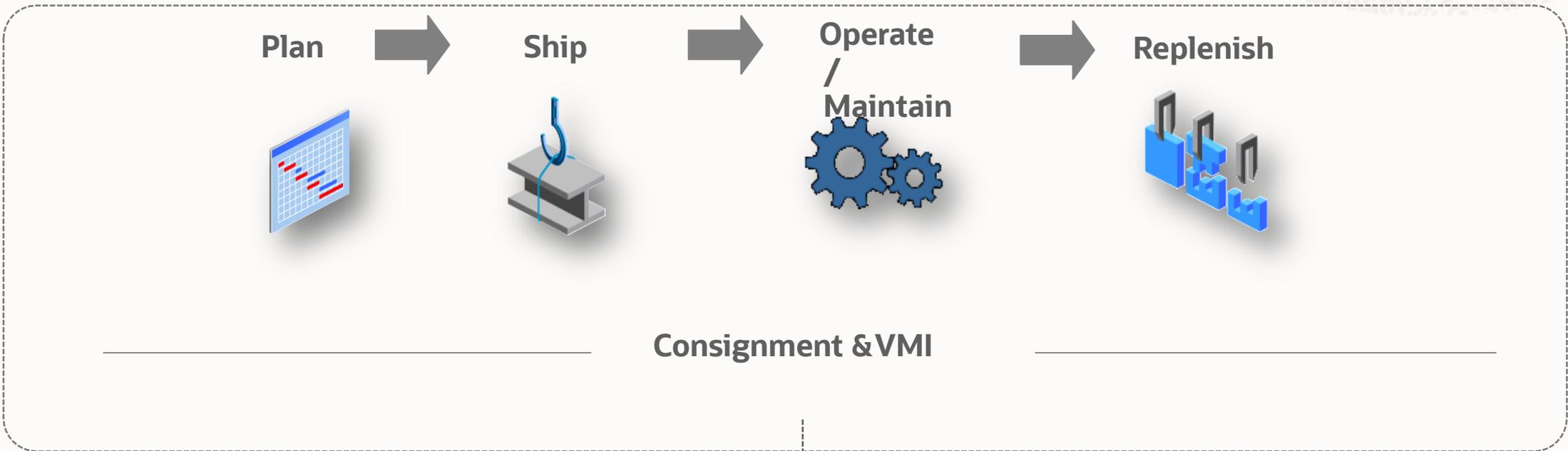


ORACLE

JD Edwards EnterpriseOne Outbound Inventory Management

—

Business Challenges



Manufacturing and Distribution **suppliers** are increasingly being asked to manage the inventory at their customer's locations.

JDEdwards customers have had to make **customizations** to easily support Vendor Managed Inventory (VMI) business processes.



Outbound Inventory Management - Overview

What is it?

- Sell-side vendor managed and consigned inventory
- Integrates in standard Order-to-Cash process

Who is it for?

Industries such as Life Sciences, Industrial Manufacturing, Food and Beverage, and Wholesale Distribution

New SKU

- New SKU for JDEdwards EnterpriseOne Outbound Inventory Management
- New SKU for One View Reporting (OVR) for JDEdwards EnterpriseOne Outbound Inventory Management



Outbound Inventory Management – Solution Overview



- Supports business processes for managing goods located at a customer's location as part of the order-to-cash process
- Includes shipping goods, monitoring usage, replenishing goods, and billing goods based on the agreement with the customer which dictates ownership
- Supports:
 - **Consigned Inventory:** Inventory owned by the supplier, which is in the possession of the customer (buyer)
 - **VMI:** Inventory owned either by the supplier or by the customer

JD Edwards EnterpriseOne Outbound Inventory Management

Empowering Suppliers and Streamlining the Order-to-Cash Process



Key Benefits and Value Proposition



Effective management and visibility of consigned and non-consigned agreements

Reduce and/or maximize warehouse space by stocking inventory at the customers' location.



