



*Inventrax-FalconWMS
Ver 1.0
Operational Manual*

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Table of Contents

1.	System Login.....	5
2.	Master Data.....	5
2.1.	Supplier.....	6
2.1.1.	Supplier List	6
2.1.2.	Supplier Request	7
2.2.	Item Master	9
2.2.1.	Item Master List.....	9
2.2.2.	Item Master Request.....	10
2.2.3.	Kit Planner	14
2.3.	Location Management	15
3.	Orders	19
3.1.	Purchase Order (PO).....	19
3.1.1.	Purchase Order List	19
3.1.2.	New Purchase Order	20
4.	Inbound.....	23
4.1.	New Inbound	23
4.2.	Inbound Tracking.....	29
4.3.	Revert Inbound.....	32
4.4.	Search Inbound.....	33
4.5.	Inward QC Pending List	34
5.	Inventory	34
5.1.	Goods Receipt (IN).....	34
6.	Orders	39
6.1.	Work Order (WO)	39
6.1.1.	Work Order List	39
6.1.2.	New Work Order	40
7.	Outbound.....	42

7.1.	New Delivery	43
7.2.	Outbound Tracking.....	48
7.3.	Revert Outbound.....	50
7.4.	Search Outbound.....	51
8.	Inventory	52
8.1.	Goods Issues (OUT)	52
8.2.	Active Stock	54
8.3.	Inter Store Transfer	57
8.4.	Customer Returns.....	58
8.5.	Supplier Returns	60
9.	Orders	61
9.1.	Tool Management	61
9.1.1.	Issue List.....	61
9.1.2.	New issue.....	62
9.1.3.	Tools Returns.....	63
9.1.4.	Tool Issue List	64

1. System Login

The screenshot shows the FalconWMS login interface. The top navigation bar is blue with the FalconWMS logo on the right. The main content area is white and contains a login form. The form is titled "Login" in orange. It has two input fields: "UserID" and "Password". Below these fields is a checkbox labeled "Remember Password". To the right of the password field is a "Login" button with a red arrow icon. At the bottom of the form, there is a note: "Note : * Indicates mandatory fields". The footer of the page is dark and contains the copyright notice "© 2014" and the text "Powered By inventrax" with its logo.

Login screen allows the user to authenticate and authorize the system functionality. On successful login system directs the user to access various modules like Inbound, Outbound, Inventory, Orders, Master Data, Manufacturing, Reports and Administration based on the role assigned.

2. Master Data

The master data related features are listed as shown below



2.1. Supplier

2.1.1. Supplier List

[Link: Menu >> Master Data >> Supplier >> Supplier List](#)

System displays supplier list with Supplier Name and code Information. Supplier List provides Search, Edit, Update status and Export to Excel functions based on the user role.

Functionality

- The suppliers can be searched with Supplier Name
- The 'Edit' function in Supplier List allows to modify the supplier details with Supplier Code field as disabled
- Authorized users will be update the status of supplier as 'IsApproved' and 'IsActive'
- The 'Export to Excel' function allows to download a file that contains supplier list

SUPPLIER LIST						
<input type="text" value="Supplier Name..."/> <input type="button" value="Search"/> <input type="button" value="X"/>						
Supplier Name	Supplier Code	Requested By	Approved	Active		
123>:"}{})\$%^&*	sa12		<input checked="" type="checkbox"/>	<input type="checkbox"/>	Edit ▶	
RT BLR	RTBLR		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Edit ▶	
WIPRO LTD	W003		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Edit ▶	
VINYAS INNOVATIVE TECHNOLOGIES (P) LTD.	V004	Admin A	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Edit ▶	
VEERAS INFOTEK PVT LTD.,	V003	Admin A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Edit ▶	
VEE PEE ELECTRONICS	V002	Admin A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Edit ▶	
VINAY TRANS	V001	Admin A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Edit ▶	
UNIVERSAL MODULAR SYSTEMS	U002	Admin A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Edit ▶	
UNITED ELECTRONIC IND INC	U001	Admin A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Edit ▶	
TRANSICAL	T003	Admin A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Edit ▶	
TEAM TECHNOLOGY	T001	Admin A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Edit ▶	
SHUBHAM OFFICE SOLUTIONS	S018	Admin A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Edit ▶	
STATIC SYSTEMS PVT LTD	S015	Admin A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Edit ▶	
SCHLOE MACHINES	S014	Admin A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Edit ▶	
S.M ELECTRONICS TECHNOLOGIES PVT LTD	S012	Admin A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Edit ▶	
SECURE NETWORKS SOLUTIONS (I) PVT LTD.	S011	Admin A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Edit ▶	
SS TOOLS & TECHNOLOGY	S009	Admin A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Edit ▶	
SSI CABLES	S008	Admin A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Edit ▶	

2.1.2. Supplier Request

Link: [Menu >> Master Data >> Supplier >> Supplier Request](#)

Request work flow

Department Coordinators can request an addition of new supplier in the master data, based on the materials they supply. User enters details of Supplier, Contact Person and Supplier Bank Details as shown in the following screen.

System forwards this request to concerned Dept. (System sends an alert via automated email of this request). Accounts Dept. will assign a unique supplier code (3 character) for this supplier and forwards to MMAAdmin (system sends an alert via automated email of this assignment) for his approval.

MMAAdmin approves this supplier, and system enables the use of this supplier in Item Master Requests.

The mandatory fields marked in red asterisk must be entered to create a new supplier request.
Authorized users can create 'Supplier' and update the 'IsApproved' status / Supplier details

Functionality

On creation of new supplier following sections will be visible to update the required data

- i. Supplier Details: Allows to add basic information of the supplier
- ii. Contact Person Details: Allows to add contact person information
- iii. Supplier Bank Details: Allows to add bank details of supplier

SUPPLIER REQUEST		Item Master Supplier Location Management		
Note: * Indicates mandatory fields				
Supplier Details				
* Supplier Name: <input type="text" value="VEE PEE ELECTRONICS"/>	* Supplier Code: <input type="text" value="V002"/>	Search Term: <input type="text" value="RT/OPS/F/001 Rev 1.2"/>		
* Telephone No 1: <input type="text" value="+91-80-2211 8415"/>	* Telephone No 2: <input type="text"/>	Mobile No: <input type="text" value="+91-98440 87128"/>		
* Address1: <input type="text" value="# 68/4, Vanhi Tower's, 1St fl"/>	Address2: <input type="text"/>	* Country: <input style="width: 150px;" type="text"/>		
Fax No: <input type="text"/>	* Email Address: <input type="text"/>			
Contact Person Details				
Name: <input type="text" value="MANISH WALIA"/>	Title : <input type="text" value="Proprietor"/>	Contact No: <input type="text"/>		
Email Address: <input type="text"/>				
Supplier Bank Details				
Bank Name: <input type="text"/>	Account No: <input type="text"/>	IBAN No: <input type="text"/>		
Sort Code or BLZ Code: <input type="text"/>	Swift Code: <input type="text"/>	Currency: <input style="width: 150px;" type="text"/>		
Country: <input style="width: 150px;" type="text"/>	Bank Address: <input type="text"/>			
<input checked="" type="checkbox"/> Is Approved				
<input type="button" value="Cancel"/> <input type="button" value="Update"/>				

2.2. Item Master

2.2.1. Item Master List

Link: Menu >> Master Data >> Item Master >> Item Master List

System displays item master list with Part Number, OEM Part Number, Item Description, Material Type and Supplier Information. Item Master List provides Search, Edit, Copy, Print Labels and Export to Excel functions based on the user role.

Functionality

- i. Filter: System can filter the Items by selecting the below options
 - a. MMAdmin.Approved: Items approved by MMAdmin
 - b. MMAdmin.Appr.Pending: Items to be approved by MMAdmin
- ii. The Items can be searched with Material Type / Supplier / Part No. / OEM Part No.
- iii. The 'Edit' function in 'Item Master List' allows to modify the Item details with Part Number field as disabled
- iv. The 'Copy' function in 'Item Master List' allows to create a 'new item' (change in Part Number) with source item data. The user can cancels either of these activities at any point of time
- v. The 'Export to Excel' function allows to download a file that contains item master details

ITEM MASTER LIST		Search Criteria							Actions		
		Select All	All	Search Supplier...	Search RT Part # ...	Search OEM # ...	Search				
Total Items [2123]											
Display <select>50</select>											
01	02	03	04	05	06	07	08	09	10	LastPage>>	
Part Number	OEM Part Number	Description	Material Type	Supplier	Print Label						
PM/INV003	INV10003	Tools	Material	A.E. PETSCHE CO	Print	Edit	Copy				
PM/INV002	INV10002	Tools	Equipment	A.E. PETSCHE CO	Print	Edit	Copy				
PM/INV001	INV10001	Tools	Equipment	A.E. PETSCHE CO	Print	Edit	Copy				
RT090620141003	1003	TM-P	Perishable	TEAM TECHNOLOGY, THE BOEING COMPANY	Print	Edit	Copy				
RT090620141002	1002	TM-Euq	Equipment	SHIRDI INDUSTRIES, SIL-MID LIMITED	Print	Edit	Copy				
RT090620141001	1001	TM	Material	PENTONIC TECHNOLOGIES., PC PROCESS PRIVATE LIMITE	Print	Edit	Copy				
RT74A934324-5101	74A934324-5101	ROSSELL WIRE BUNDLE- CABLE ASSEMBLY, FORWARD FUSELAGE	Finished Goods		Print	Edit	Copy				
RT405025500007	MW-120	Test msp's	Raw Material	RADIANT TECHNOLOGY PTE LT	Print	Edit	Copy				
RT405025400006	9182	SPLICE (5M392-2)	Raw Material		Print	Edit	Copy				
RT405025300005	3480	SPLICE (5M392-2)	Raw Material		Print	Edit	Copy				
RT405025200004	34136	SPLICE (5M392-2)	Raw Material	A.E. PETSCHE CO, UNIVERSAL MODULAR SYSTEMS	Print	Edit	Copy				
RT405025300003	34137	SPLICE (5M392-2)	Raw Material	RADIANT TECHNOLOGY PTE LT	Print	Edit	Copy				
RT308003800054	D389	Circular CONNs	Raw Material	RADIANT TECHNOLOGY PTE LT	Print	Edit	Copy				

- vi. The 'Print' function allows to print barcode labels with the provided Part Number and enters required fields Mfg.Date, Exp.Date, Serial No., Batch No., Str.Ref.No., Req.No., Quantity and selects Printer, Label size

ITEM MASTER LIST						Item Master Supplier Location Management					
Select All		All		Search Supplier...		Search RT Part # ...		Search OEM # ...		Search	
Total Items [2123]											
Display 50 LastPage>>											
Part Number	OEM Part Number	Description		Material Type	Supplier	Print Label					
PM/INV003	INV10003	Tools		<div style="border: 1px solid #ccc; padding: 5px; width: 150px;"> Print Labels Part Number : PM/INV003 Item Description: Tools Mfg. Date: <input type="text"/> DC <input type="text"/> MN <input type="text"/> YY Exp. Date: <input type="text"/> DC <input type="text"/> MN <input type="text"/> YY Batch No: <input type="text"/> Serial No: <input type="text"/> Str.Ref.No: <input type="text"/> Req.No: <input type="text"/> Quantity: <input type="text"/> Printer: <input type="button" value="Select Printer"/> Label Size: <input checked="" type="radio"/> Big (7.6 x 5 cm) <input type="radio"/> Small (5 x 2.5cm) Box Label: <input checked="" type="checkbox"/> Need 1 additional label for the packing <input type="button" value="Print"/> <input type="button" value="Cancel"/> </div>		<input type="button" value="Print"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>			
PM/INV002	INV10002	Tools				<input type="button" value="Print"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>			
PM/INV001	INV10001	Tools				<input type="button" value="Print"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>			
RT090620141003	1003	TM-P				<input type="button" value="Print"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>			
RT090620141002	1002	TM-Euq				<input type="button" value="Print"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>			
RT090620141001	1001	TM				<input type="button" value="Print"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>			
RT74A934324-5101	74A934324-5101	ROSELL WIRE BUNDLE- CABLE ASSEMBLY, FORWARD FUSELAGE				<input type="button" value="Print"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>			
RT405025500007	MW-120	Test msp's				<input type="button" value="Print"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>			
RT405025400006	9182	SPICE (5M392-2)				<input type="button" value="Print"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>			
RT405025300005	3480	SPICE (5M392-2)				<input type="button" value="Print"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>			
RT405025200004	34136	SPICE (5M392-2)				<input type="button" value="Print"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>			
RT405025300003	34137	SPICE (5M392-2)				<input type="button" value="Print"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>			
RT308003800054	D389	Circular CONNs				<input type="button" value="Print"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>			

2.2.2. Item Master Request

[Link: Menu >> Master Data >> Item Master >> Item Master Request](#)

This feature allows the user to request a new item to be added into the Item Master, before using the item in any of the system transactions.

Item detailed data is further segregated into groups such as Basic data, Supplier Details, UoM Configuration, MSP's and Inward QC for its operations convenience.

The mandatory fields marked in red asterisk must be entered to create a new item request.

On creation of item, 'Status (IsApproved, IsActive)' should be updated by MMAdmin.

Functionality

On creation of new item following sections will be visible to update the required data

- i. Supplier Details: Allows to add supplier(s) for the material
- ii. UoM Configuration: Allows to configure UoM(s) for the material
 - Base UoM will be configured on selection of UoM type



- Once B.UoM is configured, besides B.UoM, system automatically adds Min. pick UoM in UoM type list with its UoM id, Qty. Per UoM same as B.UoM
 - UoM type lists only the pending unconfigured UoM types for this item master
- iii. Inward QC Details: Allows to configure QC Parameters for inward QC inspection
- iv. Revision History will be added feature for Semi-Finished Goods(SFG) and Finished Goods(FG)

Attachments: - Tech. Datasheets, Eng. Drawings, CoC and other significant documents can be attached for a given supplier without any limitation on the document nos.

ITEM MASTER REQUEST

Note: * Indicates mandatory fields

Basic Data																																													
RT Part Number : <input type="text" value="RT88A920-705"/> 1.0	Alternative Part# 1: <input type="text"/> Alternative Part# 2: <input type="text"/>																																												
* Plant: <input type="text" value="STR"/>	* RT Part Number: <input type="text" value="RT88A920-705"/>																																												
Material Type: <input type="text" value="FG - Finished Goods"/>	* Storage Condition: <input type="text" value="Container / Storage Bin"/>																																												
* Item Description [Short]: <input type="text" value="ROSSELL WIRE BUNDLE- CABLE ASSEMBLY, FORWARD FUSELAGE"/>																																													
Remarks : <input type="text"/>																																													
Revision History <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Revision</th> <th style="width: 10%;">Effective Date</th> <th>Description</th> <th>Delete</th> <th></th> </tr> </thead> <tbody> <tr> <td>1.0</td> <td>01/08/2014</td> <td></td> <td><input type="checkbox"/></td> <td>Edit</td> </tr> <tr> <td colspan="4"></td> <td>Delete</td> </tr> </tbody> </table>		Revision	Effective Date	Description	Delete		1.0	01/08/2014		<input type="checkbox"/>	Edit					Delete																													
Revision	Effective Date	Description	Delete																																										
1.0	01/08/2014		<input type="checkbox"/>	Edit																																									
				Delete																																									
Supplier Details <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Supplier Name</th> <th style="width: 10%;">Supplier Part #</th> <th style="width: 10%;">Currency</th> <th style="width: 10%;">Expected Unit Cost</th> <th style="width: 10%;">Planned Delivery Time (in Days)</th> <th style="width: 10%;">Initial Order Quantity</th> <th style="width: 10%;">Delete</th> <th style="width: 10%;"></th> </tr> </thead> <tbody> <tr> <td>BHANDARI ELECTRONICS AND ELECTRICAL</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><input type="checkbox"/></td> <td>Edit</td> </tr> <tr> <td colspan="7"></td> <td>Delete</td> </tr> </tbody> </table>		Supplier Name	Supplier Part #	Currency	Expected Unit Cost	Planned Delivery Time (in Days)	Initial Order Quantity	Delete		BHANDARI ELECTRONICS AND ELECTRICAL						<input type="checkbox"/>	Edit								Delete																				
Supplier Name	Supplier Part #	Currency	Expected Unit Cost	Planned Delivery Time (in Days)	Initial Order Quantity	Delete																																							
BHANDARI ELECTRONICS AND ELECTRICAL						<input type="checkbox"/>	Edit																																						
							Delete																																						
Unit of Measurement(UoM) Configuration		Data Capture Requirements /Others																																											
Decimal Inventory is enabled		Add UoM																																											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">UoM Type</th> <th style="width: 10%;">UoM</th> <th style="width: 10%;">Qty. Per UoM</th> <th style="width: 10%;">Delete</th> <th style="width: 10%;"></th> </tr> </thead> <tbody> <tr> <td>BUoM</td> <td>EA</td> <td>1.00</td> <td><input type="checkbox"/></td> <td>Edit</td> </tr> <tr> <td>MUoM</td> <td>EA</td> <td>1.00</td> <td><input type="checkbox"/></td> <td>Edit</td> </tr> <tr> <td colspan="4"></td> <td>Delete</td> </tr> </tbody> </table>		UoM Type	UoM	Qty. Per UoM	Delete		BUoM	EA	1.00	<input type="checkbox"/>	Edit	MUoM	EA	1.00	<input type="checkbox"/>	Edit					Delete	<div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> Material Storage Parameter <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><input checked="" type="checkbox"/> MfgDate</td> <td style="width: 50%;"><input type="checkbox"/> IsRequired</td> </tr> <tr> <td><input type="checkbox"/> ExpDate</td> <td><input type="checkbox"/> IsRequired</td> </tr> <tr> <td><input checked="" type="checkbox"/> SerialNo</td> <td><input type="checkbox"/> IsRequired</td> </tr> <tr> <td><input checked="" type="checkbox"/> BatchNo</td> <td><input checked="" type="checkbox"/> IsRequired</td> </tr> <tr> <td><input type="checkbox"/> Plant</td> <td><input type="checkbox"/> IsRequired</td> </tr> <tr> <td><input type="checkbox"/> StockType</td> <td><input type="checkbox"/> IsRequired</td> </tr> <tr> <td><input type="checkbox"/> CalibrationDate</td> <td><input type="checkbox"/> IsRequired</td> </tr> <tr> <td><input type="checkbox"/> CalibrationDueDate</td> <td><input type="checkbox"/> IsRequired</td> </tr> <tr> <td><input type="checkbox"/> OEMBatchNo</td> <td><input type="checkbox"/> IsRequired</td> </tr> </table> </div>						<input checked="" type="checkbox"/> MfgDate	<input type="checkbox"/> IsRequired	<input type="checkbox"/> ExpDate	<input type="checkbox"/> IsRequired	<input checked="" type="checkbox"/> SerialNo	<input type="checkbox"/> IsRequired	<input checked="" type="checkbox"/> BatchNo	<input checked="" type="checkbox"/> IsRequired	<input type="checkbox"/> Plant	<input type="checkbox"/> IsRequired	<input type="checkbox"/> StockType	<input type="checkbox"/> IsRequired	<input type="checkbox"/> CalibrationDate	<input type="checkbox"/> IsRequired	<input type="checkbox"/> CalibrationDueDate	<input type="checkbox"/> IsRequired	<input type="checkbox"/> OEMBatchNo	<input type="checkbox"/> IsRequired
UoM Type	UoM	Qty. Per UoM	Delete																																										
BUoM	EA	1.00	<input type="checkbox"/>	Edit																																									
MUoM	EA	1.00	<input type="checkbox"/>	Edit																																									
				Delete																																									
<input checked="" type="checkbox"/> MfgDate	<input type="checkbox"/> IsRequired																																												
<input type="checkbox"/> ExpDate	<input type="checkbox"/> IsRequired																																												
<input checked="" type="checkbox"/> SerialNo	<input type="checkbox"/> IsRequired																																												
<input checked="" type="checkbox"/> BatchNo	<input checked="" type="checkbox"/> IsRequired																																												
<input type="checkbox"/> Plant	<input type="checkbox"/> IsRequired																																												
<input type="checkbox"/> StockType	<input type="checkbox"/> IsRequired																																												
<input type="checkbox"/> CalibrationDate	<input type="checkbox"/> IsRequired																																												
<input type="checkbox"/> CalibrationDueDate	<input type="checkbox"/> IsRequired																																												
<input type="checkbox"/> OEMBatchNo	<input type="checkbox"/> IsRequired																																												
Inward QC Parameters Details																																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Parameter Name</th> <th style="width: 10%;">Min Tolerance</th> <th style="width: 10%;">Max Tolerance</th> <th style="width: 10%;">Is Required</th> <th style="width: 10%;">Delete</th> <th style="width: 10%;"></th> </tr> </thead> <tbody> <tr> <td>Accuracy</td> <td>23.00</td> <td>89.00</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Edit</td> </tr> <tr> <td colspan="5"></td> <td>Delete</td> </tr> </tbody> </table>								Parameter Name	Min Tolerance	Max Tolerance	Is Required	Delete		Accuracy	23.00	89.00	<input type="checkbox"/>	<input type="checkbox"/>	Edit						Delete																				
Parameter Name	Min Tolerance	Max Tolerance	Is Required	Delete																																									
Accuracy	23.00	89.00	<input type="checkbox"/>	<input type="checkbox"/>	Edit																																								
					Delete																																								
Item Dimensions																																													
Length (cm) : <input type="text"/>		Height (cm) : <input type="text"/>		Width (cm) : <input type="text"/>		Weight (kgs) : <input type="text"/>																																							
Sales View / Purchasing View																																													
Sales UoM: <input type="text" value="EA-each"/>		SUoM Qty: <input type="text" value="1.00"/>		Purchasing UoM: <input type="text" value="EA-each"/>		PUoM Qty: <input type="text" value="1.00"/>																																							
Material Requirement Planning (MRP)																																													
Reorder Point: <input type="text" value="0.00"/>		Reorder Qty Max: <input type="text" value="0.00"/>		Reorder Qty Min: <input type="text" value="0.00"/>		Maximum Stock Level: <input type="text" value="0.00"/>																																							
General Plant Data / Storage																																													
Storage Condition: <input type="text" value="Refrigerator"/>		Min Shelf Life in Days(while GR): <input type="text" value="0"/>		Total Shelf Life in Days: <input type="text" value="0"/>																																									
Accounting View																																													
UoM: <input type="text" value="EA-each"/>		Standard Price INR: <input type="text"/>		Pr UoM: <input type="text" value="EA-each"/>		Pr UoM Qty: <input type="text" value="1.00"/>																																							
Item Pictures																																													
Attach Picture File: <input type="button" value="Choose Files"/> <input type="text" value="No file chosen"/>		<div style="text-align: right; margin-bottom: 5px;"> Cancel Update Material </div> <div style="border: 1px solid #ccc; padding: 5px; background-color: #f2f2f2; margin-bottom: 5px;"> 1). application_services.jpg </div> <div style="border: 1px solid #ccc; padding: 2px; background-color: #f2f2f2; width: 100%;"> Start Upload </div>																																											
Supplier Attachments																																													
Supplier: <input type="text" value="BHANDARI ELECTRONICS"/>		Document Type: <input type="text" value="Image"/>																																											
<input type="button" value="Upload"/>		Drag & Drop Files																																											
<div style="border: 1px solid #ccc; padding: 5px; background-color: #f2f2f2; margin-top: 5px;"> 1). application_services.jpg </div>																																													

