



MAVES USERS CONFERENCE 2017



What's New in ViewPoint Logistics?

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Topics

ViewPoint Logistics (VL) – New Versions

- VL16.020 (Released: December 2016)
- VL17.010 (To be Released: April 2017)

Questions and Answers



Today we'll be reviewing two (2) releases since the LAST User Conference.

VL16.020 was released after the LAST Conference (i.e. in December of 2016)

VL17.010 is scheduled for release NEXT month (i.e. in April of 2017)

We're excited to show you what we've been up to the past year as we believe we have a large volume and variety of rich application functionality.

During this presentation I won't attempt to demonstrate all the new functionality.

Instead, I'll provide you with an overview of the enhancements and answer three (3) questions:

- 1. What Business Cases and Scenarios exist when the application changes are required?
- 2. What is the functionality and scope of the new features?
- 3. How do the modifications benefit you?

☐ Enhancements:

- HighView Action Grids:
 - ✓ Work Orders – HighView
 - Work Orders Header – Action Grid
 - Work Orders Details – Action Grid
 - ✓ WMS Appointments – HighView
 - Appointments Query – Action Grid
 - Appointments Activity – Action Grid
 - ✓ WMS Invoicing – HighView
 - Conveyance Billing Details – Action Grid
- WMS Receiving:
 - ✓ Duplicate Client Shipment Reference Number

We've created or enhanced a number of new features, in various areas of the software, for the VL16.020 release including:

- HighView Action Grids,
- Receiving,

☐ Enhancements (Continued):

- WMS Order Management:
 - ✓ Back Orders
 - ✓ Reprint of Confirmed/Shipped Orders
 - ✓ New Parameters – BOL Form
 - ✓ Client Shipment Reference # – Increase in Length
 - ✓ Conveyance Activity Report – Output to CSV
- Radio Frequency:
 - ✓ Unallocated Picking – Lot Stock Control View
 - ✓ Hot Key – To Move Conveyance Option
 - ✓ Hot Key – To any RF Menu Option

- Order Management,
- Radio Frequency,

Enhancements (Continued):

- WMS Appointment Log:
 - ✓ Create Appointments – Anytime
 - ✓ Modify Appointments – After Archiving
 - ✓ Archive Appointments – From Jobs / Action Grids
 - ✓ Purge Appointments – From Jobs / Action Grids
 - ✓ Display Dwell Times – On Action Grids
- WMS Work Orders:
 - ✓ Transaction Processing
 - ✓ Configurations

- Appointment Log
- Work Orders

☐ Enhancements (Continued):

- WMS Invoicing:
 - ✓ Quick Print Options:
 - Accessorial Invoice
 - Receipt Invoice
- WMS Adjustments:
 - ✓ Adjustments – Change Lot Component Value
- Other:
 - ✓ Empty Locations Report – Output to CSV File
 - ✓ Unit IDs – Display on In-Transit Labels
 - ✓ My Logistics Administration – Unlock Users
 - ✓ Deadlocks – Automatic “Braking” and E-Mail
 - ✓ Logouts – Automatic Termination of Idle Sessions

- Invoicing
- Adjustments
- and Other areas.

□ HighView Action Grids:

- WMS Work Orders – HighView
 - ✓ Header (IP.40s) – Action Grid
 - ✓ Details (IP.40s) – Action Grid
- Business Case/Scenarios
- Functionality/Scope
- Benefits



Let's take a look at some specific enhancements ...

The WMS Work Orders HighView is NEW for VL16.020.

What is a Work Order?

- It is specific billable work requested by a Client
- Typically it is NOT ad-hoc service charges attached to a Receipt or Order
- The work is often associated with preparing goods for shipment (e.g. making them "Sale Ready")
- A Work Order is a collection of multiple charges/rates that are used to record and bill for the completed work
- One or more Work Orders are selected and placed on an Accessorial Invoice
- So far, we've seen it most commonly used by 3PLs with Clients that store Garments
- We'll talk more about Work Order functionality later in the presentation

Why have we placed Work Order data in a HighView?

- Built in capabilities of the Action Grids allow you to quickly/easily:
 - Sort, filter, and summarize data to:
 - verify if W.O.'s have been generated correctly (and if NOT then change them),
 - determine if expected revenue levels have been generated and
 - aggregate revenue by more than Revenue Code (e.g. by W.O Groups and Sub-Groups, etc.)

WMS Work Orders - HighView Work Order Header - Action Grid

The Work Order Header is the 1st Action Grid in the HighView. As a "Query" style Action Grid, it will prompt the User for parameters before retrieving matching data.

The screenshot displays the 'Work Order Header' table in a software application. The table has columns for Work Order, W.O. Date, Client, Status, Invoice, WMS Order, Remark, W.O. Requestor, Client Ref, Cust P.O., and VICS BOL. Several rows are visible, each representing a work order with its specific details. Annotations with yellow arrows point to specific cells in the table, explaining their function as hyperlinks to other views or details.

Work Order	W.O. Date	Client	Status	Invoice	WMS Order	Remark	W.O. Requestor	Client Ref	Cust P.O.	VICS BOL
8000000001	2016-09-29	PUMKID	GENERATED	380048	NO ORDER	Revamp Winter line for New Year's Sale	Karen Barker	SR-541956	PO-892726	BR-330321
8000000002	2016-09-29	PUMKID	GENERATED	380054	NO ORDER	Complete by Friday September 30, 2016.	Mary Wood	SR-792726	PO-238356	BR-552068
8000000003	2016-09-30	PUMKID	GENERATED	380049	NO ORDER	Remark	Tim Legere	SR-272521	PO-282520	BR-535372
8000000004	2016-10-26	PUMKID	GENERATED	380050	NO ORDER	Completion by October 28th	Henry James	SR-692720	PO-464582	
8000000005	2016-10-26	PUMKID	GENERATED	380051	NO ORDER	Complete by Oct 31st	Tim Legere		PO-36633	
8000000006	2016-11-23	PUMKID	GENERATED	380052	NO ORDER	As per Jane Wyatt	Tim Legere	661151	923466	
8000000007	2016-11-29	PUMKID	GENERATED	380053	NO ORDER	Complete by Friday December 2nd at 5:00 p.m.	Kevin Halsey	SR-789271	PO-373922	
8000000008	2016-12-01	PUMKID	GENERATED	380054	NO ORDER	Complete by Monday December 5th at 5:00 p.m.	James Britton	SR-337500	982477	569268
8000000009	2016-12-02	PUMKID	CANCELLED	-	NO ORDER	Complete by December 5, 2016 at 5:00 p.m.	Hank Williams	320253	839275	
8000000010	2016-12-05	PUMKID	GENERATED	380056	NO ORDER	Complete by Tuesday December 6th for 5:00 p.m.	Brian Lawson	PO-901015	734927	440292
8000000011	2016-12-05	PUMKID	GENERATED	380055	NO ORDER	Complete by Wednesday December 7, 2016.	Norma Adams	SR-798264	PO-056735	440752
8000000012	2016-12-05	PUMKID	GENERATED	380056	NO ORDER	Complete by Friday December 9, 2016.	Charles Cutrara	SR-970522	PO-831201	
8000000013	2016-12-05	PUMKID	GENERATED	380057	NO ORDER	Complete by Monday December 12, 2016.	Pete Stankowski	SR-200753	PO-662926	494926

Hyper-link to Details Work Order Action Grid which displays the specific Charges and Amounts.

Hyper-link to Invoicing HighView (to see actual Accessorial Invoice) and Outbound Query Action Grid to view any related Order

Client and Customer Reference that can be used to filter and recall specific Work Orders

Let's take a look at the Work Orders HighView and Action Grids to see their contents

- Links exist to the Accessorial Invoices (to view the Graphical Invoice) and associated Order (if used)
- There is a variety of data that allow you quickly find and recall the appropriate W.O. by the:
 - the Client's Reference numbers,
 - who requested the Work,
 - and search text in Remarks.
- You can also hyperlink from a specific Work Order into the Details



WMS Work Orders - HighView Work Order Details - Action Grid

Work Order	Charge Code	Description	Units	Rate	Amount	Group	Changed	Changed	Unique Key
000000001	B1	Seal Bags	98	0.10	9.8				000000001B1
000000001	B2	Rebag	98	0.18	9.8				000000001B2
000000001	F1	Fold	98	0.18	17.64				000000001F1
000000001	H1	Hanger Removal	98	0.10	9.8				000000001H1
000000001	H2	Hanger Insertion	98	0.10	9.8				000000001H2
000000001	P1	Polystickers/Polybags	98	0.18	17.64				000000001P1
000000001	S1	Size Tabs/Clips	98	0.10	9.8				000000001S1
000000001	T1	Add and Remove Hand Tags	98	0.22	21.56				000000001T1
000000001	T2	Tickets	98	0.10	9.8				000000001T2
000000002	B1	Seal Bags	0	0.10	0				000000002B1
000000002	B2	Rebag	0	0.10	0				000000002B2
000000002	F1	Fold	0	0.18	0				000000002F1
000000002	H1	Hanger Removal	0	0.10	0				000000002H1
000000002	H2	Hanger Insertion	0	0.10	0				000000002H2
000000002	P1	Polystickers/Polybags	0	0.18	0				000000002P1
000000002	S1	Size Tabs/Clips	0	0.10	0				000000002S1
000000002	T1	Add and Remove Hand Tags	0	0.22	0				000000002T1
000000002	T2	Tickets	0	0.10	0				000000002T2
000000003	B1	Seal Bags	98	0.10	9.8				000000003B1
000000003	B2	Rebag	98	0.10	9.8				000000003B2
000000003	F1	Fold	98	0.18	17.64				000000003F1
000000003	H1	Hanger Removal	98	0.10	9.8				000000003H1
000000003	H2	Hanger Insertion	98	0.10	9.8				000000003H2
000000003	P1	Polystickers/Polybags	98	0.18	17.64				000000003P1
000000003	S1	Size Tabs/Clips	98	0.10	9.8				000000003S1
000000003	T1	Add and Remove Hand Tags	98	0.22	21.56				000000003T1
000000003	T2	Tickets	98	0.10	9.8				000000003T2
000000004	H1	Seal Bags	98	0.10	9.8				000000004H1

Things to mention:

- The Details Action Grid contains:
 - Charge Codes, Descriptions, Units, Rates and Extended Amounts

Overall, you reduce your labor time/cost because there isn't a need to find the PAPER Invoice.

□ HighView Action Grids:

- WMS Appointments – HighView
 - ✓ Query (RE.01) – Action Grid
 - ✓ Activity (RE.01) – Action Grid
- Business Case/Scenarios
- Functionality/Scope
- Benefits



We've added these two (2) New Action Grids to the WMS Appointments HighView.

What is the Query Action Grid?

- It is similar in use/purpose to the Inbound/Outbound Query Action Grids
- So ... this Action Grid allows you to view Appointments that have been ARCHIVED.
- Archived appointments are typically those that have been COMPLETED (e.g. Departed) and their Status will NO LONGER change.

Why was it built?

- The Work-In-Process Action Grid contains ALL OPEN Appointments (i.e. NOT Completed).
- Over time the # of Appointments (especially for those Unused and Completed) increase significantly.
- As a result the time required to refresh the contents of the WIP Action Grid after performing a task (like updating a Status) became longer
- In addition to the Query Action Grid we have also added an "Archiving" function and a revised "Purging" feature (more on this later)
- Net result: The WIP Appointment Action Grid is now reacts FASTER because it only contains OPEN Appointments



WMS Appointments - HighView Query - Action Grid

The Query Action is the 2nd Action Grid in the HighView. As a "Query" style Action Grid, it will prompt the User for parameters before retrieving matching data.

App No.	Book Tbl	Whs	Type	Stg Type	Load Type	Restricted	App Date	App Time	Status	Next Status	Stay	Archived	Carrier	Carr Name	Carr Phone
900013916	80	80	O	R	R	N	2016-11-09	08:00	DP	AR	01:10	Y	AL	Aldan	
900018368	81	80	I	R	R	N	2016-11-09	08:00	AR	AR	01:00	Y	CHRW	Carl Powell	
900019017	80	80	O	R	R	N	2016-11-09	09:00	DP	AR	00:49	Y	SCS	Sodius Cold Storage	
900018369	81	80	I	R	R	N	2016-11-09	09:00	DP	AR	00:35	Y	DA	DA Trucking	
900018370	81	80	I	R	R	N	2016-11-09	10:00	DP	AR	01:20	Y	JLS	JLS Cracker	
900013918	80	80	O	R	R	N	2016-11-09	14:00	DP	AR	01:00	Y			
900018371	81	80	I	R	R	N	2016-11-09	14:00	DP	AR	02:00	Y			
900019019	80	80	O	R	R	N	2016-11-09	15:00	DP	AR	01:00	Y			
900018372	81	80	I	R	R	N	2016-11-09	15:00	DP	AR	01:05	Y			
900019020	80	80	O	R	R	N	2016-11-09	16:00	DP	AR	01:17	Y			
900013921	80	80	O	R	R	N	2016-11-09	14:00	DP	AR	00:51	Y	PAUHL	Paul Miller	
900018373	81	80	I	R	R	N	2016-11-09	14:00	DP	AR	00:54	Y	RWTRC	RW Trucking	
900019022	80	80	O	R	R	N	2016-11-09	15:00	DP	AR	00:26	Y	SKTRN	Skinner Transfer	215-888-8889
900018374	81	80	I	R	R	N	2016-11-09	15:00	DP	AR	01:12	Y	CORWAY	Cor-Way Freight	
900019023	80	80	O	R	R	N	2016-11-09	16:00	DP	AR	01:29	Y	ABF	ABF Freight Systems	
900018375	81	80	I	R	R	N	2016-11-09	16:00	DP	AR	00:45	Y	BLOOM	Bloomfield	
900019024	80	80	O	R	R	N	2016-11-10	08:00	OP	AR	Y	Y			
900019025	80	80	O	R	R	N	2016-11-10	09:00	OP	AR	Y	Y			
900019026	80	80	O	R	R	N	2016-11-10	10:00	OP	AR	Y	Y			
900019027	80	80	O	R	R	N	2016-11-10	11:00	OP	AR	Y	Y			
900019028	80	80	O	R	R	N	2016-11-10	13:00	OP	AR	Y	Y			
900019029	80	80	O	R	R	N	2016-11-10	14:00	OP	AR	Y	Y			
900019030	80	80	O	R	R	N	2016-11-10	15:00	OP	AR	Y	Y			
900019031	80	80	O	R	R	N	2016-11-10	16:00	OP	AR	Y	Y			
900019032	80	80	O	R	R	N	2016-11-11	08:00	OP	AR	Y	Y			
900018384	81	80	I	R	R	N	2016-11-11	08:00	DP	AR	00:45	Y	BIGR	Big Red	
900019033	80	80	O	R	R	N	2016-11-11	09:00	OP	AR	Y	Y			
900019034	80	80	O	R	R	N	2016-11-11	09:00	OP	AR	Y	Y			

What is an Activity Appointment Log?

- It is similar to the existing "History" Appointment Action Grid
- However, it differs from the "History" Action Grid because it contains ALL Changes to a specific Status for an Appointment
- The "History" Action Grid only keeps the LAST revision to a specific Status for an Appointment

Why was it built?

- The Activity Action Grid let's you view "what actually happened" to the Appointment including:
 - the sequence in which things happened,
 - when it happened
 - and who made the change.
- This allows Administrators to analyze what happened and to take any necessary corrective actions

Next, let's look at BOTH the Query and Activity Action Grids.



WMS Appointments HighView Activity Action Grid

WMS Appointments

Appt Log WIP | Appt Log Query | Appt History | Appt Documents | **Appt Activity** | Inbounds WIP | Outbounds WIP

Appointment Log - Activity

Preferences | Panels | Actions | Commands | Specials | Spreadsheet | XML

Query | Columns | Rows | MyViews: No Selection | BASE | BASE

App. No.	Book Tbl	Whs	Type	Stg Type	Load Type	Restricted	App Date	App Time	Status	Status Date	Status Time	User	Update Date	Update Time	Carrier
900018568	BE	80	I	R	R	N	2016-11-09	08:00	OP			MAVES	2016-11-09	15:13:21	
900018568	BE	80	I	R	R	N	2016-11-09	08:00	UN	2016-11-09	08:00	MAVES	2016-11-09	15:14:06	CHPW
900018568	BE	80	I	R	R	N	2016-11-09	08:00	AR	2016-11-09	08:00	MAVES	2016-11-09	15:14:52	CHPW
900018568	BE	80	I	R	R	N	2016-11-09	08:00	DP	2016-11-09	09:00	MAVES	2016-11-09	15:15:28	CHPW
900018568	BE	80	I	R	R	N	2016-11-09	08:00	DP	2016-11-09	09:30	MAVES	2016-11-11	14:06:51	CHPW
900018568	BE	80	I	R	R	N	2016-11-09	08:00	DP	2016-11-09	09:00	MAVES	2016-11-11	14:08:20	CHPW
900018568	BE	80	I	R	R	N	2016-11-09	08:00	DP	2016-11-09	09:00	MAVES	2016-11-11	14:09:49	CHPW
900018569	BE	80	I	R	R	N	2016-11-09	09:00	OP			MAVES	2016-11-09	15:13:21	
900018569	BE	80	I	R	R	N	2016-11-09	09:00	UN	2016-11-09	09:00	DA	2016-11-09	16:01:08	DA TRU
900018569	BE	80	I	R	R	N	2016-11-09	09:00	AR	2016-11-09	09:15	DA	2016-11-09	16:03:32	DA TRU
900018569	BE	80	I	R	R	N	2016-11-09	09:00	DP	2016-11-09	09:50	DA	2016-11-09	16:03:54	DA TRU
900018569	BE	80	I	R	R	N	2016-11-09	09:00	DP	2016-11-09	09:50	DA	2016-11-11	14:21:23	DA TRU
900018569	BE	80	I	R	R	N	2016-11-09	09:00	DP						DA TRU
900018570	BE	80	I	R	R	N	2016-11-09	10:00	OP						
900018570	BE	80	I	R	R	N	2016-11-09	10:00	UN						FLS
900018570	BE	80	I	R	R	N	2016-11-09	10:00	AR						FLS
900018570	BE	80	I	R	R	N	2016-11-09	10:00	DP						FLS
900018570	BE	80	I	R	R	N	2016-11-09	10:00	DP	2016-11-09	11:05	MAVES	2016-11-11	14:22:16	FLS
900018570	BE	80	I	R	R	N	2016-11-09	10:00	DP	2016-11-09	11:05	MAVES	2016-11-11	14:42:08	FLS
900018571	BE	80	I	R	R	N	2016-11-09	11:00	OP						
900018571	BE	80	I	R	R	N	2016-11-09	11:00	UN	2016-11-09	11:02	MAVES	2016-11-09	16:12:03	ELITE
900018571	BE	80	I	R	R	N	2016-11-09	11:00	UN	2016-11-09	11:00	MAVES	2016-11-09	16:12:32	ELITE
900018571	BE	80	I	R	R	N	2016-11-09	11:00	AR	2016-11-09	11:02	MAVES	2016-11-09	16:13:08	ELITE
900018571	BE	80	I	R	R	N	2016-11-09	11:00	DP	2016-11-09	13:11	MAVES	2016-11-09	16:13:39	ELITE
900018571	BE	80	I	R	R	N	2016-11-09	11:00	DP	2016-11-09	13:11	MAVES	2016-11-11	14:22:33	ELITE
900018572	BE	80	I	R	R	N	2016-11-09	13:00	OP						
900018572	BE	80	I	R	R	N	2016-11-09	13:00	UN	2016-11-09	13:00	MAVES	2016-11-09	16:24:27	REDJAC
900018573	BE	80	I	R	R	N	2016-11-09	13:00	AR	2016-11-09	13:06	MAVES	2016-11-09	16:25:08	REDJAC

The Activity is sorted by the actual Update Date/Time in which changes were made. Note: The 'DP' Status was changed MULTIPLE times for this Appointment.

