




# Oracle EBS Enterprise Command Centers

Venkanna Mittakanti  
Lead Oracle Apps Analyst  
Siemens Corporation

*PEOPLE POWERING PROGRESS*

## About the speaker



- Oracle Associate ACE 
- Over 20 years of experience working with Oracle EBS and Oracle technologies, focusing on implementing, designing, developing and maintaining of Oracle EBS since 2002.
- Specializing in Supply-Chain modules implementations and solutions since 2013
- Have worked 7 years with Oracle Corporation for the EBS product development
- Currently the Lead Oracle Apps Analyst at Siemens Corporation
- Board Member of Texas-Louisiana Oracle Applications & Technology User Group(TLOATUG)
- Active member in multiple OATUG Special Interest Groups(SIGs)

# Agenda

- Overview of Oracle EBS Enterprise Command Centers & Key Features
- Order Management & Procurement ECC demos
- EBS Integration and Security
- Available ECC Dashboards across EBS
- Benefits
- Enterprise Command Center Framework Architecture
- Extending ECC Dashboards
- Questions?

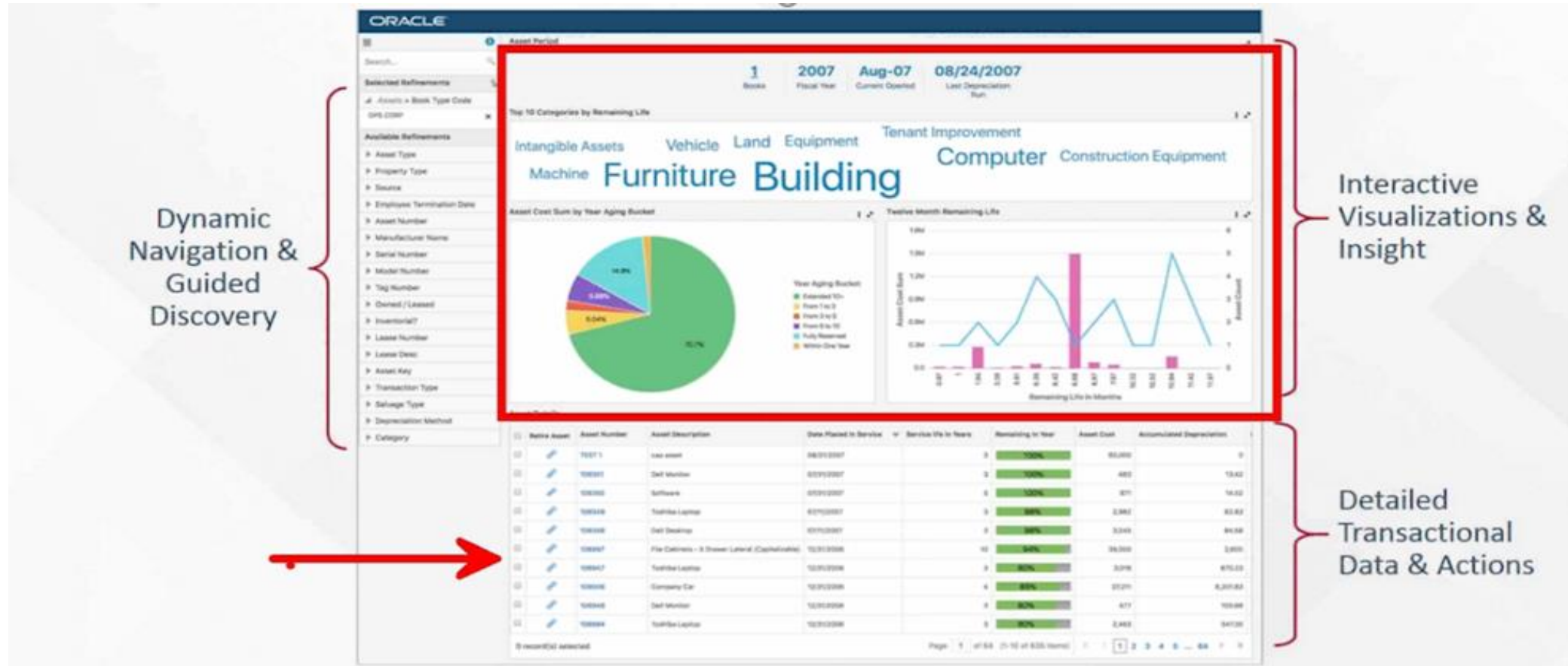
# Overview of Oracle Enterprise Command Centers