Business Rules:

MSP's

- “Default MSP’s will be updated based on default Material Type, MSP configuration”
(Ex: For Material Type ‘RM-Raw Material’ ,default MSP’s like Mfg. Date, Serial No., Batch No. will be set)
- If ‘Is Required’ checkbox is enabled then it must be a mandatory field in ‘Goods-IN’

UoM's

- If decimal inventory is allowed, then Qty. Per UoM of Base.UoM should be greater than the MinPick Qty. Per UoM else MinPick Qty. Per UoM should be greater
- UoM of B.UoM and Alt.UoM cannot be same
- If UoM of B.UoM and MinPick UoM are same then Alt.UoM's UoM should be different from the former
- If UoM of ‘Alt. UoM’s , MinPick are same’, then ‘Qty. Per UoM of Alt. UoM’s should be multiple of MinPick Qty. per UoM’(other than that qty)
- Once ‘Alt. UoM’s’ are configured, cannot edit ‘B.UoM, MinPick UoM’
- ‘B.UoM, MinPick UoM cannot be deleted’ until ‘Alt. UoM’s are deleted’
- UoM Types configured for an item cannot be edited/deleted, ‘once the GoodsMovement(IN/OUT) transaction is done’
- When item code is configured in PO/WO then cannot edit UoM, quantity but can add a new item
- Revision:
 - For material type as finished goods or semi-finished goods, revision exists
- Product Categories:
 - For material type as consumables, product category will be ‘class C’, and for remaining material types, product category will be ‘class A or class B’

Edit:

- Unable to update the ‘is active status’ as item is configured in PO/WO line item
- Unable to edit revision, as item with this revision is configured in BOM/Routing
- Unable to edit supplier details, as supplier is configured in PO/WO
- Unable to edit UoM, as this item with the selected UoM is configured in PO/WO and used for GoodsMovement(In/Out) transaction
- Unable to edit Inward QC details, as item with selected QC parameters is already used for GoodsMovement(In/Out) transaction, but can add new QC
- Unable to edit Item details, as the item is configured in PO/WO line item

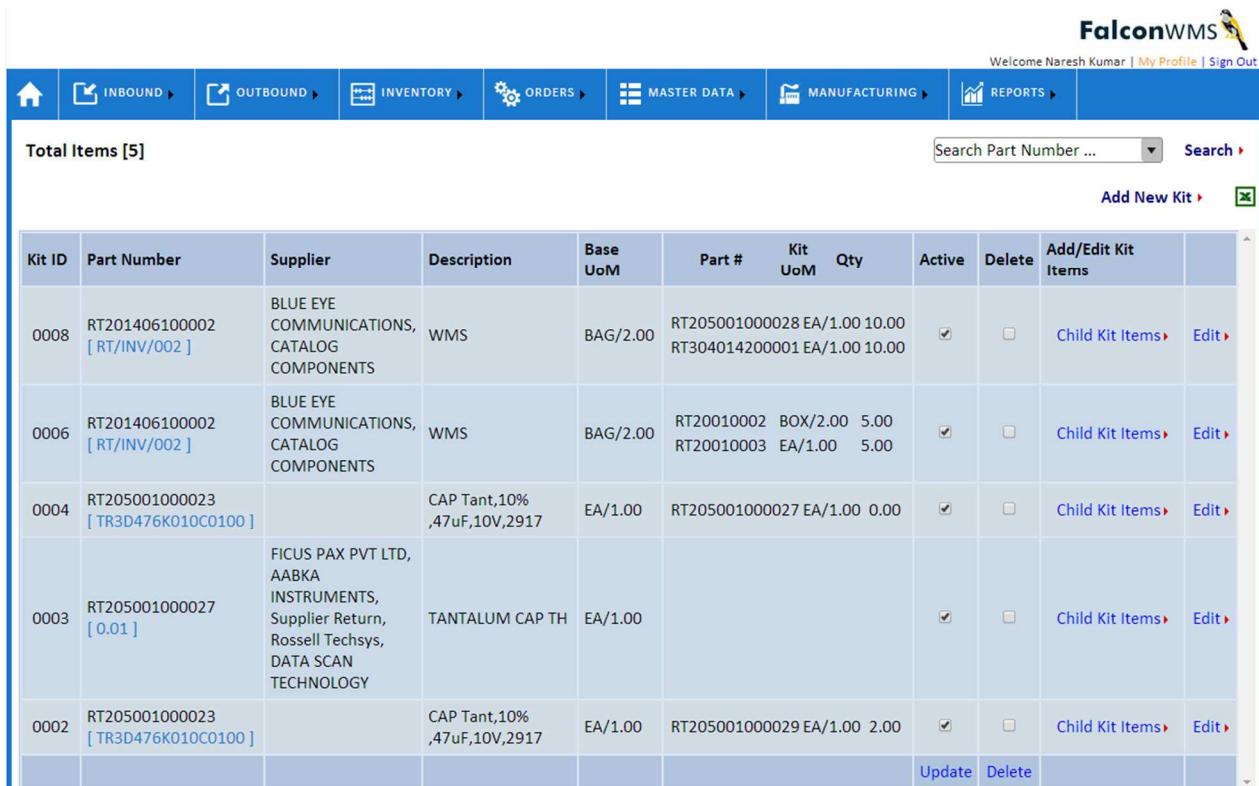
Copy:

- Duplicate Part Number is not allowed

2.2.3. Kit Planner

Link: Menu >> Master Data >> Item Master >> Kit Planner

System displays kit planner items with Kit ID, Part Number, Supplier, Item Description, Base UoM, Part #, Kit UoM, Qty and Supplier Information. Kit Planner provides Search, Edit, Add/Edit Kit Items and Export to Excel functions based on the user role.



Kit ID	Part Number	Supplier	Description	Base UoM	Part #	Kit UoM	Qty	Active	Delete	Add/Edit Kit Items
0008	RT201406100002 [RT/INV/002]	BLUE EYE COMMUNICATIONS, CATALOG COMPONENTS	WMS	BAG/2.00	RT205001000028 EA/1.00 10.00 RT304014200001 EA/1.00 10.00			<input checked="" type="checkbox"/>	<input type="checkbox"/>	Child Kit Items Edit
0006	RT201406100002 [RT/INV/002]	BLUE EYE COMMUNICATIONS, CATALOG COMPONENTS	WMS	BAG/2.00	RT20010002 BOX/2.00 5.00 RT20010003 EA/1.00 5.00			<input checked="" type="checkbox"/>	<input type="checkbox"/>	Child Kit Items Edit
0004	RT205001000023 [TR3D476K010C0100]		CAP Tant,10%,47uF,10V,2917	EA/1.00	RT205001000027 EA/1.00 0.00			<input checked="" type="checkbox"/>	<input type="checkbox"/>	Child Kit Items Edit
0003	RT205001000027 [0.01]	FICUS PAX PVT LTD, AABKA INSTRUMENTS, Supplier Return, Rossell Techsys, DATA SCAN TECHNOLOGY	TANTALUM CAP TH	EA/1.00				<input checked="" type="checkbox"/>	<input type="checkbox"/>	Child Kit Items Edit
0002	RT205001000023 [TR3D476K010C0100]		CAP Tant,10%,47uF,10V,2917	EA/1.00	RT205001000029 EA/1.00 2.00			<input checked="" type="checkbox"/>	<input type="checkbox"/>	Child Kit Items Edit
								Update	Delete	

Functionality

- i. The Items can be searched with a given Part Number
- ii. The 'Add New Kit' function allows add kit item to the list with the provided part number
- iii. The 'Edit' function provided in each of the item allows user to modify the Kit details
- iv. The 'Child Kit Items' function in the Add/Edit Kit Items column, system is prompted to list child items and also create child kit items with provided fields Part Number, Kit UoM / Qty., Qty.
 - a. The 'Add Child Kit' function allows to add child item to the select kit item
 - b. The 'Edit' function in each of the Kit items allows to modify the kit details. One or more child items with their basic details can be updated to the Parent. The user can cancel and delete either of these activities at any point of time.
- v. The 'Export to Excel' function allows to download a file that contains kit planner details

Kit ID	Part Number
0009	RT40502520004 [34136]
0008	RT20140610002 [RT/INV/002]
0006	RT20140610002 [RT/INV/002]
0004	RT205001000023 [TR3D476K010C01]
0003	RT205001000027 [0.01]

Add Child Kit Details

Kit Items

Part Number	Supplier	Description	Kit UoM / Qty	Qty	Delete	Add Child Kit ▶	
RT205001000028	FICUS PAX PVT LTD, ADITYA SYSTEMS, Rossell Techsys	TANTALUM CAP RADIAL	EA/1.00	10.00	<input type="checkbox"/>	Update	Cancel
RT304014200001 [34130]	ACU TEK SOLUTIONS & BLUE	SPICE (SM392-1)	EA/1.00	10.00	<input type="checkbox"/>	Edit ▶	
					<input type="checkbox"/>	Delete ▶	

TECHNOLOGY

Close 

Add/Edit Kit Items

Child Kit Items ▶ Edit ▶

Business Rules:

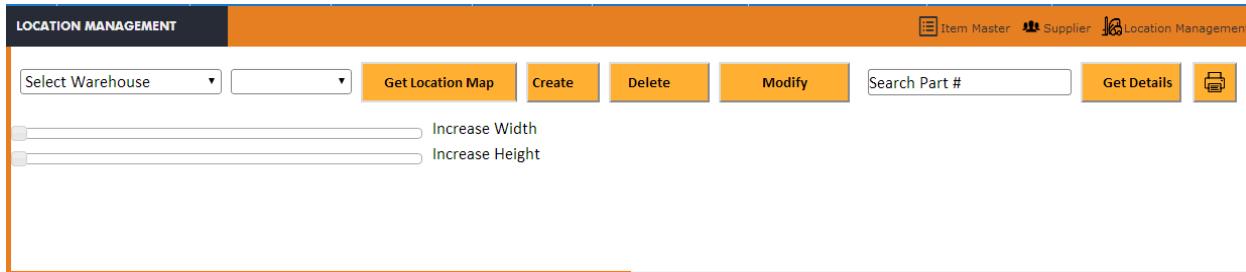
- Only the items with approved and active status, can be configured in kit planner and also will be available in the list
- On modifying an already configured kit parent, system will remap the child items to the newly entered parent material code
- Item configured in kit planner cannot be child to the same kit but can be a child item for another kit planner item
- If kit planner Item is configured in PO/WO line item, then cannot edit/delete the Item details
- Unable to update the active/delete status, as item is configured in PO/WO line item

2.3. Location Management

Link: [Menu >> Master Data >> Location Management >> Capacity Planner](#)

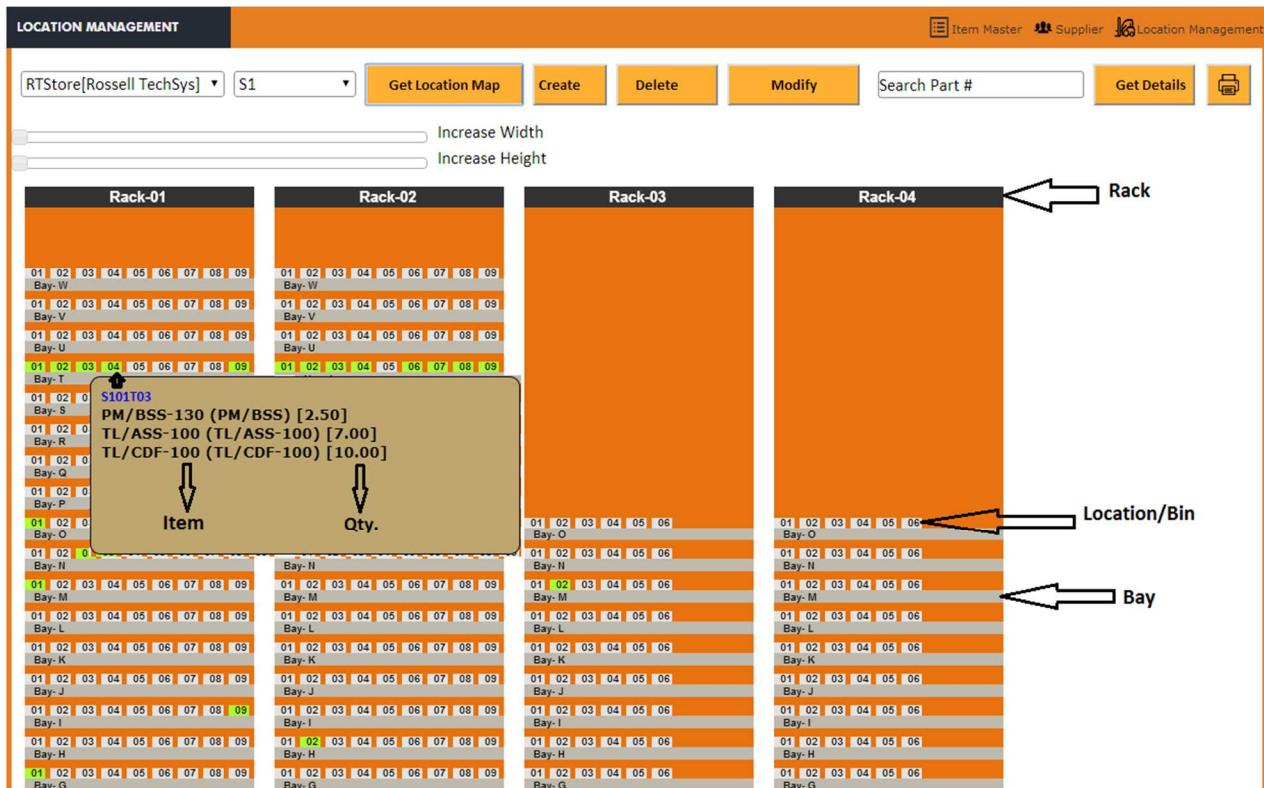
Interactive location management and warehouse zone floor map tool. Enables the warehouse operators to view the complete zone floor map from the last storage unit (locations/bins) to the highest classification (Racks) in its hierarchy in an interactive map. Operators can create, modify, and delete locations based on the business logic configured. Bulk Locations can also be created. Operators can search and plot locations based on the Item, Supplier and Department.

The following screen is used to manage the location(s) in a warehouse. User can get the location/Bin by selecting warehouse and Zone (Site code)

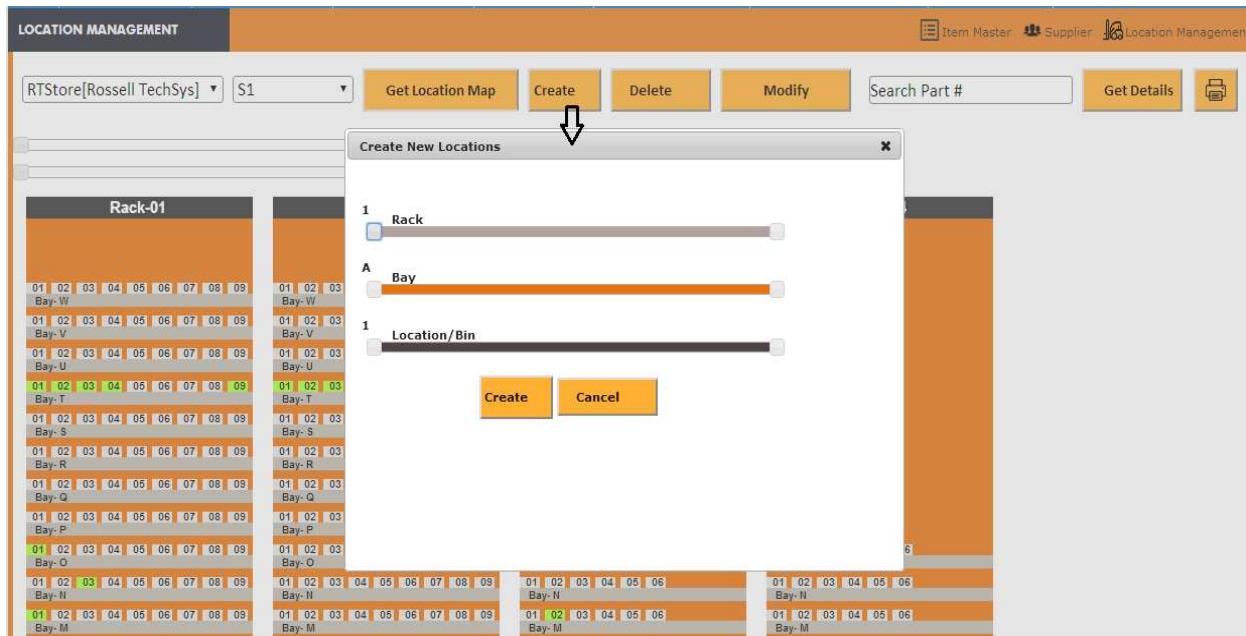


Functionality

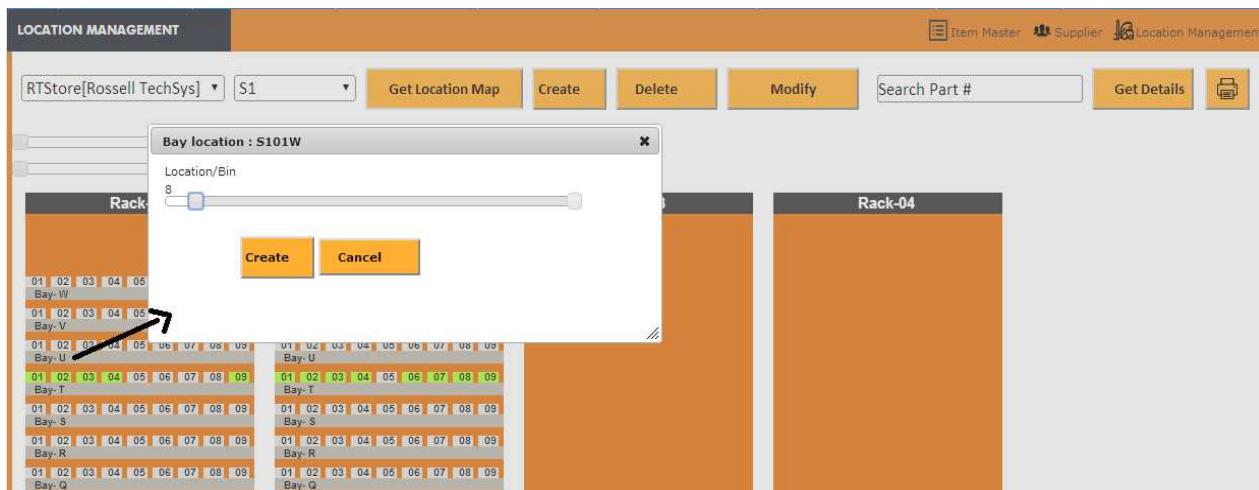
The following screen displays the locations on selection of warehouse and Zone having Rack, Bay and Location/Bin. (Ex: S101V01). This interactive tool help the user to view the Item and their quantities in a bay by placing the mouse pointer over the bin.