Reduce inventory management costs and stock-outs

Reduce demand uncertainty, planning costs, ordering cost



Tracking financial ownership of inventory
Automatic billing and replenishment



Increase customer loyalty
Seamlessly embedded in the order-to-cash process
Increase sales



Solution Overview – Outbound Inventory Management

- Outbound branch/plant
- Customer Agreement Management
- Order Creation
- Receipt Acknowledgement
- Consumption Reporting
- Invoicing
- Replenishment
 - One-to-one
 - Reorder Point
- Returns



Solution Overview – Outbound Inventory Management

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- Customer Agreement Management
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 - One-to-one
 - Reorder Point
- Returns



Solution Details – Outbound Inventory Agreements



- Specify **agreement terms** and conditions
- Set up **replenishment methods** for agreements
- **Revise** agreements and track all changes
- Set up **target inventory** level to be maintained at customer's location
- **Track historical** agreement information

Outbound Inventory Agreements



Outbound Inventory Agreement Master Revisions

✓ ✕ ⚙ Form ⚙ Tools

Agreement Number *	SVRBL2014-15	Agreement Supplement	1
Description *	Agreement for BLR Location	Branch/Plant *	30 Eastern Distribution Center
Description 2	Deals with Consigned Inventory	Agreement Date *	09/30/2015
Description 3	Only for fixed period	Agreement Status *	A Active
Sold To *	72721 OIM Direct Ship Supplier	Agreement Type *	C Consigned Inventory Agreement
Effective Date *	09/30/2015	Expiration Date *	12/31/2040
Cancellation Date		Cancellation Reason	Blank Value
Customer PO	SVRPO2014-1	Action on Expiration	B Bill for remaining goods
Agreement Manager	8866327 Joseph Joseph	Price at Amb/Std/Wgt	A Ambient Volume
Customer Contact	Peter Moore	Write Accommodations	N No
Associated Agreement		Category Code 1	Blank
Parent Agreement		Category Code 2	Blank
Created From Agreement		Category Code 3	Blank
Created To Agreement		Category Code 4	Blank
Reference 1	Customer location is near	Reference 2	Cherry Creek Building
Reference 3	at the City Centre	Reference 4	

Outbound Inventory Agreements contains:

- Agreement Number
- Branch/Plant
- Effective and expiry dates
- Sold To, Agreement Type
- Category codes
- Reference fields



Solution Details – Outbound Order Entry



- Enter orders that **contain mix** of lines (consigned, VMI, and other order detail lines)
- Automatically **associate** outbound inventory agreements with order lines
- **Select** outbound inventory agreement during sales order entry

Order Entry Outbound Agreement Resolution

Summarize Order Submit and Enter New Submit and Close Cancel

Sales Order Header Line Advisor Order Profit Order Summary

Edit Full Header Order Address Credit Check Attachments Credit Memo Go To: -- Select One --

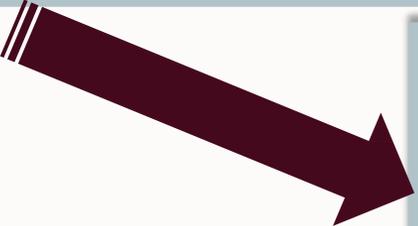
Order Number: 3152 SO 48264 Previous Order Number: [] [] []
 Sold To: 727203 Can & Can Warehouse Hold Code: [] Blank - Hold Codes 42/HC
 Ship To: 727203 Can & Can Warehouse Order Date: 04/05/2015
 Branch/Plant: 420000 Credit Message: [] [] []
 Customer PO: [] Temporary Credit Msg: [] [] []
 Currency: USD Exchange Rate: [] Base Currency: USD Foreign

Sales Order Detail Line Availability Free Goods Line Defaults

Check Availability Cancel Line Check Price Price History Kits/Configurator Cross Reference More Row Actions Outbound Agreement

Records 1 - 2

Quantity Ordered	UOM	Secondary Qty	Secondary UM	Item Number	Line Advisor	Line Type	Unit Price	Extended Price	Branch/Plant	Location	Lot Number	Line Number	Matrix Control Line Number	Requested Date	Requested Time	Description
10	EA	10	EA	420111		IS	.0000		420000	1.ABC.01		1.000		04/05/2015	0	Cochlear Im



