



USERS CONFERENCE 2017



Taking RF to the next level

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Taking RF to the next level

Common Scenarios:

- Pickers need flexibility in which location or lot they pick from
- Product has expiry dates
- Picking cases from pick line and pallets from bulk
- Orders are picked to a shipping pallet and staged in the loading area
- A compliance label may be required for each pallet
- Verify what is being loaded on the truck
- Paper-less



Taking RF to the next level

□ Agenda

- Assigning tasks to RF operators
- Accepting tasks in RF
- Using Unallocated picking to pick order
- Pick the order to a shipping conveyance and drop at staging location
- Picking from Bulk vs Pick line location
- Using Load Verify to move pallet to dock door
- Print pallet shipping report



Would it be a benefit if you could assign work to specific operators?

Show several lots with expiry dates

Explain the shelf life concept eg min 60 days of shelf life

Accept work – Explain / show how supervisor can assign work

After RF operator accepts the order show how this shows on the highview

Explain pick window and what we see and why not see oldest lot

Explain shipping conveyance purpose

F7 allows operator to hot key pallet moves then return without adding licenses

Explain how multiple operators can pick and load at the same time

Show RF55 and pallet load time



Assigning Work

- Paperless RF
- Assigning work to RF operators without the need for the pick slip
- Setting priorities
- Accepting work in RF
- Monitoring progress



Assigning Work

Orders not yet assigned

Operator has no orders assigned

Whs Ref	Client	Client Ref	Cust Ref	Life Cycle	Ord Stat	Operators	Hol d	Order Date
400079	GEN001	0207G		C Pickable	Pick Printed			2016-01-05
400078	GEN001	0207G		C Pickable	Pick Printed			2016-01-05
400080	GEN001	0207H		C Pickable	Pick Printed			2016-01-05
400076	GEN001	0207E		C Pickable	Pick Printed			2016-01-05
400075	GEN001	0207C		C Pickable	BOL Printed			2016-01-05
400077	GEN001	0207F		C Pickable	Pick Printed			2016-01-05

Operator	Name	Group	Warehouse	Asgnd Orders	Asgnd Receipts	Changed	Chu
ALL			01			2016-02-13	08:2
FORRIC	Richard Ferkun	GRP000		CHP-UNA-5-400032 WIP-UNA-5-400033 CHP-UNA-5-400032 CHP-UNA-5-400033 CHP-UNA-5-400034 CHP-UNA-5-400081		2017-02-23	07:5
TANBIN	Bing	GRP999	01	ASG-UNA-3-400036		2017-02-15	09:2
LEGTIH	Tim Legere	GRP000				2017-02-23	07:5

- Explain split screen view
- Works same with inbound
- Can use RF80 without split screen