New Location: System creates new locations i.e., **Bulk locations** in a 'Warehouse' and its corresponding 'Zone (Site Code)' using slider selection of Rack, Bay and Location/Bin available as shown in the following figure.



System creates new location i.e., **Single Location** in a bay using slider selection of 'Location/Bin' available as shown in the following figure

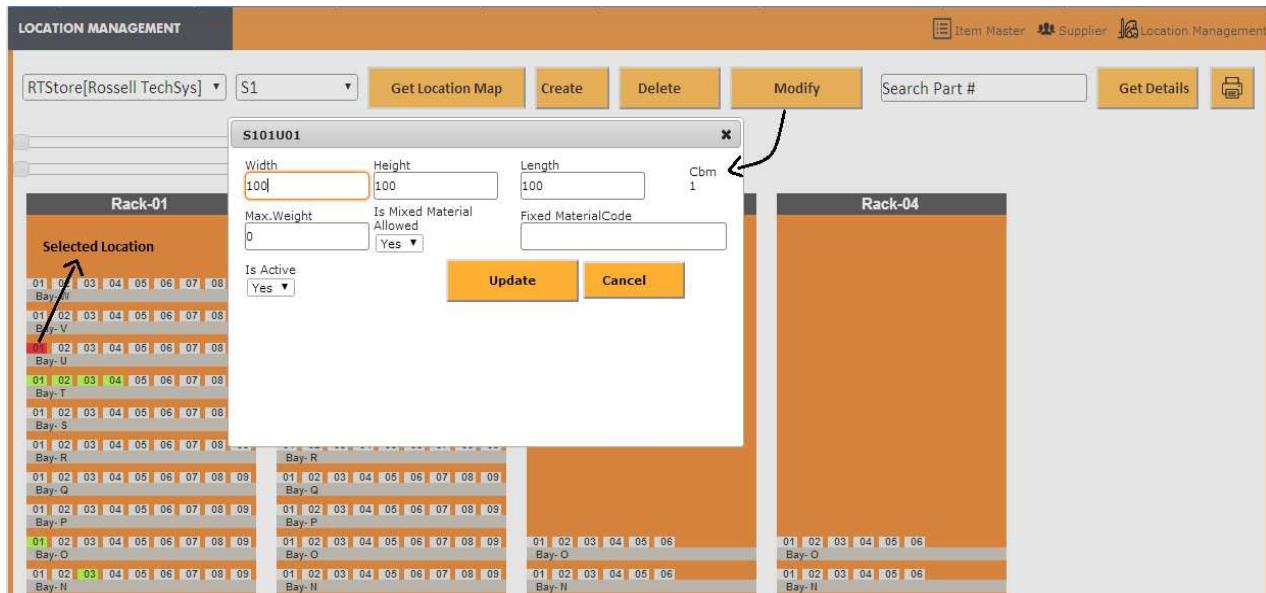


Delete: Allows to delete selected empty Location/Bin(s) in a Warehouse and its corresponding Zone (Site code)

Modify: Permits to view and modify the location details in separate pop-up as shown below, must select 'Is Mixed Material Allowed' and 'IsActive' to update the location details.

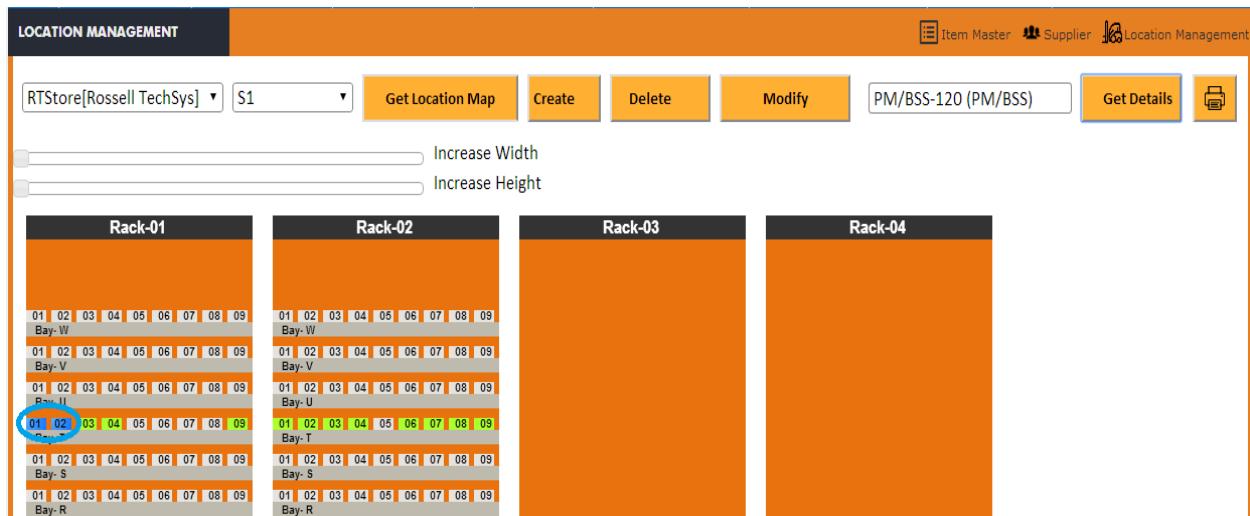
Once the Location/Bin details updated, the system terminates the screen.

*Note: Modify can happen only for a single location



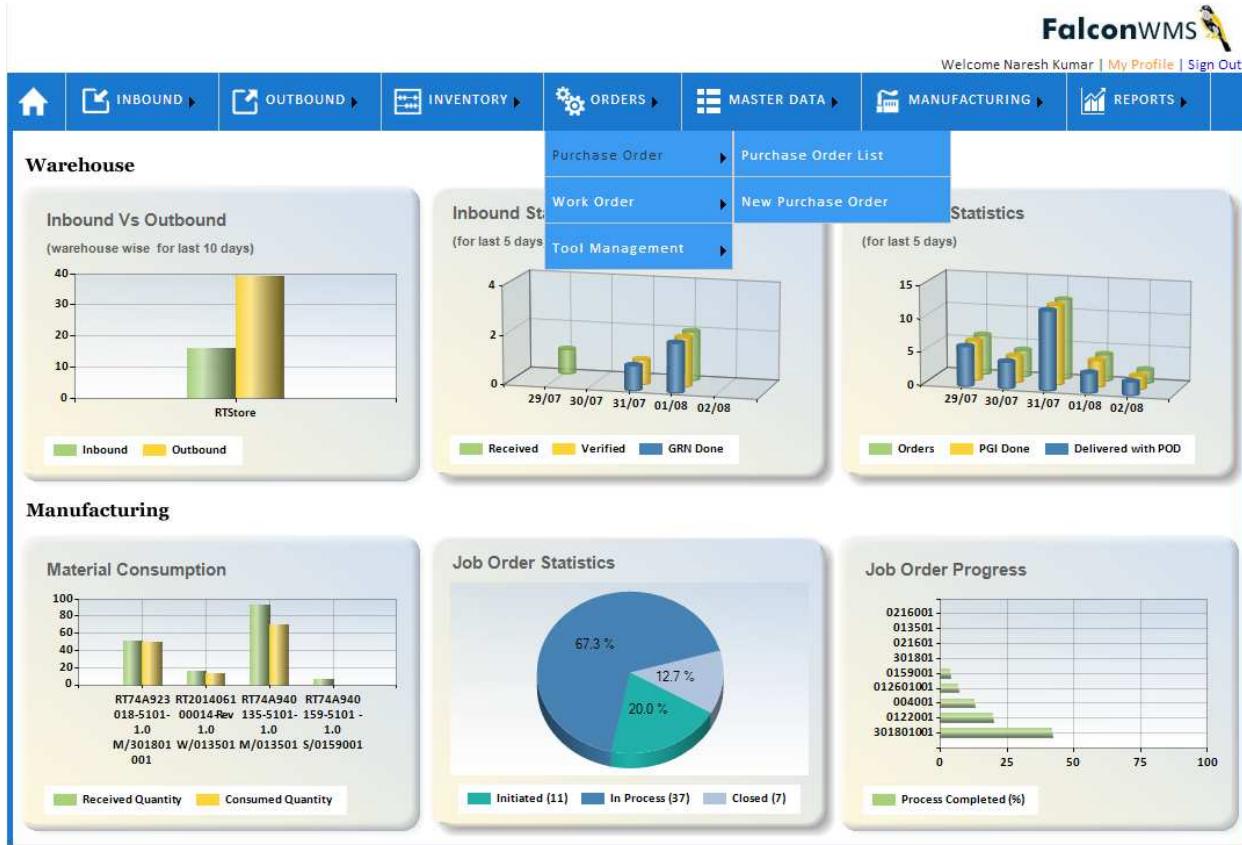
Search: System shows 'Location/Bin(s)' on selection of search category in a 'Warehouse' and its corresponding 'Zone (Site code)' as shown in the following screens

- Select Search Category >>Part Number
Locations will be highlighted in 'Blue' color with given part number



3. Orders

3.1. Purchase Order (PO)



3.1.1. Purchase Order List

[Link: Menu >> Orders >> Purchase Order >> Purchase Order List](#)

System displays purchase order list with PONumber, Supplier, PODate, Store Ref.No. and Status Information. Purchase Order List provides Search, Edit and Export to Excel functions based on the user role.

Functionality

- System allows to filter the PO's by selecting the 'PO Status' from dropdown
- The PO's can be searched with PO Number
- The 'Edit' function in PO List allows to modify the PO details with PO Number and Supplier fields as disabled
- The 'Export to Excel' function allows to download a file that contains purchase order details

PURCHASE ORDER LIST							
PO Status: <input type="button" value="Open"/> <input type="text" value="PO Number..."/> <input type="button" value="Search"/> <input type="button" value="X"/>							
PO Number	Supplier	Requested By	PO Date	Due Date	Store Ref. No.	Status	
RPRPO1400001 [3]	Rossell Techsys	Naresh	26/05/2014		RPRRTS1400001	Open	Edit
RCPO1400005 [1]	Supplier Return	Naresh	24/05/2014		RRTS1400005	Open	Edit
RCPO1400004 [1]	Supplier Return	Naresh	24/05/2014		RRTS1400004	Open	Edit
RCPO1400003 [1]	Supplier Return	Naresh	22/05/2014		RRTS1400003	Open	Edit
RCPO1400002 [1]	Supplier Return	Naresh	08/05/2014		RRTS1400002	Open	Edit
RCPO1400001 [2]	Supplier Return	Naresh	03/05/2014		RRTS1400001	Open	Edit
PO1400048 [6]	Rossell Techsys	Naresh	27/05/2014		RTS1400047	Open	Edit
PO1400047 [20]	Adlink	Naresh	27/05/2014		RTS1400038	Open	Edit
PO1400046 [2]	3M Connectors	Naresh	23/05/2014	30/05/2014	RTS1400045 RTS1400046	Open	Edit
PO1400045 [1]	TDK Corporation	Naresh	21/05/2014	10/06/2014	RTS1400028	Open	Edit

3.1.2. New Purchase Order

[Link: Menu >> Orders >> Purchase Order >> New Purchase Order](#)

This feature allows the user to request a new PO. PO Number is auto-generated control / can be externally generated.PO detailed data is further segregated into groups such as 'Material Details' and 'Supplier Invoice Details' for its operations convenience.

The mandatory fields marked in red asterisk must be entered to create a new PO request.

Functionality

On creation of new PO following sections will be visible to update the required data

- i. Material Details: Allows to add material(s) for the PO
- ii. Supplier Invoice Details: Allows to add supplier invoice for the created PO

Home Inbound ▶ Outbound ▶ Inventory ▶ Orders ▶ Master Data ▶ Manufacturing ▶ Reports ▶

Note: * Indicates mandatory fields

PO Header Details

* PO Number: <input type="text" value="PO1400060"/>	* PO Date: <input type="text" value="28/07/2014"/>	OPEN
* Supplier: <input type="text" value="STATIC SYSTEMS PVT LTD"/>	* PO Type: <input type="text" value="Planned Purchase Order"/>	
Total Value: <input type="text" value="9981.00"/>	Currency: <input type="text" value="Egypt Pounds"/>	Exchange Rate: <input type="text" value="132.70"/>
Date Requested: <input type="text" value="28/07/2014"/>	Date Due: <input type="text" value="29/08/2014"/>	PO Tax: <input type="text" value="16.70"/>
Instructions : <div style="border: 1px solid #ccc; height: 40px; margin-top: 5px;"></div>		
Remarks: <div style="border: 1px solid #ccc; height: 40px; margin-top: 5px;"></div>		

IsActive IsDeleted

Cancel Update

Material Details

Search Part Number...
Search
New Material

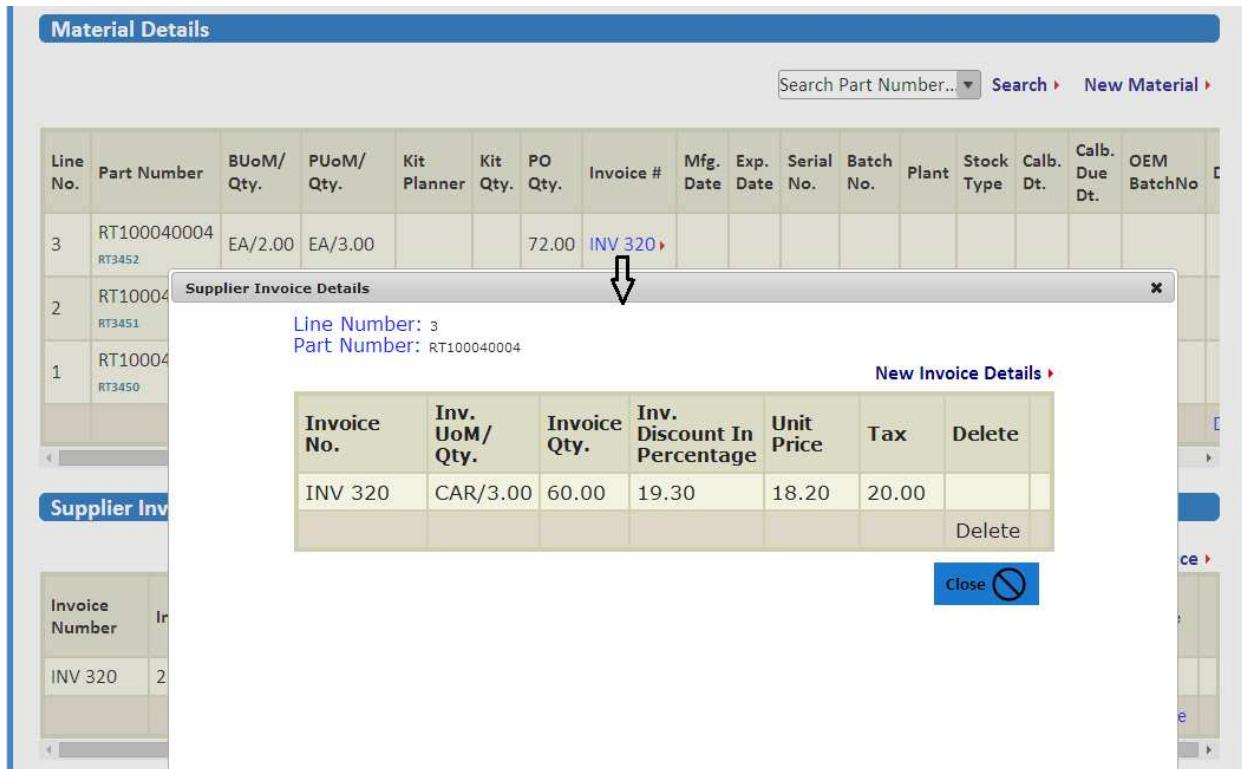
Line No.	Part Number	BUoM/ Qty.	PUoM/ Qty.	Kit Planner	Kit Qty.	PO Qty.	Invoice #	Mfg. Date	Exp. Date	Serial No.	Batch No.	Plant	Stock Type	Calb. Dt.	Calb. Due Dt.	OEM BatchNo
3	RT100040004 RT3452	EA/2.00	EA/3.00			72.00	INV 320									
2	RT100040003 RT3451	EA/1.00	BAG/2.00			70.00	INV 320									
1	RT100040002 RT3450	EA/1.00	EA/1.00			65.00	INV 320									

Supplier Invoice Details

New Invoice

Invoice Number	Invoice Date	Invoice Value	Currency	Inv. Country of Origin	Inv. VAT Code	Exchange	No. of Packages	Gross Weight	Net Weight	Delete
INV 320	28/07/2014	9917.00	EGP	Egypt	819 RJI	160.40	187	127.40	130.00	

- iii. Created supplier invoice should be configure in the invoice column in the material details as shown in following screen



The screenshot shows the FalconWMS Material Details screen. A modal dialog titled "Supplier Invoice Details" is open over the main grid. The grid lists three material rows: RT100040004 (Line No. 3), RT100040004 (Line No. 2), and RT100040004 (Line No. 1). The "Invoice #" column for Line No. 3 contains "INV.320". An arrow points from this cell to the "Supplier Invoice Details" dialog.

Supplier Invoice Details Dialog:

Invoice No.	Inv. UoM/ Qty.	Invoice Qty.	Inv. Discount In Percentage	Unit Price	Tax	Delete
INV 320	CAR/3.00	60.00	19.30	18.20	20.00	Delete

Buttons in the dialog:

- New Invoice Details (link)
- Close (button)

Business Rules:

PO Header

- Unable to update the active / delete status, as PO is configured in inbound
- Unable to edit, as line item in a PO is configured in inbound and is used for GoodsMovement(In/Out) transaction

Material Details

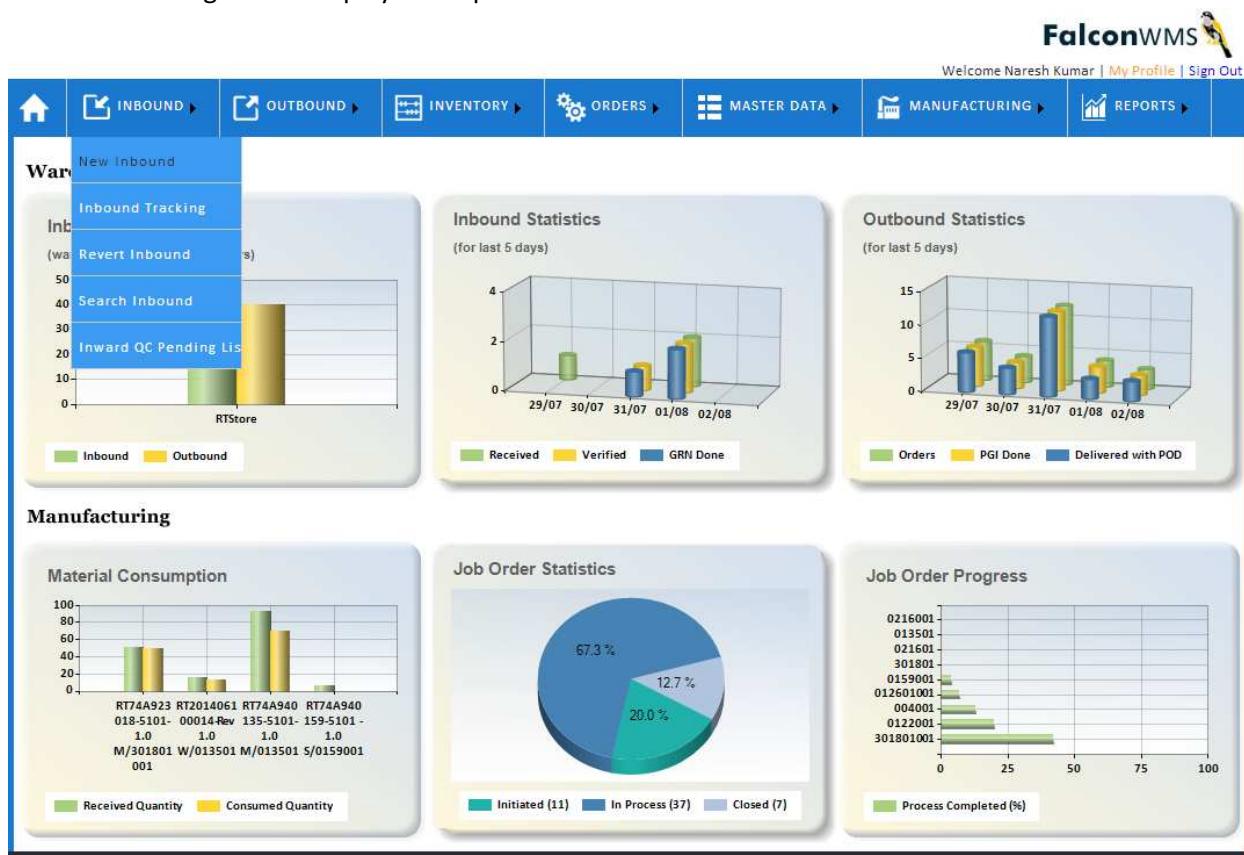
- Material list contains only the active materials with material type as raw materials
- P.UoM/Qty. or Inv.UoM/Qty. lists contains UoM types other than B.UoM
- Once GoodsMovement (In/Out) transaction is started, cannot 'Edit' and 'Delete' the material details
- Child kit items PO quantity should get updated along with parent kit items PO quantity, on selecting a 'material code with kit ID's' (Ex: for material code 'ERFXXXX', kit item with kit ID's '280' exists)
- PO quantity for kit items will be product of PO quantity of parent and child kit quantity

Supplier Invoice Details

- Composition of Supplier and Invoice number will be unique
 - * Duplicate invoice numbers are not allowed.
- Once GoodsMovement (In/Out) transaction is started, cannot 'Edit' and 'Delete' the supplier invoice details
- Multiple invoices will exists for a PO
- One invoice can exist for different PO's

4. Inbound

The following screen displays the options available with inbound feature of the FalconWMS



4.1. New Inbound

[Link: Menu >> Inbound >> New Inbound](#)

This feature allows the user to request a new inbound. Inbound details data is further segregated into groups such as Basic data, PO and Invoice Details, Shipment Expected Details, Shipment Received and Verification Details and GRN Details for its operations convenience.

