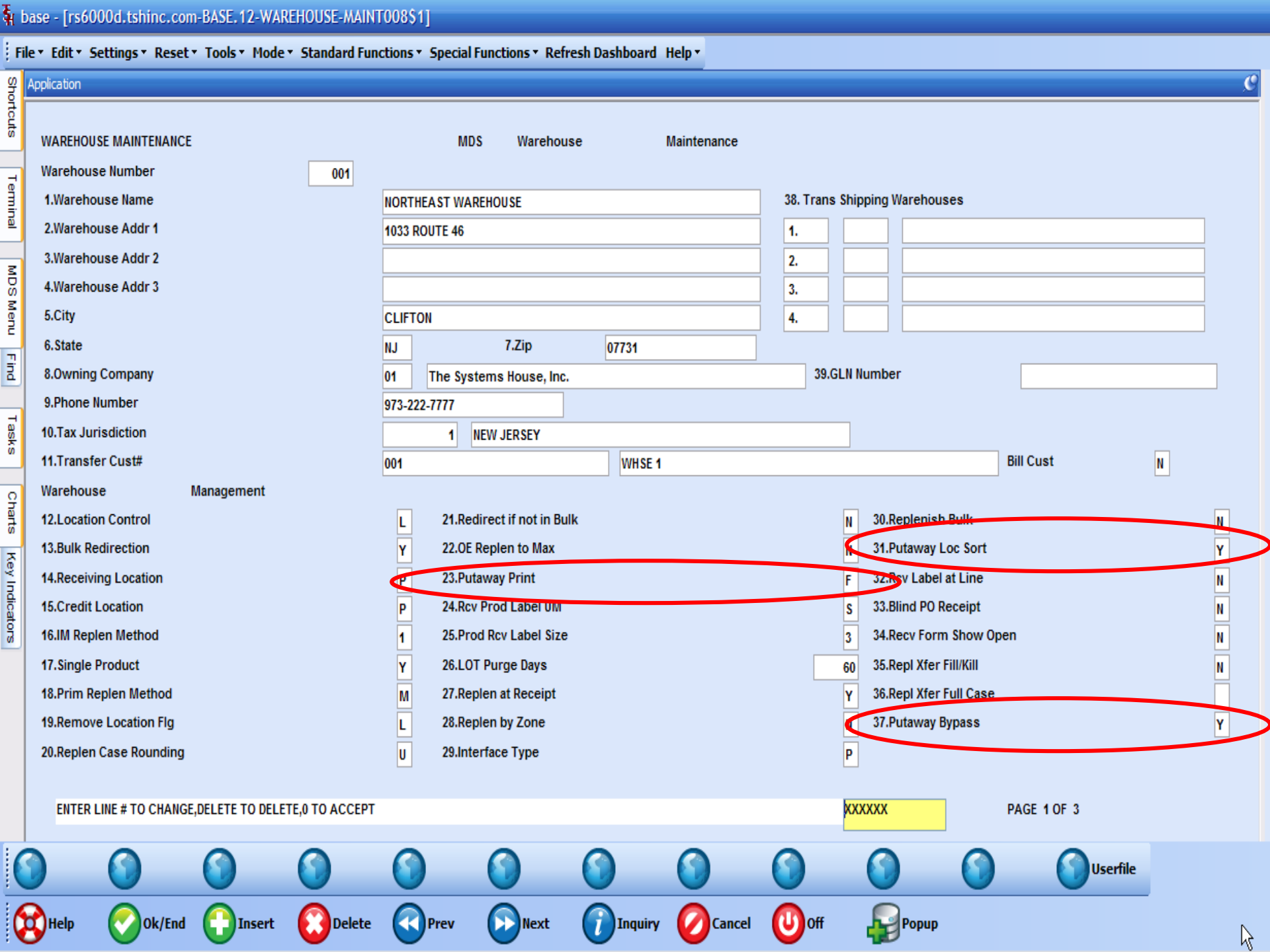
Popup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File Edit Settings Reset Tools Mode Standard Functions Special Functions Refresh Dashboard Help
Shortcuts
Terminal
MDS Menu
Find
Tasks
Charts
Key Indicators
Application
WAREHOUSE MAINTENANCE MDS Warehouse Maintenance
Warehouse Number 001
1.Warehouse Name NORTHEAST WAREHOUSE
2.Warehouse Addr 1 1033 ROUTE 46
3.Warehouse Addr 2
4.Warehouse Addr 3
5.City CLIFTON
6.State NJ
7.Zip 07731
8.Owning Company 01 The Systems House, Inc.
9.Phone Number 973-222-7777
10.Tax Jurisdiction 1 NEW JERSEY
11.Transfer Cust# 001 WHSE 1
Bill Cust N
38. Trans Shipping Warehouses
1.
2.
3.
4.
39.GLN Number
Warehouse Management
12.Location Control L
13.Bulk Redirection Y
14.Receiving Location P
15.Credit Location P
16.IM Replen Method 1
17.Single Product Y
18.Prim Replen Method M
19.Remove Location Flg L
20.Replen Case Rounding U
21.Redirect if not in Bulk N
22.OE Replen to Max N
23.Putaway Print F
24.Rcv Prod Label UM S
25.Prod Rcv Label Size 3
26.LOT Purge Days 60
27.Replen at Receipt Y
28.Replen by Zone
29.Interface Type P
30.Replenish Bulk N
31.Putaway Loc Sort Y
32.Rsv Label at Line N
33.Blind PO Receipt N
34.Recv Form Show Open N
35.Repl Xfer Fill/Kill N
36.Repl Xfer Full Case
37.Putaway Bypass Y
ENTER LINE # TO CHANGE,DELETE TO DELETE,0 TO ACCEPT
XXXXXX
PAGE 1 OF 3
Userfile
Help Ok/End Insert Delete Prev Next Inquiry Cancel Off Popup