- Aimed at solving the problem of what users should work on next, without custom operational reporting
- Are fully integrated with Oracle E-Business Suite to enable enterprises to optimize operational decisions and improve process efficiency with real-time access to operational data, driving better cost and revenue decisions
- ECC dashboards enable **information-driven navigation** to help users focus on the right information, at the right time, to make the right decisions
- Provides information discovery, visualization, and exploration capabilities embedded within the Oracle EBS User interface
- ECC comes with an out of the box page which will help you to get started very quickly without any training
- Enterprise Command Centers are delivered with EBS R12.2.4 and higher versions. No additional licensing needed.

# Overview of Oracle Enterprise Command Centers

- 22 Enterprise Command Centers comprising 72 dashboards are available with Oracle EBS R12.2.9
- Multi-Lingual Support - Easy to Deploy Different Languages in same instance
- Extensible with ECC Framework - Easy to Change and Add Dashboards for EBS-Related Data
- **Information-Driven Navigation**
  - Browse and drill on actionable indicators
  - Use consumer-like search and filters
  - Displayed data recalculated with each drill
  - “Conversation with the data” to narrow in on most important priorities
  - Take action on selected transactions

# Overview of Oracle Enterprise Command Centers



- Users navigate transactional information using interactive visual components and guided discovery that allow exploratory data analysis. The ability to drill down to detailed insights into the data allow the dashboards to be action driven.

# Enterprise Command Centers Key Features

1



## Modern User Experience

- Information Discovery
- Advanced Search
- Embedded Analytics

2



## Out of Box Content

- ERP/SCM Coverage
- Support for Various User Roles

3



## Integrated

- Seamless UI Integration
- Secured by EBS
- Extensible

# Order Management ECC Demo – Orders Dashboard

- Orders summary page

Oracle Order Management

Command Center Orders

### Orders Dashboard

Currency = US dollar

Orders

16 Draft 6 With Alerts 19 Late 20 Open

Orders Alerts Customers

#### Orders By Order Date

7+ Days Order Date

With Alerts	Count
No	44
Yes	6

#### Orders By Request Date

In the Past Request Date

With Alerts	Count
No	44
Yes	6

Orders Order Lines

Update	Alert	Order Number	Customer	Customer Number	Ship To Location	Customer PO	Order Date	Request Date	Order Total	Status	Order Type	Alert Count	Holds	Customer Service Rep
<input type="checkbox"/>	<input type="checkbox"/>	69350	Business World	1608	San Jose (OPS)		01-Aug-2019	01-Aug-2019	45	Entered	Mixed	0		Stock, Ms. Pat



# Order Management ECC Demo – Orders Dashboard

- Orders (Tab) – Lines Transactional data view

Command Center | Orders

## Orders Dashboard

Currency = US dollar

Search...