Refresh 00:04:16 Auto-Refresh Q off Total Rows Displayed: 1,676 of 1,676 Time to Load: 962 ms

☐ HighView Action Grids:

- WMS Invoicing – HighView
 - ✓ Conveyance Billing (IP.61) – Action Grid
- Business Case/Scenarios
- Functionality/Scope
- Benefits



The Conveyance Billing Action Grid was added to the WMS Invoicing HighView.

Business Cases/Scenarios:

- What is Conveyance Billing (you ask)?
- In a nut shell ... it allows you to bill for each Conveyance with stock regardless of its contents and quantity.
- Some Conveyances may have a heterogeneous stock mix and different Recurring Storage Dates for Lots on the Pallet.
- Explaining to Clients why a specific amount was billed based on pro-ratio and business rules can really “eat into” your productive time

Functionality/Scope:

- What did we build?
- The breakdown of Conveyance Billing Charges has been available for sometime in the IP.61 Conveyance Billing Query option.
- In this release that same information is now in an Action Grid that may be accessed by you AND your Clients (by My Logistics).

- Benefits:
- It minimizes time/cost spent reviewing and explaining Invoice charges to Clients.
 - Allows Clients to view and analyze their Invoices and Charges.



WMS Invoicing - HighView Conveyance Billing - Action Grid

TL Invoicing

Conveyance Billing - Details

Invoice	Line	Conveyance ID	Document	Client	Product	Charge Cd	Charge Desc	Charge Rate	Ln Base Amt	Ln Up Charge	Line Amount	Line Qty	Line Gross
100035	001	C100078-001	100078	MULREC	MULREC	H1	Handling per Pallet	6	0	0	6	64	640
100035	001	C100079-001	100079	MULREC	MULREC	I1	Initial Storage per Pallet	5	5	0	5	64	640
100035	001	L100079-001	100079	MULREC	MULREC	H1	Handling per Pallet	6	0	0	6	64	640
100035	001	00079-001	100079	MULREC	MULREC	I1	Initial Storage per Pallet	5	5	0	5	64	640
100070	001	C100152-001	100152	MULREC	MULREC	H1	Handling per Pallet	6	0	0	6	64	640
100070	001	C100152-002	100152	MULREC	MULREC	I1	Initial Storage per Pallet	5	5	0	5	64	640
100070	001	C100152-002	100152	MULREC	MULREC	H1	Handling per Pallet	6	0	0	6	64	640
100070	001	C100153-002	100153	MULREC	MULREC	I1	Initial Storage	5	5	0	5	64	640
100070	001	C100153-001	100153	MULREC	MULREC	H1	Handling	6	0	0	6	64	640
100070	001	C100153-001	100153	MULREC	MULREC	I1	Initial stor	5	5	0	5	64	640
100070	001	C100153-002	100153	MULREC	MULREC	H1	Handling per Pallet	6	0	0	6	64	640
100070	001	C100153-002	100153	MULREC	MULREC	I1	Initial Storage per Pallet	5	5	0	5	64	640
100072	001	C100156-001	100156	CBNN00	NORMAL2	H1	Handling per Pallet	6	0	0	6	64	640
100072	001	C100156-001	100156	CBNN00	NORMAL2	I1	Initial Storage per Pallet	7	7	0	7	64	640
100072	001	C100156-002	100156	CBNN00	NORMAL2	H1	Handling per Pallet	6	0	0	6	64	640
100072	001	C100156-002	100156	CBNN00	NORMAL2	I1	Initial Storage per Pallet	7	7	0	7	64	640
100072	001	C100156-003	100156	CBNN00	NORMAL2	H1	Handling per Pallet	6	0	0	6	64	640
100072	001	C100156-003	100156	CBNN00	NORMAL2	I1	Initial Storage per Pallet	7	7	0	7	64	640
100076	001	C100168-001	100168	CBNN00	NORMAL3	H1	Handling per Pallet	6	0	0	6	64	640
100076	001	C100168-001	100168	CBNN00	NORMAL3	I1	Initial Storage per Pallet	7	7	0	7	64	640
100076	001	C100168-002	100168	CBNN00	NORMAL3	H1	Handling per Pallet	6	0	0	6	64	640
100076	001	C100168-002	100168	CBNN00	NORMAL3	I1	Initial Storage per Pallet	7	7	0	7	64	640
100076	001	C100168-003	100168	CBNN00	NORMAL3	H1	Handling per Pallet	6	0	0	6	64	640
100076	001	C100168-003	100168	CBNN00	NORMAL3	I1	Initial Storage per Pallet	7	7	0	7	64	640
200017	001	041213-001-001	000001	CBNN00	NORMAL	R1	Recurring Storage	8	8	0	8	1	10
200017	001	041213-001-002	000001	CBNN00	NORMAL	R1	Recurring Storage	8	8	0	8	64	640
200017	001	041213-001-003	000001	CBNN00	NORMAL	R1	Recurring Storage	8	8	0	8	630	630
200017	001	041213-001-004	000001	CBNN00	NORMAL	R1	Recurring Storage	8	8	0	8	65	65

The Client was charged Inbound Handling and Storage when this Conveyance was received.

Refresh 00:00:45 Auto-Refresh Q of Total Rows Displayed: 128 of 128 Time to Load: 2203 ms



WMS Receiving:

- Duplicate Client Shipment Reference # (RE.21/31)
 - ✓ Business Case/Scenarios
 - ✓ Functionality/Scope
 - ✓ Benefits



Business Case/Scenarios:

- Periodically a Client may provide you with an Inbound Reference # that has already been used.

Functionality/Scope:

- This system will now warn you but allow you to continue and use the Duplicate #.

Benefits:

- This prevents a User from inadvertently entering the SAME Inbound twice.
- It minimizes/eliminates the creation of "false" inventory.

How does it work and where? Let's see ...



WMS Receiving Duplicate Client Shipment Reference

TL RE.31 Receipt Invoices

Header Second Header Invoice Info Detail Screen

< Receipt Entry >

01.Receipt		02.Invoice	
03*Receipt Date	03.08.2017	07*Client	TEST
04*Receipt Time	9:00 am		TEST
05.Whs Code	01		186 Oak Lane Suite 4
09.Carrier Code	JBHUNT		Toronto, ON
10.Carrier Name	J. B. Hunt		M9H 5G7
11.Pro/Way Bill	PB-494672		
12.Car/Container	CC-781655	08.Received From	SAME
13.Shipmer	631201		
14.Receiving #			
15.Control Units			
16.OSD Info			
17.Hash Total			
18.Receipt Type			
19.Storage Type			

OK to Proceed? (N)

This Reference is already on Receipt Number (100187) Accept?

Yes No

This same capability is available in RE.11/21/31.

202.2nd Header 203.Invoice 204.Detail

OK Cancel Delete Review Print Exit Help

Enter the Client's own reference number for this incoming order
or Enter CROSS if this is a cross-dock transaction



☐ WMS Order Management:

- Back Orders
 - ✓ Business Case/Scenarios
 - ✓ Functionality/Scope
 - ✓ Benefits



Business Case/Scenarios:

- Periodically (and for a number of reasons) you may NOT have enough stock to fill an Client's Order.
- Example: Clients asks for a quantity of 10 but you can only ship 7.
- Issue/Challenge: No automated feature exists to create an Order for the un-shipped quantity.

Functionality/Scope:

- A "Back Order" function has been created.
- It is activated by Client.
- In the event of a confirmed "Short Shipped" Order in OE.20 the System may now automatically create a DEFERRED Order for the Short Shipment quantities.
- The Order header data, for the Deferred Order, is identical to the Original Order.

Benefits:

- The Deferred Order allows for typical Order Management so that:
 - analysis regarding the short-fall may be investigated
 - and additional stock may be obtained.
- It also eliminates the labor time/cost to create the Back Orders.

Let's briefly review the configuration required and the process flow ...

WMS Order Management Back Orders

TL CR.18 Client Arrangements

75.Accepts Back Order : Y N

Will Back Orders be created during order confirmation in OE20?

TL OE.20 Confirm or Modify Shipments

Line	Product	Hold	Lot Number	Whs	Ordered	Shipped	Weight
001	Normal Product	<input type="checkbox"/>	734852	01	10	7	70

Message: Back order 410301 has been created for 410300

Only 7 of the requested 10 was shipped..

TL OE.01 Enter Orders (Shipping)

04*Whse. Order # 410301

This is a Deferred Order for the 3 pieces that were NOT shipped.

Line	Product	Hold	Lot Number	Whs	Ordered	Shipped	Weight
001	Normal Product	<input type="checkbox"/>		01	3	3	30



□ WMS Order Management:

- Bill of Lading:
 - ✓ Reprint of Confirmed/Shipped Orders (OE.33)
 - ✓ New Parameters – BOL Form (WP.77)
- Business Case/Scenarios
- Functionality/Scope
- Benefits



Business Case/Scenarios:

- Some 3PLs may need to reprint a Bill of Lading after an Order has been Confirmed/Shipped.
- The original may have been damaged/destroyed and your software version may NOT include HighViews which provide access to an electronic copy of the BOL which may be viewed/printed.

Functionality/Scope:

- The new OE.33 Reprint BOL enables you to re-print a Confirmed B.O.L.
- The contents of the B.O.L. are identical to the Order's data at the time of Confirmation (in OE.20).
- No changes may be made to the Order (e.g. Charges, Remarks, Notes, CSD, etc.).

Benefits:

- Eliminates the time/cost to:
 - request Maves to change various Order values/settings so the B.O.L. may be re-printed.

Where is this Job on the menu?

What other data may be displayed on the e-Docs Graphical Bill of Lading?



WMS Order Management Bill of Lading – Reprint and New Parameters

e-Z Learn OFF TL - Total Logistics

Operations

Expand All Collapse All

- Warehouse Management
- Financial Management
- Transportation Management
- HighViews
- My Logistics

TL WMS OB Job Menu

Main Tasks	Master Outbounds (Continued)
OE01 - Create Outbounds	OE83 - Master BOL Document - for Specific Outbounds
OE03 - Print Pick Slip	OE84 - Master BOL Document - Print
OE28 - Modify Outbounds	OE85 - Open Master Outbounds - Report
OE03 - Print Bills of Lading	Other Optional Tasks
OE20 - Confirm Shipment of Outbound	OE04 - Identify Pick Slip for Reprint
Deferred Outbounds	OE04 - Identify Bill of Lading for Reprint
OE01 - Create Deferred Outbound	OE33 - Confirmed Order BOL Reprint

TL WP.77 Bill of Lading - Configuration

01*Client Code	GEN	20*Arrive Date	N
02*Net Weight	Y	21*Carrier Signature	N
03*Total Cube	Y	22*Location	Y
04*Ship Conveyance	Y	23.Print Condensed Y/N	N
05*Ship-From Conv		24.GTIN Yes Or No	Y
06*Lot Component		25.Print Pack Size Y/N	N
07*Lot View		26.Pack UOM	CT
08*Driver Info	B	27.Number of Copies	1
09*NFC Full if Weight	N	28.Weight in 2 Decimals	Y

This data may be displayed, or suppressed, on an e-Docs Graphical Bill of Lading for specific, or all, Clients.

☐ WMS Order Management:

- Client Shipment Reference # – Increase in Length
- Conveyance Activity Report (OR.55) – Output to CSV



Business Case/Scenarios:

- Various standards (e.g. Electronic Data Interchange) require a 20 character Reference # for Outbound Shipments
- Also, the analysis of Conveyance Activity can be performed more efficiently/effectively once the data is available in a Spreadsheet.

Functionality/Scope:

- The Client's Shipment Reference # has been increased to 20 characters.
- The OR.55 Conveyance Activity Report may now be exported to a CSV File

Benefits:

- The Reference # now meets standards and will no longer be truncated.
- The CSV file may also be shared.

Where may the Outbound Client Shipment Reference # be entered/view?



WMS Order Management Other Enhancements

TL OE.01 Enter Orders (Shipping)

Header		Transportation		Details	
01*Client Code	TEST	07*To Ship D/T	03.08.17	N	5:00PM
TEST		08.Service L/FT			
186 Oak Lane		Carrier code	JBHUNT		
Suite 4			J. B. Hunt		
Toronto, ON M9H 5G7		09*Routing Code	03	Common Carrier	
02*Ship-To Code	AP0198	10*Control Method	PP	PREPAID	
A AND P STORE 198		11.Seller's Number	12345678901234567890		
226 EISENHOWER ROAD		12.Purchase Order			
SUITE 12		13.To Arrive D/T			
PHILADELPHIA, PA 29837		14.Hash Total			
03.Bill-To Code		15.Broker Number			
		16.Order Type			
		Status			
04*Whse. Order #		17*Warehouse			
		Probill/Manifest			
06*Order date	03.08.17	19 Shipped D/T			
		20.Bill of Lading			

The Seller's # may also be entered, queried and viewed in OE.03/20/21/28 and OR.40 (amongst other options).

Enter the seller's number (shipper's reference number) or Enter * to combine multiple shipments on one order

TL OR.55 Conveyance Activity Print

Printer	Description	Location	Form	FC
ACCESS	Access 100	*access		
ARCHIVE	Direct To Archive	*spool-arc		
ASDF	asdf	asd		NotMounted
BBOARD_csv	Bulletin Board - csv	*bboard		
BBOARD_ppf	Bulletin Board - ppf	*bboard		
BB_UNIFORM	Bulletin Board - uniform	*bboard		
B_BOARD	Bulletin Board	*bboard		
Ctl	Canon Printer (Graphical)	*b1 room		
CSV	Comma separated vales	*csv		
EMail	CREATIVE CSV FILE	*send by email		
FAX	FAX report to Client	*fax		
FAX_NARROW	Fax - 80 Columns	*fax		
FILE	Print to ASCII File	*file		
GHOST	"ghost" printer	*ghost		
HP1	hp 4100	development		
HP1_L	HP 4100 lndscp	development		
HTM	FMAT1 HTM_email1 (fast_rhcr)	HTM_report_email_output		



□ WMS Radio Frequency:

- Unallocated Picking – Lot Stock Control View
 - ✓ Business Case/Scenarios
 - ✓ Functionality/Scope
 - ✓ Benefits

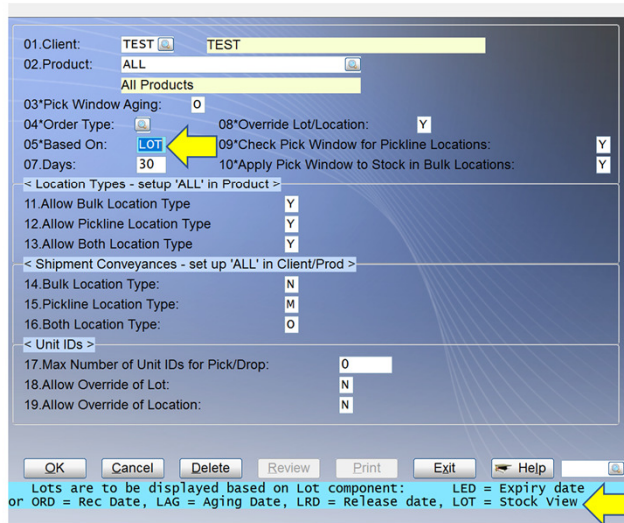


Business Case/Scenarios:

- Unallocated Picking has many advantages.
- Chief among them is the ability to pick the most accessible stock within a defined Pick Window
and thereby reduce the labor time/cost associated with Picking.
- However, the Pick Window requires the stock's Lot to contain a Date
(e.g. Aging Date, Release Date, Expiry Date).
- Often times a Product's Lot will NOT contain a Date
and the Original Receipt Date of the Lot is NOT the best value for the Pick Window.
- The best value for this type of stock is often the Lot or Batch #
which is typically the first (or only) component in the Lot's Stock Control View.