The mandatory fields marked in red asterisk must be entered to create a new Inbound.

Functionality

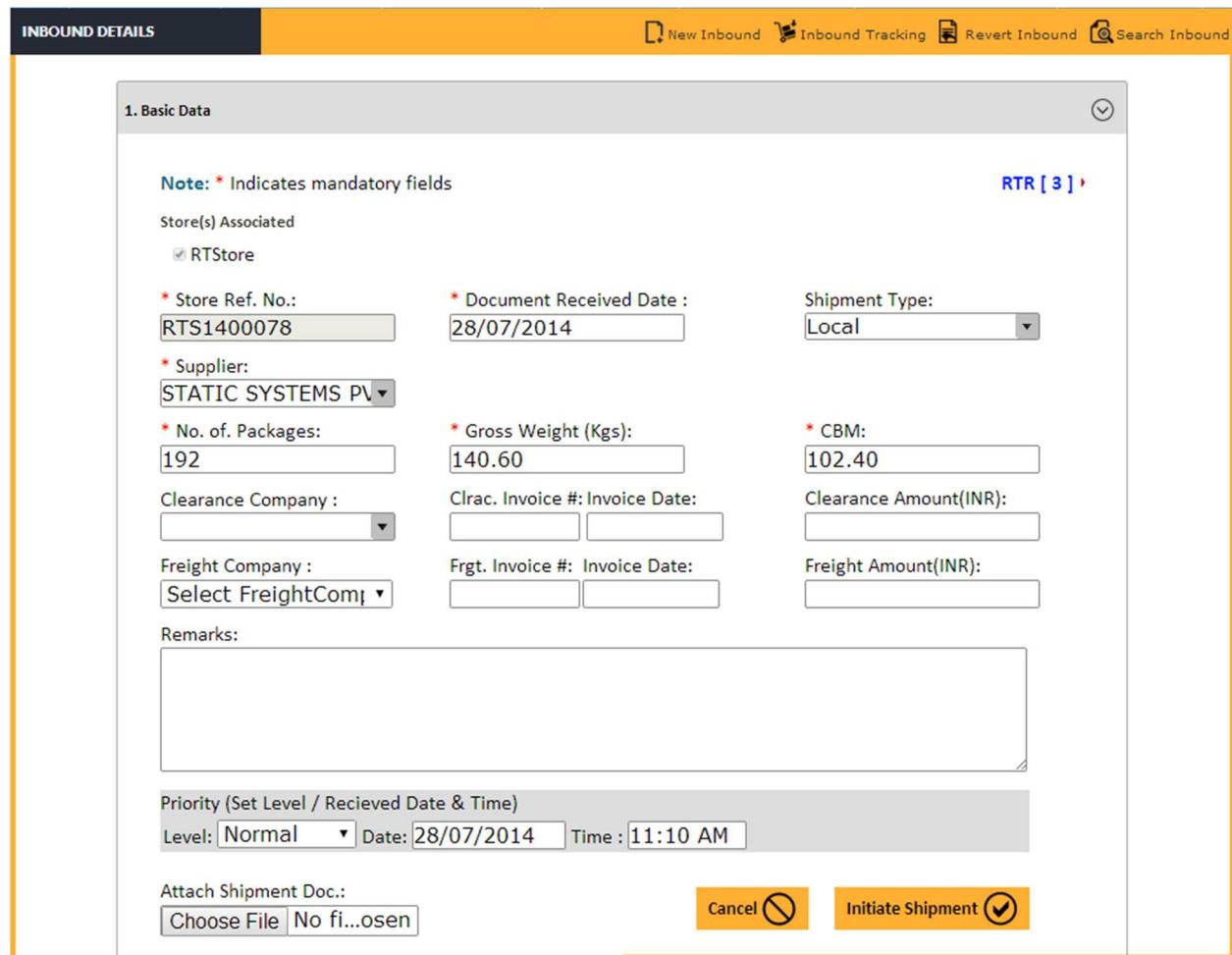
Initiate shipment

The store reference number is auto generated.

Attachments: - Tech. Datasheets, Eng. Drawings, CoC and other significant documents can be attached to an inbound shipment.

Once the shipment is initiated, the system displays the following message

"Successfully updated the inbound received data."



INBOUND DETAILS

1. Basic Data

Note: * Indicates mandatory fields

RTR [3]

Store(s) Associated

RTStore

*** Store Ref. No.:** RTS1400078 *** Document Received Date :** 28/07/2014 **Shipment Type:** Local

*** Supplier:** STATIC SYSTEMS PVT

*** No. of Packages:** 192 *** Gross Weight (Kgs):** 140.60 *** CBM:** 102.40

Clearance Company :

Freight Company : Select FreightCom

Remarks:

Priority (Set Level / Received Date & Time)

Level: Normal Date: 28/07/2014 Time: 11:10 AM

Attach Shipment Doc.:

Add PO and Invoice Details

PO/Invoice (PO No., Invoice No.) details will be updated based on the 'Supplier' during shipment initiation. Once PO/Invoice details are added to inbound shipment, "**Receiving Tally Report (RTR)**" will be generated. One or more invoices with their PO's can be attached to the shipment as shown in the following screen.

*Only active PO's with status as '**OPEN**' will be displayed in the PO Number list

2. PO and Invoice Details									
Add PO/Invoice ▶									
PO Number	Invoice#	PO Date	Invoice Value	PO Value	Inv Currency	Requested By	Line Items	Delete	
◀ PO1400048	◀ INV100	27/05/14		8271.00		Naresh	3	<input type="checkbox"/>	
◀ PO1400048	◀ INV101	27/05/14		8271.00		Naresh	3	<input type="checkbox"/>	
								Delete ▶	

Receiving Tally Report (RTR)

RECEIVING TALLY REPORT		Receiving Tally Report											
		New Inbound Inbound Tracking Revert Inbound Search Inbound											
Store Ref #: RTS1400065													
PO Line#	Part Number	PO #	Last Rcvd. Location	B.UoM/Qty.	I.UoM/ Qty.	Mfg. Date	Serial No.	Batch No.	Plant	Received Qty. / Inv. Qty.	QC Captured	Print Label	<input type="checkbox"/>
001	RT100020010 Test desc 	PO1400051	S101A02 S101A04 S101A07	EA/1.00	CAR/3.00					[24.00/24.00] [6.00/24.00] ▶		<input type="checkbox"/>	
002	OEM010 RT100020011 Test desc 	PO1400051	S107A04 S103M02	BOX/1.00	BAG/2.00					[28.00/28.00] [0.00/28.00] ▶		<input type="checkbox"/>	
													Print ▶

Functionality

- i. The Items can be searched with Part No.
- ii. The 'Print' function allows to print RTR with the provided Part Number and selects Printer, Label size

Shipment Expected

Shipment expected date will be updated with projected vehicle details (Vehicle Type) as shown below

3. Shipment Expected Details

Shipment Expected Date:	Projected Vehicle Details:									
28/07/2014	Add Projected Vehicle ▶									
Update ▶										
	<table border="1"> <thead> <tr> <th>Projected Vehicle</th> <th>Projected Value</th> <th>Delete</th> </tr> </thead> <tbody> <tr> <td>Crane 30 ton</td> <td>1</td> <td><input type="checkbox"/> Edit ▶</td> </tr> <tr> <td></td> <td></td> <td>Delete ▶</td> </tr> </tbody> </table>	Projected Vehicle	Projected Value	Delete	Crane 30 ton	1	<input type="checkbox"/> Edit ▶			Delete ▶
Projected Vehicle	Projected Value	Delete								
Crane 30 ton	1	<input type="checkbox"/> Edit ▶								
		Delete ▶								

Shipment Received Details

Shipment received details will be updated (Receiving Store, Shipment Received Date and Offloading Time) with Actual vehicle details (Vehicle Type) as shown below

4. Shipment Received and Verification Details

Received Details :	RTStore									
Receiving Store:	Add Actual Vehicle ▶									
RTStore										
Shipment Received Date: Offloading Time:	Actual Vehicle Details:									
28/07/2014 11:10 AM	Add Actual Vehicle ▶									
Cancel ▶ Receive ▶	<table border="1"> <thead> <tr> <th>Actual Vehicle</th> <th>Actual Value</th> <th>Delete</th> </tr> </thead> <tbody> <tr> <td>Forklift</td> <td>2</td> <td><input type="checkbox"/> Edit ▶</td> </tr> <tr> <td></td> <td></td> <td>Delete ▶</td> </tr> </tbody> </table>	Actual Vehicle	Actual Value	Delete	Forklift	2	<input type="checkbox"/> Edit ▶			Delete ▶
Actual Vehicle	Actual Value	Delete								
Forklift	2	<input type="checkbox"/> Edit ▶								
		Delete ▶								

Shipment Verification Details

View pending Good-In List displays materials with different invoice configured in PO.
 Shipment Verification details will be updated (verification date, attachment of verification sheet) only if Goods-IN process is completed.

4. Shipment Received and Verification Details

Received Details : RTStore

Receiving Store: RTStore

Shipment Received Date: Offloading Time: Actual Vehicle Details: [Add Actual Vehicle ▶](#)

24/07/2014 7:11 PM

[Cancel ▶](#) [Receive ▶](#)

Verification Details : RTStore

Has Discrepancy [View Pending Goods-IN List ▶](#)

Shipment Verification Date: 02/08/2014 Attach Verification Sheet : Choose File No fil...osen

Remarks:

Cancel Verify

Pending Goods-IN List ×

PO Line#	Part Number	Invoice#	PO Number	Invoice Qty.	Pending Qty.
1	RT10010001 [10010001]	INV 156	PO1400056	22.50	1.00
3	RT10030003 [10030003]	INV 166	PO1400056	21.00	18.00
3	RT10030003 [10030003]	INV 156	PO1400056	20.00	12.00

Has Discrepancy

If the shipment has discrepancies while receiving materials, user updates the system using the option provided in the 'Has Discrepancy' section. The screen below is used for updating the discrepancies.

The following screen opens up when the check box is enabled. The discrepancies are updated.

INBOUND DISCREPANCY FORM																																							
Supplier : STATIC SYSTEMS PVT LTD			Store Ref. # :			RRTS1400004																																	
Warehouse(s) # : RTStore			AWB/BL No.:																																				
No. of. Packages: 0			Packages physically Received :			<input type="text" value="5"/>																																	
Clearance Agent:			Date Received in Store:			24/05/2014																																	
Discrepancy Records: Add Discrepancy ▶ <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 10%;">Invoice#</th> <th style="width: 15%;">PO Number</th> <th style="width: 15%;">Part No.</th> <th style="width: 10%;">PO Line#</th> <th style="width: 10%;">Inv. UoM</th> <th style="width: 10%;">Invoice Qty.</th> <th style="width: 10%;">Received Qty.</th> <th style="width: 10%;">Damage</th> <th style="width: 10%;">Delete</th> <th style="width: 10%;">Edit ▶</th> </tr> </thead> <tbody> <tr> <td>INV 320</td> <td>PO1400060</td> <td>RT88A920-37</td> <td>1</td> <td>CAN/3.00</td> <td>20.00</td> <td>2.00</td> <td>Damaged</td> <td><input type="checkbox"/></td> <td>Edit ▶</td> </tr> <tr> <td colspan="10" style="text-align: right; padding-top: 5px;">Delete</td> </tr> </tbody> </table>										Invoice#	PO Number	Part No.	PO Line#	Inv. UoM	Invoice Qty.	Received Qty.	Damage	Delete	Edit ▶	INV 320	PO1400060	RT88A920-37	1	CAN/3.00	20.00	2.00	Damaged	<input type="checkbox"/>	Edit ▶	Delete									
Invoice#	PO Number	Part No.	PO Line#	Inv. UoM	Invoice Qty.	Received Qty.	Damage	Delete	Edit ▶																														
INV 320	PO1400060	RT88A920-37	1	CAN/3.00	20.00	2.00	Damaged	<input type="checkbox"/>	Edit ▶																														
Delete																																							
Checked By:			<input style="width: 150px; border: 1px solid #ccc; border-radius: 5px; padding: 2px 5px;" type="text" value="Admin"/> ▼																																				
Date:			<input style="width: 150px; border: 1px solid #ccc; border-radius: 5px; padding: 2px 5px;" type="text" value="28/07/2014"/>																																				
Sign: Verified By: <input style="width: 150px; border: 1px solid #ccc; border-radius: 5px; padding: 2px 5px;" type="text" value="ABC"/> Date: <input style="width: 150px; border: 1px solid #ccc; border-radius: 5px; padding: 2px 5px;" type="text" value="28/07/2014"/>																																							
Sign: Remarks : <div style="border: 1px solid #ccc; padding: 5px; min-height: 40px;"><input style="width: 100%; height: 100%;" type="text" value="verified, with dam n dscprnc"/></div>																																							
Cancel Verify 																																							

Discrepancy details will be updated for materials which are damaged /discrepancy while Goods-IN with the related Invoice and PO.

GRN Update

On successful verification of shipment, GRN will be updated (Invoice based).

*For discrepancy shipments, GRN cannot be updated

5 . GRN Details					
Add GRN ▶					
PO Number	Invoice#	GRN Number	UpdatedBy	GRN Date	
◀ PO1400048	◀ INV100	9187	Admin	27/05/2014	Edit▶
◀ PO1400048	◀ INV101	7152	Subbu	27/05/2014	Edit▶

Business Rules:

Initiate Shipment

- To initiate a shipment, supplier should have open 'PO's'
- If PO status is closed then shipment cannot be initiated

Shipment Received and Verification Details

- Unless the Goods-IN is done for all the line items in the receiving tally report(RTR), system should not allow to update the shipment verification
- System displays the pending list for partially received materials
- Once PO/Invoice details are mapped to Inbound, then cannot update the shipment details
- One Inbound can have any number of PO's
- PO mapped to one inbound can be mapped to other inbound with different invoice number
- Shipment cannot be received without invoice/PO details
- Once shipment is 'received' cannot edit/delete the 'invoice' details
- The inbound status changes only after processing the last warehouse assigned to the doc.
- **Process Flow for Inbound:**

Shipment Initiated, Shipment Expected, Shipment Received, Goods-IN, Shipment Verified, GRN Update

4.2. Inbound Tracking

[Link: Menu >> Inbound >> Inbound Tracking](#)

Once the inbound is successfully updated in the system, the initiator can view the shipments in-transit, shipment expected, shipment in process, GRN Pending, Discrepancy shipments.

Functionality

Export to excel

- i. The store reference number allows to download a file that consists of the details of the inbound/shipment
- ii. The change option in each of the grids allows to modify the shipment details.

The following screen displays the shipment details in the respective states.

INBOUND TRACKING

[!\[\]\(130954a57a6d075380c15233368597de_img.jpg\) New Inbound](#) [!\[\]\(b6654a490420d340f211057f3715bb8a_img.jpg\) Inbound Tracking](#) [!\[\]\(2e7f08cd29da520526a4c1555badf546_img.jpg\) Revert Inbound](#) [!\[\]\(fa0434c4611c9145f9092d5ee0d0124f_img.jpg\) Search Inbound](#)

[Collapse All ▾](#) [Expand All ▾](#)

Shipments In Transit [5]

Store Ref. #	Shipment Type	Doc.Recvd. Date	Supplier	Clearance Agent	Store(s)	RTR	
RRTS1400001	Returns	03/05/14	Supplier Return		RTStore	RTR [2]	Change ▾
RTS1400018	Local	02/05/14	Adlink	Al Ghussain	RTStore	RTR [2]	Change ▾
RTS1400015	Import	02/05/14	3M Connectors	Al Ghussain	RTStore	RTR [2]	Change ▾
RTS1400010	Import	02/05/14	Advantech	Maha Abbas	RTStore	RTR [2]	Change ▾
RTS1400007	Local	02/05/14	Adesto Technologies	ALGHANIM	RTStore	RTR [0]	Change ▾

Shipment Expected [2]

Store Ref.#	Shipment Type	Doc.Recvd. Date	Shipment Expected	Supplier	Store(s)	No. of Packages	Gross Weight	Projected Vehicles	Status	RTR	
RTS1400016	Import	02/05/14	02/05/14	Abracan Corp.		90	23.00		Shipment Expected	RTR [2]	Change ▾
RTS1400009	Local	02/05/14	02/05/14	Adlink		45	23.00		Shipment Expected	RTR [2]	Change ▾

Shipments In Process [14]										
<input type="text" value="Search Store Ref. # ..."/> <input type="button" value="Search"/> <input checked="" type="checkbox"/>										
Store Ref. #	Shipment Type	Doc.Rcv.Dt.	Shipment Exp. Dt.	Ship.Rcv.Dt.	Supplier	Store(s)	Status	RTR		
RPRRTS1400001	Returns	26/05/14	26/05/14	26/05/14	Rossell Techsys	RTStore [Received]	Shipment Received	RTR [3]	Change▶	
RRTS1400005	Returns	24/05/14	24/05/14	24/05/14	Supplier Return	RTStore [Received]	Shipment Received	RTR [1]	Change▶	
RTS1400044	Import	17/05/14	19/05/14	19/05/14	3M Connectors	RTStore [Received]	Shipment Received	RTR [4]	Change▶	
RTS1400043	Local	17/05/14	20/05/14	20/05/14	3M Connectors	RTStore [Received]	Shipment Received	RTR [1]	Change▶	
RTS1400042	Import	17/05/14	17/05/14	17/05/14	Radiall	RTStore [Received]	Shipment Received	RTR [3]	Change▶	
RTS1400040	Import	16/05/14	17/05/14	16/05/14	Adlink	RTStore [Received]	Shipment Received	RTR [6]	Change▶	
RTS1400035	Import	14/05/14	24/05/14	24/05/14	Namtech	RTStore [Received]	Shipment Received	RTR [3]	Change▶	
RRRTS1400002	Returns	08/05/14	08/05/14	08/05/14	Supplier Return	RTStore [Received]	Shipment Received	RTR [1]	Change▶	
RTS1400022	Local	02/05/14	03/05/14	13/05/14	Agilent Technologies	RTStore [Received]	Shipment Received	RTR [2]	Change▶	
RTS1400017	Local	02/05/14	02/05/14	02/05/14	Adesto Technologies	RTStore [Received]	Shipment Received	RTR [2]	Change▶	
1 2										
GRN Pending [1]										
<input type="text" value="Search Store Ref. # ..."/> <input type="button" value="Search"/> <input checked="" type="checkbox"/>										
Store Ref. #	Shipment Type	Doc.Rcv.Dt.	Ship.Rcv.Dt.	Ship.Verf.Dt.	Supplier	Store(s)	Status	RTR		
RTS1400020	Local	02/05/14	03/05/14	03/05/14	Adlink	RTStore [Verified]	GRN Pending	RTR [2]	Change▶	
Discrepancy Shipments [1]										
<input type="text" value="Search Store Ref. # ..."/> <input type="button" value="Search"/> <input checked="" type="checkbox"/>										
Store Ref. #	Shipment Type	Doc.Rcv.Dt.	Ship.Rcv.Dt.	Supplier	Store(s)	Status	RTR			
RRRTS1400004	Returns	24/05/14	24/05/14	Supplier Return	RTStore [Verified]	GRN Pending	RTR [1]	Change▶		

4.3. Revert Inbound

Link: Menu >> Inbound >> Revert Inbound

The Revert inbound screen lets the initiator revert to the previous state of shipment search by store ref. no.