RECEIVING PUTAWAY FORM

RECEIVER NUMBER: 007527
RECEIVING LOCATION: DOCK-1

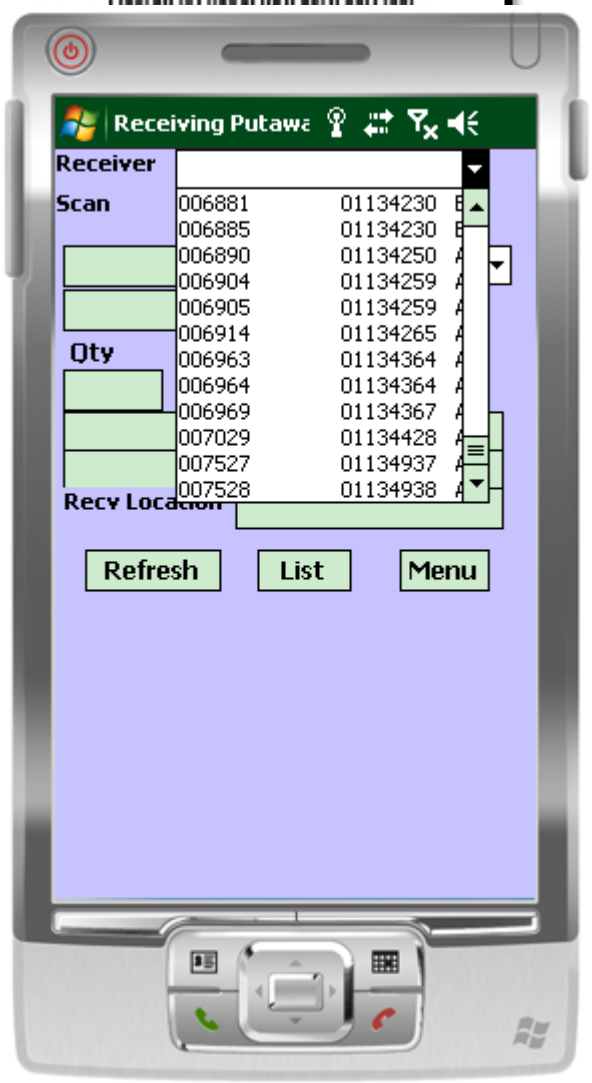
PO NUM VENDOR / LN#	ITEM NUMBER	PUTAWAY LOCATION	RECEIVED QUANTITY	UOM	PUT AWAY REMAINING QUANTITY	
134937 A1000 ALCOR						
002	30200 Dry Absorbent Dressing 1x4 Pads	A-100	4	EA	4	_____
134937 A1000 ALCOR						
001	AQUAPHOR AQUAPHOR MOISTURIZING OINTMENT, 1 OZ.	A-100	48	EA	48	_____