Selected Refinements

Order Lines > Customer Service Rep

Stock, Ms. Pat

Available Refinements

- Order
- Customer

Orders

16  
Draft
6  
With Alerts
19  
Late
20  
Open

Orders By Order Date

Order Date	No Alerts	With Alerts
7+ Days	44	6

Orders By Request Date

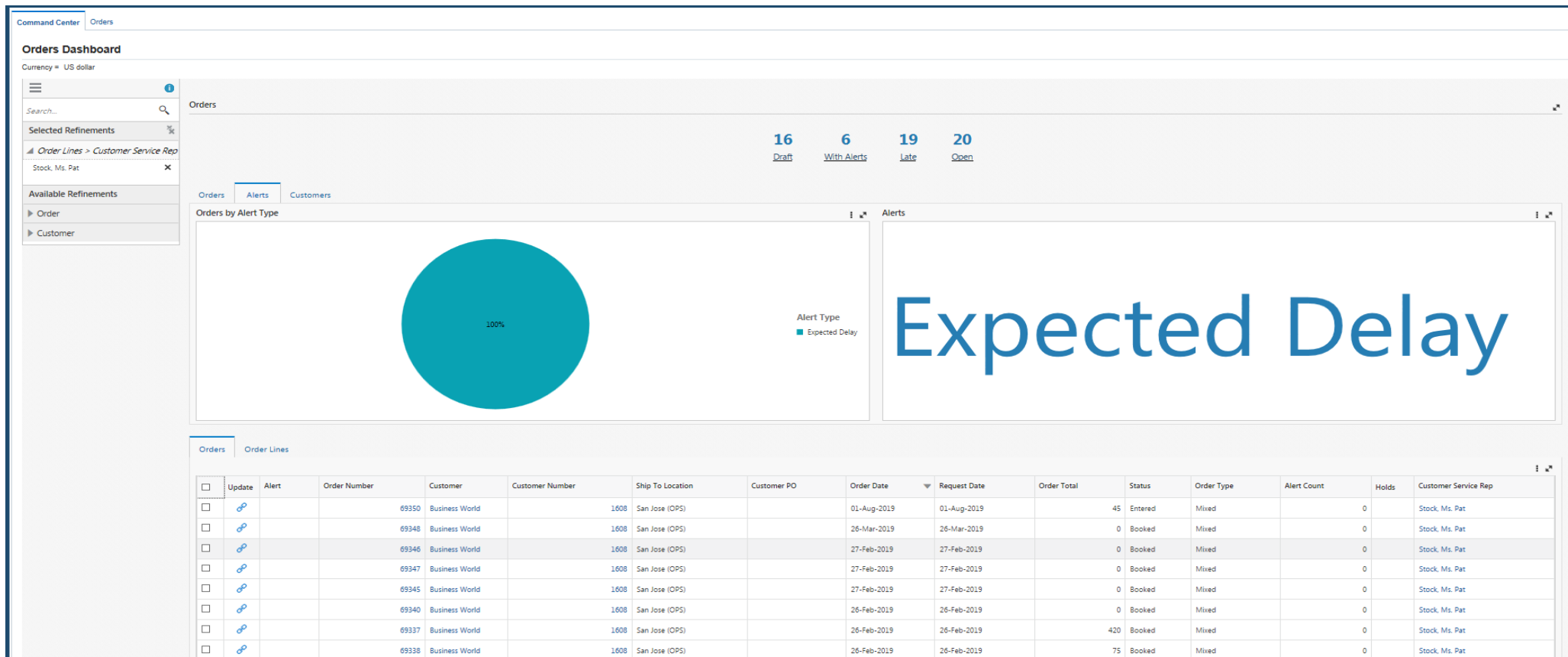
Request Date	No Alerts	With Alerts
In the Past	44	6

Orders | Order Lines

Update	Alert	Order Number	Line Number	Customer	Product	Line Quantity	UOM	Line Amount	Order Total	Status	Alert Count	Holds
<input type="checkbox"/>	<a href="#">Link</a>	69350	1.1	Business World	AS11003	3	Ea	45	45	Entered	0	
<input type="checkbox"/>	<a href="#">Link</a>	69348	2.1	Business World	ASC4888	1	Pa	0	0	Closed	0	