Assigning Work

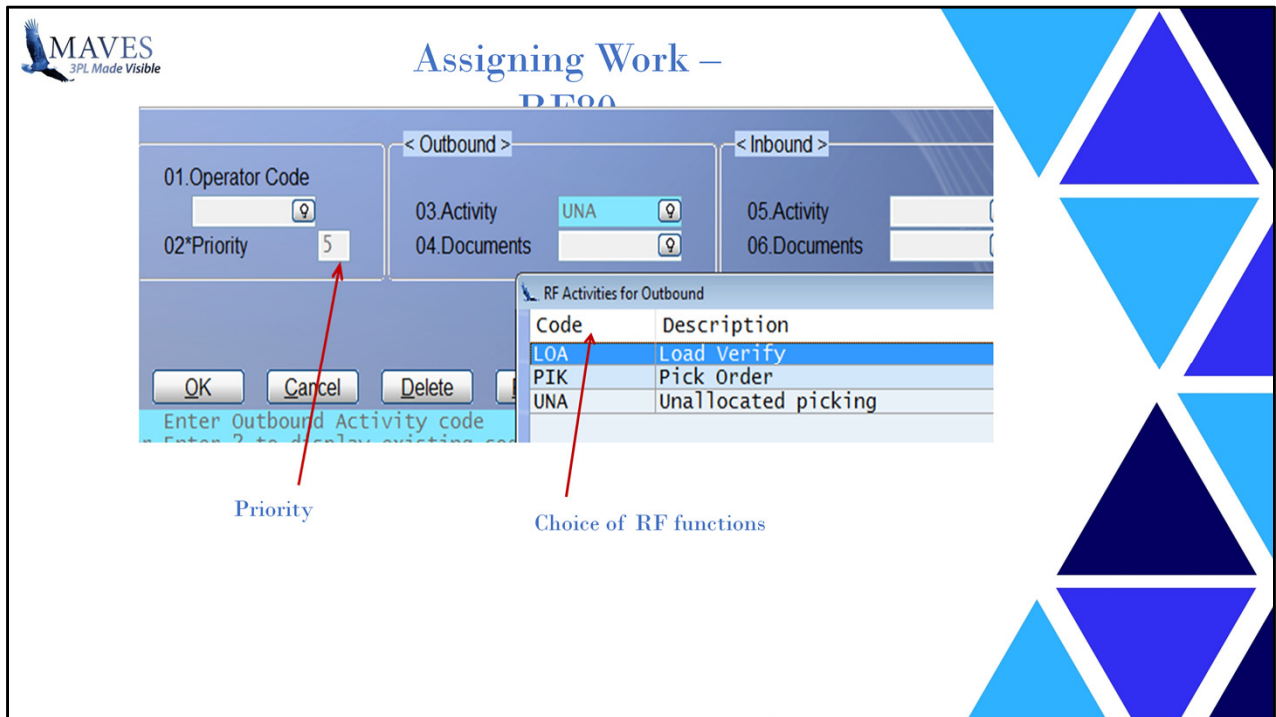
1. Highlight the order and operator

2. Click Assign Operators button

The screenshot displays the 'Assigning Work' interface. At the top, there are tabs for 'Inbounds WIP', 'Outbounds WIP', 'RF Operators', and 'Appt Log WIP'. The 'Outbounds WIP' tab is active. Below the tabs, there are menu options: 'Preferences', 'Panels', 'Actions', 'Commands', 'Specials', 'Spreadsheet', and 'XML'. The 'Actions' menu is open, showing options like 'List CMD's', 'Assign Operators', and 'De-assi...'. The 'Assign Operators' option is circled in red. Below the menu, there is a table with columns for 'Operator', 'Name', 'Group', and 'Wa'. The table lists operators: 'FORNIC' (Richard Forkun, GRP000, 01), 'TANBIN' (Bing, GRP999, 01), and 'LECTIH' (Tim Legere, GRP000, 01). The 'LECTIH' operator is highlighted in blue. To the right of the table, there are several panels: '< Operator List >' with 'LECTIH' selected, '< Outbound Document List >' with 'ASG-INA.5.400079' selected, and '< Inbound Document List >'. Below these panels, there are input fields for '01 Operator Code', '02 Priority' (set to 5), '03 Activity' (set to UNA), '04 Documents', '05 Activity', and '06 Documents'. At the bottom, there are buttons for 'OK', 'Cancel', 'Delete', 'Review', 'Print', 'Exit', and 'Help'.

3. RF80

Can use split screen or just open RF80
Can highlight multiple orders or receipt
Many to many (documents / operators)



There is a flag in RF96 that identifies the default setting for picking (allocated/unallocated) and receiving (single/bulk) otherwise user can change this

Priority defaults to 5 and can be overridden

Not just picking or receiving – other RF functions like Load verify, moves



Assigning Work

Order # 79 is now assigned to operator LEGTIM

Inbounds WIP **Outbounds WIP** **RF Operators** **Appt Log WIP**

Outbounds WIP

Preferences Panels Actions Commands Specials Spreadsheet XML

Query Columns Rows MyViews: BASE_MNTR_ORD Monitor Ord Def Ords No Pick Slip

Whs Ref	Client	Client Ref	Cust Ref	Life Cycle	Ord Stat	Pct Picked	Operators	Hol d
400036	GEN001	TEST		C Pickable	BOL Printed	0	ASG-UNA-3-TANBIN	
400052	GEN001	1023A	901	C Pickable	Pick Confirmed	0	ASG-UNA-5-FORRIC	
400053	GEN001	1204A	1039	C Pickable	Pick Confirmed	0	CHP-UNA-5-FORRIC	
400054	GEN001	1204B	1042	C Pickable	Pick Confirmed	0	CHP-UNA-5-FORRIC	
400079	GEN001	0207G		C Pickable	Pick Confirmed	0	ASG-UNA-5-LEGTIM	
400081	GEN001	0222A	RF	C Pickable	Pick Confirmed	100	CHP-UNA-5-FORRIC	