The inbound process reversal lets the initiator and store manager to revert the shipment status. The most common status of the shipment are GRN Update, Receipt Conformation, Shipment Received and Shipment Expected. Shipment can be closed only when the shipment is in initiate status.

REVERT INBOUND											
 New Inbound Inbound Tracking Revert Inbound Search Inbound											
<input type="text" value="Search Store Ref.#..."/> <input type="button" value="Search ▶"/>											
Store Ref. #:	Shipment Type	Doc.Rec. Date	Shipment Expected Date	Shipment Received Date	Receipt Confirm. Date	Supplier	Store	Status	Revert GRN	Close	
RTS1400047	Local	27/05/14 	27/05/14 	27/05/14 	27/05/14 	Rossell Techsys	RTStore [Verified]	GRN Updated			2
RPRRTS1400001	Returns	26/05/14 	26/05/14 	26/05/14 		Rossell Techsys	RTStore [Received]	Shipment Received			
RRTS1400005	Returns	24/05/14 	24/05/14 	24/05/14 		Supplier Return	RTStore [Received]	Shipment Received			
RRTS1400004	Returns	24/05/14 	24/05/14 	24/05/14 	29/05/14 	Supplier Return	RTStore [Verified]	GRN Pending			
RTS1400046	Import	23/05/14 	23/05/14 	23/05/14 	24/05/14 	3M Connectors	RTStore [Verified]	GRN Updated			
RTS1400045	Import	23/05/14 	23/05/14 	23/05/14 	24/05/14 	3M Connectors	RTStore [Verified]	GRN Updated			
RRTS1400003	Returns	22/05/14 	22/05/14 	22/05/14 	22/05/14 	Supplier Return	RTStore [Received]	GRN Updated			
RTS1400044	Import	17/05/14 	19/05/14 	19/05/14 		3M Connectors	RTStore [Received]	Shipment Received			
RTS1400043	Local	17/05/14 	20/05/14 	20/05/14 		3M Connectors	RTStore [Received]	Shipment Received			
RTS1400042	Import	17/05/14 	17/05/14 	17/05/14 		Radiall	RTStore [Received]	Shipment Received			
RTS1400041	Local	16/05/14 	22/05/14 	22/05/14 	23/05/14 	Master Instrument Corporation	RTStore [Verified]	GRN Updated			

Functionality

- I. The shipments can be searched with Store Ref. No.

Business Rule

- Revert shipment expected occurs only after revert shipment verified, revert shipment received is done
- Shipment gets closed only when the shipment status is ‘initiated’
- Once Goods-Out process is started, cannot revert the GRN
- On revert of shipment, status will be changed

4.4. Search Inbound

Link: Menu >> Inbound >> Search Inbound

The shipments can be searched within a given date range and other parameters as shown below

INBOUND REPORTING															Actions			
															New Inbound	Inbound Tracking	Revert Inbound	Search Inbound
From Date:	To Date:	Store:	Shipment Type:	Shipment Status:														
<input type="text"/>	<input type="text"/>	Select Warehouse	All	All														
Search Text:	Category:																	
<input type="text"/> Search...	All		Search ▶															
Total Items [52]																		
Store Ref. #	Shipment Type	Doc.Rcvd.Dt.	Ship.Rcv.Dt. / Offload Time	Verified Dt.	Supplier	Clearance Comp.	Store(s)	Invoice #	GRN #	GRN DoneBy	Status	RTR	Modify	1	2			
RTS1400022	Local	02/05/14	13/05/14 05:44 PM		Agilent Technologies	Al Ghussain	RTStore [Received]	INV18			Shipment Received	RTR [2]	Change ▶					
RTS1400021	Local	02/05/14	03/05/14 04:26 PM	03/05/14	Advantech	Al Ghussain	RTStore [Verified]	INV17	876		GRN Updated	RTR [2]	Change ▶					
RTS1400020	Local	02/05/14	03/05/14 10:05 AM	03/05/14	Adlink	ALGHANIM	RTStore [Verified]	INV16			GRN Pending	RTR [2]	Change ▶					
RTS1400019	Import	02/05/14	08/05/14 03:55 PM	01/01/00	Amphenol	ALGHANIM	RTStore [Verified]	INV10	25398		GRN Updated	RTR [2]	Change ▶					
RTS1400018	Local	02/05/14			Adlink	Al Ghussain		INV15			Initiated	RTR [2]	Change ▶					
RTS1400017	Local	02/05/14	02/05/14 07:21 PM		Adesto Technologies	ALGHANIM	RTStore [Received]	INV14			Shipment Received	RTR [2]	Change ▶					
RTS1400016	Import	02/05/14			Abracan Corp.	Al Ghussain		INV13			Shipment Expected	RTR [2]	Change ▶					
RTS1400015	Import	02/05/14			3M Connectors	Al Ghussain		INV12			Initiated	RTR [2]	Change ▶					

Functionality

- i. The category and search text fields go together. For instance, if the user wants to search shipments based on PO number, the search text is to be entered. Likewise, if the user wants date based searches of the shipments, the 'From Date' field on the screen turns mandatory.
- ii. The store(s) column of the screen shows the status (received, verify etc.)
- iii. The status(s) column of the screen shows the status (Initiated, Received, Verify, GRN etc.)
- iv. The change option in each of the grids allows to modify the shipment details

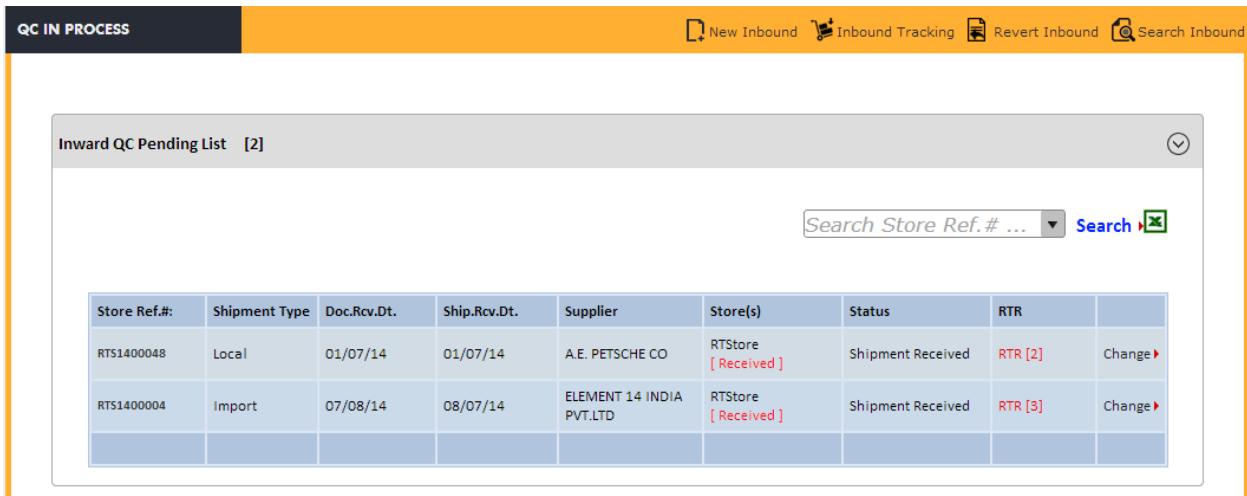
4.5. Inward QC Pending List

Link: Menu >> Inbound >> Inward QC Pending List

The following screen displays the shipment which are in Inward QC Pending details in the **Functionality**

Export to excel

- i. The store reference number allows to download a file that consists of the details of the inbound/shipment
- ii. The change option in each of the grids allows to modify the shipment details.

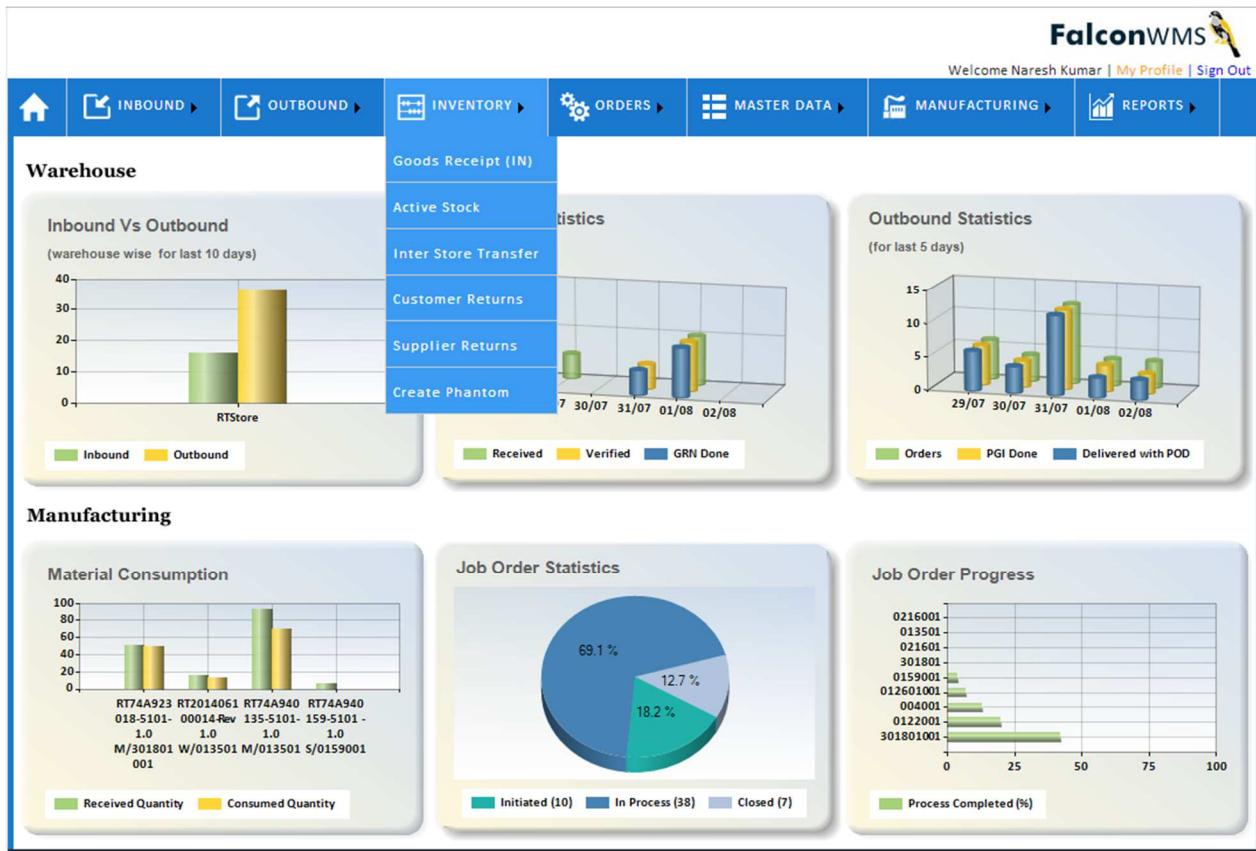


Store Ref.#:	Shipment Type	Doc.Rcv.Dt.	Ship.Rcv.Dt.	Supplier	Store(s)	Status	RTR	
RTS1400048	Local	01/07/14	01/07/14	A.E. PETSCH CO	RTStore [Received]	Shipment Received	RTR [2]	Change▶
RTS1400004	Import	07/08/14	08/07/14	ELEMENT 14 INDIA PVT.LTD	RTStore [Received]	Shipment Received	RTR [3]	Change▶

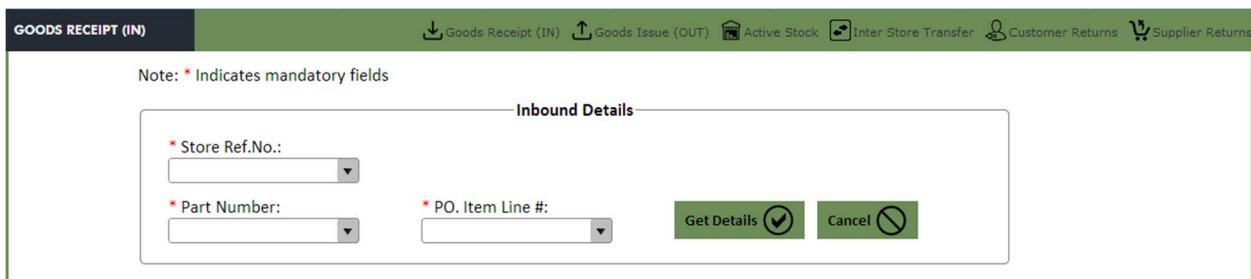
5. Inventory

5.1. Goods Receipt (IN)

Link: Menu >> Inventory >> Goods Receipt (IN)



The Goods Receipt (IN) can be searched with a given parameters (Store Ref.No., Part Number, PO Item Line#) as shown in below screen



This screenshot shows the search interface for Goods Receipt (IN). It includes a note about mandatory fields and a search form with dropdown menus for Store Ref.No., Part Number, and PO. Item Line #. Buttons for 'Get Details' and 'Cancel' are also present.

Functionality

- Based on the given parameters, 'details' option used to get the receive data of material with Item Details as shown in below screen

Item Details

Description:	Inv.UoM/Qty :	Inv.Qty:
TWINAX, 75E, 26 GA	FT/1.00	653.00
Base UoM/Qty:	M.UoM/Qty :	PO. UoM/ Qty:
FT/1.00	FT/1.00	FT/1.00
Conversion Factor to BUoM :	Total Receiving Qty in BUoM :	
1	653.00	
* Quantity Received:	<input type="checkbox"/> Is Damaged <input type="checkbox"/> Has Discrepancy <input type="checkbox"/> Is Positive Recall	
*Batch No.:	<input type="text"/>	
* Location Putaway:	<input type="text"/>	
Remarks:	<input type="text"/>	

Is Print Required

- ii. The mandatory fields marked in red asterisk must be entered to receive an item (Quantity, Material related MSP's, Location)

Item Details

Description: Plastic tape	Inv.UoM/Qty : BOX/0.10	Inv.Qty: 20.00									
Base UoM/Qty: EA/1.00	M.UoM/Qty : BAG/0.50	PO. UoM/ Qty: BAG/0.50									
Conversion Factor to BUoM : 0.05	Total Receiving Qty in BUoM : 1.00										
* Quantity Received: <input type="text"/>	<input type="checkbox"/> Is Damaged <input type="checkbox"/> Has Discrepancy <input type="checkbox"/> Is Positive Recall										
Mfg. Date: <input type="text"/>	Serial No.: <input type="text"/>										
Batch No.: <input type="text"/>											
* Location Putaway: <input type="text"/>											
Remarks: <input type="text"/>											
<input checked="" type="checkbox"/> Is Print Required <input style="border: 1px solid #ccc; padding: 2px 10px; margin-right: 10px;" type="button" value="Select Printer"/> <input style="background-color: #669933; color: white; border: 1px solid #669933; padding: 2px 10px;" type="button" value="Receive"/>											
Location	Is Dam.	Has Disc.	QC Non Conf.	Posi. Recall	As Is	Quantity	Mfg. Date	Serial No.	Batch No.	QC Capture	Delete
S101A04						1.00	02/08/2014			QC Captured	<input type="checkbox"/>
S101A04						1.00	02/08/2014	2014846	4712147	QC Pending	<input type="checkbox"/>
						Sum : 2.00					Delete

- iii. The 'Receive' option in the above screen allows the user to update the Item is Damaged / Item has discrepancy with Expiry date and other relevant information as shown above
- iv. User can cancels and deletes either of these activities at any point of time
- v. **Capture QC Parameters:** System displays pop-up to capture QC
 - a. QC Parameters configured in item master will be visible
 - b. User with user role as "QC" can update the Inward QC parameters
 - c. For each received quantity, QC Parameters should be captured and a QC Ref. No .will be generated (QC Ref.No.: GoodsMovementDetailsID-Sequence No.)
 - d. Bulk QC feature allows to capture the QC's by providing the quantity and range of QC at once
 - e. Parameter values to be entered based on the range to capture QC

- f. Non-Conformity occurs, for values which are not in range / within range and will be captured in locations ('Q') and for 'As Is', non-conformity locations need not be selected
- g. Non-Conformity with 'As IS' condition with remarks will allow the user to capture the QC's without any discrepancy

Quality Check Parameter Capturing

Location	: S101A01
Is Damaged	: No
Has Discrepancy	: No
As Is	: No
Is Non Conformity	: No

QC Serial No.	QC Quantity	Select All
<input type="radio"/> 20615-1	2.00	<input type="checkbox"/>
<input type="radio"/> Pending Quantity	2.00	<input type="checkbox"/>
		Delete

QC Completed Qty.: 2.00 QC Total Qty.: 4.00

QC Ref. No. :

Bulk QC Quantity:

Frequency:[24.00-96.00]
 Is Range

Is Non-Conformity

Non-Conformity Location:

Close 
Capture QC Parameters 

Receive 

QC Capture	Delete
QC Captured  <input type="checkbox"/>	<input type="button" value="Delete"/>
QC Pending  <input type="checkbox"/>	<input type="button" value="Delete"/>

Business Rules

- If 'shipment is not received', cannot perform 'Goods-IN'
- 'Expired Items' cannot be received
- Total receiving quantity should not exceed invoice quantity
- If 'Damaged checkbox is enabled' then automatically 'Discrepancy checkbox gets enabled'
- Goods IN cannot be done, if shipment is verified
- If the MSP's configured in PO differ from the MSP's while receiving, then Goods-In will be done but will be considered as discrepancy items
- Receiving quantity should always be 1,for serial no. as an MSP
- For a customer return type inbound, expired items should be received

- Total Receiving Qty = 'Inv. Qty * C.F to B.UoM'
- Received quantity should be greater than M.Pick qty., and should be multiple of BUoM qty. (received value will be multiplied by C.F and value should be multiple of BUoM qty.)
- Bulk qty should not be greater than captured qty
- For damaged and discrepancy items, 'As Is' flag gets enabled automatically and their quantities can also be captured
- For items within the range, non-conformity can occur
- If positive recall exists for a material, QC parameters need not be captured

6. Orders

6.1. Work Order (WO)



6.1.1. Work Order List

Link: [Menu >> Orders >> Work Order >> Work Order List](#)

System displays work order list with WO Ref.#, Customer, Project code, WODate, WOType, OBDNo's and Status Information. Work Order List provides Search, Edit and Export to Excel functions based on the user role.

Functionality

- i. System allows to filter the WO's by selecting the 'WO Status' from dropdown
- ii. The WO's can be searched with WO Ref. #
- iii. The 'Edit' function in WO List allows to modify the WO details with WO Number field as disabled
- iv. The 'Export to Excel' function allows to download a file that contains work order details

WORK ORDER LIST							
Purchase Order Work Order Tool Management							
WO Ref.#	Customer	Project Code	WO Date	WO Type	OBDNumber's	Status	
WOTesttt14 [5]	Rossell Techsys		14/05/2014	SO for ProductionOrder	1402tt356	Open	Edit
WOTest14 [5]	Rossell Techsys		12/05/2014	SO for ProductionOrder	1402356	Open	Edit
WO1400024 [2]	Airbus		29/05/2014	CashSales	14000012 14000013	Open	Edit
WO1400023 [1]	Boeing	RT175	29/05/2014	CashSales		Open	Edit
WO1400022 [1]	Boeing	RT175	27/05/2014	CreditMemo		Open	Edit
WO1400021 [1]	Boeing	RT175	27/05/2014	CashSales		Open	Edit
WO1400020 [1]	Boeing		24/05/2014	CashSales	14000011	Open	Edit
WO1400019 [1]	HAL		24/05/2014	CashSales	14000010	Open	Edit
WO1400018 [1]	HAL		24/05/2014	CashSales	14000010	Open	Edit
WO1400017 [1]	Boeing		23/05/2014	CashSales	14000009	Open	Edit

6.1.2. New Work Order

[Link: Menu >> Orders >> Work Order >> New Work Order](#)

This feature allows the user to request a new WO. WO Number is auto-generated control / can be externally generated. WO detailed data is further segregated into groups such as Shipment Address Details, Customer PO Details and Material Details for its operations convenience.

The mandatory fields marked in red asterisk must be entered to create a new WO request.