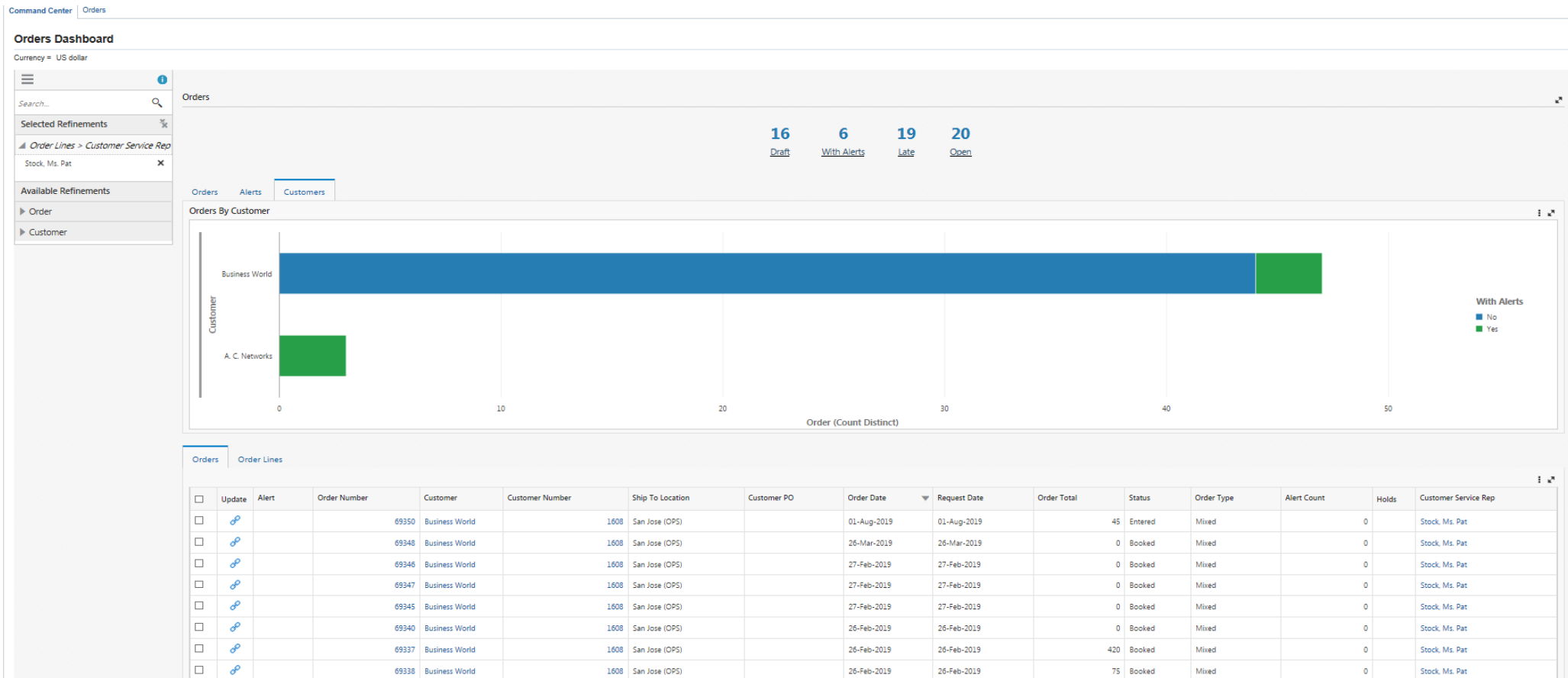
# Order Management ECC Demo – Orders Dashboard

- Alerts (tab)



# Order Management ECC Demo – Orders Dashboard

- Customers (tab)



# Order Management ECC Demo – Orders Dashboard

- Orders - Draft status

Command Center Orders

## Orders Dashboard

Currency = US dollar

Search...

Selected Refinements

- Order Lines > Customer Service Rep  
Stock, Ms. Pat
- Order Lines > Open Flag  
Y
- Order Lines > Booked Flag  
N

Available Refinements

- Order
  - Order Number
  - Product
  - Product Description
  - Warehouse
  - Salesperson
  - Operating Unit
  - Order Total
  - Line Amount
  - Order Type
- Customer
  - Ship To Location
  - Ship To Country

Orders

16 Draft | 0 With Alerts | 0 Late | 0 Open

Orders Alerts Customers

Orders By Order Date

Orders By Request Date

Orders Order Lines

	Update	Alert	Order Number	Customer	Customer Number	Ship To Location	Customer PO	Order Date	Request Date	Order Total	Status	Order Type	Alert Count	Holds	Customer Service Rep
<input type="checkbox"/>	<a href="#">🔗</a>		69350	Business World	1608	San Jose (OPS)		01-Aug-2019	01-Aug-2019	45	Entered	Mixed	0		Stock, Ms. Pat
<input type="checkbox"/>	<a href="#">🔗</a>		67322	Business World	1608	San Jose (OPS)		06-Apr-2009	06-Apr-2009	999	Entered	Mixed	0		Stock, Ms. Pat