WMS Radio Frequency Configuration: Unallocated Picking By Lot Stock Control View

TL RF.93 Unallocated Picking - Set-Ups



01.Client: TEST TEST

02.Product: ALL

All Products

03*Pick Window Aging: 0

04*Order Type: LOT 08*Override Lot/Location: Y

05*Based On: LOT 09*Check Pick Window for Pickline Locations: Y

07.Days: 30 10*Apply Pick Window to Stock in Bulk Locations: Y

< Location Types - setup 'ALL' in Product >

11.Allow Bulk Location Type: Y

12.Allow Pickline Location Type: Y

13.Allow Both Location Type: Y

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

14.Bulk Location Type: N

15.Pickline Location Type: M

16.Both Location Type: O

< Unit IDs >

17.Max Number of Unit IDs for Pick/Drop: 0

18.Allow Override of Lot: N

19.Allow Override of Location: N

OK Cancel Delete Review Print Exit Help

Lots are to be displayed based on Lot component: LED = Expiry date
or ORD = Rec Date, LAG = Aging Date, LRD = Release date, LOT = Stock View

Functionality/Scope:

- The Unallocated Picking definition has been expanded so a Product's Lot's Stock Control View may be used as the Pick Window.
- The "lowest" value (e.g. number) of the FIRST component of the Lot's Stock Control View is considered to be the "Oldest Lot" by the System.
- Note: Because the Lots do NOT have a Date then the Pick Window range is "unlimited" (i.e. ANY Lot may be picked).

Benefits:

- Again, it reduces the labor time/cost related to Picking.

Where and how is this defined?

☐ WMS Radio Frequency:

- Hot Key <F7> – To RF.01 Move Conveyance Option
- Hot Key <F5> – To any RF.01 Menu Option



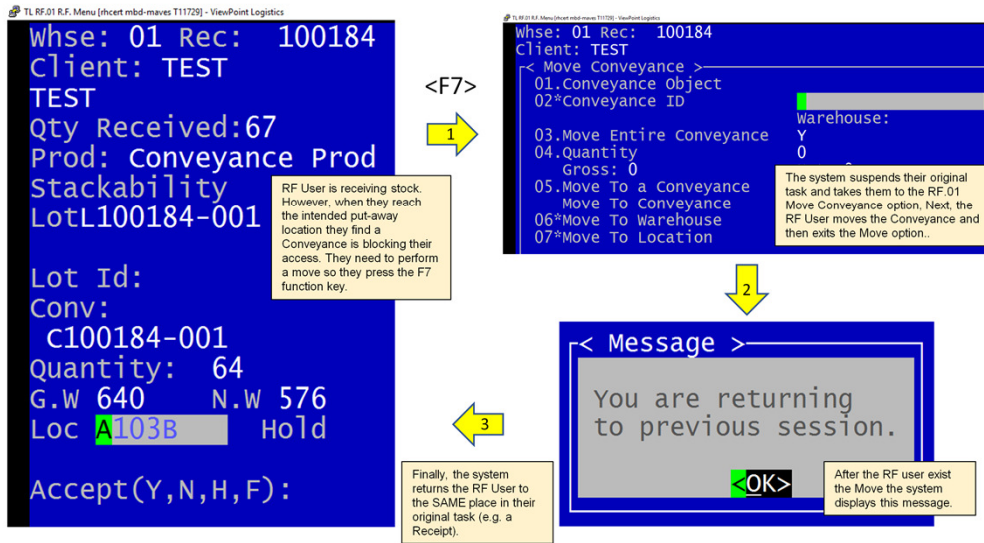
Business Case/Scenarios:

- Warehouse staff often need to stop what they're working on, perform another task and then return to their original task.
- This may happen because a Supervisor requests them to perform higher priority work, or, because they can't complete their original task until they finish a second task (e.g. need to move stock blocking a put-away location).
- Issue: Currently, an RF User may only perform one RF Task at a time.

Functionality/Scope:

- Two enhancements have been made to RF Functionality.
- The first change allows an RF User to suspend their current task, use the F7 key to access the RF.01 Move Conveyance option, perform the Move and then return to their original task.
- The second change allows an RF User to suspend their current task, use the F5 key to access ANY option on the RF.01 Menu, perform the required task and then return to their original task.

WMS Radio Frequency Hot Key <F7> to RF.01 - Move Conveyance



Benefits:

- It increases the efficiency and productivity of your RF staff.

Let's briefly review the process ...

WMS Radio Frequency Hot Key <F5> to RF.01 Menu

```

Qty Picked 0
Ord# 410299 Ln 001
Client TEST Wh 01
Prod Conveyance Pro
Ord Qty 64
Oldest Lot A103B

Pick Loc A101A
Lot L-000002 02.15.17
Storage Conveyance

Pick Qty
Drop/Pick (D/P)
Location
Accept (Y/N) Y
    
```

<F5>



```

< Message >
You are opening
a new session.
<Yes> No
    
```

This process operates in an identical fashion to the F7 function key. The only difference is that the RF User may choose the second task that they need to perform (e.g. Load Verify an Order).



```

< MENU >
# Description
01 Accept work
02 Bulk Receiving
03 Single Receiving
04 Master Order Picking
05 Pick Order
06 Bulk Picking
07 Unpick Stock
<08 Load Verify >
09 Move Stock
10 Inquiry
11 Select Warehouse
12 Unallocated Pick
13 Count Stock
14 Event Entry
15 Location Status
16 Log Off
    
```



```

< Message >
You are returning
to previous session.
<OK>
    
```



□ WMS Appointment Log

- Create Appointments – Anytime
- Modify Appointments – After Archiving
- Archive Appointments – From Jobs / Action Grids
- Purge Appointments – From Jobs / Action Grids
- Display Dwell Times – On Action Grids



A number of enhancements have been made to the Appointment Log functionality.

Let's look at each one.



WMS Appointment Log Create Appointment Anytime (RE.01)

App. No	Book Tbl	Whs	Type	Stg Type	Load Type	Restricted	App Date	App Time	Status	Next Status	Stay	Carrier	Carr Name
000026559	11	01	I	D	R	Y	2017-01-31	07:00	OR	UN			
000026561	11	01	I	D	R	N	2017-01-31	08:00	UN	UN		YELLOW	Yellow Freight
000026560	11	01	I	D	R	N	2017-01-31	08:00	UN	UN		EXPRES	Express Transport
000026564	11	01	I	D	R	N	2017-01-31	09:00	OP	UN			

TL RE.01 Appointment Log

01.Appointment Archived Status

02*Bk Tbl 04*Appt Type 06*Date 08.Recurring
03*Whse 05*Strg Type 07*Time 09.End Date

10.Status 11*Carrier
12.Name 14.Seal #
15.Driver 17.Doc Type 18.Doc #

OK to Proceed ?
This time slot is fully booked.
continue to create a new appointment?

Business Case/Scenarios:

- Periodically, all the scheduled slots for a given time-period may be booked with Appointments.
- However, it may be an important load and physically you can accommodate the additional Appointment.

Functionality/Scope:

- The Appointment Log has been enhanced to allow you to add MORE Appointments than the defined maximum # of Appointments for a time-slot.
- The system will display a warning message but will allow you to create a New Appointment.

Benefits:

- Provides flexible scheduling capabilities for Client loads (which may be based on labor availability, transaction volumes/types, etc.).

WMS Appointment Log Modify Appointment After Archive (RE.01)

L1 RE.01 Appointment Log

The screenshot shows a software interface for managing appointments. At the top, there is a search bar with 'Appointment' and '18568'. Below it, a confirmation dialog box is displayed with the text: 'OK to Proceed? This appointment has been archived. Do you wish to retrieve and then (optionally) modify, or delete it? Continue?'. There are 'Yes' and 'No' buttons, with a yellow arrow pointing to 'Yes'. Below the dialog, another yellow arrow points to a detailed appointment record. This record shows 'Appointment' as '000018568', 'Archived' as 'Yes', 'Status' as 'DP', and 'Date' as '2016-11-09'. Other fields include 'Bk Tbl' (8I), 'Whse' (80), 'Appt Type' (I), 'Strg Type' (R), 'Date' (11.09.2016), 'Time' (08.00), 'Recurring' (N), 'End Date', 'Status', 'Carrier' (CHPW), and 'Duration of Stay' (01:00).

Business Case/Scenarios:

- Occasionally, a User may determine that some information for an Archived Appointment is incorrect (e.g. has an incorrect Departure Time).

Functionality/Scope:

- The Appointment Log has been enhanced to allow Users to modify Archived Appointments.
- After the User selects an Archived Appointment the system will display a warning message but allow the User to recall and then modify or purge the Appointment.

Benefits:

- Increases the accuracy of historical Appointment data.

WMS Appointment Log Archive from Job (RE.09) and Action Grid

TL RE.09 Archive/Purge Appointments

01 Booking Table

02 Start Date 03 End Date

04 Status

05 Action

OK to Proceed?

18 Appointments selected for Archival.

After archiving is complete these Appointments will be moved from the Appointments working-In-Process Action Grid to the Appointments Query Action Grid. However, they may STILL be viewed and modified (i.e. from the Appointments Query Action Grid and RE.01). Continue Archive?

e-Z Learn OFF TL WMS Appointments

Appt Log WIP Appt Log Query Appt History Appt Documents Appt Activity Inbounds WIP Outbounds WIP

Appointment Log WIP

Preferences Actions Commands Specials Spreadsheet XML

List CM Create App Maintain App Archive Appts Delete Appts

App_No	Book Tbl	Whs	Type	Stg Type	Loaded	Restricted	App Date	App Time	Status	Next Status	Stay	Carrier	Carr Name
000017838	11	01	I	D	R	N	2016-08-31	13:00	AR	AR	00:28	JBHUNT	J.B. Hunt
000017843	11	01	I	D	R	N	2016-08-31	15:00	AR	AR		TBD	To be Determined
000017835	11	01	I	D	R	N	2016-08-31	13:00	CD	AR		YELLOW	Yellow Freight
000030202	10	01	O	D	R	N	2016-09-19	15:00	CD	UN	00:50	EXPRES	Express Transport
000024997	11	01	I	D	R	N	2016-10-20	08:00	CD	UN	00:54	JBHUNT	J.B. Hunt
000017428	11	01	I	D	R	Y	2016-09-15	07:00	DP	AR	11:55	JBHUNT	J.B. Hunt
000023351	11	01	I	D	R	N	2016-09-19	11:00	DP	UN	00:00	JBHUNT	J.B. Hunt

Business Case/Scenarios:

- Over time the WIP Appointment Action Grid may contain large numbers of Completed Appointments.
- This gradually increases the time the system requires to retrieve and display data after tasks are performed (e.g. Change the Status of an Appointment).

Functionality/Scope:

- The Query Appointment Action Grid was created to display "Archived" Appointments.
- Typically, Appointments that have been completed (e.g. Departed) are Archived (which moves them from the WIP to the Query Appointment Action Grid).
- Archiving may be performed from the:
 - RE.09 Archive/Purge Job, or
 - WIP Action Grid.
- The RE.09 option allows for archiving by:
 - Specific/All Booking Tables,
 - Date Range
 - and one or more Appointment Status Types.
- The WIP Action Grid may be used to select Appointments using ANY filtering parameters and then invoke the "Archive" command to "pass" these Appointments to the RE.09 job for Archiving.

Benefits:- Archiving optimizes the response time of the WIP Appointment Action Grid.

WMS Appointment Log Purge from Job (RE.09) and Action Grid

TL RE.09 Archive/Purge Appointments

01.Booking Table

02.Start Date 03.End Date

04.Status

05>Action

OK to Proceed!

4 Appointments selected for Deletion.

After deletion is complete these Appointments will be PURGED, may NO LONGER be modified (via RE.01), and may NOT be recalled/viewed in either the Appointments Work-In-Process or Appointments Query Action Grids.

Continue Deletion?

e-Z Learn OFF TL WMS Appointments

Appt Log WIP | Appt Log Query | Appt History | Appt Documents | Appt Activity | Inbounds WIP | Outbounds WIP

Appointment Log WIP

Preferences | Actions | Commands | Specials | Spreadsheet | XML

List CMI | Create App | Maintain App | Archive Appts | Delete Appts

App. No	Book Tbl	Whts	Type	Stg Type	Load Type	Restrictions	App Date	App Time	Status	Next Status	Stay	Carrier	Carr Name
000017788	11	01	I	D	R	N	2016-08-29	15:00	UN	AR		JBHUNT	J.B. Hunt
000017845	11	01	I	D	R	N	2016-08-31	16:00	UN	AR		JBHUNT	J.B. Hunt
000019384	1B	01	B	R	R	N	2016-10-20	08:00	UN	AR		JBHUNT	J.B. Hunt
000024209	11	01	I	D	R	N	2016-10-25	08:00	UN	UN		EXPRES	Express Transport

Business Case/Scenarios:

- Over time the WIP Appointment Action Grid may contain large numbers of Unused Appointments (e.g. OP = Open)
- This gradually increases the time the system requires to retrieve and display data after tasks are performed (e.g. Change the Status of an Appointment).

Functionality/Scope:

- The Purging functionality for Appointments has been enhanced.
- Purging may be performed from the:
 - RE.09 Archive/Purge Job, or
 - WIP Action Grid.
- The RE.09 option allows for purging by:
 - Specific/All Booking Tables,
 - Date Range
 - and one or more Appointment Status Types.
- The WIP and Query Action Grids may be used to select Appointments using ANY filtering parameters and then invoke the "Purge" command to "pass" these Appointments to the RE.09 job for Purging.



WMS Appointment Log

Dwell Times – Display on Action Grids / Configuration

TL WMS Appointments

Appt Log WIP | Appt Log Query | Appt History | Appt Documents | Appt Activity | Inbounds WIP | Outbounds WIP

Appointment Log WIP

General | Date/Time | Carrier | Client Related | Links | Dock | Quantities | Other | Recurring | Arrival | Start | Complete | Departure | Dwell | Last Changed

ADD_No	Dwell Start Date	Dwell Start Time	Dwell End Date	Dwell End Time	Dwell Duration	Scheduled Duration	Changed
000017838	2016-08-31	13:00	2016-08-31	13:28	00:28	00:59	2016-10-19
000023351	2016-09-19	11:00	2016-09-19	11:00	00:00	00:59	2016-10-19
000030202	2016-09-19	15:00	2016-09-19	15:45	00:45	00:59	2016-10-20
000024011	2016-10-17	07:00	2016-10-17	08:11	01:11	00:59	2016-10-18
000024043	2016-10-18	09:00	2016-10-18	09:00	00:00	00:59	2016-10-18

TL RE.98 Appointment Configuration

01 Use Pre-set Booking Tables Y

02 Horizon Days for Booking Table and Recurring Appointments(max 120)

< Duration of Stay (DOS) and Dwell Calculations >

03 Begin Status Arrived

End Status Departed

04 Dwell Method

04 Dwell Method

The selected Dwell Method will be used by the system to calculate an Appointment's Dwell Time.

Dwell time measures the amount of time that was actually "consumed" for a scheduled appointment duration.

An Appointment with a dwell time duration that is LESS than the scheduled Appointment's maximum duration is considered a positive result (e.g. An Order shipped early has a better change of arriving on-time, other carriers will not be delayed for their scheduled appointments, etc.). Dwell times that are GREATER than the scheduled Appointments maximum duration are considered a negative result (e.g. Orders shipped late and may not arrive at their destination on-time, other carriers will be delayed for their scheduled appointments, etc.).

Enter Dwell Method Code
or Enter ? to display existing codes

Business Case/Scenarios:

- Stay Time is NOT the only KPI used to measure how well you manage your Appointments.
- Another industry standard is known as "Dwell Time"

Functionality/Scope:

- Dwell time information has been added to the WIP/Query Action Grids
- It's use is optional and variations (for its calculation) may be selected and applied per Company/Business Unit

Benefits:

- Provides an alternate manner to measure how efficiently/effectively you manage Appointments so you may then identify any problems areas and take corrective actions to better service your Clients.
- Purging optimizes the response time of the WIP and Query Appointment Action Grids.

- WMS Work Orders:
 - Transaction Processing (IP.40-43)
 - Configurations (IP.80-84)



- We reviewed Work Orders earlier in this presentation and saw that Work Order Header and Detail information may now be viewed in HighView Action Grids.
- We'll briefly look at the Transaction Processing and Configuration Jobs that were created to support the Work Order functionality.



WMS Work Orders Operations / Administration Menus

The image displays two screenshots of the WMS IP Job Menu interface. The top screenshot shows the 'Operations' pane selected, with the 'Invoicing' sub-menu expanded. The 'L1 WMS IP Job Menu' is visible, showing various job codes categorized under 'Inbounds', 'Recurring Storage', 'Accessorial', and 'Work Orders'. A red box highlights the 'Work Orders' section, which includes jobs like IP42 - Work Orders - Generate Invoice, IP43 - Work Orders - Print Register, and IP41 - Work Orders - Close/Confirm. The bottom screenshot shows the 'Administration' pane selected, with the 'Invoicing' sub-menu expanded. The 'L1 WMS IP Job Menu' is visible, showing various job codes categorized under 'Configuration - General', 'Configuration - Work Orders', and 'Purging'. A red box highlights the 'Configuration - Work Orders' section, which includes jobs like CR18 - Client Arrangements, IP80 - Work Orders - Features/Parameters, IP81 - Work Orders - Groups, IP82 - Work Orders - Sub-Groups, IP83 - Work Orders - Service Groups, and IP84 - Work Orders - Definitions (Rates).

- The Work Order Jobs have been added to the WMS Invoicing Sub-System.
- Transaction Processing jobs reside on the “Operations” Pane.
- Configuration Jobs are located reside on the “Administration” Pane.