Functionality

On creation of new WO following sections will be visible to update the required data

- i. Customer PO Details: Allows to add customer PO for the created WO
- ii. Material Details: Allows to add material(s) for the WO
- iii. Created customer PO should be configure in the 'Customer PO' column in the material details as shown in following screen

WORK ORDER DETAILS

Note: * indicates mandatory fields

Work Order Header

WO Number:	WO Date:	OPEN
WOTesttt14	14/05/2014	
WO Type:	Customer Name:	
SO for ProductionOrder	Rossell Techsys	
* Issue No.:	* Freight Company:	
Gross Value:	Net Value:	
0	0	
Tax:		
0		

IsActive IsDeleted

Shipment Address Details

Same as Customer Address

Customer Address:

CustomerName :HAL	* Address1:
Address1 :RamNagar	RamNagar
Address2 :VSKP	Address2:
City :Vizag	VSKP
State :AP	* City:
Country :India	Vizag
Zip :500017	* State:
Phone No :+919877545	AP

Customer PO Details

New Customer PO ▶

Customer PO Number	Customer PO Date	Invoice No.	Currency	Exchange Rate	Customer PO Value	Delete
CPO 136	24/07/2014	9182				Delete

Material Details

Search Part Number... ▾ [Search](#) ▶ [New Material](#) ▶

Line No.	Part Number	BUoM/ Qty	WO UoM/ Qty	Kit ID	Kit Qty	WO Qty	Unit Price	Customer PO	Customer PO UoM/Qty	Customer PO Qty	Customer PO Discount In Percentage	Customer PO VAT Code	Customer PO Country of Origin	Mfg. Date
1	RT10W918301	BOX/2.00	BOX/3.00			5.00		CPO920	BOX/3.00	8.00				

Business Rules:

WO Header

- Unable to update the active / delete status, as WO is configured in outbound
- Unable to edit, as line item in a WO is configured in outbound/job order and is used for GoodsMovement(In/Out) transaction

Customer PO Details

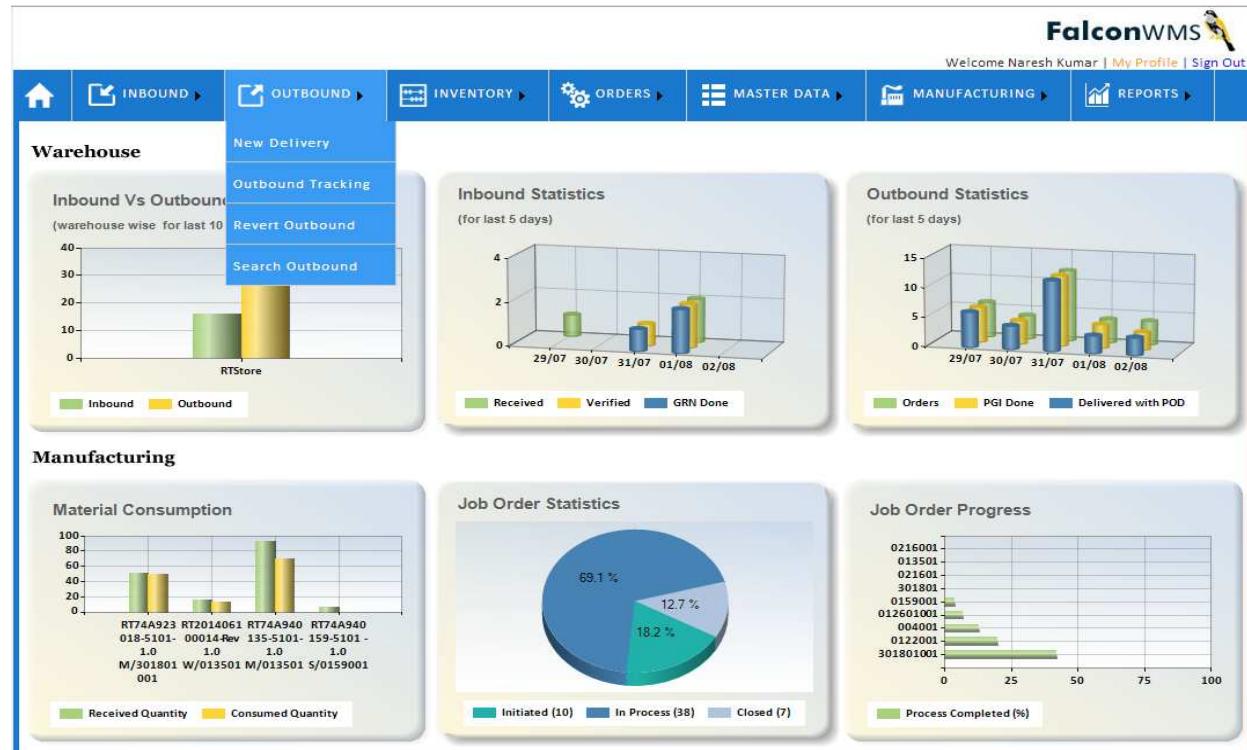
- Customer PO number is unique
- System verifies and denies edit/delete if any line item in a WO is configured in Job Order / GoodsMovement (In/Out) transaction is started

Material Details

- Material list contains only the active materials with material type as raw materials / finished goods
- WO quantity should be less than Customer PO quantity
- Once GoodsMovement (In/Out) transaction is started, cannot 'Edit' and 'Delete' the material details
- System denies add new material, as WO is already used for GoodsMovement (In/Out) transaction / configured in Job Order

7. Outbound

The following screen displays the options available with outbound feature of the FalconWMS



7.1. New Delivery

[Link: Menu >> Outbound >> New Delivery](#)

This feature allows the user to request a new delivery (outbound). Outbound details data is further segregated into groups such as Initiate Outbound Delivery, Delivery Document Line Items, Pick N Check Details, PGI Details and Delivery Details for its operations convenience.

The mandatory fields marked in red asterisk must be entered to create a new Outbound.

Functionality

Initiate Outbound Delivery

The delivery doc. number is auto generated series based on the delivery document type selected from the list in the drop down menu. The following are the delivery document types available.

- OBD (Outbound Delivery) - Delivery # is generated by system
- Transfer – Transfer between stores
- Reservation – Reservation of an item which is not yet shipped to the store
- Write offs – Goods Issue of expiry and damaged materials

Attachments: - Tech. Datasheets, Eng. Drawings, CoC and other significant documents can be attached to an outbound delivery.

Once the outbound is initiated, the system displays the following message “Delivery is updated”

OUTBOUND DETAILS

New Delivery Outbound Tracking Revert Outbound Search Outbound

1. Initiate Outbound Delivery

Note: * Indicates mandatory fields

Delivery Doc.Type:	* Delivery Doc.Number:	* Delivery Doc. Date (dd/mm/yyyy):
OBD	14000068	01/08/2014
* Customer Name:	* Requested By:	
Boeing	Naresh Kumar	
Store(s) Associated:		
<input checked="" type="checkbox"/> RTStore [Rossell TechSys]		
Remarks:		
<div style="border: 1px solid #ccc; height: 100px; width: 100%;"></div>		
Attach Delivery Note:		Priority (Set Level / Delivery Date & Time)
<input type="button" value="Choose File"/> No fil...hosen		Priority: Normal Date: 01/08/2014 Time: 03:54 PM
<input type="button" value="Cancel"/> <input type="button" value="Save Delivery"/>		

Delivery Document Line Items

Delivery document line items details will be updated based on the 'Customer' during the initiation of outbound delivery.

*Only active WO's with status as '**OPEN**' will be displayed in the WO Number list

2. Delivery Document Line Items

Add Work Order ▶

WO Number	Customer PO#	WO Date	Customer Name	WO Currency	Line Items Count	Delete	
WO1400002	CPO 120	16/06/2014	Boeing	USD	1	<input type="checkbox"/>	
						<input type="checkbox"/>	Delete▶

Delivery Pick Note

Link: Menu >> Outbound >> Outbound Search >> Pick Note

Once work order details are added to outbound delivery, "Delivery Pick Note (DPN)" will be generated with the delivery doc. no. One or more work orders with their Customer PO's can be attached to the outbound as shown in the following screen

DELIVERY PICK NOTE												New Delivery Outbound Tracking Revert: Outbound Search Outbound																																																							
Delivery Pick Note																																																																			
Delivery Doc. No.: 14000068												Customer : Boeing Requested By : Naresh Kumar Delv. Doc. Date : 01 Aug 2014																																																							
												<input type="text" value="Search Part # ..."/> <input type="button" value="Search"/>																																																							
Line Items - [1] <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Line #</th> <th>Part Number</th> <th>Base UoM</th> <th>Min Pic.</th> <th>Sales UoM</th> <th>Delv. Doc. Qty.</th> <th>Location</th> <th>KitID</th> <th>Serial No.</th> <th>Batch No.</th> <th>Is Dam.</th> <th>Has Dis.</th> <th>Is NC</th> <th>As Is</th> <th>Positive Recall</th> <th>Available</th> <th>Picked</th> <th>Pick Link</th> </tr> </thead> <tbody> <tr> <td>001</td> <td>RT74A940126-5101 - </td> <td>EA/1.00</td> <td>EA/1.00</td> <td>EA/1.00</td> <td>2.00</td> <td>S101A01</td> <td></td> <td>fg-1</td> <td>fg-01</td> <td></td> <td></td> <td></td> <td></td> <td>0.00</td> <td>1.00</td> <td></td> </tr> <tr> <td></td> <td>74A940126-5101</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>fg-2</td> <td>fg-01</td> <td></td> <td></td> <td></td> <td></td> <td>0.00</td> <td>1.00</td> <td></td> </tr> </tbody> </table>																Line #	Part Number	Base UoM	Min Pic.	Sales UoM	Delv. Doc. Qty.	Location	KitID	Serial No.	Batch No.	Is Dam.	Has Dis.	Is NC	As Is	Positive Recall	Available	Picked	Pick Link	001	RT74A940126-5101 - 	EA/1.00	EA/1.00	EA/1.00	2.00	S101A01		fg-1	fg-01					0.00	1.00			74A940126-5101							fg-2	fg-01					0.00	1.00	
Line #	Part Number	Base UoM	Min Pic.	Sales UoM	Delv. Doc. Qty.	Location	KitID	Serial No.	Batch No.	Is Dam.	Has Dis.	Is NC	As Is	Positive Recall	Available	Picked	Pick Link																																																		
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	74A940126-5101							fg-2	fg-01					0.00	1.00																																																				
Note: Strike-off row items cannot be picked due to their parameters difference than the required items in Delv.Doc.																																																																			

Functionality

- i. Contains the available quantities of materials in various locations, with/without msp's
- ii. Displays strike-offs for materials which have differences in msp's configured (MSP's configured during Goods-In is different from the msp's configured in WO)
- iii. Displays strike-offs for materials which are non-confirmed
- iv. Displays strike-offs for materials which are not returned to the supplier during supplier returns (strike-offs for materials which are not returned to the supplier)
- v. If stock adjustment is done for the material, then the split quantity will be displayed in the available quantity field
- vi. The 'Pick' option in each of the line item allows to pick the item by providing pick quantity and Location in Goods Issue(Out) screen
- vii. The required line Item can be searched with Part No.
- viii. The 'Print' function allows to print DPN with the provided Part Number and selects Printer, Label size

Pick N Check Details

View pending Good-Out List displays material details configured in work order(s).

Pick N Check details will be updated (Pick store, delivery doc. date, attachment of Pick & Check Sheet) only if Goods Issue (Out) process is completed.

Once pick n check details are updated, required vehicle details will be visible

3. Pick N Check Details

RTStore

Pick Store:	Delivery Doc. Received On :	View Pending Goods-Out List									
RTStore	02/08/2014 01:45 PM										
Picked By:	Checked By :										
Remarks:		Required Vehicle Details: Add Required Vehicle									
<input type="text"/> <input type="text"/>		<table border="1"> <thead> <tr> <th>Required Vehicle</th> <th>Required Value</th> <th>Delete</th> </tr> </thead> <tbody> <tr> <td>Forklift</td> <td>1</td> <td><input type="checkbox"/> Edit</td> </tr> <tr> <td></td> <td></td> <td>Delete</td> </tr> </tbody> </table>	Required Vehicle	Required Value	Delete	Forklift	1	<input type="checkbox"/> Edit			Delete
Required Vehicle	Required Value	Delete									
Forklift	1	<input type="checkbox"/> Edit									
		Delete									
Attach Pick & Check Sheet(s): <input type="button" value="Choose File"/> No fil...hosen											
<input type="button" value="Cancel"/> <input checked="" type="button" value="Update & Send to PGI"/>											

Pending Goods-OUT List

WO Line#	Part Number	WO Number	WO Qty.	Picked Qty.
1	RT100040002 [RT3450]	WO1400028	35.00	0.00
2	RT100040003 [RT3451]	WO1400028	26.00	2.30
3	RT100040004 [RT3452]	WO1400028	33.00	0.90

PGI Details

Post-Goods Issue (PGI) details will be updated PGI Done Date &Time and Requested By as shown below

4. PGI Details

PGI Done Date & Time :	Requested By:
01/08/2014	Babu R
Remarks :	
<input style="background-color: #4CAF50; color: white; border: none; padding: 5px 10px; margin-right: 10px;" type="button" value="Cancel"/> <input style="background-color: #4CAF50; color: white; border: none; padding: 5px 10px;" type="button" value="Update"/>	

Packing Details

Packing details will be updated with Packing Store, PackedOn Date & Time and PackedBy as shown below

5. Packing Details

Packing Store:	PackedOn Date :	Time :	PackedBy :
RTStore	01/08/2014	12:00 AM	
Remarks:			
Delivery Pack Slip <input style="background-color: #4CAF50; color: white; border: none; padding: 5px 10px; margin-right: 10px;" type="button" value="Cancel"/> <input style="background-color: #4CAF50; color: white; border: none; padding: 5px 10px;" type="button" value="Update"/>			

Packing details will be attached with “Delivery Pack Slip”

Delivery Details

Delivery details will be updated along with PGI Details. The instruction modes available are cash invoice, credit invoice and manual invoice. The remaining fields that are self-explanatory are also entered with a POD attachment and the delivery is updated.

6. Delivery Details

RTStore

Received From :												
RTStore	Requester:	Document No.:	Doc.Rcvd.Date:									
Instruction Mode:			02/08/2014									
Select Instruction M												
Delivered By:	Driver Name:	Delivery Date:	Time:									
		02/08/2014	12:00 AM									
Received By:	Used Vehicle Details: Add Used Vehicle											
Remarks On Delivery:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Used Vehicle</th> <th>Used Value</th> <th>Delete</th> </tr> </thead> <tbody> <tr> <td>Crane 45 ton</td> <td>1</td> <td><input type="checkbox"/> Edit</td> </tr> <tr> <td></td> <td></td> <td>Delete</td> </tr> </tbody> </table>			Used Vehicle	Used Value	Delete	Crane 45 ton	1	<input type="checkbox"/> Edit			Delete
Used Vehicle	Used Value	Delete										
Crane 45 ton	1	<input type="checkbox"/> Edit										
		Delete										
Attach Proof of Delivery (POD): <input type="button" value="Choose File"/> <input type="text" value="No fil...hosen"/> <input type="checkbox"/> Is Proof of Delivery (POD) received from the customer?												
Cancel  Update 												

Business Rules:

- i. One 'Outbound' can have any number of 'WO's' based on the 'Customer'
- ii. Once Goods-OUT is done cannot edit/delete the delivery document line items
- iii. Once delivery doc. Line item details are mapped to Outbound, then cannot update the initiate delivery details

Process flow for Outbound:

'Outbound Initiated, Delivery Doc. Line Items, Goods-OUT, Pick N Check Details, PGI Update, Packing Details, Delivery Details'

7.2. Outbound Tracking

[Link: Menu >> Outbound >> Outbound Tracking](#)

Once the outbound is successfully updated in the system, the OB initiator can view the Pick N Check Pending, PGI Pending, Deliveries Pending and POD Pending

Functionality

Export to excel

- iii. The Delivery Doc. number allows to download a file that consists of the details of the outbound delivery
- iv. The change option in each of the grid allows to modify the delivery details.

The following screen displays the delivery details in the respective states.

OUTBOUND TRACKING

New Delivery Revert Outbound

Collapse All

Pick N Check Pending [41]

Delv.Doc.No.	Delv. Type	Delv.Doc.Dt.	Customer Name	Requested By	Store(s)	P.Note
PR1400034	Plant Delivery Note	30/05/14	Rossell Techsys	Admin A	RTStore	Pick Note [1/2]
14000015	OBD	30/05/14	HAL	Naresh Kumar	RTStore	Pick Note [0/0]
14000014	OBD	30/05/14	Airbus	Naresh Kumar	RTStore	Pick Note [0/0]
TM1400001	TOOLS	30/05/14	ToolManagement	Naresh Kumar	RTStore	Pick Note [2/2]
14000013	OBD	29/05/14	Airbus	Naresh Kumar	RTStore	Pick Note [0/2]
PR1400031	Plant Delivery Note	28/05/14	Rossell Techsys	Swami P	RTStore	Pick Note [0/1]
PR1400030	Plant Delivery Note	28/05/14	Rossell Techsys	Prasad G	RTStore	Pick Note [0/2]
PR1400029	Plant Delivery Note	27/05/14	Rossell Techsys	Admin A	RTStore	Pick Note [0/21]
PR1400028	Plant Delivery Note	27/05/14	Rossell Techsys	Admin A	RTStore	Pick Note [4/4]
PR1400027	Plant Delivery Note	27/05/14	Rossell Techsys	Admin A	RTStore	Pick Note [2/2]

1 2 3 4 5

PGI Pending [1]

Delv. Doc. No:	Delv. Type	Delv.Doc. Date	Customer Name	Requested By	Received for PGI Date	Time	Store(s)	P.Note
PR1400032	Plant Delivery Note	28/05/14	Rossell Techsys	Prasad G	30/05/14	12 :23 PM	RTStore [Verif.On: 30/05/14	Pick Note [1/1]

1 2 3 4 5

Search Delv. Doc. #...

Deliveries Pending [6]

Delv.Doc.No.	Delv. Type	Delv. Doc. Date	Customer Name	Requested By	Sent to Delivery Date	Time	Store(s)	P.Note
14000068	OBD	01/08/14	Boeing	Naresh Kumar	01/08/14	03:55 PM		Pick Note [1/1]
14000041	OBD	02/07/14	HAL	Naresh Kumar	02/07/14	12:07 PM		Pick Note [1/1]
14000041	OBD	02/07/14	HAL	Naresh Kumar	02/07/14	12:07 PM		Pick Note [1/1]
PR1400030 JO Ref.# : RT74A92000-5001P-1.4 S KitCode : PH1400015 WO Ref.# : PRSO1400021	Phantom Delivery Note	28/06/14	Rossell Techsys	Naresh Kumar	28/06/14	05:29 PM		Pick Note [4/4]
PR1400025 JO Ref.# : RT88A920-1000P-1.6 S KitCode : PH1400004 WO Ref.# : PRSO1400019	Phantom Delivery Note	25/06/14	Rossell Techsys	Naresh Kumar	09/07/14	12:00 AM		Pick Note [20/20]
PR1400024 JO Ref.# : RT88A920-1005P-1.3 S KitCode : PH1400013 WO Ref.# : PRSO1400018	Phantom Delivery Note	24/06/14	Rossell Techsys	Naresh Kumar	05/07/14	02:36 PM		Pick Note [24/24]

Search Delv. Doc. #...

POD Pending [6]

Delv.Doc.No.	Delv. Type	Delv. Doc. Date	Customer Name	Requested By	Sent to Delivery Date	Time	Store(s)	POD Not Rcvd / Delv. Date /Driver	P.Note
PR1400013	Plant Delivery Note	16/05/14	Rossell Techsys	Prasad G	16/05/14	04:04 PM	RTStore	POD Not Rcvd. 16/05/14, 12:00 AM By:XYZ	Pick Note [2/2]
PR1400012	Plant Delivery Note	15/05/14	Rossell Techsys	Admin A	15/05/14	05:56 PM	RTStore	POD Not Rcvd. 15/05/14, 12:00 AM By:XYZ	Pick Note [3/3]
PR1400011	Plant Delivery Note	15/05/14	Rossell Techsys	Admin A	15/05/14	03:50 PM	RTStore	POD Not Rcvd. 15/05/14, 12:00 AM By:XYZ	Pick Note [6/6]
PR1400008	Plant Delivery Note	14/05/14	Rossell Techsys	Prasad G	14/05/14	06:14 PM	RTStore	POD Not Rcvd. 14/05/14, 12:00 AM By:XYZ	Pick Note [1/1]
PR1400007	Plant Delivery Note	14/05/14	Rossell Techsys	Admin A	14/05/14	04:34 PM	RTStore	POD Not Rcvd. 14/05/14, 12:00 AM By:XYZ	Pick Note [4/4]
14000002	OBD	03/05/14	Boeing	Naresh Kumar	03/05/14	12:00 AM	RTStore	POD Not Rcvd. 03/05/14, 12:00 AM By:XYZ	Pick Note [2/2]

Search Delv. Doc. #...

7.3. Revert Outbound

Link: Menu >> Outbound >> Revert Outbound

The Revert Outbound screen lets the OB initiator revert to the previous state of delivery search by delivery doc.no. The most common status of the delivery are Sent to the Store, Sent to PGI and Sent to Delivery.