# Order Management ECC Demo – Orders Dashboard

- Orders - Draft status

<input type="checkbox"/>	<a href="#">🔗</a>		67198	Business World	1608	San Jose (OPS)		02-Mar-2009	02-Mar-2009	32,289.8	Entered	Mixed	0	Stock, Ms. Pat
<input type="checkbox"/>	<a href="#">🔗</a>		43014	Business World	1608			16-Aug-2007	16-Aug-2007	0	Entered	Standard Mixed (ADB)	0	Stock, Ms. Pat
<input type="checkbox"/>	<a href="#">🔗</a>		102781	Business World	1608	Bremen		31-Aug-2004	31-Aug-2004	2,261.57	Entered	DE Mixed	0	Stock, Ms. Pat
<input type="checkbox"/>	<a href="#">🔗</a>		303851	Business World	1608	2290		29-Jul-2004	29-Jul-2004	0	Entered	NL_Mixed	0	Stock, Ms. Pat
<input type="checkbox"/>	<a href="#">🔗</a>		200138	Business World	1608	Zoersel		14-Aug-2003	14-Aug-2003	0	Entered	BE Order Only	0	Stock, Ms. Pat
<input type="checkbox"/>	<a href="#">🔗</a>		102365	Business World	1608	Bremen		24-Jul-2003	24-Jul-2003	0	Entered	DE Gross Margin	0	Stock, Ms. Pat
<input type="checkbox"/>	<a href="#">🔗</a>		85037	Business World	1608	San Francisco		15-Feb-2002	15-Feb-2002	0	Entered	Mixed - Comms	0	Stock, Ms. Pat
<input type="checkbox"/>	<a href="#">🔗</a>		85036	Business World	1608	San Francisco		15-Feb-2002	15-Feb-2002	14,999	Entered	Mixed - Comms	0	Stock, Ms. Pat

0 record(s) selected.

Page 1 of 2 (1-10 of 16 items) K < 1 2 > »

Orders		Order Lines													
<input type="checkbox"/>	Update	Alert	Order Number	Customer	Customer Number	Ship To Location	Customer PO	Order Date	Request Date	Order Total	Status	Order Type	Alert Count	Holds	Customer Service Rep
<input type="checkbox"/>	<a href="#">🔗</a>		85035	Business World	1608	San Francisco		07-Feb-2002	07-Feb-2002	0	Entered	Mixed - Comms	0		Stock, Ms. Pat
<input type="checkbox"/>	<a href="#">🔗</a>		85034	Business World	1608	San Francisco		07-Feb-2002	07-Feb-2002	232	Entered	Mixed - Comms	0		Stock, Ms. Pat
<input type="checkbox"/>	<a href="#">🔗</a>		85033	Business World	1608	San Francisco		07-Feb-2002	07-Feb-2002	0	Entered	Mixed - Comms	0		Stock, Ms. Pat
<input type="checkbox"/>	<a href="#">🔗</a>		85032	Business World	1608	San Francisco		07-Feb-2002	07-Feb-2002	0	Entered	Mixed - Comms	0		Stock, Ms. Pat
<input type="checkbox"/>	<a href="#">🔗</a>		85031	Business World	1608	San Francisco		07-Feb-2002	07-Feb-2002	0	Entered	Mixed - Comms	0		Stock, Ms. Pat
<input type="checkbox"/>	<a href="#">🔗</a>		85027	Business World	1608	San Francisco		05-Sep-2001	05-Sep-2001	0	Entered	Mixed - Comms	0		Stock, Ms. Pat

0 record(s) selected.

Page 2 of 2 (11-16 of 16 items) K < 1 2 > »