WMS Work Orders Work Orders – Create (IP.40)

TL IP.40 Work Orders - Create

Charge Code and Description	Units	Rate	Amount	Service
T2 Tickets	0	0.10	.00	
T1 Add and Remove Hand Tags	0	0.10	.00	.00
S1 Size Tabs/Clips	0	0.22	.00	.00
P1 Polystickers/Polybags	0	0.10	.00	.00
H2 Hanger Insertion	0	0.18	.00	.00
H2 Hanger Insertion	0	0.10	.00	.00

Business Case/Scenarios:

- Different Work requests will require different/specific types of Charge Codes to record the actual quantities used for the billable services

Functionality/Scope:

- Based on a selected Client and Work Order Group/Sub-Group the system can automatically identify/populate the Charge Codes for the new Work Order.
- Note: Work orders may also (optionally) be linked to a WMS Order

Benefits:

- Automatic loading of Charge Codes reduces data entry time/cost.
- This feature also ensures that any/all valid Charges Codes are attached to the Work Order to help ensure that all required services are recognized, performed and billed.

WMS Work Orders Work Orders – Close/Confirm (IP.41)

TL IP.41 Work Orders - Close/Confirm

Work Order No	000000001	ENTERED	Order Date	03.08.17
client	PUMKID		Document	NO ORDER
Customer PO	PO-202711		Sellers No	SN-320721
Client Div	61		Remote Site	
BOL No			W.O. Group	G
Ship To			Sub Group	G1
Requester	Jane Watson			
Remark	Call Rick on complete 783-9903			

31*Charge Code and Description	32*Units	Rate	Amount	Service
T2 Tickets	5	0.10		.50
T1 Add and Remove Hand Tags	5	0.22		1.10
S1 Size Tabs/Clips	5	0.10		.50
P1 Polystickers/Polybags	5	0.18		.90 B
H2 Hanger Insertion	10	0.10		1.00
H1 Hanger Removal	10	0.10		1.00
F1 Fold	10	0.18		1.80

2

OK
Cancel
Delete
Review
Print
Exit
Help
CLOSE

Clear = F2, Jump = F3, Exit = F4, REV = Review
 CLOSE = Close the work order CANC = Cancel the work order

Functionality/Scope:

- This job allows Users to record the actual billable quantities and CLOSE the Work Order (if all the Quantities have been recorded and the Work has been completed).



WMS Work Orders

Work Orders – Generate/Print Invoice (IP.42/53)

TL IP.42 Work Orders - Generate Invoice

Work Order No

0000000014 03.08.17 PUMKID 61

↑ 1

**** Message ****

Invoices: 300058, generated.

OK

↓ 3

INVOICE

↑ 4

300058

Please refer to:
Ace World Class, Inc. Suite 7
80 Distribution Blvd
Edison, NJ 08817
US

FOR THE ACCOUNT OF: PUMKID
Puma Kids
48 W 38th Street 3rd Floor Suite 7
New York, NY
10018

ATTENTION: Jane Wilson

Quantity	Description	Date	Unit	Weight	Rate Per	Amount
10	Seal Bags	Date: 03.08.2017	Wh.	0.1 / EA		\$1.00
10	Rebag	Date: 03.08.2017	Wh.	0.1 / EA		\$1.00
10	Fold	Date: 03.08.2017	Wh.	0.18 / EA		\$1.80
10	Hanger Removal	Date: 03.08.2017	Wh.	0.1 / EA		\$1.00
10	Hanger Insertion	Date: 03.08.2017	Wh.	0.1 / EA		\$1.00
5	Polytickers/Polybags	Date: 03.08.2017	Wh.	0.18 / EA		\$0.90
5	Size Table/Clips	Date: 03.08.2017	Wh.	0.1 / EA		\$0.50
5	Add and Remove Hand Tags	Date: 03.08.2017	Wh.	0.22 / EA		\$1.10
5	Tickets	Date: 03.08.2017	Wh.	0.1 / EA		\$0.50
Summary of Charges						
Seal Bags						\$1.00
Rebag						\$1.00
Fold						\$1.80
Hanger Removal						\$1.00
Hanger Insertion						\$1.00
Polytickers/Polybags						\$0.90
Size Table/Clips						\$0.50
Add and Remove Hand Tags						\$1.10
Tickets						\$0.50
Terms: Net 30 Days						
Please Pay This Amount						\$8.80

OK Cancel Delete Review Print Exit

Help GENINV

↑ 2

Functionality/Scope:

- The IP.42 job is used to attach one or more Work Orders to an Accessorial Invoice
- Note: The Accessorial Invoice is printed via IP.53.

Benefits:

- Controls the quantity of Work Orders per Accessorial Invoice based on Client preferences.



WMS Work Orders Work Orders – Print Register (IP.43)

TL IP.43 Work Orders - Print Register |

Client:

Status: ALL

From Date:

To Date: END

Work Order Register Report

Printed on : 03/08/17

Page: 3
TLIP43

Work Order : 000000013	Status : GENERATED	Puma Kids	Order No : NO ORDER
Date : 12.05.16	Client : PUMKID	Sellers: SN-200753	Client Division: 73
Customer PO : 90-662926		Ship To: WALMART - STORE # 16	
BOL No: 494926	Requester: Pete Stankowski		
Department :	Remark : Complete by Monday December 12, 2016.		
Invoice No : 300057	Inv Created: 12.05.16	Inv Closed: 12.05.16	Invoiced Date : 12.05.16
Inv Canc'ed: . .	Ship To Nm : WALMART - STORE # 16		
W.O. Group : G	Sub-Group : G1		

Work Order : 000000014	Status : GENERATED	Puma Kids	Order No : NO ORDER
Date : 03.08.17	Client : PUMKID	Sellers: SN-320721	Client Division: 61
Customer PO : PO-202711		Ship To:	
EDU No:	Requester: Jane Watson		
Department :	Remark : Call Rick on complete 783-9903		
Invoice No : 300058	Inv Created: 03.08.17	Inv Closed: 03.08.17	Invoiced Date : 03.08.17
Inv Canc'ed: . .	Ship To Nm :		
W.O. Group : G	Sub-Group : G1		

1

OK Cancel Delete Review Print Exit Help

F1 = Start print
F4 = EXIT

Functionality/Scope:

- IP.43 is used to print a Register of Work Orders by:
Client,
Status
and Date Range.

Benefits:

- Enables Users to verify that the appropriate Work Orders have been created and billed.

WMS Work Orders Work Orders – Features/Parameters (IP.80)

TL IP.80 Work Orders - Parameters

W.O Definition - Rate Entry Mode	<input type="radio"/> B	Both
W.O. Confirmation - Add Charges	<input type="radio"/> Y	
W.O. Sub-Groups - Attach to Multiple Groups	<input type="radio"/> Y	

OK Cancel Delete Review Print Exit Help

Update=ENTER, Clear=F2, Jump=F3, Exit=F4

Functionality/Scope:

Options:

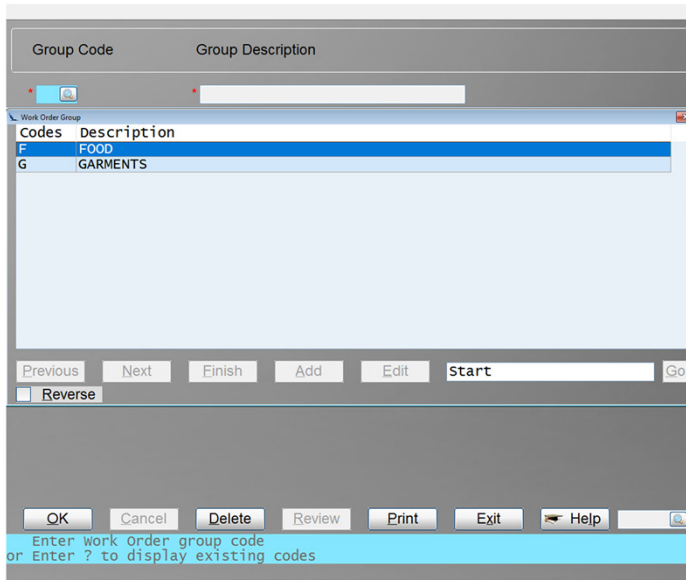
- When Work Orders are created (in IP.40) or Confirmed (IP.41)
Users may (or may not) be allowed to add Charge Codes to the Work Order:
Automatically (only),
Manually (only)
or Both (Manually AND Automatically).
- Control whether a defined Sub-Group may be attached to multiple Groups

Benefits:

- Can assist in ensuring that invalid Charge Codes/Services are NOT added to a Work Order.
- Provides flexible controls for Revenue breakdowns and reporting.

WMS Work Orders Work Orders – Groups (IP.81)

TL IP.81 Work Orders - Groups



The screenshot shows a software interface for managing work order groups. At the top, there are fields for 'Group Code' and 'Group Description'. Below these is a table with two columns: 'Codes' and 'Description'. The table contains two rows: 'F' for 'FOOD' and 'G' for 'GARMENTS'. The 'FOOD' row is highlighted. Below the table is a row of buttons: 'Previous', 'Next', 'Finish', 'Add', 'Edit', 'Start', and 'Go'. There is also a 'Reverse' checkbox. At the bottom, there are buttons for 'OK', 'Cancel', 'Delete', 'Review', 'Print', 'Exit', and 'Help'. A status bar at the very bottom contains the text: 'Enter work order group code or Enter ? to display existing codes'.

Codes	Description
F	FOOD
G	GARMENTS

Functionality/Scope:

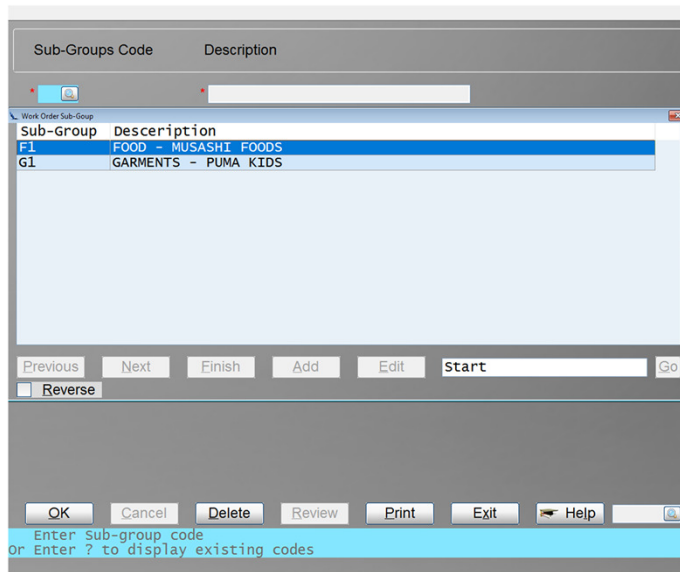
- Note: At least one (1) Group must be defined.
- Groups (and Sub-Groups) are used to:
 - determine which Charge Codes are valid for a Work Order
 - and categorize and report on similar Work Orders

Benefits:

- Helps automate the selection of Charge Codes for a New Work orders.
- Provides a manner to review Revenue beyond the use of existing Revenue Codes.

WMS Work Orders Work Orders – Sub-Groups (IP.82)

TL IP.82 Work Orders - Sub-Groups



The screenshot shows a software interface for defining sub-groups. At the top, there are fields for 'Sub-Groups Code' and 'Description'. Below these is a table with two columns: 'Sub-Group' and 'Description'. The table contains two entries: 'F1' with 'FOOD - MUSASHI FOODS' and 'G1' with 'GARMENTS - PUMA KIDS'. The 'F1' row is highlighted. Below the table are navigation buttons: 'Previous', 'Next', 'Finish', 'Add', 'Edit', 'Start', and 'Go'. There is also a 'Reverse' checkbox. At the bottom, there are buttons for 'OK', 'Cancel', 'Delete', 'Review', 'Print', 'Exit', and 'Help'. A status bar at the very bottom contains the text: 'Enter Sub-group code or Enter ? to display existing codes'.

Sub-Group	Description
F1	FOOD - MUSASHI FOODS
G1	GARMENTS - PUMA KIDS

Business Case/Scenarios:

Functionality/Scope:

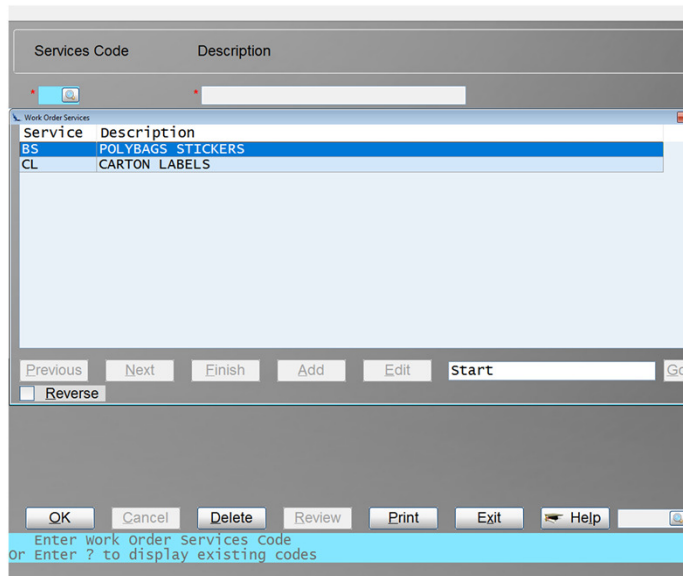
- Note: At least one (1) Sub-Group must be defined.

Benefits:

- Note: Similar to Groups
- Helps automate the selection of Charge Codes for a New Work orders.
- Provides a manner to review Revenue beyond the use of existing Revenue Codes.

WMS Work Orders Work Orders – Sub-Groups (IP.83)

TL IP.83 Work Orders - Services



Service	Description
BS	POLYBAGS STICKERS
CL	CARTON LABELS

Business Case/Scenarios:

Functionality/Scope:

- A collection of Charge Codes known as a “Service”
- If ONE of the Charge Codes attached to a Service is assign a Quantity then ALL of the related Charge Codes MUST also be assigned a Non-Zero Quantity/

Benefits:

- Helps ensure that appropriate services are performed and billed.

WMS Work Orders Work Orders – Definitions (IP.84)

TL IP.84 Work Orders - Definitions

Work Order definitions (i.e. and their Charge Codes) are attached to a specific Client, Work Group and Work Order Sub-Group).

W.O. Client	PUMKID	Puma Kids
W.O. Group	G	GARMENTS
W.O. Sub-Group	G1	GARMENTS - PUMA KIDS
Rate Entry Mode	B	Both

Client	Rate	Description	UOM	Service	Quantity	Mandatory
PUMKID					0	
PUMKID						
PUMKID	B1			BS		
PUMKID	B2			BS		
PUMKID	F1					
PUMKID	H1					
PUMKID	H2					
PUMKID	P1			BS		
PUMKID	S1					
PUMKID	T1					
PUMKID	T2					

These three charge belong to the Service Group "BS". If any of them is assigned a Non-Zero Quantity (in IP.41) then ALL of them must be used (i.e. assigned a Non-Zero Quantity)

Business Case/Scenarios:

Functionality/Scope:

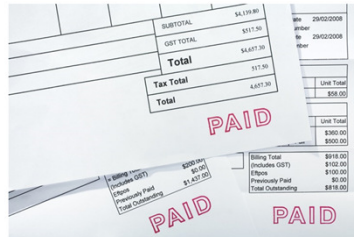
- Work Order definitions may be created for:
 - Specific or All Clients,
 - and Client Specific or GEN Rates.
- Some Charge Codes may be defined as "Mandatory" (i.e. must be recorded with Non-Zero Quantity before Confirmation).
- Default quantities may be set for specific Charge Codes.

Benefits:

- Provides flexible ways in which to identify/bill the correct Charges for work requested by a Client.

☐ WMS Invoicing

- Quick Print Options:
 - ✓ Accessorial Invoice (from IP.13)
 - ✓ Receipt Invoice (from RE.31)



Business Case/Scenarios:

- Various protections exist (i.e. Job/Record Locks) to prevent Users from inadvertently printing Invoices that may be incomplete, or are still being entered/modified.
- As a result, when a specific User is ready to print an Invoice they may be unable to do so (i.e. because another User is already using that Print Job).

Functionality/Scope:

- Enhancements have been made that allow Users to immediately print the specific Invoice that they have “completed” and still resides on their screen.
- This is possible since there will NOT be any record locks and the job lock is ignored.
- This feature is available in:
 - IP.13 Immediate Accessorial Invoice (to invoke IP.53)
 - and RE.31 Rate Receipt (to invoke RE.32)

Benefits:

- Decreases the labor time/cost to generate/print Invoices.



WMS Invoicing Quick Print Option – Accessorial Invoice (IP.13)

TL IP.13 Access'I Chg/Credit -Immediate

Client: TEST Whse: 01 TEST CLIENT
 Invoice Number: 300059
 Invoice Date: 03.08.17
 Terms Code: N Net 30 Days
 To Pay Invoice: []

Ln	*Code	Description	13.Units
003	L1	warehouse Labor	
002	F1	Fork Lift Load/Unload Handling	
001	SW	Shrink wrap pallet	

INVOICE

300059

Please remit to:
Ave World Class, Inc. Suite 7
80 Distribution Blvd
Edison, NJ 08817
US

FOR THE ACCOUNT OF: TEST CLIENT
TORONTO, ON

INVOICE TYPE: Ancillary
INVOICE NUMBER: 300059
INVOICE DATE: 03.08.2017
PAGE: 1 of 1

ATTENTION:

Quantity	Description	Weight	Rate Per	Amount
5	Shrink Wrap Pallet	Date:03.08.2017 Wh: 01	3 / PAL	\$15.00
2	Fork Lift Load/Unload Handling	Date:03.08.2017 Wh: 01	65 / EA	\$130.00
1	Warehouse Labor	Date:03.08.2017 Wh: 01	39 / HR	\$39.00
Summary of Charges				
Fork Lift Load/Unload Handling				\$130.00
Warehouse Labor				\$39.00
Shrink Wrap Pallet				\$15.00
Terms: Net 30 Days				
				Please Pay This Amount
				\$184.00

OK Cancel Delete Review Print Exit Help P

F2 = Another Invoice DEL = Delete P = Print
 F3 = Jump F4 = Exit REV = Review

Causes the system to pass the Invoice to IP.53 and print the Invoice.