REVERT OUTBOUND								
<input type="button" value="New Delivery"/> <input type="button" value="Outbound Tracking"/> <input type="button" value="Revert Outbound"/> <input type="button" value="Search Outbound"/>								
<input type="text" value="Search Delv. Doc.#..."/> <input type="button" value="Search"/>								
2 3 4 5 6 7								
Delv.Doc. #:	Doc. Type	Customer Name	Delv. Doc.Date	PNC Date	PGI Date	Stores	Status	
PR1400208	Phantom Delivery Note	Rossell Techsys	02/08/14				Sent To Store	
14000068	OBD	Boeing	01/08/14	01/08/14 ↳ Revert PNC Verif..	01/08/14 ↳ Revert PGI..		Sent to Packing	
PR1400203	Plant Delivery Note	Rossell Techsys	01/08/14				Sent To Store	
14000067	OBD	Airbus	28/07/14				Sent To Store	
R1400006	Supplier Returns	Return Customer	26/07/14				Sent To Store	
TM1400015	TOOLS	ToolManagement	23/07/14				Sent To Store	
TM1400014	TOOLS	ToolManagement	23/07/14				Sent To Store	
TM1400013	TOOLS	ToolManagement	23/07/14				Sent To Store	
TM1400012	TOOLS	ToolManagement	22/07/14				Sent To Store	

Functionality

- I. The deliveries can be searched with Del.Doc.No.

Business Rule

- Revert PNC verification occurs only after revert PGI is done
- On revert of delivery, status will be changed

7.4. Search Outbound

Link: Menu >> Outbound >> Search Outbound

Functionality

- i. The deliveries can be searched within a given date range and other parameters
- ii. The category and search text fields go together. For instance, if the user wants to search deliveries based on Del. Doc.No. / Customer Name / Document Number, the search text is to be entered. Likewise, if the user wants date based searches of the deliveries, the 'From Date' field on the screen turns mandatory.
- iii. The PNC Date column of the screen shows the status (PNC Pending, PGI Pending & Verify On)
- iv. The status(s) column of the screen shows the status (Sent to Store, Sent for PGI, Sent to Delivery, Delivered)
- v. The change option in each of the grids allows to modify the delivery details
- vi. The entire report that is displayed is exported as an Excel file for reference.

SEARCH OUTBOUND										
<input type="button" value="New Delivery"/> <input type="button" value="Outbound Tracking"/> <input type="button" value="Revert Outbound"/> <input type="button" value="Search Outbound"/>										
From Date:	To Date:	Store:	Document Type:	Delivery Status:						
<input type="text"/>	<input type="text"/>	<input type="button" value="Select Warehouse"/>	<input type="button" value="All"/>	<input type="button" value="All"/>						
Search Text:	Category:	<input type="text"/>	<input type="button" value="Select Category"/>	<input type="button" value="Search"/>						
Total Items [299]										
<input type="button" value="1"/>	<input type="button" value="2"/>	<input type="button" value="3"/>	<input type="button" value="4"/>	<input type="button" value="5"/>	<input type="button" value="6"/>	<input type="button" value="7"/>	<input type="button" value="8"/>	<input type="button" value="9"/>	<input type="button" value="10"/>	<input type="button" value="X"/>
Delv.Doc.#:	Delv.Doc.Type	Customer Name	Store(s)	Delv. Doc. Date	PNC Date	PGI Date / Done By	Delivery Date	Status	P.Note	
14000067	OBD	Airbus	RTStore	28/07/14	RTStore [PNC Pending]			Sent To Store	P.Note [0/3] ▶	Change ▶
R1400006	Supplier Returns	Return Customer	RTStore	26/07/14	RTStore [PNC Pending]			Sent To Store	P.Note [0/1] ▶	Change ▶
PR1400179	Plant Delivery Note	Rossell Techsys	RTStore	25/07/14	RTStore [Verif.On: 25/07/14 ▶]	25/07/14 Prasad G	RTStore [Delivered on :25/07/14 ▶]	Delivered	P.Note [4/4] ▶	Change ▶
PR1400178	Plant Delivery Note	Rossell Techsys	RTStore	25/07/14	RTStore [Verif.On: 25/07/14 ▶]	25/07/14 Naresh Kumar	RTStore [Delivered on :25/07/14 ▶]	Delivered	P.Note [2/2] ▶	Change ▶
PR1400177	Plant Delivery Note	Rossell Techsys	RTStore	25/07/14	RTStore [Verif.On: 25/07/14 ▶]	25/07/14 Naresh Kumar	RTStore [Delivered on :25/07/14 ▶]	Delivered	P.Note [3/3] ▶	Change ▶
PR1400176	Plant Delivery Note	Rossell Techsys	RTStore	25/07/14	RTStore [Verif.On: 25/07/14 ▶]	25/07/14 Prasad G	RTStore [Delivered on :25/07/14 ▶]	Delivered	P.Note [2/2] ▶	Change ▶

Functionality

- i. The category and search text fields go together. For instance, if the user wants to search shipments based on PO number, the search text is to be entered. Likewise, if the

user wants date based searches of the shipments, the 'From Date' field on the screen turns mandatory.

- ii. The store(s) column of the screen shows the status (received, verify etc) of each of the store
- iii. The status(s) column of the screen shows the status (Initiated, Received, Verify, GRN etc.) of each of the shipment
- iv. The change option in each of the grids allows to modify the shipment details

8. Inventory

8.1. Goods Issues (OUT)

[Link: Menu >> Outbound >> Outbound Search >> P.Note \(column\) >> Delivery Pick Note >> Pick >> Goods Out](#)

The Goods Issue (OUT) will be shown with parameters (Part Number, Delv.Doc.Qty etc.) as shown below

GOODS ISSUE (OUT)	 Goods Receipt (IN) Active Stock Inter Store Transfer Customer Returns Supplier Returns																																																																																																																																																																								
<p>Note: * Indicates mandatory fields</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <thead> <tr> <th colspan="12" style="text-align: center;">Pick Details</th> </tr> <tr> <th colspan="12" style="text-align: left;">Part Number: RT100020006</th> </tr> </thead> <tbody> <tr> <td colspan="6">Base.UoM/Qty: EA/1.00</td> <td colspan="6">Min.Pic.UoM/Qty: EA/1.00</td> </tr> <tr> <td colspan="6">Description: Test desc</td> <td colspan="6"></td> </tr> <tr> <td colspan="6">WO UoM/ Qty. EA/1.00</td> <td colspan="6">Delv Doc. Qty.: 5.00</td> </tr> <tr> <td colspan="6">Conversion Factor to BUoM: 1</td> <td colspan="6">Total Quantity in BUoM 5.00</td> </tr> <tr> <td colspan="12" style="text-align: center; border-top: none;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Location</th> <th>Is Dam.</th> <th>Has Disc.</th> <th>QC Non Conf.</th> <th>Positive Recall</th> <th>As Is</th> <th>Quantity</th> <th>Mfg. Date</th> <th>Serial No.</th> <th>Batch No.</th> <th>Plant</th> <th>Select One</th> </tr> </thead> <tbody> <tr> <td>S106A01</td> <td></td> <td></td> <td style="color: red;">✓</td> <td></td> <td style="color: red;">✓</td> <td>4.00</td> <td></td> <td></td> <td></td> <td>Non-System</td> <td><input checked="" type="radio"/></td> </tr> <tr> <td></td> </tr> </tbody> </table> </td> </tr> </tbody> </table> <div style="display: flex; justify-content: space-between; align-items: center;"> Pick Quantity: <input style="width: 100px;" type="text"/> Pick Location: <input style="width: 100px;" type="text"/> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> <input checked="" type="checkbox"/> Is Print Required Select Printer ▾ Pick Item </div> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>Location</th> <th>Is Dam.</th> <th>Has Disc.</th> <th>QC Non Conf.</th> <th>Positive Recall</th> <th>As Is</th> <th>Quantity</th> <th>Mfg. Date</th> <th>Serial No.</th> <th>Batch No.</th> <th>Plant</th> <th>Delete</th> </tr> </thead> <tbody> <tr> <td>S106A02</td> <td style="color: red;">✓</td> <td style="color: red;">✓</td> <td></td> <td></td> <td style="color: red;">✓</td> <td>2.00</td> <td></td> <td></td> <td></td> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td>S106A02</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>3.00</td> <td></td> <td></td> <td></td> <td></td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>sum :5.00</td> <td></td> <td></td> <td></td> <td></td> <td>Delete</td> </tr> </tbody> </table>		Pick Details												Part Number: RT100020006												Base.UoM/Qty: EA/1.00						Min.Pic.UoM/Qty: EA/1.00						Description: Test desc												WO UoM/ Qty. EA/1.00						Delv Doc. Qty.: 5.00						Conversion Factor to BUoM: 1						Total Quantity in BUoM 5.00						<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Location</th> <th>Is Dam.</th> <th>Has Disc.</th> <th>QC Non Conf.</th> <th>Positive Recall</th> <th>As Is</th> <th>Quantity</th> <th>Mfg. Date</th> <th>Serial No.</th> <th>Batch No.</th> <th>Plant</th> <th>Select One</th> </tr> </thead> <tbody> <tr> <td>S106A01</td> <td></td> <td></td> <td style="color: red;">✓</td> <td></td> <td style="color: red;">✓</td> <td>4.00</td> <td></td> <td></td> <td></td> <td>Non-System</td> <td><input checked="" type="radio"/></td> </tr> <tr> <td></td> </tr> </tbody> </table>												Location	Is Dam.	Has Disc.	QC Non Conf.	Positive Recall	As Is	Quantity	Mfg. Date	Serial No.	Batch No.	Plant	Select One	S106A01			✓		✓	4.00				Non-System	<input checked="" type="radio"/>													Location	Is Dam.	Has Disc.	QC Non Conf.	Positive Recall	As Is	Quantity	Mfg. Date	Serial No.	Batch No.	Plant	Delete	S106A02	✓	✓			✓	2.00					<input type="checkbox"/>	S106A02						3.00					<input type="checkbox"/>							sum :5.00					Delete
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Conversion Factor to BUoM: 1						Total Quantity in BUoM 5.00																																																																																																																																																																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Location</th> <th>Is Dam.</th> <th>Has Disc.</th> <th>QC Non Conf.</th> <th>Positive Recall</th> <th>As Is</th> <th>Quantity</th> <th>Mfg. Date</th> <th>Serial No.</th> <th>Batch No.</th> <th>Plant</th> <th>Select One</th> </tr> </thead> <tbody> <tr> <td>S106A01</td> <td></td> <td></td> <td style="color: red;">✓</td> <td></td> <td style="color: red;">✓</td> <td>4.00</td> <td></td> <td></td> <td></td> <td>Non-System</td> <td><input checked="" type="radio"/></td> </tr> <tr> <td></td> </tr> </tbody> </table>												Location	Is Dam.	Has Disc.	QC Non Conf.	Positive Recall	As Is	Quantity	Mfg. Date	Serial No.	Batch No.	Plant	Select One	S106A01			✓		✓	4.00				Non-System	<input checked="" type="radio"/>																																																																																																																																						
Location	Is Dam.	Has Disc.	QC Non Conf.	Positive Recall	As Is	Quantity	Mfg. Date	Serial No.	Batch No.	Plant	Select One																																																																																																																																																														
S106A01			✓		✓	4.00				Non-System	<input checked="" type="radio"/>																																																																																																																																																														
Location	Is Dam.	Has Disc.	QC Non Conf.	Positive Recall	As Is	Quantity	Mfg. Date	Serial No.	Batch No.	Plant	Delete																																																																																																																																																														
S106A02	✓	✓			✓	2.00					<input type="checkbox"/>																																																																																																																																																														
S106A02						3.00					<input type="checkbox"/>																																																																																																																																																														
						sum :5.00					Delete																																																																																																																																																														

Functionality

- i. Quantity can be picked based on the available quantity in the location

Business Rules

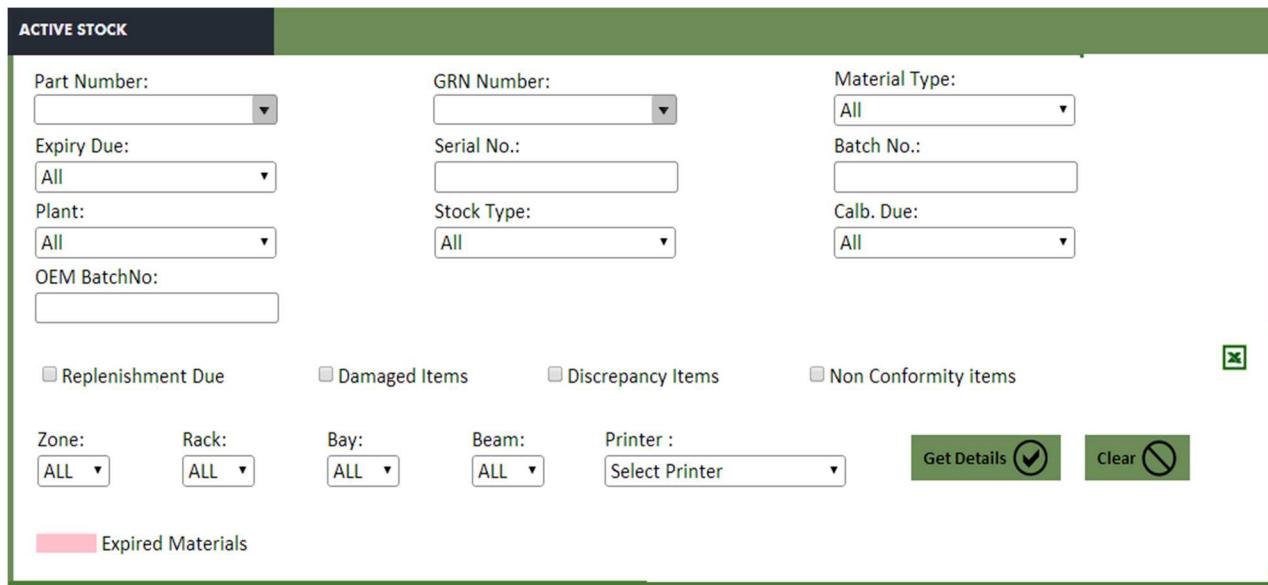
- ‘Pick Quantity’ cannot be greater than the ‘total quantity in B.UoM and available quantity’
- Expiry, Non-Conformity, damaged and discrepancy items cannot be picked
- Items cannot be picked, if PGI is updated
- Strike off row items(difference in MSP’s) from DPN are not allowed to pick
- Expired, non-conformity, Damaged and discrepancy quantities can be picked if outbound type is supplier returns
- ‘Total Receiving Qty = S.Qty * C.F to B.UoM’
- Picked quantity should be greater than M.Pick qty., and should be multiple of BUoM qty. (received value will be multiplied by C.F and value should be multiple of BUoM qty.)

- Damaged and Discrepancy materials can be picked, if 'As Is' flag exists
- If 'As Is' flag exists for a material with non-conformity, materials can be picked

8.2. Active Stock

Link: Menu >> Inventory >> Active Stock

Authorized user can get the Active / Live Stock details. This can be searched by either of these fields like Part number, GRN Number, Material Type, Batch No, Serial No and selection of other parameters as shown in below screen.



The screenshot shows the 'ACTIVE STOCK' search interface. It includes the following fields:

- Part Number: dropdown menu
- GRN Number: dropdown menu
- Material Type: dropdown menu (set to 'All')
- Expiry Due: dropdown menu (set to 'All')
- Serial No.: text input field
- Batch No.: text input field
- Plant: dropdown menu (set to 'All')
- Stock Type: dropdown menu (set to 'All')
- Calb. Due: dropdown menu (set to 'All')
- OEM BatchNo: text input field
- Checkboxes at the bottom: 'Replenishment Due', 'Damaged Items', 'Discrepancy Items', 'Non Conformity items' (the last one is checked)
- Buttons at the bottom: 'Get Details' (with a checkmark icon) and 'Clear'
- A status indicator at the bottom left: 'Expired Materials' with a pink bar

The following screen displays the Total Items with the provided data



Warehouse Management System

ACTIVE STOCK

Part Number:	GRN Number:	Material Type:																								
<input type="text"/>	<input type="text"/>	<input type="text"/>																								
Expiry Due:	Serial No.:	Batch No.:																								
<input type="text"/>	<input type="text"/>	<input type="text"/>																								
Plant:	Stock Type:	Calb. Due:																								
<input type="text"/>	<input type="text"/>	<input type="text"/>																								
OEM BatchNo:																										
<input type="text"/>																										
<input type="checkbox"/> Replenishment Due <input type="checkbox"/> Damaged Items <input type="checkbox"/> Discrepancy Items <input type="checkbox"/> Non Conformity items																										
Zone:	Rack:	Bay:	Beam:	Printer :	<input type="button" value="Select Printer"/>	<input type="button" value="Get Details"/>	<input type="button" value="Clear"/>																			
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>																			
■ Expired Materials																										
Total Items [569]																										
Part Number	In Act.	Out Act.	Description	BUoM / Qty.	MUoM / Qty.	Location	KitID	In-OH	Ob-OH	Aval.	Dam.	Disc.	QC Non Conf.	As Is	Posi. Recall	Mfg. Date	Exp. Date	Serial No.	Batch No.	Plant	Stock Type	Calb. Dt.	Calb. Due	OEM BatchNo	Print	
[0.01]				1.00	1.00	S101A03		0.00	0.00	4.00											9987					<input type="checkbox"/>
						S101A04		0.00	3.00	0.00											9986					<input type="checkbox"/>
						S101A05		0.00	0.00	5.00										9986					<input type="checkbox"/>	
						S101A06		0.00	5.00	0.00										9985					<input type="checkbox"/>	
RT205001000028 [0.1]			TANTALUM CAP RADIAL	EA / 1.00	EA / 1.00	Q101C01		0.00	0.00	1.00				<input checked="" type="checkbox"/>						8989					<input type="checkbox"/>	
						S101A04		0.00	0.00	5.00										2145					<input type="checkbox"/>	
						S101A09		0.00	0.00	5.00										2145					<input type="checkbox"/>	
						S101B01		0.00	0.00	4.00										8990					<input type="checkbox"/>	
						S101B02		0.00	0.00	1.00										8989					<input type="checkbox"/>	
						S101B03		0.00	0.00	7.00										8988					<input type="checkbox"/>	
						S101B04		0.00	0.00	3.00										8987					<input type="checkbox"/>	
						S101B06		0.00	0.00	6.00										8985					<input type="checkbox"/>	
						S101B07		0.00	0.00	6.00										8984					<input type="checkbox"/>	
RT205001000029 [10]			SMD TANT CAP	EA / 1.00	EA / 1.00	S101A07		0.00	0.00	5.00										3654					<input type="checkbox"/>	
						S101A09		0.00	0.00	5.00										3654					<input type="checkbox"/>	
						S101C01		0.00	0.00	5.00										7990					<input type="checkbox"/>	
						S101C02		0.00	0.00	5.00										7989					<input type="checkbox"/>	
						S101C03		0.00	0.00	5.00										7988					<input type="checkbox"/>	
						S101C05		0.00	0.00	5.00										7885					<input type="checkbox"/>	
						S101C06		0.00	0.00	5.00										7884					<input type="checkbox"/>	
						S101A02	1.00	0.00	1.00											48716					<input type="checkbox"/>	

“Inbound-OnHand (In-OH)” column displays the received quantities of materials

“Outbound-OnHand (Ob-OH)” column displays the picked quantities of materials

Material Activity Report – INBOUND (Goods-IN)

The following screen displays the inbound activity report with Store Ref. No., PO No., and other details

Stock Adjustments

User with User Role as “MMAdmin” can split the stock

Available quantity can be split with MSP's variation or can be considered as damaged / discrepancy / Non-Conformity items.

ACTIVE STOCK		Material Activity Report - Inbound - RT205001000028 OEMPartNo : 0.1																				
Total Items [8]		Store Ref. No.	GRN Number	PO Number	Line No.	KitID	BUoM / Qty.	Trans. UoM / Qty.	Qty Received in BUoM	Available Qty. In BUoM	Has Disc.	Is Dam.	QC Non Conf.	As Is	Location	Handler	Trans. Date	Batch No.	IsActive	Split Material	On Dt.	Calb. Due Dt.
AB-4	↓	RTS1400005	1210	PO1400002	2		EA/1.00	EA/1.00*0.09	0.09	0.09	✓				Q101C01	Swamy P	17/06/2014 11:41 AM	8989	✓	Stock Adjustment		
RT88A920-11	↓	RTS1400005	1210	PO1400002	2		EA/1.00	EA/1.00*0.10	0.10	0.10	✓				Q101C01	Naresh Kumar	19/06/2014 12:46 PM	8989	✓	Stock Adjustment		
RT88A920-23	↓	For WMS	1.00	3.00		\$107G04		0.00	0.00	180.00												
RT88A920-35	↓	Test Data For WMS	AU / 1.00	BT / 2.00		\$104J01		160.00	0.00	0.00												
RT88A920-42	↓	Test Data For WMS	CM / 1.00	BAG / 1.00		\$101A01		0.00	0.00	26.00												
RT88A920-47	↓	Test Data For WMS	CAR / 1.00	BOX / 2.00		\$101J04	3	0.00	0.00	30.00												
RTMM0320145004	↓	Test record for WMS without supplier	CAR / 1.00	BAG / 2.00		\$101A01		0.00	20.00	0.00												
RT100010002	↓	Test Data for WMS	BAG / 2.00	CAR / 3.00		\$108A04		12.00	0.00	0.00												
						\$109B06		9.00	0.00	0.00												

Split inbound activity record

Note: This split is based on currently available quantity.Hence make sure you have split quantity less than the available quantity with all the specified parameters before splitting.