# Order Management ECC Demo – Orders Dashboard

- Alerts – By customers

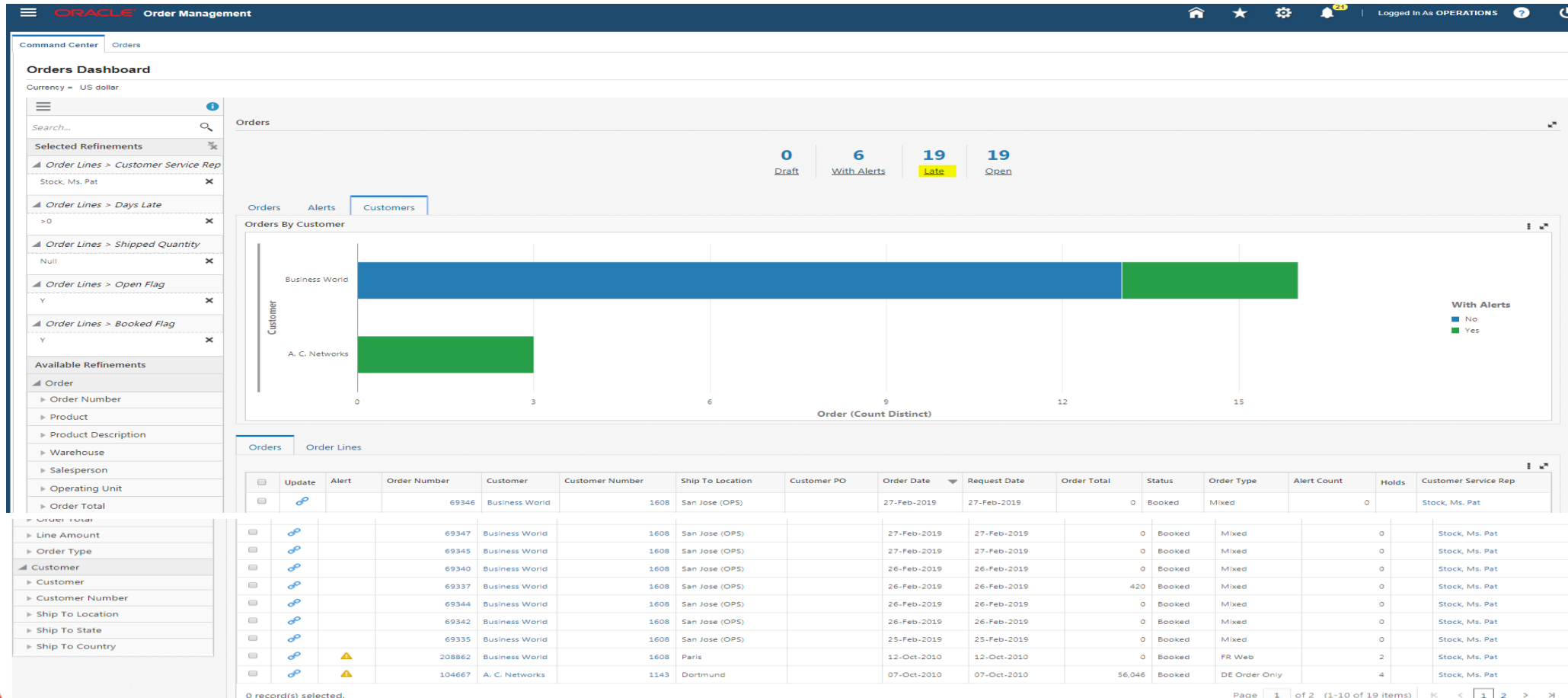
## Orders Dashboard

Currency = US dollar



# Order Management ECC Demo – Orders Dashboard

- Late (Missed schedule ship date)



# Order Management ECC Demo – Orders Dashboard

- Open Orders (Booked orders that are in progress)

Oracle Order Management

Command Center Orders

### Orders Dashboard

Currency = US dollar

Orders

0 Draft   55 With Alerts   93 Late   100 Open

Orders By Order Date

Orders By Request Date

Orders

Update	Alert	Order Number	Customer	Customer Number	Ship To Location	Customer PO	Order Date	Request Date	Order Total	Status	Order Type	Alert Count	Holds	Customer Service Rep
	⚠	69351	Vision	1021	Boston (OPS)		01-Aug-2019	02-Aug-2019	1,924.52	Booked	Mixed	1		
		95002	Vision	1021	Seattle (SNG)		28-May-2019	29-May-2019	0	Booked	Internal (SNG)	0		
		95003	Vision	1021	Seattle (SNG)		28-May-2019	29-May-2019	0	Booked	Internal (SNG)	0		
		95001	Vision	1021	Seattle (SNG)		22-May-2019	23-May-2019	0	Booked	Internal (SNG)	0		
		69349	Vision	1021	Seattle (OPS)		22-May-2019	23-May-2019	1,928.13	Booked	Mixed	0		
		69346	Business World	1608	San Jose (OPS)		27-Feb-2019	27-Feb-2019	0	Booked	Mixed	0		Stock, Ms. Pat
		69347	Business World	1608	San Jose (OPS)		27-Feb-2019	27-Feb-2019	0	Booked	Mixed	0		Stock, Ms. Pat
		69345	Business World	1608	San Jose (OPS)		27-Feb-2019	27-Feb-2019	0	Booked	Mixed	0		Stock, Ms. Pat
		69340	Business World	1608	San Jose (OPS)		26-Feb-2019	26-Feb-2019	0	Booked	Mixed	0		Stock, Ms. Pat
		69337	Business World	1608	San Jose (OPS)		26-Feb-2019	26-Feb-2019	420	Booked	Mixed	0		Stock, Ms. Pat

0 record(s) selected. Page 1 of 10 (1-10 of 100 items)