WMS Invoicing Quick Print Option – Receipt Invoice (RE.31)

TL RE.31 Receipt Invoices

Header
Second Header
Invoice Info
Detail Screen

< Receipt Entry >

Receipt: 100288 Invoice: 100138

Receipt Date: 03.08.2017

Receipt Time: 8:28 pm

Whse Code: 01

Carrier Code: TNTLOG

Carrier Name: TNT Logistics

Pro/Way Bill: PB-178917

Car/Container: CC-901855

Shipment Ref.: SR-556750

Receiving #: RN-232244

Control Units: 128

OSD Info:

Hash Total:

Receipt Type: P Purchase / New Receipt

Storage Type: D Dry Storage

NON NEGOTIABLE RECEIPT INVOICE		A/C 20.60	
INVOICE NUMBER	100138	RECEIPT NUMBER	100288
INVOICE DATE	03.08.2017	TERMS	Net 30 Days
PAGE	1 OF 1		

FOR THE ACCOUNT OF: TEST CLIENT TORONTO, ON RECEIVED FROM: TEST CLIENT TORONTO, ON

WAREHOUSE	REFERENCE NO	DATE RECEIVED	PRO-BILL NO	WACAR-CONT	WEIGHT
North Building	SR-556750	03.08.2017	PB-178917	TNT Logistics	1280 LBS 581 KGS

QTY	LINE #	PRODUCT/DESCRIPTION	TYPE	QTY	UOM	RATE	AMOUNT
128	001	CASES, ON CONVEYANCE - Cases on Conveyance	STG	2.00	PLT	5.75	11.50
		Lot ID: SR-556750, Unit of Measure: CS, Release Date: 12.31.2017.	HDL	2.00	PLT	12.50	25.00
		Lot Code: SR-556750, QTY: 64					
		PALLET: C100288/001 QTY: 64					
		PALLET: C100288/002 QTY: 64					
TOTAL QTY			STORAGE				\$11.50
REMIT TO: North Building 80 Distribution Blvd Suite 7			HANDLING				\$25.00
			OTHER				\$0.00
			TOTAL				\$36.50

OK Cancel Delete Review Print Exit Help P

ENTER = Accept DEL = Delete P = Print

F4 = Exit the Receipt N = Notes RATE = Rate this receipt

Causes the system to pass the Invoice to RE.32 and print the Invoice.

□ WMS Adjustments

- Adjustments – Change Lot Component Value
 - ✓ Business Case/Scenarios
 - ✓ Functionality/Scope
 - ✓ Benefits



Business Case/Scenarios:

- Occasionally, a user will determine that they have entered a Lot with an incorrect Component value.
- If the related Transaction is still open (e.g. a Receipt) then the Lot Component value may be changed.
- In many cases the “change” process involves deleting the Transaction line with the Lot and then re-creating the information.
- This process is very time consuming with large volumes of data (e.g. Receipt Lines with many Unit and Conveyance IDs, etc.)

Functionality/Scope:

- A new Lot Adjustment option has been added in OR.20.
- Users may now recall the Lot and then change the incorrect Lot values.
- The system prevents changes to the Lot quantity and IDs and all other Lot data remains the same.
- Subsequent displays in Transactions, Queries and Reports will display the correct Lot.
- Note: Like any other adjustment it may be printed (in OR.20) and sent via EDI (e.g. a 947).

Benefits: - Reduces the time/cost to correct Lot related data entry mistakes.

WMS Invoicing Adjustment – Change Lot Component Value (OR.20)

Value	Description
A	Adjust/Enter Lot Data
B	Transfer Lot to Another Product
C	Transfer Lot to Another Client/Product
D	Identify a Previously Received Unit
E	Adjust Unit ID weight
F	FTZ: Zone Status Change
H	SWITCH Lot Component

New Option 'H'. **1**

Client: TEST TEST CLIENT On Hand: 64

Product: NORMAL_CONVEYANCE On Order: 0

03 Lot Code: L167242-001 Original Lot Component On Hold: 0

Identity: On Hold: 0

Unit Gross: 10 Gross: 640 Avail: 64

Unit Net: 9 Net: 576 Ord Wgt: 0

Adjust By: On Hand: 64 Tot Wgt: 640

Corrected Lot Component value. **2** L167244-001

Orig. Receipt-Date: 03.08.17 Orig-Receipt-Units: 64

Next Recurring Date: 04.01.17 Orig-Rate: 0.00

Orig-Receipt-Weight: 640 Per

Pulling Method Code: A Pack Date

SKU Per Unit/Chg: 0 # of Recu. To-Date: 0

Anniversary Date: 03.08.17 Orig-Receipt-Cube

OK Cancel Delete Review Print Exit Help

Enter the Product code or Enter ? to display existing codes

Client: TEST TEST CLIENT On Hand: 64

Product: NORMAL_CONVEYANCE On Order: 0

03 Lot Code: L167242-001 On Hold: 0

Identity: On Hold: 0

Unit Gross: 10 Gross: 640 Avail: 64

Unit Net: 9 Net: 576 Ord Wgt: 0

Adjust By: On Hand: 64 Tot Wgt: 640

Hold Code: Cn Hold

Adjust By: A0J2

Will Be Changed To Lot: L167244-001

Adjustment Code: Reason: warehouse Clerical Error **3**

Adjustment Date: Last Recurring: 03.01.17

Orig. Receipt-Date: 03.08.17 Orig-Receipt-Units: 64

Next Recurring Date: 04.01.17 Orig-Rate: 0.00

Orig-Receipt-Weight: 640 Per

Pulling Method Code: A Pack Date

SKU Per Unit/Chg: 0 # of Recu. To-Date: 0

Anniversary Date: 03.08.17 Orig-Receipt-Cube

OK Cancel Delete Review Print Exit Help

F2 = Clear F3 = Jump F4 = Exit

Reason for correction. Best Practice should include the Old Lot Component Value for display on OR.23 Adjustment report and for use by ED (e.g. a 947).

Other

- Empty Locations Report (SL.22) – Output to CSV File
- Unit IDs – Display on In-Transit Labels (RE.12/LI.72)
- My Logistics Administration – Unlock Users (Z0.RD.09)
- Deadlocks – Automatic “Braking” and E-Mail
- Logouts – Automatic Termination of Idle Sessions

These other functions were also added to VL16.020.
and are largely self-explanatory.

e-Z Learn What's New (VL16.020)

Other

Adjustments - Change Lot Component Values:

A new Option "H" - Change Lot Component Values has been added to the OR 20 Lots - Maintain/Adjust job. In the event that a User determines that a specific Lot Component value has been recorded incorrectly then this enhancement will allow them to perform a single Adjustment to correct the Lot Component value. This is especially beneficial if the Lot has been Received on a Receipt that has been processed/closed on the Work Register (i.e. IP-33190) since the previous correction would require two (2) Adjustments (i.e. Adjust Lot Out of Inventory and then back into Inventory). Since the Lot Component Value Change is made as an Adjustment then it may also be viewed by Clients (e.g. via My Logistics) and optionally sent via Electronic Data Interchange (EDI) as an Inventory Adjustment Advice (e.g. a 947).

Empty Locations Report - Output to CSV File:

The output for this report (i.e. SL 22) may now be routed to a Comma Separated Value (CSV) file which may also be recalled and viewed in a Spreadsheet application (e.g. Excel).

Unit IDs - Display on In-Transit Labels:

In-Transit Labels (generated via LI 172) may now be configured designed to display any Unit IDs recorded against the expected stock.

My Logistics Administration - Option to Unlock Users:

Periodically, Clients using the My Logistics Web-Portal may become "Locked Out" (e.g. after too many incorrect login attempts, etc.). A new "Unlock" User feature has been added for use by the My Logistics Administrator (see 20 R02 09). As a result on-site 3PL Users Administrators and MAVES Support staff will no longer need to be contacted to "unlock" My Logistics Users.

Deadlocks - Automatic "traking" and e-mail notification:

Occasionally, two Users may encounter a "Deadlock" which results when both Users are "locking" the specific data required by the OTHER User to proceed with their task. As a result a Deadlock message is displayed for BOTH Users and neither may continue their work until either an on-site User Administrator or MAVES Support staff is contacted and "breaks" the Lock. The ViewPoint Logistics system has been enhanced to recognize when Deadlocks occur and automatically break the lock experienced by one of the two Users. Note: The System "breaks" the Deadlock by terminating the process being performed by the second User. Finally, since the second User's task did NOT complete, the System sends an e-mail to the second User and advises them to retry/complete their task.

Logouts - Automatic termination of idle sessions:

Occasionally, a User may NOT formally exit ViewPoint Logistics (e.g. Close their Browser, Encounter a System/hardware Failure, etc.). As a result a User session (and license) will still be active for that User and may (among other things) restrict other Users from logging in. To minimize the time idle sessions may exist the ViewPoint Logistics system has been enhanced to detect and terminate such sessions.

☐ Enhancements:

- HighView Action Grids:
 - ✓ WMS Outbounds - HighView
 - Outbound WIP/Query - Action Grids
 - ✓ WMS Clients Related - HighView
 - Customers / Ship-To – Action Grid
 - E-Mails – Action Grid
 - ✓ VL Data Dictionary – HighView
 - Tables – Action Grid
 - Columns – Action Grid
 - Indexes – Action Grid
 - ✓ TMS WIP/Query - HighView
 - Link to Probill Invoice (Individual) – Action Grid
 - Link to Probill Invoice (Master) – Action Grid
 - ✓ Use of DB2 and Stored Procedures

We've created or enhanced a number of new features, in various areas of the software, for the VL17.010 release including:

- HighView Action Grids ...

Enhancements (Continued):

- WMS Receiving:
 - ✓ Automatic Inbound Charge
- WMS Order Management:
 - ✓ Automatic Order Confirmation
 - ✓ My Logistics – Create Outbound
 - ✓ Shipment Data – Maintenance

- Receiving,
- Order Management ...

Enhancements (Continued):

- WMS Radio Frequency:
 - ✓ Work: Assign, Accept, Complete and View
 - ✓ Receiving: Automatic Link – ASN to Receipt Line
 - ✓ Receiving: Proprietary/Composite Bar Codes
 - ✓ Receiving: Warning - Approaching Max # Lines
 - ✓ Receiving: Automatic Print – Discrepancy Report
 - ✓ Picking: Master Order (Unallocated) – Staging
 - ✓ Picking: Unallocated Bulk – Default Conveyance Quantity
 - ✓ Picking: Unallocated Bulk – Shelf Life by Percentage
 - ✓ Picking: Both Types – Default Staging Location

- Radio Frequency,

Enhancements (Continued):

- WMS Radio Frequency (Continued):
 - ✓ Load Verify: Hot Load (Pick & Load)
 - ✓ Load verify: Undo
 - ✓ Load Verify: Master Orders
 - ✓ Other: Time Stamping
- WMS Adjustments:
 - ✓ Automatic Release of Holds

- and Adjustments.

□ HighView Action Grids:

- WMS Outbounds - HighView
 - ✓ Outbound WIP/Query - Action Grids
 - Link to VICs BOL
 - Business Case/Scenarios
 - Functionality/Scope
 - Benefits



Functionality/Scope:

- Added links from the WMS Outbounds WIP/Query Action Grids to any VICs Bill of Lading
- Note: The link is in the SAME column as the e-Docs Graphical BOL.

Benefits:

- Allows 3PLs and their Customers to quickly/easily view an Order's VICs BOL.
- Eliminates the time/cost to look for and find a printed VICs BOL.

□ HighView Action Grids:

- WMS Clients Related - HighView
 - ✓ Customers / Ship-To (CR.26) – Action Grid
 - ✓ E-Mails (CC.16/17) – Action Grid



Business Case/Scenarios:

- It is important to ensure that Customer information (i.e. a.k.a. Ship-To or Consignee) and Client e-Mail information is defined correctly.
- In the past this validation process has been time consuming.

Functionality/Scope:

- The Customers (from CR.26) and E-Mails (CC.16/17) Action Grids were created and attached to the existing Client Related HighView.

Benefits:

- These Action Grids help ensure that Orders are shipped to the correct destination and invoices and reports are e-mailed to the correct individuals.

Next, we'll view these new Action Grids.



WMS Client Related - HighView Customer/Ship-To - Action Grid

e-Z Learn OFF L1 WMS Client Related

Clients Rates Bill Profiles Arrangements Products Email Ship-to

Preferences Panels Actions Commands Specials Spreadsheet XML

Customer Name / Address Last Changed

Client	Customer	Name	Street #	Street Name	Address	City	State	Zip	Country
GEN	00013	ALLIED STEAKS	313	HICKORY PLACE		VINELAND	NJ	08360	US
GEN	00032	OLD FASHIONED KITCHENS	1045	TOBIN AVENUE		LAKEWOOD	NJ	08701	US
GEN	00057	E G EMIL & SON INC		ATTN: ACCOUNTS PAYABLE	1344 NORTH AMERICAN STREET	PHILADELPHIA	PA	19122	US
GEN	00091	T MARZETTI COMPANY	XXXX	PO BOX 29163	XXXX	COLUMBUS	OH	43209	US
GEN	10000	JACKSON'S FOODS	208	E HELLER ROAD		PALATINE	IL	60067	US
GEN	10003	HERMAN CANTOR CORP	PO BOX 399	X		ROCKVILLE	VA	23146	US
GEN	10015	SEVEROLI FOODS INC		ATTN: ACCOUNTS PAYABLE	601 BROOK STREET	GARDEN CITY	NY	11530	US
GEN	10019	MIDLAND FOODS	17130	DALLAS PARKWAY	SUITE 140	DALLAS	TX	75248	US
GEN	464578	UNICOLD CORP VERNON	4339	FRUITLAND AVENUE		VERNON	CA	90058	US
GEN	464806	4 SEASONS DIST	900	SIX FLAGS ROAD		AUSTELL	GA	30168	US
GEN	672236	WEIS MARKETS INC	102	FREEZER	18 SOUTH INDUSTRIAL PARK	MILTON	PA	17047	US
GEN	678083	SORT BY DATES	2179	MAIN ROAD		NEWFIELD	NJ	08344	US
GEN	680580	TRADER JOE'S COMPANY	2050	LAPHAM DRIVE	C/O VERSACOLD	MODESTO	CA	95354	US
GEN	683451	US FOODSERVICE	40	FORT LEWIS BOULEVARD		SALEM	VA	24153	US
GEN	685324	WAKELIN (VERISACOLD)	200	FIRST AVENUE		GOLDSBORO	PA	18124	US
GEN	693970	SENECA FOODS CORPORATION	30	KEYSTONE DR		LEBANON	PA	17042	US
GEN	725185	COSMED	2500	BRUNSWICK AVENUE		LINDER	NJ	07036	US
GEN	772639	AGROINDUSTRIA LEGUMEX S A		12 AVENUE 6-6 ZONA 2	SECTOR LAS MAJADAS	EL TEJAR, CHIMALEMANGO, GT	GT		CI
GEN	780661	BAKERY FEEDS	97	WESTBROOK DRIVE		HONEY BROOK	PA	19344	US
GEN	786944	SORT BY PRODUCTION DATES	2179	MAIN ROAD		NEWFIELD	NJ	08344	US
GEN	800845	1800 BASKETS	13000	2437 WEST NORTH AVENUE		MELROSE PARK	IL	60160	US
GEN	ABDBAL	ABD BUFFALOS	2401	LIBERTY HEIGHT AVENUE		BALTIMORE	MD	21215	US
GEN	ABDWOR	ABD COLD STORAGE	512	SOUTH BRIDGE STREET		WORCESTER	MA	01520	US
GEN	ABGMID	ABG FINE FOODS	400	LINCOLN BOULEVARD	XXXXX	MIDDLESEX	NJ	08846	US
GEN	ABJAKR	ABJ SALES	760	HAMPTON RIDGE ROAD		AKRON	OH	44313	US
GEN	ABLBAL	ABL FOODS INC	4200	AMOS AVENUE		BALTIMORE	MD	21215	US
GEN	ABSWOR	ABD COLD STORAGE	512	SOUTH BRIDGE STREET		WORCESTER	MA	01520	US

Undo Ship-to Refresh 00:01:13 Auto-Refresh Q off Total Rows Displayed : 2,741 of 2,745 Time to Load : 1464 ms





WMS Client Related - HighView E-Mails - Action Grid

e-Z Learn OFF L1 WMS Client Related

Clients Rates Bill Profiles Arrangements Products Ship-To's **E-Mail Address**

Preferences Panels Actions Commands Specials Spreadsheet XML

Multi Filter | Clear | Keep Selected | Discard Selected | Select All | Unsort | Total Selected | Copy to Clipboard