Inv UoM / Qty.: EA/1.00
Batch No.: 8989
Location: Q101C01
 Is Damaged
 Has Discrepancy
 Is Non-Conformity
 As Is

Split Qty.: 0.09

Close  **Split** 

Material Activity Report – OUTBOUND (Goods-OUT)

The following screen displays the outbound activity report with OBD No., WO No., and other details

ACTIVE STOCK		Material Activity Report - Outbound - RT88A920-11 OEMPartNo : 50997																			
Total Items [8]		OBD Number	WO Number	Line No.	KitID	BUoM / Qty.	Trans. UoM / Qty.	Qty Issued in BUoM	Available Qty. In BUoM	Has Disc.	Is Dam.	QC Non Conf.	As Is	Location	Handler	Trans. Date	Batch No.	IsActive	Calb. Due Dt.		
AB-4	↓	PR1400201	IOS01400141	6		FT/1.00	FT/1.00*1.00	1.00	13.00					S124C01	Naresh Kumar	31/07/2014 06:27 PM	1368-05	✓			
RT88A920-11	↓	PR1400047	PRSO1400035	1		FT/1.00	FT/1.00*4.00	4.00	13.00					S124C01	Naresh Kumar	09/07/2014 03:23 PM	1368-05	✓			
RT88A920-23	↓	Test Data For WMS	AU / 1.00	AU / 3.00		\$107G04		0.00	180.00							09/05/2014					
RT88A920-35	↓	Test Data For WMS	BT / 1.00			\$104J01		160.00	0.00	0.00						14/05/2014					
RT88A920-42	↓	Test Data For WMS	CM / 1.00	BAG / 1.00		\$101A01		0.00	26.00							05/05/2014					
RT88A920-47	↓	Test Data For WMS	CAR / 1.00	BOX / 2.00		\$101J04	3	0.00	30.00							07/05/2014					
RTMM0320145004	↓	Test record for WMS without supplier	CAR / 1.00	BAG / 2.00		\$101A01		0.00	20.00	0.00											
RT100010002	↓	Test Data for WMS	BAG / 2.00	CAR / 3.00		\$108A04		12.00	0.00	0.00						30/07/2015					
						\$109B06		9.00	0.00	0.00						31/07/2014					

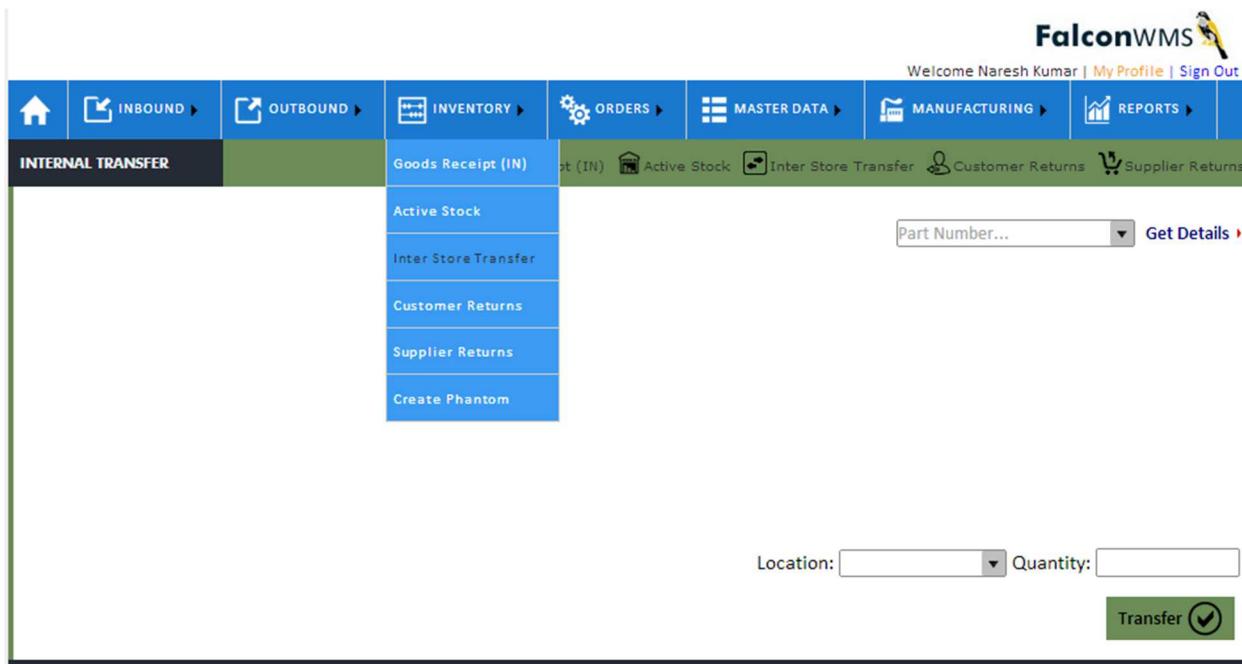
Business Rules

- Split quantity should always be 1, for serial no. as an MSP
- If the material is in supplier returns, cannot split the quantity
- If the status of the returned material is 'Delivered/PGI update', then only can adjust the stock
- Received quantity should be greater than M.Pick qty., and should be multiple of BUoM qty.
(received value will be multiplied by C.F and value should be multiple of BUoM qty.)

8.3. Inter Store Transfer

[Link: Menu >> Inventory >> Inter Store Transfer](#)

The following screen displays Line item details to transfer from one location to another location



The screenshot shows the FalconWMS application interface. At the top, there is a navigation bar with icons for Home, Inbound, Outbound, Inventory, Orders, Master Data, Manufacturing, and Reports. Below the navigation bar, a sub-menu for 'INTERNAL TRANSFER' is displayed, listing options: Goods Receipt (IN), Active Stock, Inter Store Transfer, Customer Returns, and Supplier Returns. The 'Inter Store Transfer' option is highlighted. On the right side of the screen, there is a search bar with 'Part Number...' and a 'Get Details' button. Below the search bar, there are fields for 'Location:' and 'Quantity:', followed by a large green 'Transfer' button with a checkmark icon.

The following screen displays the listed line items with the provided material code / Part Number. The selected line item allows the user to transfer the material to another location by providing To Location and Transfer Quantity.

INTERNAL TRANSFER

Part Number: IN107009300005 [5011] - BUoM/Qty: IN/1.00

Location	KitID	Is Damg.	Has Disc.	Is Non Conf.	As Is	Quantity	Mfg. Date	Serial No.	Batch No.	Select One
S101C02						27.00			1087	<input checked="" type="radio"/>
S101C03						70.00			1088	<input type="radio"/>

Location: S101A01 Quantity: 1

S101A01
S101A02
S101A03
S101A04

Transfer

Business Rules

- Only the GRN updated materials can be transferred
- Only the available quantity or less than the available quantity can be transferred
- If the material to be transferred is returned by the customer, then cannot transfer the material until PGI is done for the returned quantity
- Panstock Items separately transferred to PanStock Location(s)

8.4. Customer Returns

[Link: Menu >> Inventory >> Customer Returns](#)

The following screen displays the list of line items to the selected OBD No., Store

CUSTOMER RETURNS		Goods Receipt (IN)											
		Receipt (IN) Active Stock Inter Store Transfer Customer Returns Supplier Returns											
		OBDNumber: <input type="text"/> Store: <input type="text"/> Get Details											
		<input style="background-color: #6B8E23; color: white; padding: 5px; width: 100px; height: 30px; margin-top: 10px;" type="button" value="Return"/>											
		<ul style="list-style-type: none"> Active Stock Inter Store Transfer Customer Returns Supplier Returns Create Phantom 											

Line Items are with Line Number, Part Number, BUoM/Qty, Picked Qty, Returned Qty. User can return the selected line item

CUSTOMER RETURNS		Goods Receipt (IN)																
		OBDNumber: <input type="text" value="14000006"/> Store: <input type="text" value="RTStore"/> Get Details																
Line No.	Part Number	BUoM/Qty.	MUoM/Qty.	IUoM/Qty.	Picked Qty.	Returned Qty.	Kit	Mfg. Date	Exp. Date	Serial No.	Batch No.	Plant	Stock Type	Calb. Dt.	Calb. Due Dt.	OEM BatchNo	Select	Return Qty.
1	RT304002800010 [9M1014-001]	EA/1.00	EA/1.00	EA/1.00	8.00	3.00					1063-06					<input checked="" type="checkbox"/>	5.00	
2	RT301000500002 [5M2919-3BW]	EA/1.00	EA/1.00	EA/1.00	2.00	1.00					1059-02					<input type="checkbox"/>	1.00	
3	RT307001300003 [9932-5]	EA/1.00	EA/1.00	EA/1.00	2.00	0.00					1353-01					<input type="checkbox"/>	2.00	
4	RT207002700124 [D38999/26JB98PA-LC]	EA/1.00	EA/1.00	EA/1.00	2.00	0.00					1086-04					<input type="checkbox"/>	2.00	

The Return Qty. Permitted column of the screen allows to return the quantity of each of the Line Item.

Once the return item is updated, the system displays the following message

"Successfully returned the materials with Store Ref. No: RT*****."

Business Rules

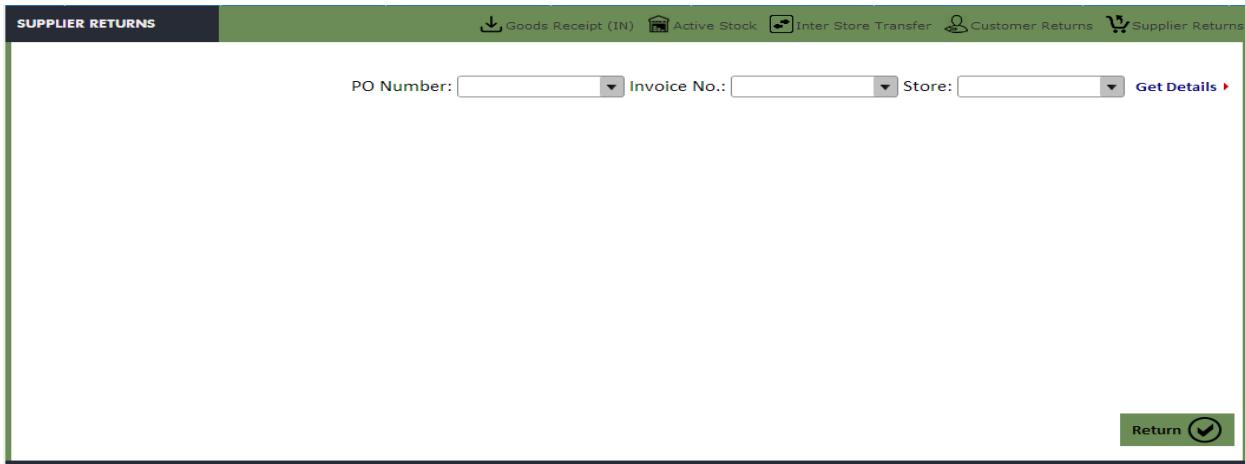
- OBD numbers with status as delivered will be available in the list

- On returning the material, a dummy inbound with a PO and invoice attached to it will be created, RTR will be generated, to receive into the inventory
- If the returned material is a kit item, then quantities of kit items to be returned should be in the ratio same as the ratio configured in kit planner
- Returned quantity column contains the quantities picked by the customer
- Returned quantity should be less than or equal to the available quantity
- Received quantity should be greater than M.Pick qty., and should be multiple of BUoM qty. (received value will be multiplied by C.F and value should be multiple of BUoM qty.)

8.5. Supplier Returns

[Link: Menu >> Inventory >> Supplier Returns](#)

The following screen displays the list of line items to the selected PO No., Invoice No., and Store



The screenshot shows a software interface titled "SUPPLIER RETURNS". At the top, there is a navigation bar with links: "Goods Receipt (IN)", "Active Stock", "Inter Store Transfer", "Customer Returns", and "Supplier Returns". Below the navigation bar, there is a search bar with fields for "PO Number", "Invoice No.", and "Store", each followed by a dropdown arrow. To the right of these fields is a button labeled "Get Details". In the bottom right corner of the main area, there is a green button labeled "Return" with a checkmark icon.

Line Items are with Line Number, Part Number, Quantities of B.UoM, Sales, and return. User can return the selected line item when the check box is enabled.

SUPPLIER RETURNS																							
		↓ Goods Receipt (IN) ↑ Active Stock Inter Store Transfer Customer Returns Supplier Returns																					
		PO Number: <input type="text" value="PO1400011"/> Invoice No.: <input type="text" value="INV201"/> Store: <input type="text" value="RTStore"/> Get Details																					
Line No.	Part Number	KitID	BUoM/ Qty.	MUoM/ Qty.	IUoM/ Qty.	Available Qty.	Returned Qty.	Picked Qty.	Is Dam.	Has Disc.	QC Non Conf.	As Is	Mfg. Date	Exp. Date	Serial No.	Batch No.	Plant	Stock Type	Calb. Dt.	Calb. Due Dt.	OEM BatchNo	Select	Return Qty.
1	RT88A920-201		BAG/1.00	BAG/1.00	BAG/1.00	12.00	0.00	0.00														<input type="checkbox"/>	12.00
3	RT88A920-203 [SCL-1/8-0-STK]		CAN/1.00	CAN/3.00	CAN/3.00	30.00	0.00	0.00														<input type="checkbox"/>	30.00
7	RT88A920-205 [SCL-1/8-0-STK]		BOX/1.00	CAR/2.00	CAR/2.00	16.00	0.00	0.00														<input type="checkbox"/>	16.00
5	RT88A920-206 [SCL-1/8-0-STK]		BT/2.00	CAR/2.00	CAR/2.00	12.00	0.00	0.00														<input checked="" type="checkbox"/>	12.00

 [Return](#) 

The Return Qty. Permitted column of the screen allows to return the quantity of each of the Line Item.

Once the return item is updated, the system displays the following message

"Successfully returned the materials with OBD Number: RRTS*****."

Business Rules

- PO numbers and invoices with their inbound status as GRN update will be available in the list
- On returning the quantity, a dummy outbound with a work order attached to it will be created, delivery pick note will be generated with the returned quantity as delivery doc. quantity to pick the item
- On picking the returned quantity, available quantity get reduced in the supplier returns grid
 - Available quantity= Available quantity - (Returned quantity - Picked quantity)
- Returned quantity should be less than or equal to the available quantity
- Received quantity should be greater than M.Pick qty., and should be multiple of BUoM qty. (received value will be multiplied by C.F and value should be multiple of BUoM qty.)

9. Orders

9.1. Tool Management

9.1.1. Issue List

[Link: Menu >> Orders >> Tool Management >> Issue List](#)

System displays issue list with Issue Ref. #, User Name, Issue Date, OBDNo's and Status Information. Issue List provides Search, Edit and Export to Excel functions based on the user role.

Functionality

- i. System allows to filter the issue's by selecting the 'Issue Status' from dropdown
- ii. The Issue's can be searched with Issue Ref. #

- iii. The 'Edit' function in Issue List allows to modify the Issue details with Issue Number field as disabled
- iv. The 'Export to Excel' function allows to download a file that contains issue details

ISSUE LIST					
Select Status: <input type="button" value="Open"/> Issue Ref.#... <input type="button" value="Search"/> <input type="button" value="X"/>					
Issue Ref. #	User Name	Issue Date	OBD Number's	Status	
ISS1400019 [3]	Babu R	23/07/2014		Open	Edit ▶
ISS1400016 [1]	Aruna Aithal B	23/07/2014	TM1400013	Open	Edit ▶
ISS1400015 [0]	Aishwarya R	23/07/2014		Open	Edit ▶
ISS1400014 [1]	Ashok Shirur	22/07/2014	TM1400012	Open	Edit ▶
ISS1400013 [1]	Babu R	22/07/2014	TM1400011	Open	Edit ▶
ISS1400012 [1]	Aishwarya R	22/07/2014	TM1400010	Open	Edit ▶
ISS1400011 [2]	Ashok Shirur	22/07/2014	TM1400009	Open	Edit ▶
ISS1400010 [2]	Aruna Aithal B	22/07/2014	TM1400008	Open	Edit ▶
ISS1400009 [0]	Arun Kumar N	22/07/2014		Open	Edit ▶
ISS1400008 [0]	Nagesh Malyala	22/07/2014		Open	Edit ▶

9.1.2. New issue

[Link: Menu >> Orders >> Tool Management >> New Issue](#)

This feature allows the user to request a new Issue. Issue Number is auto-generated control / can be externally generated. Issue detailed data is further segregated into Issue Item Details for its operations convenience.

The mandatory fields marked in red asterisk must be entered to create a new issue request.

Functionality

On creation of new issue following sections will be visible to update the required data

- i. **Issue Item Details:**
 - a. Allows to add item(s) for the issue with material type as 'Tool'
 - b. On configuring the materials, 'Release Tool' button will be visible
 - c. On releasing the tool, outbound with a delivery pick note will be generated

ISSUE DETAILS

Note: * indicates mandatory fields

Issue Order Header

* Issue Number: ISS1400004	* Employee: Aishwarya R	OPEN													
<input checked="" type="checkbox"/> IsActive <input type="checkbox"/> IsDeleted															
Release Tool  Close  Update 															
Line No.	Part Number	BUoM/ Qty	IsUoM/ Qty	KitPlanner	Kit Quantity	Quantity	Mfg. Date	Exp. Date	Serial No.	Batch No.	Plant	Stock Type	Calb. On Dt.	Calb. Due Dt.	Delete
1	RT10002	EA/2.00	EA/2.00			98.00									<input type="checkbox"/> Edit 
															Delete

9.1.3. Tools Returns

[Link: Menu >> Orders >> Tool Management >> Tool Returns](#)

The following screen displays the list of line items to the Employee, Issue No., and Store

TOOL RETURNS

Purchase Order Work Order Tool Management

Employee: Issue No.: Store: [Get Details](#) 

[Return](#) 

Line Items are with Line Number, Part Number, Quantities of B.UoM, Sales, and return. User can return the selected line item when the check box is enabled.

TOOL RETURNS															Purchase Order Work Order Tool Management			
Employee: Arif Basha.A Issue No.: ISS1400002 Store: RTStore Get Details ▾																		
Line No.	Part Number	BUoM/Qty.	MUoM/Qty.	IUoM/Qty.	Received Qty.	Returned Qty.	kit	Mfg. Date	Exp. Date	Serial No.	Batch No.	Plant	Stock Type	Calb. Dt.	Calb. Due Dt.	OEM BatchNo	Select	Return Qty.
1	PM/BSS-120	EA/1.00	EA/1.00	EA/1.00	4.00	0.00											<input type="checkbox"/>	4.00
1	PM/BSS-120	EA/1.00	EA/1.00	EA/1.00	2.00	1.00				9182						<input type="checkbox"/>	1.00	
2	PM/BSS-130	EA/1.00	EA/1.00	EA/1.00	6.00	4.00										<input checked="" type="checkbox"/>	2.00	

Return

The Return Qty. Permitted column of the screen allows to return the quantity of each of the Line Item.

Once the return item is updated, the system displays the following message

"Successfully returned the materials with Store ref. no. RRTS*****"

Business Rules

- Issue with their outbound status as Delivered will be available in the list
- On returning the quantity, a dummy inbound with an invoice attached to it will be created, RTR will be generated with the returned quantity as invoice quantity to receive the item
- Returned quantity should be less than or equal to the available quantity
- Received quantity should be greater than M.Pick qty., and should be multiple of BUoM qty. (received value will be multiplied by C.F and value should be multiple of BUoM qty.)

9.1.4. Tool Issue List

[Link: Menu >> Orders >> Tool Management >> Tool Issue List](#)

The following screen displays the track of issued tools

TOOL ISSUES LIST					
		Purchase Order	Work Order	Tool Management	
		Search Tool ...	Search Employee ...	Get Details ▾	
Issue Ref. No.	Employee	Tool	Serial No.	Batch No.	Calibration Due Date
ISS1400002	Arif Basha.A	PM/BSS-120 [PM/BSS]			
ISS1400002	Arif Basha.A	PM/BSS-120 [PM/BSS]			
ISS1400002	Arif Basha.A	PM/BSS-120 [PM/BSS]		9182	
ISS1400002	Arif Basha.A	PM/BSS-130 [PM/BSS]			
ISS1400002	Arif Basha.A	PM/BSS-130 [PM/BSS]			
ISS1400004	Arif Basha.A	PM/BSS-140 [PM/BSS]			30/06/2014
ISS1400004	Arif Basha.A	PM/BSS-141 [PM/BSS]			30/06/2014
ISS1400020	Sampath Kumari K	TL/CDF-100 [TL/CDF-100]		1075	31/07/2014
ISS1400020	Sampath Kumari K	TL/CDF-100 [TL/CDF-100]	108	1077	28/07/2014
ISS1400020	Sampath Kumari K	TL/CDF-100 [TL/CDF-100]		1079	29/07/2014