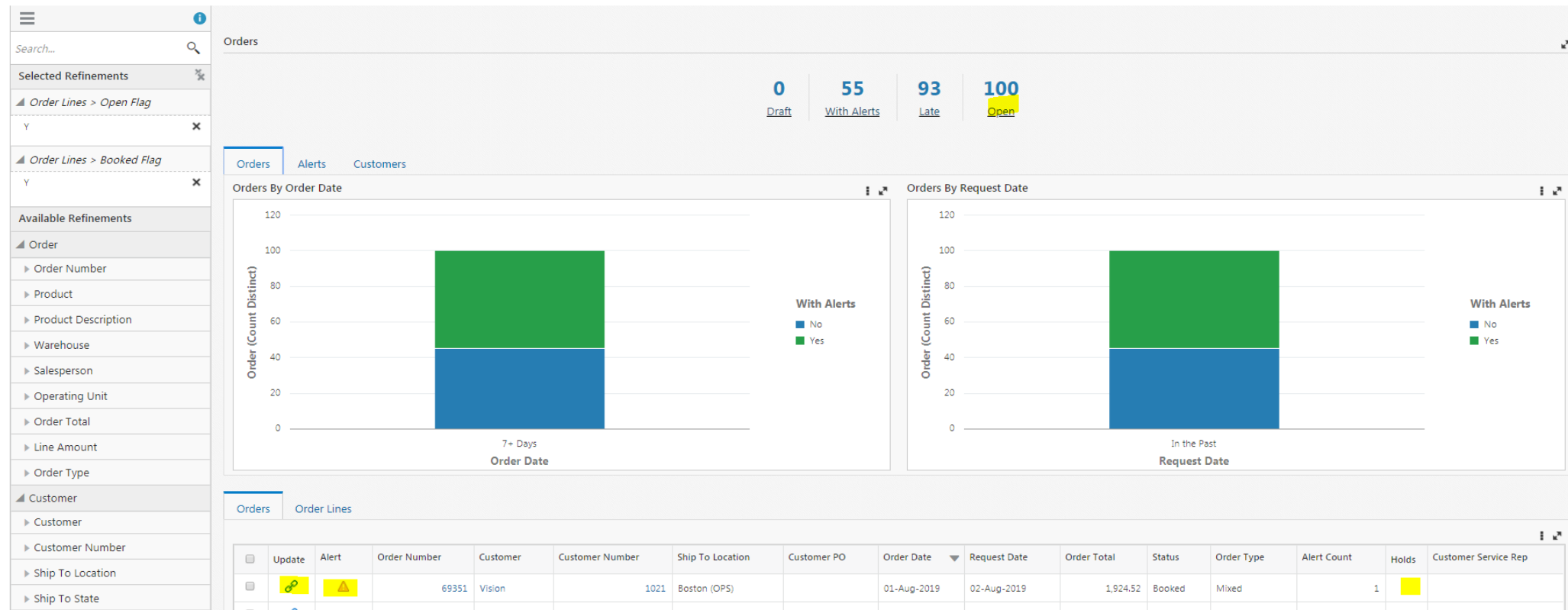


# Order Management ECC Demo – Orders Dashboard

- Open Orders – Update Orders option

## Orders Dashboard

Currency = US dollar



# Order Management ECC Demo – Orders Dashboard

- Navigated to Orders screen from dashboard

ORACLE Order Management

Command Center Orders

Command Center: Orders >  
Sales Order : 69351

Order Number: 69351  
Customer: Vision  
Contact: Vision  
Ship To Customer: Vision  
Request Date: 01-Aug-2019 17:00:00  
Shipping Method: DHL  
Bill To Customer: Vision  
Currency: USD  
Order Type: Mixed

Date Ordered: 01-Aug-2019 16:41:59  
Customer Number: 1021  
Customer PO: Vision  
Ship To Location: Boston (OPS)  
Warehouse: M1  
Shipment Priority: Vision  
Bill To Location: Seattle (OPS)  
Price List: Corporate  
Status: Booked

Total (List) 1,924.52  
Discount 0.00  
Discount % 0.00  
SubTotal 1,924.52  
Tax 144.34  
Charges 0.00  
Total 2,068.86

Payment Terms: 30 NET  
Sales Agreement No.: Vision  
On Hold: No

Show More Details

Products & Services | Shipping | Billing | Install Base | Attachments

Quick Actions  
Actions: Go Discount %: Go Auto Schedule: Show Line Details: Show Shippable Lines Only:

Order Lines

Select Order Line(s): Go Context Value: Context Value: + ...