Code	Company	Name	emails	Address Book	Changed	Changed	Unique Key
00001	L1	TEST	wfau@maeves.com	AR06			AR06 L100001
00001	Q1	000001	rforfun@maeves.com	BL14			BL14 Q1000001
CARSWI	Q1	CARSWI	rforfun@maeves.com	BL14			BL14 Q1CARSWI
FOOPAL	Q1	foopal	rforfun@maeves.com	BL14			BL14 Q1FOOPAL
PRIAUT	Q1	PRIAUT	rforfun@maeves.com	BL14			BL14 Q1PRIAUT
VINPHI	Q1	VINPHI	rforfun@maeves.com	BL14			BL14 Q1VINPHI
00059	L1	Client 00059	llegere@maeves.com	BOL			BOL L100059
BOL	L1	bol	pcalter@maeves.com	BOL			BOL L1BOL
PARSEA	L1	Partner Seafood	llegere@maeves.com	BOL			BOL L1PARSEA
SYDECO	L1	Sysco	pcalter@maeves.com,rforfun@maeves.com,maevdemo@gmail.com	BOL			BOL L1SYDECO
SWEBRO	Q1	SWEBRO Email Address	wfau@maeves.com	DP07			DP07 Q1SWEBRO
MARTINI	A1	BILL MARTINI	bill@mmcpa.net	EMAIL			EMAIL A1MARTINI
MARTINI	E1	BILL MARTINI	bill@mmcpa.net	EMAIL			EMAIL E1MARTINI
ASSTRA	P1	Tracy Asseta	tracy.asseta@newfieldbank.com	EMAIL			EMAIL P1ASSTRA
MARTINI	P1	BILL MARTINI	bill@mmcpa.net	EMAIL			EMAIL P1MARTINI
ORTIGO	P1	GEORGETTE ORTIZ	georgette.ortiz@newfieldbank.com	EMAIL			EMAIL P1ORTIGO
SILLOR	P1	LORI SILVERMAN	lori@gourmetpops.info	EMAIL			EMAIL P1SILLOR
00013	Q1	ALLIED STEAKS	idamm@alliedsteaks.com	EMAIL			EMAIL Q100013
00094	Q1	DIETZ AND WATSON	BHAGUIRK@DIETZANDWATSON.COM	EMAIL			EMAIL Q100094
10015	Q1	SEVIROLI	JHOKE@SEVIROLI.COM	EMAIL			EMAIL Q100015
ALLWES	Q1	ALL ROUND FOODS	steven@allroundfoods.com	EMAIL			EMAIL Q1ALLWES
AMBHTV	Q1	AM BROS BAKING	ambroombaking@verizon.net	EMAIL			EMAIL Q1AMBHTV
ANGARH	Q1	ANGAROSSO'S CHARLIE MALLOWE	cmallowe@angarobaking.com	EMAIL			EMAIL Q1ANGARH
ANGMAR	Q1	ANGEL DISTRIBUTORS	pat@angeldistributors.net	EMAIL			EMAIL Q1ANGMAR
ASSTRA	Q1	Tracy Asseta	tracy.asseta@newfieldbank.com	EMAIL			EMAIL Q1ASSTRA
BILL JR.	Q1	BILL MARTINI JR.	bill@mmcpa.net	EMAIL			EMAIL Q1BILL JR.
BUORRI	Q1	JOANNE	buonavita@com	EMAIL			EMAIL Q1BUORRI
ABORRI	Q1	MARY BETH	MBORRI@ABORRI.ABACTA.FYB	EMAIL			EMAIL Q1ABORRI

Undo Refresh 00:02:18 Auto-Refresh Off Total Rows Displayed : 141 of 422 Time to Load : 250 ms



□ HighView Action Grids:

- VL Data Dictionary – HighView (Z0.AI.02)
 - ✓ Tables – Action Grid
 - ✓ Columns – Action Grid
 - ✓ Indexes – Action Grid



Business Case/Scenarios:

- Retrieving and displaying information from Viewpoint Logistics requires knowledge of Maves' database.
- Both Maves technical resources and 3PL staff need to know where to find specific data to construct:
 - Legacy Queries and Reports,
 - Reports with 3rd Party Tools (e.g. Crystal, BIRT, etc.)
 - and SQL Stored Procedures (currently used by HighView Action Grids)
- Although the Z0.AI.02 Query and Z0.AI.03 Report display Data Dictionary information they only allow retrieval/display of ONE (1) table at a time.

Functionality/Scope:

- Three new Action Grids have been created and attached to the New VL Data Dictionary HighView.
- They display VL:
 - Tables (a.k.a. Files)
 - Column (a.k.a. Fields)
 - and Indexes (a.k.a. Keys).
- All of these Action Grids are "Work-In-Process" types (i.e. they immediately load data).

Data Dictionary – HighView

Access from ANY Utilities Sub-System Menu



Benefits:

- Sorting and filtering capabilities minimize the time/cost required by Users to locate specific information
- Hyperlinks allow User to more quickly/easily drill-down into the data (e.g. view Columns for a specific Table).

Let's take a look at where/how we access these HighView Action Grids and review a few samples of them.

Data Dictionary – HighView Job Menu to Launch HighView

The VL Data Dictionary Job resides on the Utilities Sub-System Job Menu under the HighViews Menu Group.



Data Dictionary – HighView Tables – Action Grid

e-2 Learn OFF L1 VL Data Dictionary

Tables Columns Indexes

XML Tables Live

Table Name Table Description Force PkPlus File PkPlus File Name PkPlus File Dir Columns Temporary

Table Name	Table Description	Force PkPlus File	PkPlus File Name	PkPlus File Dir	Columns	Temporary
pw_client	client master	no	%co%PWCLC		View View yes no no	
pw_client_al	additional client setup for apparel industry	no	%co%PWCLAL		View View yes no no	
pw_client_hal	client extra fields for habeur	no	%co%PWCLHAL		View View yes no no	
pw_clientext	client extension file	no	%co%CLIENTEXT		View View yes no no	
pw_clientpro	client pro bill sequence setup file	no	%co%CLIENTPRO		View View yes no no	
pw_clientr55	print r55 format	no	%co%CLTR55		View View yes no no	
pw_cn_helds	conversion helds	no	ZDCONFLD		View View yes no no	
pw_cnscch	connectship spa closed detail	no	%co%cnscch		View View yes no no	
pw_cnscend	connectship end of day control	no	%co%cnscend		View View yes no no	
pw_cnscv_dup	duplicate conveyance ticket	yes	%co%cnscvdup%		View View yes no yes	
pw_cnscvta	for ticket count inquiry in rt	no	%co%CNSTSTA		View View yes no no	
pw_con_label	conveyance id label profiling	no	%co%CONLABEL		View View yes no no	
pw_con_wkflow	shipping conveyance workflow	no	%co%CONWORK		View View yes no no	
pw_contract	contract	no	%co%CONTRACT		View View yes no no	
pw_conv_act	conversion activity	no	%co%CONV_ACT		View View yes no no	
pw_conv_arch	archived conveyance	no	%co%CONV_ARCH		View View yes no no	
pw_conv_arvc	archived conveyance	no	%co%CONV_ARVC		View View yes no no	
pw_conv_bill	conveyance renewal billing activity file	no	%co%conv_bill		View View yes no no	
pw_conv_cdwtst	conveyance dimensions and weight status	no	%co%CONVCDWST		View View yes no no	
pw_conv_chk	conveyance check	no	%co%CONV_CHK		View View yes no no	
pw_conv_chrg	conveyance billing conveyance charge breakdown	no	%co%CONV_CHRG		View View yes no no	
pw_conv_ckp	conveyance check by pallet	no	%co%CONV_CKP		View View yes no no	
pw_conv_cpl	conveyance reference to client/product/lot	no	%co%CONV_CPL		View View yes no no	
pw_conv_ctl	conversion control file	no	ZDCONCTL		View View yes no no	
pw_conv_hist	conveyance activity history	no	%co%CONV_HST		View View yes no no	

All Table names begin with a Module Prefix (e.g. PW = Warehousing, RT = Transportation and FI = Financials).

This hyperlink will display the Columns for the selected Table (i.e. the Warehousing Client Master. This is the data that is displayed in CR.06).

Refresh 00:00:24 Auto-Refresh Off Total Rows Displayed : 2,843 of 2,843 Time to Load : 225.mss





Data Dictionary – HighView Columns – Action Grid

This hyperlink will display the Indexes (i.e. Keys) for the related Table (again the Client Master).

L1 VL Data Dictionary

Hyperlink - From: XML Tables Live - To: XML Table Columns Live

Columns Action Grid displays the specific Fields for the related Table (e.g. the Client Master).

Note: Users may access either the Columns or the Indexes Action Grids directly. Once all of the data is loaded into these Action Grid then various sorts, filters and other tasks may be performed on the data (e.g. to find all Column Descriptions that contain the word 'terms').

Column Name	Col Description	Tables	Indexes	Table Name	Table Description	Table Entity	Variation	Position	Alias	M...
client_001	client code	View	View	pw_client	client master	inventory	0000	1	client	
client_002	client name	View	View	pw_client	client master	inventory	0000	2	client_name	
client_003	customer address 1	View	View	pw_client	client master	inventory	0000	3	dscp_adres_1	
client_004	customer address 2	View	View	pw_client	client master	inventory	0000	4	dscp_adres_2	
client_005	customer address 3	View	View	pw_client	client master	inventory	0000	5	dscp_adres_3	
client_006	customer address 4	View	View	pw_client	client master	inventory	0000	6	dscp_adres_4	
client_007	phone number n/95(1,12)	View	View	pw_client	client master	inventory	0000	7	phn_num_client	
client_008	telex nr(1,13)	View	View	pw_client	client master	inventory	0000	8	telex_client	
client_009	phone number n/95(1,12)	View	View	pw_client	client master	inventory	0000	9	phn_num_client_f	
client_010	emergency n05(3,13)	View	View	pw_client	client master	inventory	0000	10	phn_num_client_f	
client_011	nominal warehouse n05	View	View	pw_client	client master	inventory	0000	11	whse_nominal	
client_012	customer attention name	View	View	pw_client	client master	inventory	0000	12	dscp_attn	
client_013	customer status	View	View	pw_client	client master	inventory	0000	13	customer_sts	
client_014	customer status	View	View	pw_client	client master	inventory	0000	14	sch_tm	
client_015	customer status	View	View	pw_client	client master	inventory	0000	15	renew_qual	
client_016	distribution anal	View	View	pw_client	client master	inventory	0000	16	distrib_analys_accr	
client_017	send a/r statement?	View	View	pw_client	client master	inventory	0000	17	acct_stmt	
client_018	broker code (customer)	View	View	pw_client	client master	inventory	0000	18	broker	
client_019	edi order types	View	View	pw_client	client master	inventory	0000	19	edi_ord_type	
client_020	address invoice to (p/s)	View	View	pw_client	client master	inventory	0000	20	adres_inv	
client_021	a/r balance forward account	View	View	pw_client	client master	inventory	0000	21	forward_acctnt_re	
client_022	type of customer	View	View	pw_client	client master	inventory	0000	22	client_type	
client_023	terms code	View	View	pw_client	client master	inventory	0000	23	trms_client	
client_024	last invoice number on file	View	View	pw_client	client master	inventory	0000	24	inv_num_lst	
client_025	"c" - credit unclaimed - a/r	View	View	pw_client	client master	inventory	0000	25	crdt_unclaimed	
client_026	"p" - payment on account - a/r	View	View	pw_client	client master	inventory	0000	26	acctnt_pay	
client_027	"s" - short paid invoice - a/r	View	View	pw_client	client master	inventory	0000	27	inv_pay_shrt	
client_028	add'l invoice n05(a/r)	View	View	pw_client	client master	inventory	0000	28	acctnt_atk	



Data Dictionary – HighView Indexes – Action Grid

L1 VL Data Dictionary

Hyperlink - From: XML Table Columns Live - To: XML Table Indexes Live

Table	Index	Segment	Tables	Columns	Table Description	Column	Alias	Segment Description
pw_client	00	01	View	View	client master	client_001	client	client code
pw_client	01	01	View	View	client master	client_030	sale_grp	sales group
pw_client	01	02	View	View	client master	client_001	client	client code
pw_client	02	01	View	View	client master	client_044	acctt_mgr	salesman code
pw_client	02	02	View	View	client master	client_001	client	client code
pw_client	03	01	View	View	client master	client_129	prod_frm	product code format
pw_client	03	02	View	View	client master	client_001	client	client code
pw_client	04	01	View	View	client master	client_189	b_prf_client	billing profile code
pw_client	04	02	View	View	client master	client_001	client	client code
pw_client	05	01	View	View	client master	client_172	ctrl_mthd	dtr frt pay
pw_client	05	02	View	View	client master	client_001	client	client code
pw_client	06	01	View	View	client master	client_206	obj_client	client master object id
pw_client	07	01	View	View	client master	client_011	whse_nominal	nominal warehouse nbs
pw_client	07	02	View	View	client master	client_001	client	client code
pw_client	08	01	View	View	client master	client_102	pck_code	pick document form code
pw_client	08	02	View	View	client master	client_001	client	client code
pw_client	09	01	View	View	client master	client_008	bol_code	bill of lading form code
pw_client	09	02	View	View	client master	client_001	client	client code
pw_client	10	01	View	View	client master	client_002	client_nme	client name
pw_client	10	02	View	View	client master	client_001	client	client code

The Indexes Action Grid displays the specific Keys (made up of Columns and Tables) for the related Table (e.g. the Client Master). Indexes are used (among other reasons) to retrieve specific information more quickly.

Refresh 00:00:10 Auto-Refresh Q off Total Rows Displayed : 20 of 20 Time to Load : 93 ms



□ HighView Action Grids:

- TMS WIP/Query - HighView
 - ✓ Link to Probill Invoice - Individual (BL.14)
 - ✓ Link to Probill Invoice - Master (BL.15)



Functionality/Scope:

- Added new links from the TMS WIP/Query Action Grids to the Individual (BL.14) and Master Probill (BL.15) Invoices.

Benefits:

- Allows 3PLs and their Clients (via My Logistics) to quickly/easily view Probill Invoices.
- Eliminates the time/cost to look for and find the printed Invoices.

Let's look at where these new links exist.



TMS WIP/Query - HighView

Links to Individual/Master Probill Invoices

Q1 TMS Work In Process HighView

Probill WIP ActionGrid

Probill	Client	Reprint	Invoice	Invoice Cons	Carrier Conf	C-DS	Fgt Type
681409	00001		Q1-00001-PBS-681409	1	Q1-00001-CCO-681409	POD	BOTH

PROBILL INVOICE

PROBILL NO	681409
INVOICE DATE	11.08.2016
TERMS	NET 30 DAYS
PAGE	1 of 1

BILL TO: ABC COMPANY
MAIN STREET
ATLANTA, GA 1000

SHIPPER: STAR DISTRIBUTION
2302 HENDERSON WAY
PLANT CITY, FL 33566
Soid # Vessel #

CHARGE TERMS	P.O. #	Booking #	Chassis #	Container
PREPAID				

QTY	ARTICLE DESCRIPTION	WEIGHT	RATE	AMOUNT
100	FREIGHT	6,000	9.45	567.00

SERVICE NOTE:
HRS> 5AM - 1PM - MON./FRI. STANDING APPTS MON @ 1000AM
email JAYS@CHENEYBROTHERS.COM

* Ship To *
CHENEY BROTHERS INC
ONE CHENEY WAY
RIVERA BEACH, FL 33404

REMT TO: TMS Logistics
Plant City

Total	\$567.00
-------	----------



WMS Receiving:

- Automatic Inbound Charge
 - ✓ Business Case/Scenarios
 - ✓ Functionality/Scope
 - ✓ Benefits



Business Case/Scenarios:

- 3PLs may always provide billable services to specific Clients as part of their Inbound Processing activities.
- Currently, there is not an automated function to bill for this service during Receiving.

Functionality/Scope:

- A Flat Charge per Receipt Invoice has been added to the Automated/Mandatory Charges (in WP.74)
- This charge is automatically attached to each Rated Receipt (via RE.31)
- It displays on the Receipt Invoice (RE.32)
- Activation: Rates (WP.74/CR.22) – Code “RF”
- It may be defined for “GEN” or Client specific usage.

Benefits:

- Does NOT rely on a User remembering to add the Charge.
- Maximizes 3PL revenue.



WMS Receiving Configuration: Automatic Inbound Charge (CR.22)

Charge Code "RF" is also defined in WP.74 as an Automated and Mandatory Charge Code. As such the system "knows" to automatically attach it to an appropriate Receipt during rating (via RE.31). The charge will then appear on the printed Receipt Invoice (via RE.32).

L1 CR.22 Storage, Handling, Other Rates [demo2 mar310 114955] - ViewPoint Logistics

File Help

TEST TEST

RF

Inbound Processing Charge

0

< Charges >

Charge Type: A

Minimum Charge: 0.00

Maximum Charge: 0.00

Calculate Per: INV

Qualifying Units: 0

Invoice Group: []

Cumulative Charge?: N

Monthly Minimum: []

This Charge is applied to EVERY Occurrence of a Receipt Invoice.

< Charge Rates >

Charge Rate	Maximum Qty
21. 6.95	22. 9999999999
23. 0.00	24. 0
25. 0.00	26. 0
27. 0.00	28. 0

< Revenue Distribution >

Percentage	Revenue	General Ledger
41* 100	42* K	43* L1116400
44. []	45. []	46. []
47. []	48. []	49. []
50. []	51. []	52. []
53. []	54. []	55. []

Revenue: Accessorials

G/L Acc: ANCILLARY REVENUE

OK Cancel Delete Review Print Exit Help

ENTER = Accept F3 = Jump EXIT = Exit
F2 = Clear F4 = Exit/Print REV = Review



□ WMS Order Management:

- Automatic Order Confirmation
 - ✓ Business Case/Scenarios
 - ✓ Functionality/Scope
 - ✓ Benefits



Business Case/Scenarios:

- The current process to reduce inventory levels after stock is shipped requires a manual User intervention (via OE.20)

Functionality/Scope:

- Orders may now be automatically confirmed when an Order is assigned a Specific Order Status (in OE.12).
- There is a new Background Task that processes Orders and is based on an Scheduled Interval.
- This feature handles Single and Master Orders.
- Reporting Options:
 - A Log File contains Orders that have/will/should be Auto Confirmed
 - An E-mail will be sent IF an Order is NOT confirmed (after a specified period)
 - The IP.94 option has been enhanced to purge the Log File

Configuration Options:

- The feature is activated by Client
- There is an optional Grace Period before Confirmation (i.e. After the Status is achieved)

Benefits:- Reduces the time/cost and potential errors related to manually confirming Orders as Shipped.