Undo Refresh 00:00:21 Auto-R

RF Operators

List CMD's Assign Operators De-assign Operators

Operator	Name	Group	Warehouse	Asgnd Orders	Asgnd Receipts	Changed	Char
ALL			01			2016-02-13	08:29
FORRIC	Richard Forkun	GRP000		CHP-UNA-3-400032 WIP-UNA-3-400033 CHP-UNA-5-400032 CHP-UNA-3-400053 CHP-UNA-3-400054 CHP-UNA-5-400081		2017-02-23	07:54
TANBIN	Bing	GRP999	01	ASG-UNA-3-400036		2017-02-15	09:27
LEGTIM	Tim Legere	GRP000		ASG-UNA-3-400079		2017-02-23	08:15

Accepting Work

```
< MENU >
# Description
<1 Accept Work >
2 Bulk Receiving
3 Single Receiving
4 Pick Order
5 Move Stock
6 Inquiry
7 Select Warehouse
8 Pallet Control
9 Log Off
```

RF01

```
< Assignment >
Doc #      Client
<400079    GEN001>
Shp Date: 05.01.16
Assigned
```

Accept Work Display

```
< Assignment >
Doc #      Client Type Activity      Date      Status
<400079    GEN001 ORD  Unallocated picking  Shp Date: 05.01.16  Assigned
```

The RF operators view

They see the tasks assigned, in priority sequence

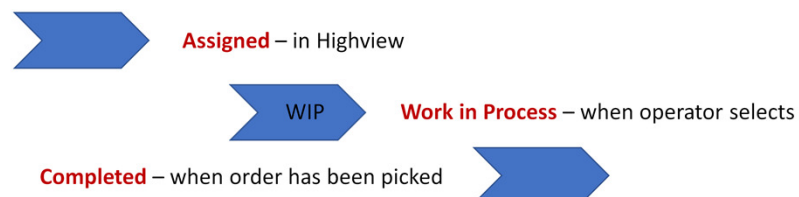
They can see which function they are required to use

They select the document and can start work directly

Accepting Work

After accepting the task the system takes the operator directly to the appropriate program e.g. Unallocated picking or Pick order, Single Receiving etc.

The status of the task is changed:



The assign process goes through 4 stages and remains while the document is open:

1. Documents are assigned by supervisor – ASG status
2. Task is viewed/accepted by RF operator – WIP status
3. Task is completed by RF operator – CMP status
4. Receipt is processed / order is confirmed the assignment is removed

Assigning Work

Whs Ref	Client	Client Ref	Cust Ref	Life Cycle	Ord Stat	Pct Picked	Operators
400032	GEN001	WHS 01 SIGN		C Pickable	Pick Confirmed	0	ASG-UNA-5-FORRIC
400033	GEN001	WHS 02 NOSIGNE		C Pickable	Pick Printed	0	ASG-UNA-5-FORRIC
400036	GEN001	TEST		C Pickable	BOL Printed	0	ASG-UNA-3-TANBIN
400052	GEN001	1023A	901	C Pickable	Pick Confirmed	0	ASG-UNA-5-FORRIC
400053	GEN001	1204A	1039	C Pickable	Pick Confirmed	0	CHP-UNA-5-FORRIC
400054	GEN001	1204B	1042	C Pickable	Pick Confirmed	0	CHP-UNA-5-FORRIC
400079	GEN001	0207G		C Pickable	Pick Confirmed	0	CHP-UNA-3-LEGTIM
400081	GEN001	0222A	RF	C Pickable	Pick Confirmed	100	CHP-UNA-5-FORRIC

Completed tasks show with status CMP

Unallocated Picking

Benefits:

- Allows controlled flexibility over which stock is picked e.g.
- oldest lot only with multiple locations
- lots within a specific range from oldest
- Ideal for floor locations
- Avoids need to search for buried pallets
- Monitor shelf life minimums

Prerequisite:

- CR18 field 86



Unallocated Picking – Pick Window

Scenario 1: Display ALL possible lots

Display oldest stock first with locations and show ALL lots

< Picking Locs >						
Ty	Wh	Location	Qty	Date	Lot	Components
<B	01	011A02	400	04.10.17	C114 7100	04.10.17 2
B	. 01	011A01	204	05.10.17	C114 7130	05.10.17 1
B	. 01	011A08	204	05.10.17	C114 7130	05.10.17 1