Outbound Inventory Agreement Selection Layout: (No Layout)

✓ ✕ ⚙ Tools

Search By

Sold To: 727203 Can & Can Warehouse Branch/Plant: 420000 Worldwide Medical Center
 Ordered Date: 04/05/2015 Item Number: 420111 Cochlear Implants

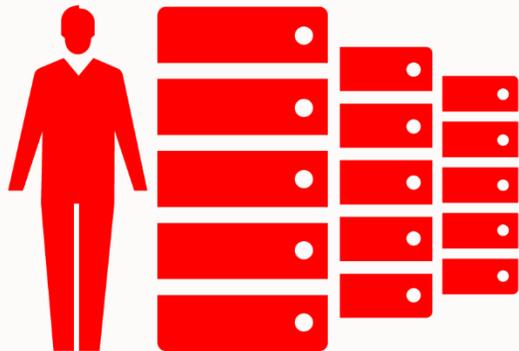
Available Agreements

Records 1 - 1

Agreement Number	Agreement Description	Agreement Type	Agreement Type Description	Supplement Number	Ship To	Ship To Name	Ship To Location	Outbound Branch/Plant	Quantity Ordered
AGRE_727203	Agreement for Print materials	C	Consigned Inventory Agreement		727203	Can & Can Warehouse	727201DENUS	420011	

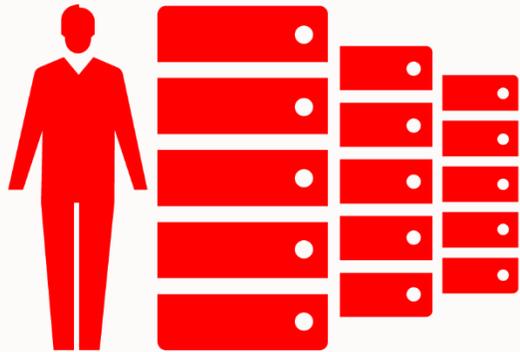


Solution Details - Acknowledgement



- Ability to track **in-transit** inventory
- Acknowledge **receipt** of orders after they arrive at customer's location
- **Batch** acknowledgement of outbound orders
- Ability to place damaged goods in a **held location**

Solution Details – Holding Damaged/Repairable Inventory



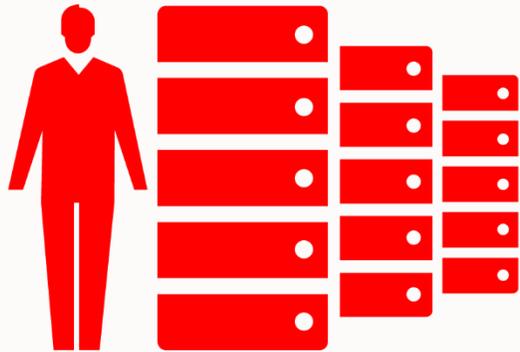
- Ability to track **in-transit** inventory
- Acknowledge **receipt** of orders after they arrive at customer's location
- **Batch** acknowledgement of outbound orders
- Ability to place damaged goods in a **held location**

Solution Details - Invoicing



- Generates an invoice for **consumed items** that were originally shipped on consignment
- Generates an invoice for **replenishment orders** for non-consignment shipments

Solution Details – Inventory Consumption



- Customer **consumes** items and inventory balances are updated
- Generate **invoice** or **replenishment** orders
- Lot level **consumption** reporting

Outbound Inventory Consumption

Report Outbound Inventory Consumption Layout | (No Layout) ▾

Report Consumption Form Tools

Search By **As If UOM**

Item Number *
 Sold To *
 Location *
 Lot/Serial *

Outbound Branch/Plant 420011 H2O Corporation
 Ship To *
 Customer PO
 Summarize By
 Item/Location Item/Location/Lot Batch Number