A-100

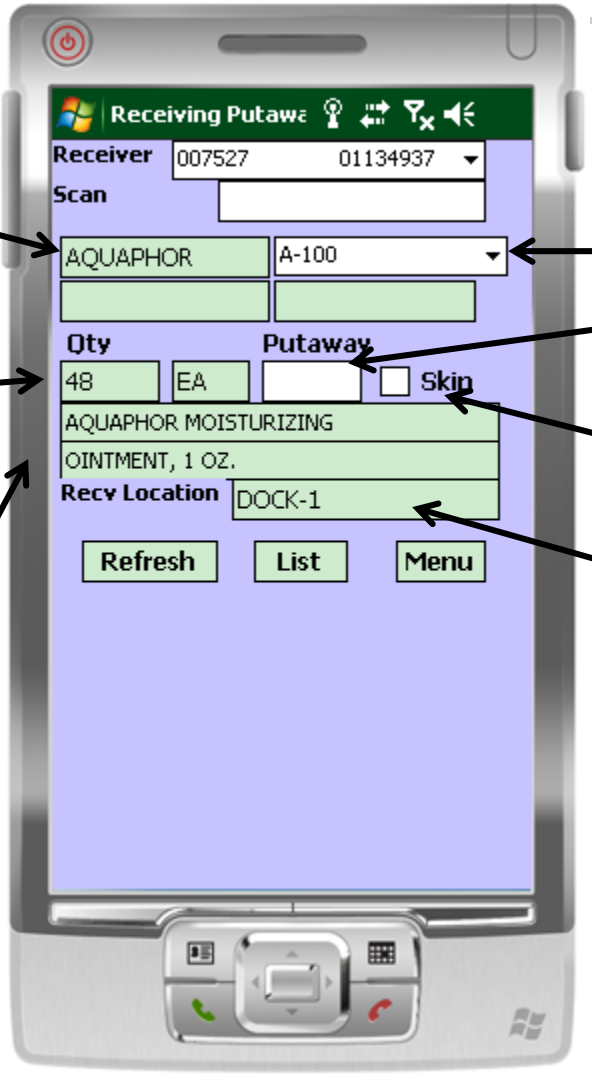
PUT AWAY BY _____

DATE _____

CHECKED BY _____



PO Putaway



The item number.

The quantity to be putaway and the unit of measure.

The item description.

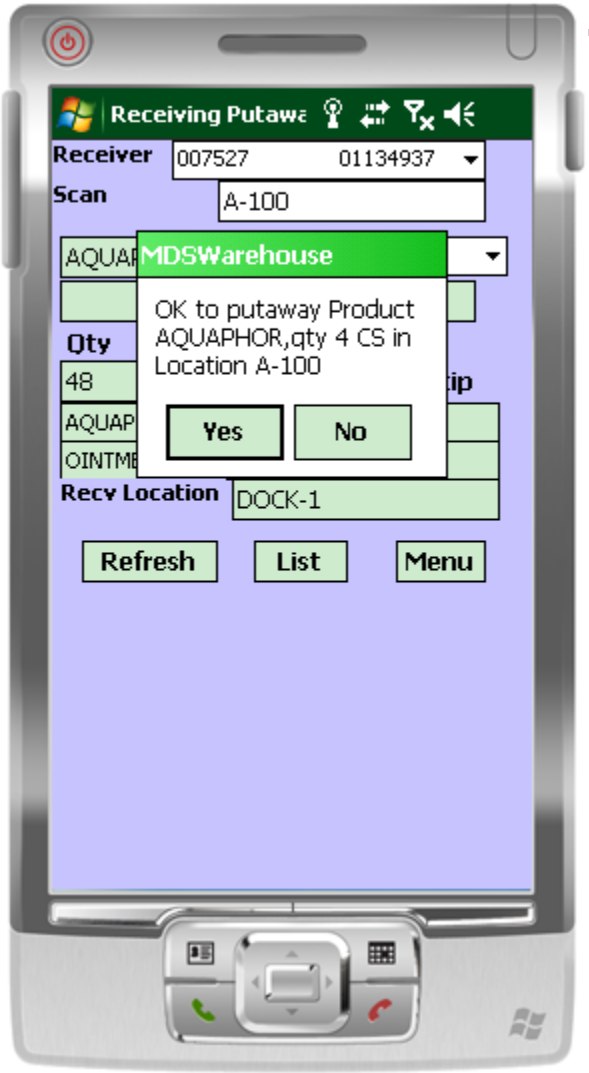
The putaway location.

The override quantity.