WMS Order Management Configuration: Automatic Order Confirmation

Order Auto Confirmation Notification Setup Screen

Order Auto Confirmation Notification Setup Screen

Client Name ←

Email ←

Drop-down menu
Auto Confirmation Time Interval

- 15 min
- 30 min
- 60 min
- 90 min
- 180 min
- 360 min

→

Save

☐ WMS Order Management:

- My Logistics – Create Outbound
 - ✓ Business Case/Scenarios
 - ✓ Functionality/Scope
 - ✓ Benefits



Added Create Outbound Icon to My Logistics

Business Case/Scenarios:

- Smaller or infrequent Clients may NOT have the ability to send electronic Order requests.

Functionality Scope:

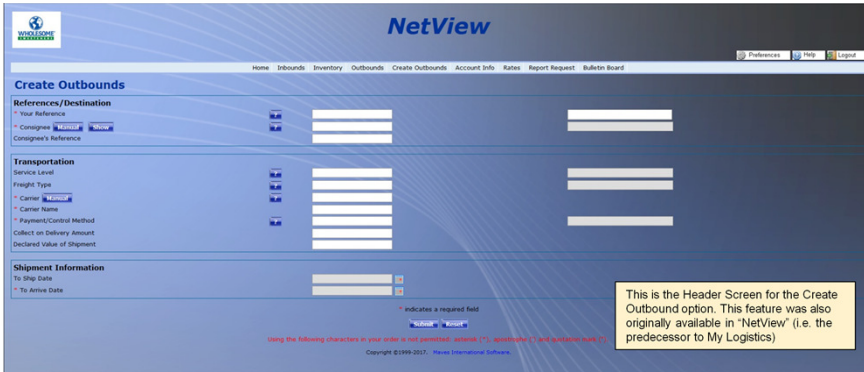
- New Icon enables My Logistics Users to create Orders
- Order Entry Options:
 - Choose stock level detail (via browse/select):
 - Product
 - Product and Lot, or
 - Product, Lot and Conveyance ID
 - Create Draft Orders (i.e. Create now and Submit Later)
 - Select Ship-To Names/Addresses from:
 - Existing data (either General/Specific to the Client), or,
 - Enter new/one-time manual name/address
- Order Types
 - Once an Order request is submitted, EDI will create the Order as:
 - Regular, or
 - Deferred.
 - Note: This is based on Client's Order Configuration (see CR.18 – Field # 42)



WMS Order Management My Logistics Menu – Create Outbound Option



New Icon for "Create Outbound" on the My Logistics menu for appropriate Clients and Users.



Benefits:

- Smaller Clients minimize software costs since they do NOT need to invest in an EDI solution to provide Orders to a 3PL
- Reduces 3PL labor time/cost and entry errors since staff do NOT need to manually enter Order requests from smaller Clients (e.g. those sent via from an e-mail).

❑ WMS Order Management:

- Shipment Data – Maintenance (OR.92)
 - ✓ Business Case/Scenarios
 - ✓ Functionality/Scope
 - ✓ Benefits



Business Case/Scenarios:

- Different 3rd Party Order Tracking packages may/can provide different information to 3PL packages.

Functionality Scope:

- Additional data has been captured from 3rd Party Order Tracking software including:
 - Closed Out Date
 - Processed Status
 - Master Order Reference
 - Package Weight
 - Last Update Date
 - Updated Time
 - User Code
- Note: Background task recognizes and populates data when Order Status is set to “H1” (Shipment Data Update)

Benefits:

- Captures and provides important Order Tracking data for:
 - review/validation,
 - required follow-up actions

- and billing purposes.



WMS Order Management Shipment Data – Maintenance (Additional Information)

TL OR.92 Shipment Data Maintenance

Order Number	443226		
Tracking Number	1A14709E03810118554		maves
C1 Charge	32.45	Length	0
C2 Charge	0	Width	0
C3 Charge	0	Depth	0
C4 Charge	0	Dim Weight	0
C5 Charge	0	Residential	
C6 Charge	0	Additional Handling	
C7 Charge	0	CWT Weight	0
C8 Charge	0	Payment Account	
Shipment Method	GND	Closed Out Date	
Total Weight	23	Buy Rate	0
COD Amount	0	Actual Carrier	
Date Shipped	04.09.2008	Load Number	
Package Type	0	SCAC Code	
Payment Type	1	Total Packages	0
		Total Weight	0

OK Cancel Delete Review Print Exit Help

ENTER = Accept F3 = Jump DEL = Delete
F2 = Clear F4 = Exit

New/additional fields.

□ WMS Radio Frequency:

- Work (Assign, Accept, Complete and View)
 - ✓ Business Case/Scenarios
 - ✓ Functionality/Scope
 - ✓ Benefits



Business Case/Scenarios:

- Once work is assigned to RF Users it is important to ensure that they may
 - recognize the assignment,
 - accept the assignment,
 - perform the work (with the correct process for the Client),
 - and complete the work.
- Finally, for each assigned work task, Management needs to be able to monitor its status.

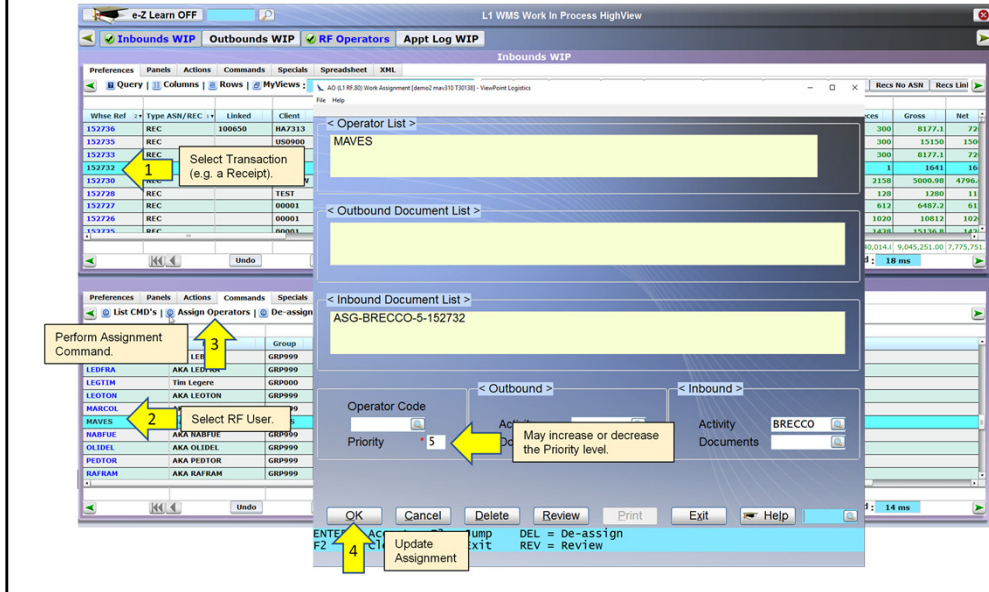
Functionality Scope:

- Enhanced the following:
 - Assign Work (via Action Grid or Job)
 - Accept and Invoke Work (via RF)
 - Complete Work (via RF)
 - View Status of Work (via Action Grids)

Benefits:

- Helps enable a “paperless” work environment.
- Provides real-time updates on the status of transactions for review by Management and for possible corrective action.

WMS Radio Frequency Assign Work to RF User (via Action Grids)



Steps to Assign Work:

- 1. Select Transaction
- 2. Select RF User
- 3. Perform Assignment Command
- 4. Update Assignment

WMS Radio Frequency Accept and Invoke Work (via RF)

```

< MENU >
# Description
<01 Accept work
02 Bulk Receiving
03 Single Receiving
04 Master Order Picking
05 Pick Order
06 Bulk Picking
07 Unpick Stock
08 Load Verify
09 Move Stock
10 Inquiry
11 Select Warehouse
12 Unallocated Pick
13 Count Stock
14 Event Entry
15 Location Status
16 Log Off
  
```

RF User selects the "Accept Work" option.

```

L1 RF 01 R.F. Menu [demo2 ma-310 T312M] - ViewPoint Logistics
Qty Received 1
Unit Id 1
G17A27147B
Unit ID 2

Gr 1648   Nt 1648
Product
063611
Lot
308412

Whs                25
Sugg. Loc.         RECVDOCK
Hold (Y,N)         No
Location           -65-36D
Accept (Y/N)       Y
  
```



```

< Assignment >
Doc #   Client Type
<152732 IP6630 REC
Date           Status
Rec Date: 03.06.17 Assigned >
  
```

Next, the System displays a list of Assignments for the RF User that are "Assigned", "Work In Process" and "Completed". To accept a new assignment, the RF User high-lights a task with an "Assigned" Status and presses the ENTER key.



After the RF User accepts the assigned task the system immediately invokes the appropriate RF job and "enters" the related transaction number (e.g. Receipt, Order, etc.).

Steps to Accept and Invoke Work (RF User)

- 1. Choose the Accept Work option
- 2. Highlight and accept an "Assigned" Task
- 3. The system will then automatically invoke the required RF job and "enter" the related transaction # (e.g. Receipt, Order, etc.).

WMS Radio Frequency Complete Work (via RF)

Qty Received 1
Unit Id 1
G17A27147B
Unit ID 2

Gr 1648 Nt 1648
Product 063611
Lot 308412

Whs 25
Sugg.Loc. RECVDOCK
Hold (Y,N) No
Location -65-36D
Accept (Y/N)

< *** Message *** >

Entries
Balanced
for Receipt
152732

<OK>

After the Work is completed the Status (in the RF.01 Accept Work option) is changed to 'Completed'.

< Assignment >					
Doc #	Client	Type	Activity	Date	Status
<152732	IP6630	REC		Rec Date: 03.06.17	Complete

Steps to Complete the Work (RF User):

- 1. Perform the last task for the Transaction
- 2. System displays "Completed" message
- 3. Accept Work option changes Status of Work to Completed



WMS Radio Frequency View Status of Work (Action Grids)

The screenshot displays two action grids from a WMS interface. The top grid is titled 'Inbounds WIP' and shows a list of transactions with columns for Whse Ref, Type ASN/REC, Status, Stat Desc, Pct Recvd, Operators, Audit Ptd?, Rated?, Inv Ptd?, End of Day?, EDI Sent?, and Appt#. A callout points to a row with Status 'G1' and Stat Desc 'Receipt Created', noting that the status indicates the work is 'Complete' (CMP). The bottom grid is titled 'RF Operators' and shows a list of operators with columns for Operator, Name, Group, Warehouse, Asgnd Orders, Asgnd Receipts, Changed, Unique Key, and Asgnd ALL. A callout points to a row for operator 'MAVES' with Asgnd Receipts 'CMP-BRECCO-S-152732', noting that the status indicates the work is 'Complete' (CMP).

View Status of Work (Action Grids):

- As the Status of the Work changes:
 - from Assigned (ASG)
 - to Work In Process (WIP)
 - and finally to Completed (CMP)
- it can be reflected in real-time in various Action Grids (if the automated refresh option is active).

□ WMS Radio Frequency:

- Receiving:
 - ✓ Automatic Link – ASN to Receipt Line
 - Business Case/Scenarios
 - Functionality/Scope
 - Benefits



Automatic Link – ASN to Receipt Line

Business Case/Scenarios:

- In-Transit provided/linked to Receipt.
- In-Transit lines may have a:
 - Product, Lot, and ID (Conveyance or Unit), or a
 - Product and Lot (Some/All Components), or a
 - Product only.
- User must identify In-Transit line to Receive (against).
- Issue: Time consuming especially with MANY lines.

Functionality/Scope:

- RF.01 Single/Bulk Receiving enhancements:
 - Doesn't require user selection of In-Transit lines
 - User receives actual stock only (i.e. Receipt Line)
 - Links Receipt Line to the BEST matching In-Transit line

WMS Radio Frequency Configuration: Automatic Link of In-Transit Lines to Receipt Lines

TL RF.96 Client and Product Parameters

01. Client Code		TEST TEST CLIENT	
02. Product Code		CASES_ON_CONVEYANCE Cases on Conveyance	
03. Load Verification - Multiple IDs		1	
04. Pick Tolerance (Y/N)	Y S	5	10
08. Single Receiving Related	S N	Y	
12. Bulk Receiving: Enable print		1	
13. Packing Shipment Conveyance Object		SHPCON	
14. Restrict Staging Area		N	
15. Load Verify Location		Y	
< Product Validation >			
16. Single Receiving		N	
17. Bulk Receiving		N	
18. Order Picking (Allocated)		N	
19. Unallocated Picking		N	
< Location Validation >			
20. Order Picking (Allocated)		N	
21. Unallocated		N	
< Print Labels >			
22. Un-allocated Pick		N	
< Default Staging Location on Picking >			
23. Pick Order		N	
24. Unallocated Pick		N	
< Default Work Assignment >			
25. Picking (UNA/PIK)		UNA	
26. Receiving (SRE/BRE)		SRE	

Feature may be activated for All Clients/Products, for a specific Client and All their Products, or for a Specific Client/Product.

Automatically Link In-Transit Lines to Receipt Lines (Y/N)?

Benefits:

- Reduces time/cost during Receiving
- Optimizes matching of Expected vs. Actual stock
- Increases usability of Discrepancy Reports (RE.80)

How do you activate this feature? Let's see ...

□ WMS Radio Frequency:

- Receiving:
 - ✓ Proprietary/Composite Bar Codes:
 - Business Case/Scenarios
 - Functionality/Scope
 - Benefits



Proprietary/Composite Bar Codes

Business Case/Scenarios:

- Client's stock has SINGLE bar-code with multiple values
 - Example: Product, Lot, Quantity, Weight, etc.
- Specific values in bar-code start at specific positions
- Issues/Challenges:
 - Values in RF Receiving require separate scans
 - No Mapping of Values (Start Position, Length, etc.)

Functionality/Scope:

- Mapping Tool (RF.70) for Barcode's:
 - Qualifying Values (i.e. Product, Lot and Quantity)
 - Value's Start Position and Length
- RF Receiving Options (Single and Bulk) was enhanced:
 - Parses Values (i.e. gets Product, Lot, Quantity)
 - Automatically populates multiple Values from 1 scan

Benefits:

- Reduces time/cost of Receiving
- Increases data accuracy (i.e. right value to right input)

WMS Radio Frequency Configuration: Proprietary/Composite Bar Codes

TL RF.70 Barcode Definitions

Client: TEST TEST CLIENT

Barcode ID: PL Description: PRODUCT, LOT AND QUANTITY

Representing: QV

From Pos.: 1
To Pos.: 2
From Text: 17
To Text: 17

The "QV" Qualifying Values feature enables access to the fields below (highlighted in the red box). After a bar code is scanned the system will ensure that the bar code definition returns valid values (e.g. a defined Product) before it uses this definition and populates the related Receiving values on the RF device.

Length of Barcode Label	34	Product From Position	3	Product To	19
Lot From Position	20	Quantity From Position	31	Lot To	30
				Quantity To	34

OK Cancel Delete Review Print Exit Help

ENTER = Accept F3 = Jump DEL = Delete
F2 = Clear F4 = Exit REV = Review



☐ WMS Radio Frequency:

- Receiving:
 - ✓ Warning: Approaching Max # Lines
 - Business Cases
 - Functionality/Scope
 - Benefits



Warning: Approaching Max # Lines

Business Cases:

- Inbound has a LARGE # of Product/Lot combinations
- Issue: Maximum # of Receipt Lines is 999

Functionality/Scope:

- RF Receiving options (Single and Bulk) warn User when they reach 990 lines

Benefits:

- Enables Users to report fact to Office
- Office may create/communicate 2nd Receipt to RF Users to complete Inbound

☐ WMS Radio Frequency:

- Receiving:
 - ✓ Automatic Print – Discrepancy Report (RE.80)
 - Business Cases
 - Functionality/Scope
 - Benefits



Automatic Print – Discrepancy Report (RE.80)

Business Cases:

- In-Transit provide/linked to Receipt
- RF Users complete Receiving
- RF Users wish to check Discrepancies between Expected/Actual stock received
- Issue: Must request Office to print/provide RE.80 Report

Functionality/Scope:

- RF Receiving (Single/Bulk) can prompt/print RE.80 upon completion of Receipt
- Output (i.e. Printer) may be defined by Warehouse

Benefits:

- Reduces time/cost related to verification of Receiving

How is this feature configured?