Item Information

Override Price/Quantity

Records 1 - 10

Item Number	Item Description	Full Consumption	Quantity Consumed	Quantity Remaining	Consumption UOM	Quantity Available	Availability UOM	Consumption Date	Consumption Reported Date	Sold To	Ship To	Location	Age Of Inventory	Effective Date	Expiration Date
420102	Vascular Grafts	<input type="checkbox"/>	12.0000		EA	31	EA	09/28/2015	09/28/2015	727201	727201	727201.DEN.US	89	01/01/2015	11/30/2015
420103	Fistula Plug	<input checked="" type="checkbox"/>				15	EA	09/28/2015	09/28/2015	727204	727204	727201.DEN.US	89	01/01/2015	12/31/2015
420104	Defibrillator	<input type="checkbox"/>		3.0000	EA	9	EA	09/28/2015	09/28/2015	727205	727205	727201.DEN.US	89	01/01/2015	12/31/2015
420109	Tracheal Tube	<input type="checkbox"/>		4.0000	EA	7	EA	09/28/2015	09/28/2015	727205	727205	727201.DEN.US	89	01/01/2015	12/31/2015
420105	Surgical Spirit	<input type="checkbox"/>	25.0000		EA	25	EA	09/28/2015	09/28/2015	727206	727206	727201.DEN.US	89	01/01/2015	12/31/2015
420108	Saliva Absorber	<input type="checkbox"/>		6.0000	EA	12	EA	09/28/2015	09/28/2015	727206	727206	727201.DEN.US	89	01/01/2015	12/31/2015
420106	Adenotome	<input checked="" type="checkbox"/>				10	EA	09/23/2015	09/28/2015	727207	727207	727201.DEN.US	89	01/01/2015	12/31/2015
420107	Audiometer	<input type="checkbox"/>	13.0000		EA	20	EA	09/15/2015	09/28/2015	727207	727207	727201.DEN.US	89	01/01/2015	12/31/2015
420110	D J Stent	<input type="checkbox"/>	11.0000		EA	14	EA	09/25/2015	09/28/2015	727211	727211	727201.DEN.US	89	01/01/2015	12/31/2015

- Enter consumption with or without lot
- Ability to enter consumed quantity or quantity remaining
- Ability to track consumption date

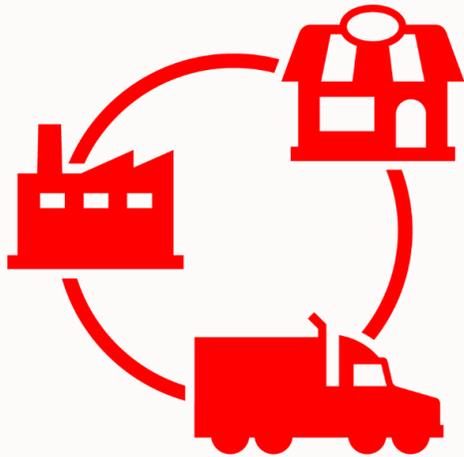


Solution Details – Override and Approval for Price and Quantity



- Override **price** and **quantity** when creating replenishment orders
- **Approval** can be required from the agreement manager for overrides
- Agreement manager **approves** or **modifies** the override

Solution Details - Replenishment



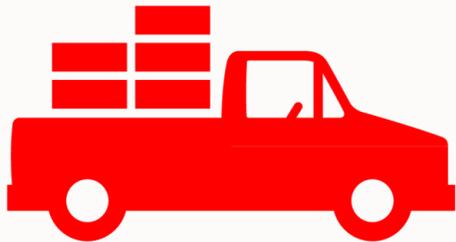
- Restock inventory at customer's location
- Use one-to-one or reorder point replenishment methods
- Automatic replenishment after consumption reporting