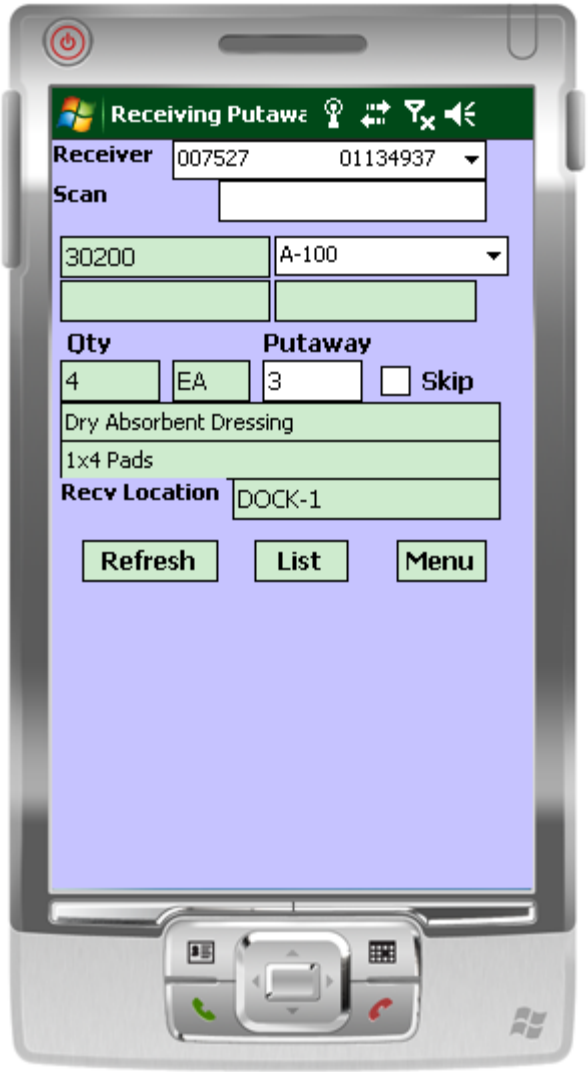
The skip option.

The receiving location.

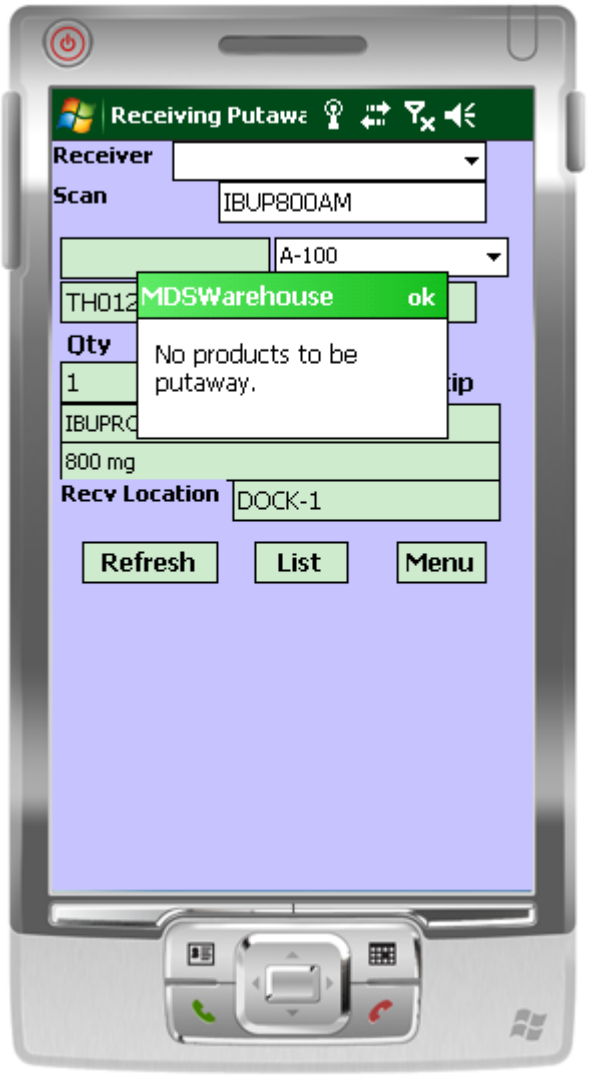
PO Putaway


Receiving Putawa
Receiver
007527
01134937
Scan
A-100
AQUAP
MDSWarehouse
OK to putaway Product AQUAPHOR,qty 4 CS in Location A-100
Yes
No
Qty
48
AQUAP
OINTME
Recv Location
DOCK-1
Refresh
List
Menu