Avail Qty:	Conveyance ID:
94	M02100
102	M02101
102	M02102
102	M02103

```
Qty Picked: 0
Ord#:444913 Ln:002
Client:00001 Wh: 01
Prod: 003481
Ord Qty: 8
Oldest Lot: 011A02

Pick Loc: 011A02
Lot:C114 7100 04.10.1
Storage Conveyance
█
Pick Qty:
Drop/Pick (D/P):
Location:
Accept (Y/N): Y
```

Scenario 2:
Display ONLY oldest lot

Display pallets with quantity available



Unallocated Picking – RF93

Shelf Life

Client: 000019 ABC COMPANY

Product: ALL

All Products

Pick Window Aging: 0

Order Type: 9

Based On: LED 30

Days: 999

Override Lot/Location: Y

Check Pick Window for Pickline Locations: Y

Apply Pick Window to Stock in Bulk Locations: Y

Location Types - setup 'ALL' in Product >

Allow Bulk Location Type	Y
Allow Pickline Location Type	Y
Allow Both Location Type	Y

Shipment Conveyances - set up 'ALL' in Client/Prod >

Bulk Location Type:	N
Pickline Location Type:	O
Both Location Type:	O

Unit IDs >

Max Number of Unit IDs for Pick/Drop:	0
Allow Override of Lot:	N
Allow Override of Location:	N

Display oldest/newest stock first

Lot component: ORD/LAG/LRD/LED/LOT

Pickline options

Shipping conveyance options

Unit ID options

Features of RF93 and their benefits



Unallocated Picking Bulk vs Pickline

Scenario: Full pallet is 102 cases
Order quantity is for 110 cases

< Options >	
#	Description
1	Bulk Locations
2	Pickline Locations
3	Both

Choice of Bulk (full pallet)
vs pickline (case pick)
locations

< Order Lines >				
Line	Product	Order Qty	To Pick	Qty
< 001	003491	110	102	

Bulk
locations
Shows 102
(full
pallet)

< Order Lines - Pickline >				
Location	Product	Line Order Qty	To Pick	Qty
< 01TR01	003491	001 110	8	

Pickline
locations shows
8

Bulk vs pickline

Pickline is setup in SL95 eg. One pallet or 2 pallets



Unallocated Picking

Product Code	Product Description	Mult	SKU	On Hand	Available
Object/Conveyance IDs	On Hand	Exp/Rel			
003491	CDB MTBL ITAL 1 OZ ROBUST 2/5	CS			
	*Lot: UNALLOCATED				
	Lot:C114	7100	04.10.17 1		
				0	-110
			04.10.17	370	370
PALLET	:M00202			102	102
PALLET	:M00203			102	102
PALLET	:M00204			102	102
PALLET	:M00201			64	64
	Lot:C114	7121	05.01.17 1		
			05.01.17	408	408
PALLET	:M00205			102	102
PALLET	:M00206			102	102
PALLET	:M00207			102	102
PALLET	:M00208			102	102
	Lot:C114	7135	05.15.17 1		
			05.15.17	408	408
PALLET	:M00209			102	102
PALLET	:M00210			102	102
PALLET	:M00211			102	102
PALLET	:M00212			102	102
Totals for product: 003491				1186	1076



Unallocated Picking – Shelf Life

Scenario 1: Display lots with minimum 60 days shelf life

Client: 00001 ABC COMPANY
Product: ALL
All Products
Pick Window Aging: 0
Order Type: Override L
Based On: LED 60 Check Pick
Days: 999 Apply Pick

RF93 – set 60 days shelf life

lv	wh	Location	Qty	Date	Lot Components
<B	01	011A02	408	05.01.17	c114 7121 05.01.17 1
B	01	011A04	408	05.15.17	c114 7135 05.15.17 1

Avail Qty: 102
102
102
102

Conveyance ID:
W00205
W00206
W00207
W00208

Pick window does not show oldest lot 04/10

If a minimum shelf life is required then picking the oldest lot may result in picking stock that is too close to its expiry date.