Solution Details – End-of-Day Processing



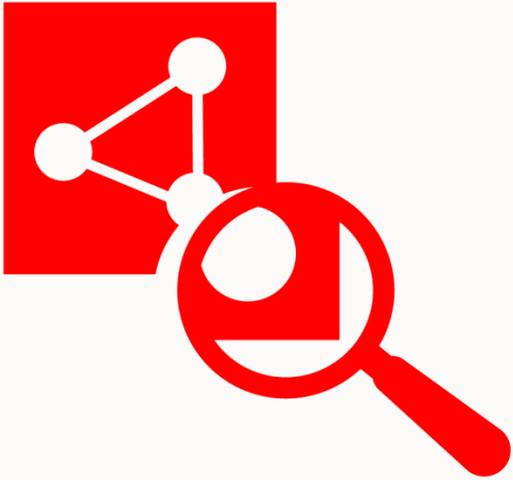
- Run Sales Update for consigned orders, VMI orders, and a **mix of orders** (consigned, VMI, and other orders)
- Identify consigned shipment **ledger entries**
- New **document type** to track consigned shipments

Solution Details – Entering Additional Orders



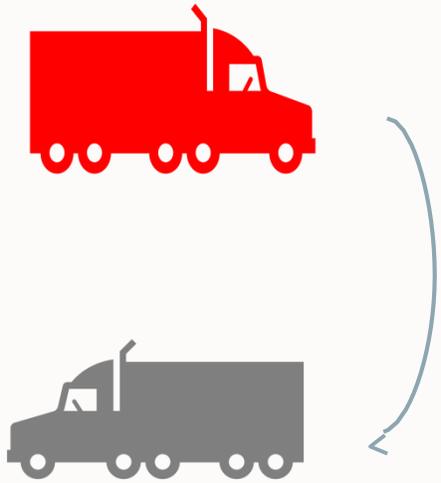
- Supports **direct ship orders**
- Supports **foreign consigned and VMI** orders
- Transfer the **ownership** of consigned inventory through intercompany orders
- Settle **financial obligations** between the shipping company and the company owning the consigned inventory, through intercompany processing

Solution Details – Outbound Inventory Availability



- Keep **track of inventory** at customer's location
- Track **on-hand** quantity, **remaining** quantity, and **in-transit** quantity
- Track **value** and **age** of inventory at customer's location

Solution Details – RMA Outbound Return Process



- Return **damaged** or **unused** inventory
- Uses existing **RMA** (Return Material Authorization) feature
- **Update** agreement and inventory **balances**

Solution Details – Outbound Availability



- **Track and monitor** the performance of your consigned or VMI business
- Track the **age** and **value** of inventory
- Enable outbound availability search with **Ship to** customer and **Item Group**

Outbound Availability



Work With Outbound Inventory Availability Query: All Records

Agreement/Supplement: * Outbound Branch/Plant: *

Sold To: * Item Number: *

Outbound Item Group: *

Records 1 - 40

Agreement Number	Agreement Supplement	Agreement Type	Item Number	Item Description	Outbound Item Group	Outbound Branch/Plant	Sold To	Sold To Name	Location	Agreement Quantity	Remaining Quantity	Agreement UOM
AGR3		1 C	AUDI A1	AUDI A1		420011	4242 Capital System	L1 . .		1000.0000	945.0000	EA
AGR3		1 C			A16	420011	4242 Capital System	L1 . .		1000.0000	970.0000	EA
AGR4V		C	AUDI A4	AUDI A4		420011	4242 Capital System	L1 . .		1000.0000	1000.0000	EA
AGR4V		C	AUDI A5	AUDI A5		420011	4242 Capital System	L1 . .		1000.0000	999.0000	EA
AGRSV		V	AUDI A4	AUDI A4		420011	4242 Capital System	L1 . .		1000.0000	980.0000	EA
AGRSV		V	AUDI A5	AUDI A5		420011	4242 Capital System	L1 . .		1000.0000	979.0000	EA
AGR6		C	AUDI A2	AUDI A2		420011	4242 Capital System	L1 . .		1000.0000	980.0000	EA
AGR8		V			A2016	420011	4242 Capital System	L1 . .		1000.0000	970.0000	EA
AGR8		V	AUDI A4	AUDI A4		420011	4242 Capital System	L1 . .		1000.0000	1000.0000	EA
AGR11		C	5252	Mountain Bike, Red		420011	4242 Capital System	. .		10000.0000	9872.0000	EA