PO Putaway – Overriding Quantities



PO Putaway - Completion



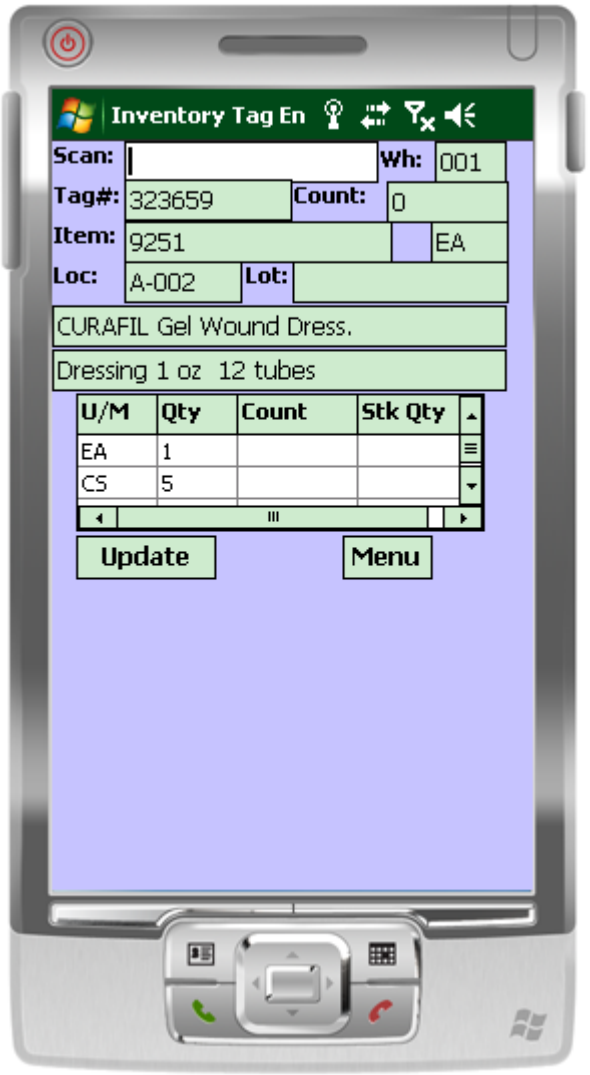
Page 1 Counted by:_____

TAG NO 323659 CYCLE COUNT# 1732
P/N 9251 Stock UM: EA CS: 5 BX: 1
DESC CURAFIL Gel Wound Dress. DESC2 Dressing 1 oz 12 tubes
WHS NO 001 WHS LOC A-002
CS :_____ BX:_____ PK_____ EA:_____ Count :_____ Ver By:_____ Recount :_____

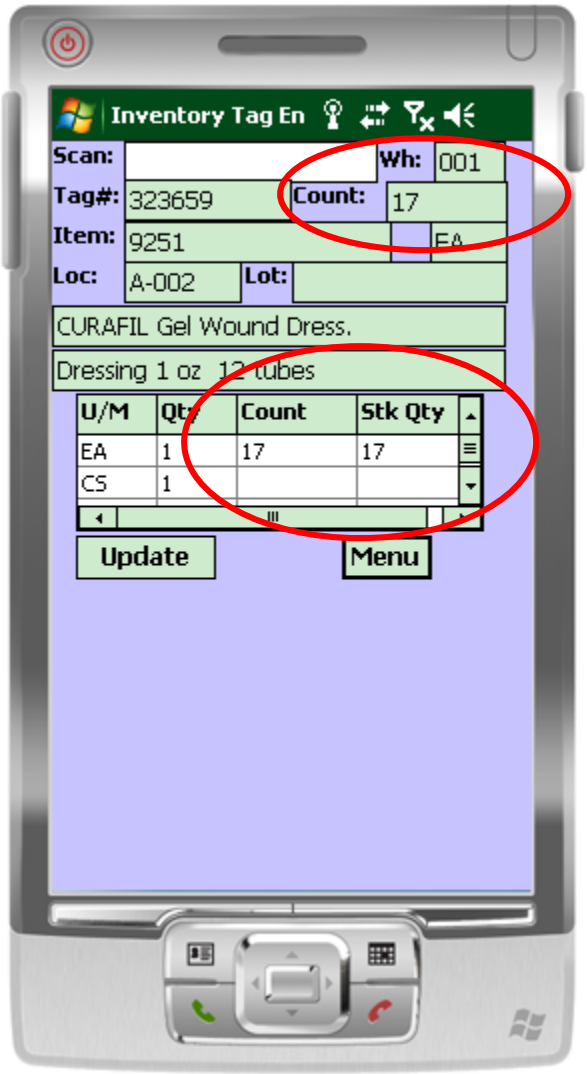
Warehouse Location

TAG NO 323660 CYCLE COUNT# 1732
P/N 9251 Stock UM: EA CS: 5 BX: 1
DESC CURAFIL Gel Wound Dress. DESC2 Dressing 1 oz 12 tubes
WHS NO 001 WHS LOC A-003
CS :_____ BX:_____ PK_____ EA:_____ Count :_____ Ver By:_____ Recount :_____

Physical Inventory – Count Entry



Physical Inventory – Count Entry



Where to Get More Information

- To contact support call 973-777-8050 or fax 973-777-3063.
- To access the The System's House website the address is: www.tshinc.com.