WMS Radio Frequency Configuration: Automatic Print Discrepancy Report (RE.80)

L1 RF.96 Client and Product Parameters

01.Client Code

02.Product Code

03.Load Verification - Multiple IDs

04.Pick Tolerance (Y/N)

08.Single Receiving - Location Entry

09.Single Receiving - Scan Each Piece

10.Packing Shipment Conveyance Object

11.Restrict Staging Area

12.Bulk Receiving: Enable print **←**

13.Single Receiving: Enable print

14.Load Verify Location

<- Product Validation >-

15.Single Receiving 16.Bulk Receiving

17.Order Picking (Allocated) 18.Unallocated Picking

<- Location Validation >-

19.Order Picking (Allocated) 20.Unallocated

<- Print Labels >-

21.Un-allocated Pick

OK Cancel Delete Review Print Exit Help

Bulk Receiving: Enable print 1 = yes, will print RE.80
N = Not Print

L1 WP.15 Default Printer per Warehouse

< Assign Default Printers to the Warehouses >

01*Warehouse

02*Default Printer

whsprter01	whsprter02
01	LZR11C ←
01	LZR8C
01	LZR9C
02	LZR10C
04	LZR9C

□ WMS Radio Frequency:

- Picking:
 - ✓ Unallocated: Master Order – Staging
 - Business Case/Scenarios
 - Functionality/Scope
 - Benefits:



Unallocated: Master Order – Staging

Business Case:

- Multiple Orders (of Cases) may require stock from SAME Location
- A Master Order is a Group of Orders used for Picking efficiency
- Issue: Only Master Order option is for Allocated Orders.
- This option restricts choice of Lot/Location (i.e. User can't pick most accessible stock)

Functionality/Scope:

- New Unallocated Master Order Staging option
 - RF Users choose accessible stock within a "Pick Window"
 - Selected stock is picked/placed into a Staging Location
- Unallocated Picking (i.e. Non-Master)
 - If Order on a Master then restricts to stock in Stage Location

Benefits:

- Minimizes # of trips to a Location
- Reduces the time/cost of Picking



WMS Radio Frequency Configuration: Unallocated Master Order - Staging

L1 RF.91 R.F. Operators

01.Operator Code:	MAVES						
02.Warehouse Selection Method:	1	04.Truck Location code					
03.Pre-assigned Warehouse :		05.Default for RF Screen Size					
06.Create Receipt Header :	1	07.InTransit Rule					
<- Main Menu Selections >							
08.Bulk Receiving	<input checked="" type="checkbox"/>	09.Single Receiving	<input checked="" type="checkbox"/>	10.Pick Order	<input checked="" type="checkbox"/>	11.Inquiries	<input checked="" type="checkbox"/>
12.Bulk Picking	<input checked="" type="checkbox"/>	14.Move Stock	<input checked="" type="checkbox"/>	15.Unload Stock	<input checked="" type="checkbox"/>	16.Count Stock	<input checked="" type="checkbox"/>
17.Select Warehouse	<input checked="" type="checkbox"/>	21.Pallet Ctrl	<input checked="" type="checkbox"/>	26.Unallocated Pk	<input checked="" type="checkbox"/>	19.Unload Stock	<input checked="" type="checkbox"/>
30.Unpick Stock	<input checked="" type="checkbox"/>	31.Display Remark	<input checked="" type="checkbox"/>	37.Event E	<input checked="" type="checkbox"/>	20.Unpick Stock	<input checked="" type="checkbox"/>
34.Suppress Locs	<input checked="" type="checkbox"/>	36.Master Ord Pick	<input checked="" type="checkbox"/>			34.Suppress Locs	<input checked="" type="checkbox"/>
<- Picking Methods Selections >			Feature activation by RF User				
39.By Order/Line	<input checked="" type="checkbox"/>	40.By Broker/Client	<input checked="" type="checkbox"/>	41.By Client	<input checked="" type="checkbox"/>		
42.By Product	<input checked="" type="checkbox"/>	43.By Location	<input checked="" type="checkbox"/>	44.To Conveyance	<input checked="" type="checkbox"/>		
<- Inquiry Menu Selections >							
45.Find Stock	<input checked="" type="checkbox"/>	46.Find Unit IDs	<input checked="" type="checkbox"/>	47.Contents	<input checked="" type="checkbox"/>		
48.Identify Unit IDs	<input checked="" type="checkbox"/>	49.Empty Locations	<input checked="" type="checkbox"/>	50.Conv. Contents	<input checked="" type="checkbox"/>		
51.Conveyance IDs	<input checked="" type="checkbox"/>	52.Ticket Count	<input checked="" type="checkbox"/>				
<- Conveyance Labels >							
53.Conveyance Printer	GHOST		54.Samples				
OK Cancel Delete Review Print Exit Help							

L1 RF.96 Client and Product Parameters

01.Client Code	All Clients		
02.Product Code	All Products		
03.Load Verification - Multiple IDs	1		
04.Pick Tolerance (Y/N)	N	0	
08.Single Receiving - Location Entry	S		
09.Single Receiving - Scan Each Piece	N		
10.Packing Shipment Conveyance Object	SHPCG		
11.Restrict Staging Area	<input checked="" type="checkbox"/>		
12.Bulk Receiving: Enable print	<input checked="" type="checkbox"/>		
13.Single Receiving: Enable print	<input checked="" type="checkbox"/>		
14.Load Verify Location	<input checked="" type="checkbox"/>		
15.Default Location	N		
<- Product Validation >			
17.Single Receiving	N	18.Bulk Receiving	N
19.Order Picking (Allocated)	N	20.Unallocated Picking	N
<- Location Validation >			
21.Order Picking (Allocated)	N	22.Unallocated	N
<- Print Labels >			
23.Un-allocated Pick	N		
OK Cancel Delete Review Print Exit Help			

Feature activation by Client/Product

☐ WMS Radio Frequency:

- Picking:
 - ✓ Unallocated Bulk – Default Conveyance Quantity
 - Business Case
 - Functionality/Scope
 - Benefits



Unallocated Bulk – Default Conveyance Quantity

Business Case:

- Order Quantity for Product requires Multiple Pallets
- Best practice is to pick as FEW Full Pallets to meet request
- Issue: Unallocated/Bulk Picking display ALL valid Pallets with Full/Standard quantities and Partial quantities (less than Standard)

Functionality/Scope:

- Unallocated Bulk option may now restrict the display to Pallets with a Standard quantity (based on Product definition –CR.62 – Field # 53)
- Option to default or initialize/prompt for the Pallet Quantity

Benefits:

- Minimizes time and cost of Picking
- Increases accuracy of capture of shipped quantity (if User must count and record picked quantity for Non-Standard Pallets)



WMS Radio Frequency Configuration: Unallocated Bulk Picking Default Conveyance Quantity

TL RF.93 Unallocated Picking - Set-Ups

01.Client: TEST TEST CLIENT
02.Product: ALL All Products
03*Pick Window Aging: 0
04*Order Type: 00*Override Lot/Location: Y
05*Based On: LRD 0 10*Check Pick Window for Pickline Locations: Y
07.Days: 90 11*Apply Pick Window to Stock in Bulk Locations: Y
< Location Types - setup 'ALL' in Product >
12.Allow Bulk Location Type: Y Y
14.Allow Pickline Location Type: Y Y
15.Allow Both Location Type: Y Y
< Shipment Conveyances - set up 'ALL' in Client/Prod >
16.Bulk Location Type: N
17.Pickline Location Type: M
18.Both Location Type: O
< Unit IDs >
19.Max Number of Unit IDs for Pick/Drop: 0
20.Allow Override of Lot: Y
21.Allow Override of Location: Y
OK Cancel Delete Review Print Exit Help
auto update Pick quantity (Y/N) ?

01.Client: TEST TEST CLIENT
02.Product: ALL All Products
03*Pick Window Aging: 0
04*Order Type: 00*Override Lot/Location: Y
05*Based On: LRD 0 10*Check Pick Window for Pickline Locations: Y
07.Days: 90 11*Apply Pick Window to Stock in Bulk Locations: Y
< Location Types - setup 'ALL' in Product >
12.Allow Bulk Location Type: Y Y
14.Allow Pickline Location Type: Y Y
15.Allow Both Location Type: Y Y
< Shipment Conveyances - set up 'ALL' in Client/Prod >
16.Bulk Location Type: N
17.Pickline Location Type: M
18.Both Location Type: O
< Unit IDs >
19.Max Number of Unit IDs for Pick/Drop: 0
20.Allow Override of Lot: Y
21.Allow Override of Location: Y
OK Cancel Delete Review Print Exit Help
standard Pallet for Bulk Picking (Y/N) ?

☐ WMS Radio Frequency:

- Picking:
 - ✓ Unallocated Bulk – Shelf Life by Percentage
 - Business Case
 - Functionality/Scope
 - Benefits



Unallocated Bulk – Shelf Life by Percentage

Business Case:

- Customers (of Clients) ONLY accept shipment of stock (i.e. Lots) with an Age less than or equal to a % of Shelf Life
- Example (for a Lot):
 - Shelf Life = 365 Days. Receipt Date = Jan 1st. Expiry Date = Dec 31st. Percent = 50%.
 - Case # 1: Ship Date = Feb 1st. **Valid** (8% <= 50%)
 - Case # 2: Ship Date = Oct 1st. **Invalid** (75% > 50%)

Functionality/Scope:

- CR.40 Shelf Life enhanced
- RF.01 Unallocated Picking enhanced
- RF.93 Unallocated Picking Set-Ups enhanced

Benefits:

- Prevents invalid stock being shipped to Customers

Let's review the Configuration changes ...



WMS Radio Frequency Configuration: Unallocated Bulk Picking Shelf Life by Percentage

L1 CR.40 Minimum Shelf Life by Customer

01*Warehouse Client Code	XYZTRE XYZ FOODS
02.Customer Ship-To Code	All Customers except as specified
03*Minimum Shelf Life in Days	0
04.Shelf Life Percentage	40

Enter Shelf Life Percentage

OK Cancel Delete Review Print Exit Help

L1 CR.62 Client's Inventory Products

01*Client	XYZTRE XYZ FOODS
02*Product	TEST
03*Desc-1	TEST
04.Desc-2	

< Details >

70.Minimum Balance:	0
71.Maximum Balance:	0
72.Unit Value :	0
73.Age.Days :	365

L1 RF.93 Unallocated Picking - Set-Ups

01.Client:	XYZTRE XYZ FOODS		
02.Product:	ALL All Products		
03*Pick Window Aging:	0	10*Override Lot/Location:	Y
04*Order Type:	LED	11*Check Pick Window for Pickline Locations:	N
05*Based On:	LED	12*Apply Pick Window to Stock in Bulk Locations:	N
06.Days:	0 0	13.Default Staging Location:	N
08.Shelf Life Rules	Y	14.Prompt for newly identified Unit ID's:	N

☐ WMS Radio Frequency:

- Picking:
 - ✓ Allocated/Unallocated Bulk – Default Staging Location
 - Business Case
 - Functionality/Scope
 - Benefits



Allocated/Unallocated Bulk – Default Staging Location

Business Case/Scenarios:

- During Order picking stock may be staged (i.e. moved) to one/more Locations prior to it being loaded for shipment
- Issue: If a default to the LAST Staging location is used then a User may accept the Location rather than scan an actual/different Staging Location

Functionality/Scope:

- New Option: Whether to Default the last Stage location during Allocated and Unallocated Picking (by Client)

Benefits:

- Minimizes the time and cost related to “mis-locating” during picking

Let's view were that is defined ...

WMS Radio Frequency Configuration: Allocated/Unallocated Default Stage Location

TL RF.96 Client and Product Parameters

01.Client Code	TEST	TEST CLIENT
02.Product Code	CASES_ON_CONVEYANCE	Cases on Conveyance
03.Load Verification - Multiple IDs	1	
04.Pick Tolerance (Y/N)	N	0 0
08.Single Receiving Related	S	N N N
12.Bulk Receiving: Enable print		1
13.Packing Shipment Conveyance Object		SHPCON
14.Restrict Staging Area		N
15.Load Verify Location		Y
< Product Validation >		
16.Single Receiving	N	17.Bulk Receiving N
18.Order Picking (Allocated)	N	19.Unallocated Picking N
< Location Validation >		
20.Order Picking (Allocated)	N	21.Unallocated N
< Print Labels >		
22.Un-allocated Pick	N	< Default Staging Location on Picking >
< Default Work Assignment >		
25.Picking (UNA/PIK)	UNA	26.Receiving (SRE/BRE) SRE

Buttons: OK, Cancel, Delete, Review, Print, Exit, Help

Feature activation by Client/Product

☐ WMS Radio Frequency:

- Load Verify:
 - ✓ Hot Load – Pick & Load
 - ✓ Undo
 - ✓ Master Orders



Business Case/Scenarios:

- Periodically, a carrier arrives before an Order is picked and staged. Under this scenario the Order (or remaining non-picked quantities) should be picked and loaded directly onto the carrier.
- Also, some Orders may be cancelled, or loaded onto an incorrect Carrier and need to be “unloaded”.
- Finally, multiple Orders may be shipped together on the same Carrier.

Functionality/Scope:

- Existing/new Load Verification features have been enhanced or created to address these requirements.

Benefits:

- Reduces the labor time/cost related to Loading Shipments.

WMS Radio Frequency Configurations: Hot Load (Pick & Load Verify)

TL RF.99 R.F. System Parameters

Warehouse Code: 01 North Building

System Active? Yes

Moves Adjustment Code: Move stock to another location

Default Receiving Hold Code: P

Damages Hold Code Changeable: Yes

Default Lost Stock Hold Code: L Location Mis-placement

Lost Stock Hold Code Changeable: Yes

Close Receipt via RF ?? : Y Pallet

Conveyance Object for Receiving: PALLET

Conveyance Object for Picking: SHPCON Shipment Conveyance

Allow Shipment Conveyance across multiple Orders: Y

Pickline Replenishment Changes Conveyance ID: N **Feature activation may be for a specific or All Warehouses**

Door Loading Enable: Y

OK Cancel Delete Review Print Exit Help

ENTER = Accept DEL = Delete
F3 = Jump F4 = Exit

TL SL.78 Storage Types / Type Profiles

Type	Description	Supress Active Putaway
B	Bulk Locations	
D	Dock	
F	Fork Lift	
G	Generic	
P	Pick Line	
R	Racked	N

Storage Type "D" is now a "Static value" that supports this feature.

Previous Next Finish Add Edit Start Go

Reverse

TL SL.90 Locations

01*Warehouse Code: 01 North Building

02*Aisle Code: DK Docks

03*Side Code: - No Sides

04*Column Code: 000

05*Tier Number: 01

06.Visual Location: DK-00001 07.Location Sequence: DK-00001

08*Storage Type: D Dock

Dock Doors MUST be defined with a Storage Type of 'D' to be used with this feature.



WMS Radio Frequency Configuration: Load Verify – Master Orders

L1 RF.91 R.F. Operators

01.Operator Code: MAVES MAVES

02.Warehouse Selection Method: 2 04.Truck Location code

03.Pre-assigned Warehouse : 02 05.Default for RF Screen Size 0

06.Create Receipt Header 1 07.InTransit Rule 1

< Main Menu Selections >

08.Bulk Receiving	Y	09.Single Receiving	Y	10.Pick Order	Y	Y
12.Bulk Picking	Y	14.Move Stock	Y	15.Inquiry	Y	Y
16.Count Stock	Y	17.Load Verify	Y	16.Inquiry	Y	Y
20.Select Warehouse	Y	21.Pallet Ctrl	N	25.Unall	Y	Y
30.Unpick Stock	Y	31.Display Remark	Y	32.Event Entry	Y	Y
34.Suppress Locs	Y	36.Master Ord Pick	Y	38.Pack Order	Y	Y

< Picking Methods Selections >

39.By Order/Line	Y	40.By Broker/Client	Y	41.By Client	Y	Y
42.By Product	Y	43.By Location	Y	44.To Conveyance	Y	Y

< Inquiry Menu Selections >

45.Find Stock	Y	46.Find Unit IDs	Y	47.Contents	Y	Y
48.Identify Unit IDs	Y	49.Empty Locations	Y	50.Conv. Contents	Y	Y
51.Conveyance IDs	Y	52.Ticket Count	Y			

< Conveyance Labels >

53-Conveyance Printer GHOST 54.Samples

OK Cancel Delete Review Print Exit Help

Include the Master BOL Load Verify option on the menu? Y = Yes
N = No



WMS Radio Frequency:

- Other:
 - ✓ Time Stamping



Business Case/Scenarios:

- The capture of the time spent performing specific tasks in the warehouse enables 3PLs to determine whether RF Users are meeting labor standards (this is especially for any Pay-for-Performance plans).

Functionality/Scope:

- A number of enhancements have been made to various RF jobs to capture additional task durations.
- The revised data was then exported by an initial 3PL site to a 3rd Party (i.e. Easy Metrics) which specializes in reporting Key Performance Indicators (e.g. Cases and Pallets picked per hour, etc.).

Benefits:

- Detail and broad Time Stamping data, collected from RF tasks, is now available for review (in Action Grids) and for export to 3rd Parties to gauge the performance of Warehouse staff.

☐ WMS Adjustments:

- Automatic Release of Holds
 - ✓ Business Case
 - ✓ Functionality/Scope
 - ✓ Benefits



Automatic Release of Holds

Business Case/Scenarios

- Clients may request that newly arrived stock (at 3PL) NOT be made immediately available for Orders
- Stock must first be received, put-away, inspected, etc.
- 3PL prevents stock from being Ordered by placing it on Automatic Hold during Receiving
- However, steps to release Holds (especially large volumes) may be arduous and time consuming

Functionality/Scope:

- New Background task automatically releases Automatic Holds
- The Hold is released after the related Receipt achieves a specific Receipt Status
- Options:
 - Delaying release of Hold for “X” minutes after Receipt achieves the Status
 - Prevent Users from manually removing Holds (Y/N)
- Note:
 - After Hold is released the system assigns R8 Auto Hold Released Status
 - Receipt Status is viewable in OR.41

WMS Radio Frequency Configuration: Automatic Release of Holds

TL OR.22 Holds - Set up Automatic

Client Code	TEST	TEST CLIENT
Product Code		All Products
Lot Code		All Lots
Warehouse		All Warehouses
Hold Code	RH	Receipt Hold
Receipt Type		DRPT

TL SF.16 Receipt Status Codes

Status	Description	User Defined Status
88	Auto Hold Release	Y
31	Receipt Printed	N

TL CR.59 Auto Hold Release For Receipts

Client	TEST	TEST CLIENT
Hold Code	RH	Receipt Hold
Receipt Status	J1	Receipt Printed
Delay in minutes	2880	
Prevent manual removal	Y	

40 Hours AFTER the Receipt achieves the "J1" Status (i.e. The RE 22 Audit Report s printed) then the system will remove the Hold (i.e. RH)

OK Cancel Delete Review Print Exit Help

Enter the delay in minutes since this receipt status was set

Benefits:

- Why is this beneficial?
- It eliminates the time/cost related to removing Holds

OK ... let's take a look at some of the Configurations ...

Questions and Answers