Availability Details

Find Omit Zero Quantities

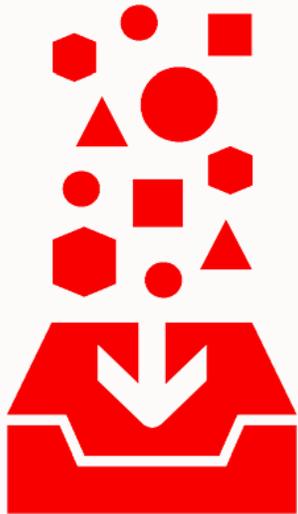
Records 1 - 2

Item Number	Item Description	Ship To	Ship To Name	Lot Serial Number	Location	Outbound Inventory Location Type	Outbound Location Type Description	Last Received Date	On Hand Quantity	Sec Qu
AUDI A2	AUDI A2		4242 Capital System		L1 . .	C	Customer Location			
AUDI A3	AUDI A3		4242 Capital System		L1 . .	C	Customer Location			

- Support outbound Item group
- Support Omit Zero Quantity
- Moved age & value of inventory to a new form
- Enable Ship To customer search

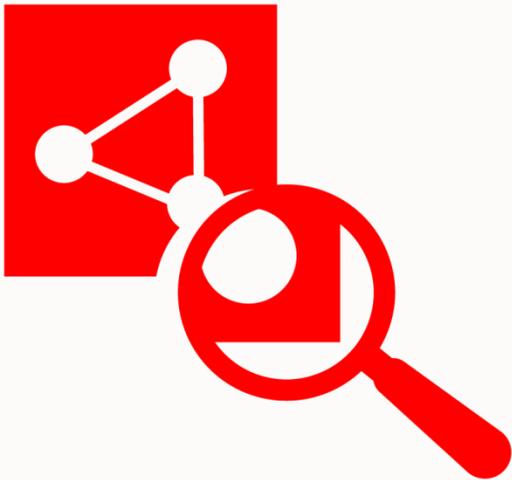


Solution Details – EDI Consumption Reporting



- **New transaction set** to identify the inbound consumption
- Existing **ANSI852** and **EDIFACTINVRPT** to support outbound inventory consumption

Solution Details – Consumption Audit



- Ensures that the **inventory consumption** reported by the customer is **accurate**
- New program outbound inventory **cycle count** to enter the counted quantity
- Take **corrective action** based on the counted quantity
- **Reverse** a consumption record

Cycle Count Review



Work With Outbound Inventory Cycle Count Detail Layout: (No Layout) Query: All Records

Cycle Count Number
 Branch Plant

Records 1 - 8

Item Number	Item Description	Count Date	Primary Quantity On Hand	Primary Quantity Counted	Quantity Variance	% Quantity Variance	Secondary Quantity On Hand	Secondary Quantity Counted	Secondary Quantity Variance	Secondary % Quantity Variance	Amount On Hand	Amount Counted
<input checked="" type="radio"/> REGDUAL1	Iron Sheets		4.0000	.0000			45.0000	.0000			20.0000	
<input type="radio"/> REGDUAL1	Iron Sheets		7.0000	.0000			70.0000	.0000			35.0000	
<input type="radio"/> REGDUAL1	Iron Sheets		5.0000	.0000			50.0000	.0000			25.0000	
<input type="radio"/> REGDUAL1	Iron Sheets		9.0000	.0000			90.0000	.0000			45.0000	
<input type="radio"/> REGDUAL1	Iron Sheets		2.0000	.0000			20.0000	.0000			10.0000	
<input type="radio"/> REGDUAL1	Iron Sheets		1.0000	.0000			10.0000	.0000			5.0000	
<input type="radio"/>	TOTALS		28.0000	.0000			285.0000	.0000				