An enhancement we have done for some client also has consignee specific shelf life eg. Specific consignees may require a minimum shelf life that is greater than the nominal



Unallocated Picking Shipping conveyance

Benefits

Provides a way to scan pallets into the truck
A shipping label can be printed for each pallet

```
Qty Picked: 0
Ord#:444913 Ln:
      Shipment Conveyance
Conv: SHPCON
ID:
Ref ID:
Whs: 01 Loc:
```

How it works

RF operator is prompted to enter/scan
the shipping conveyance during picking

Order display shows
both shipping and
storage conveyances

01 Client Code	00001	ABC COMPANY			
02 Whs. Order	444912	03 Seller's No	0224B		
04 B.O.L No	444912	05 P.O No	RF		
06 Order Whse	01 Farmil SDN.	08 VICS No			
< Order Header >					
OS&D Info			Date To Arrive		
Conveyances On Order Line					
Ship_Conv/Loc	Line	Location	Pick_Qty	Ship_Qty	Storage_Conv
SC0224A	003	SHIPDOCK	0	4	M00201
SC0224B	003	SHIPDOCK	0	4	M00201
SC0224A	004	SHIPDOCK	0	4	M02100
SC0224B	004	SHIPDOCK	0	4	M02100

Why use shipping conveyances?

Compliance labels

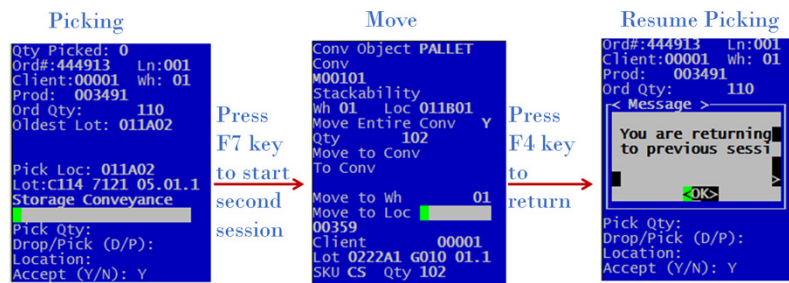
For ease of load verification when loading the truck



Unallocated Picking – Hot Key

Scenario:

- The RF operator plans to pick a pallet and finds another pallet needs to be relocated first
- Need to stay in the order while doing this



Have you needed the ability to perform a different RF task while in a task already eg. You are picking but need to move a pallet while there?

You might be using scrattach

If you have 2 sessions open this uses 2 licenses

The Hot key F7

Also F5



Load Verify

Benefits

- Verifies each pallet being loaded
- Pallet shipping report shows pallet sequence and time of loading (RF55)
- Two operators can work in tandem – picking and loading

Prerequisite

- Stock must be on an identified pallet



Load Verify

1. Enter order and final location

```
Trans. Number  
444914  
Type: Order  
Whse Ref:  
444914  
Client Ref:  
0227E  
Cust Ref:  
  
Tot Qty:8  
# of Conv:2  
To Whse:01  
To Loc: DOOR1  
Entry Type:I  
I=Ids,N=No Ids,B=Both  
Update:Y
```

2. Scan pallet and final location

```
Trans #  
444914  
Trans Type  
Order  
Id:  
MAVES0227A2  
Location: DOOR1  
  
Last Id:  
MAVES0227A1  
% Complete 50
```

3. Completion

```
Order Verified.  
  
<OK>
```



Pallet Manifest RF55

Pallet Manifest per ORDER by Load Sequence
Printed: Mar 02/2017

ORDER: 444919

RF 55
Page 1

Client: 00001 ABC COMPANY
Shipper's Ref: 0302A
Customer: SNOWBALL FOODS
City/State: PITTSBURGH, PA
PO Number:
Carrier: To be Determined

To Arrive: . . .
To Ship: 03.02.17
Pieces: 8
Weight: 85 LBS
Cubes:

Legend Ty (Sequence Type):

D = ID dropped (i.e. Picking of ID completed)
*** = ID has been dropped but not verified as loaded on the carrier
L = ID has been verified as loaded on the carrier

Ty	Seq#	ShipID	Lin	Product	QTY	Description	Lot Number	S.QTY	Storage ID
L	001	MAVES0302A1			4	(09:05)			
		003	003481			CDB MEBL ITAL 1 OZ ROBUST 2/5	C114 7130 05.10.17 1	2	M0301
		004	003491			CDB MEBL ITAL 1 OZ ROBUST 2/5	C114 7121 05.01.17 1	2	M00205
L	002	MAVES0302A2			4	(09:05)			
		003	003481			CDB MEBL ITAL 1 OZ ROBUST 2/5	C114 7130 05.10.17 1	2	M0301
		004	003491			CDB MEBL ITAL 1 OZ ROBUST 2/5	C114 7121 05.01.17 1	2	M00205
TOTAL SHIPPING IDs:					2	TOTALS:			8

Sorts by shipment conveyance
Prints time of loading

Q & A