Cycle Count Entry



Work With Outbound Inventory Cycle Count Entry Layout: (No Layout) Query: All Records

✓ 🔍 ✕ ⚙️ Tools

Cycle Count Number: 15 Item Number: *

Counted By: * Branch Plant: *

Records 1 - 7

	Quantity	UOM	UOM Description	Total Primary Quantity	UOM	UOM Description	Secondary Quantity	Secondary UOM	Secondary UOM Description	Total Secondary Quantity	Secondary UOM	Secondary UOM Description	Item Number	Item Description	Branch Plant
<input checked="" type="radio"/>		EA	Each	.0000	EA	Each		LB	Pounds	.0000	LB	Pounds	REGDUAL1	Iron Sheets	550011
<input type="radio"/>		EA	Each	.0000	EA	Each		LB	Pounds	.0000	LB	Pounds	REGDUAL1	Iron Sheets	550011
<input type="radio"/>		EA	Each	.0000	EA	Each		LB	Pounds	.0000	LB	Pounds	REGDUAL1	Iron Sheets	550011
<input type="radio"/>		EA	Each	.0000	EA	Each		LB	Pounds	.0000	LB	Pounds	REGDUAL1	Iron Sheets	550011
<input type="radio"/>		EA	Each	.0000	EA	Each		LB	Pounds	.0000	LB	Pounds	REGDUAL1	Iron Sheets	550011
<input type="radio"/>		EA	Each	.0000	EA	Each		LB	Pounds	.0000	LB	Pounds	REGDUAL1	Iron Sheets	550011
<input type="radio"/>															

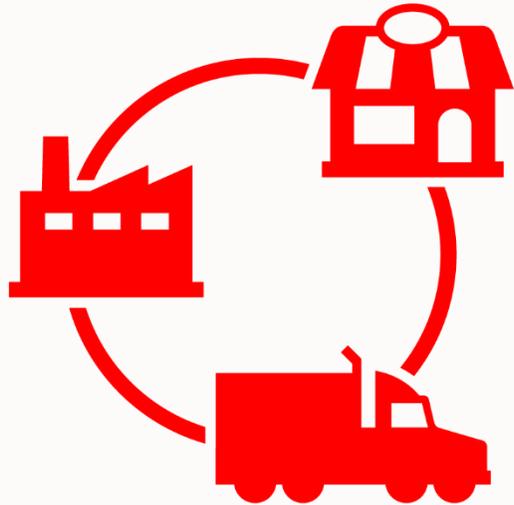


Solution Details – Agreement for Item Group



- **New** outbound inventory item group
- **Enhanced** outbound inventory business processes to support item group
- **Minimize** agreement maintenance

Solution Details – Replenishment Planning Frequency



- **Replenishment frequency schedule** pick the date and time for replenishment (daily, weekly, monthly)
- Initiate **replenishment** based on the frequency schedule
- Replenishment considers **item availability** at customers' location

Frequency Schedule

Work With Outbound Inventory Frequency Schedule

Layout: (No Layout) Query: All Records

Frequency Schedule

Records 1 - 7

Frequency Schedule	Description	Weekday	Weekend	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Day	Scheduled Days	Scheduled Weeks
ALTERDAY	alternate days	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			1
DAILREM	desc	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			1
DAY1	Daily Replenish	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
MON1	Monthly Replenishment	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0		
WEEK1	Weekly Replenishment	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
YEAR1	Yearly Replenishment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			29
YEAREM	desc	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			11



Solution Details – One View Reporting



- One View Reporting enables users to access and personalize transaction data into **lists**, **charts**, **graphs** and **tables** thus simplifying the consumption of information.
- **Three** One View Reporting applications and **nine** out-of-the-box reports to answer common consigned and VMI business problems.



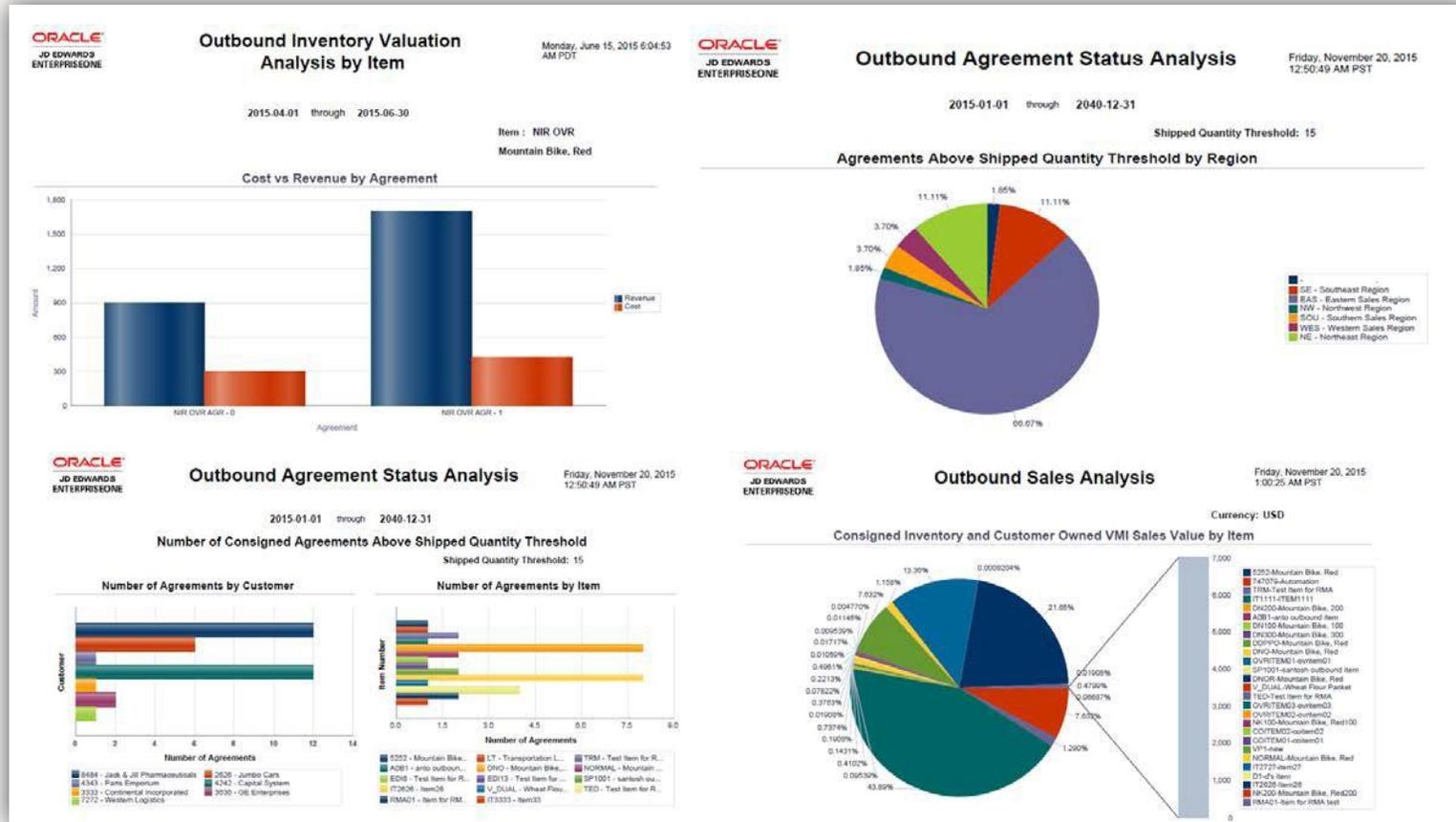
Solution Details – One View Reporting



- Outbound **Agreement** Analysis
- Outbound **Agreement Quantity** Analysis
- Outbound **Inventory Valuation** Analysis
- Outbound **Inventory Consumption** Analysis



New One View Reports



ORACLE

Title