Line	Ordered Item	Item Description	Qty	UOM	List Price	Discount %	Selling Price	Extended Price	Status	Line Type	On Hold	Service Reference Type	Service Order
1.1	AS72111	Envoy Deluxe Laptop	2	Ea	962.26	0.00	962.26	1,924.52	Awaiting Shipping	Standard (Line Invoicing)	No		

# Procurement ECC Demo – Requisition Dashboard

- Requisitions summary page

**Oracle Purchasing** | Procurement Operations | Indirect Procurement | Supplier Analysis

Requisitions | Orders | Agreements

**Requisitions** ☆

Search...

Selected Refinements: No filters selected.

Available Refinements:

- Requisitions Summary
  - Requisition
  - Requester
  - Preparer
  - Amount
  - Requisition Type
  - Approved Date
  - Creation Date
- Lines Summary
  - Item
  - Category
  - Line Type
  - Need-By-Date**
    - From: 06/06/97
    - To: 08/06/19

Select Filter

**Attention Required**

1 Currencies | USD Functional Currency | 764 In Pool | 172 Unassigned Requisitions | 0 Urgent Requisitions

Requisition Line (Count Distinct) by Need-By-Date Range, Category

Requisition Line (Count Distinct) by Ship-To Location

Ship-To Location Legend:

- M1- Seattle Mfg (50.7%)
- M2- Boston (32.7%)
- V1 Ship Site A (9.72%)
- V1- New York City
- M3- Dallas
- ST1 - Northlake Store
- H1- Retail
- M4-Minneapolis
- FAC-Facilities
- EM1 - Seattle Maintenance
- S1- Chicago
- D2 - Seattle Dist
- CSP10000
- CSP10001

View	Requisition	Status	Description	Operating Unit	Preparer	Requester	Amount	Functional Currency	Requisition Type	Creation Date	Approved Date
<a href="#">View</a>	15923	Approved		Vision Operations	Smith, Mr. Jonathan	Smith, Mr. Jonathan	1,924.52	USD	Internal Requisition	01-Aug-2019	01-Aug-2019
<a href="#">View</a>	15922	Approved		Vision Operations	Smith, Mr. Jonathan	Smith, Mr. Jonathan	170	USD	Purchase	07-Jun-2019	07-Jun-2019
<a href="#">View</a>	15921	Approved		Vision Operations	Smith, Mr. Jonathan	Smith, Mr. Jonathan	85	USD	Purchase	07-Jun-2019	07-Jun-2019

# Procurement ECC Demo – Requisition dashboard

- Requisitions Home Page – Lines view

**Requisitions** ☆

Search...

**Selected Refinements**  
No filters selected.

**Available Refinements**

- Requisitions Summary
  - Requisition
  - Requester
  - Preparer
  - Amount
  - Requisition Type
  - Approved Date
  - Creation Date
- Lines Summary
  - Item
  - Category
  - Line Type
- Need-By Date
  - From: 06/06/97
  - To: 08/06/19
  - Select Filter
  - Currency
  - Line Amount
  - Line Details
  - Lines Reference

**Attention Required**

1 Currencies | USD Functional Currency | 764 In Pool | 172 Unassigned Requisitions | 0 Urgent Requisitions

**Requisition Line (Count Distinct) by Need-By-Date Range, Category**

**Requisition Line (Count Distinct) by Ship-To Location**

**Ship-To Location**

- M1 - Seattle Mfg
- M2 - Boston
- V1 Ship Site A
- V1 - New York City
- M3 - Dallas
- ST1 - Northlake Store
- H1 - Retail
- M4 - Minneapolis
- FAC - Facilities
- EM1 - Seattle Maintenance
- S1 - Chicago
- D2 - Seattle Dist
- CSP10000
- CSP10001

Requisitions | **Lines** | Distributions

Summary

Requisition	Line	Line Type	Operating Unit	Item	Category	Item Description	Need-By Date	Quantity	UOM	Unit Price	Line Amount	Currency
15923	1	Goods	Vision Operations	AS72111	MISC.MISC	Envoy Deluxe Laptop	06-Aug-2019	2	Each	962.26	1,924.52	USD
15922	1	Goods	Vision Operations	J56719	MISC.MISC	J56719	08-Jun-2019	2	Each	85	170	USD
15921	1	Goods	Vision Operations	J56720	MISC.MISC	J56720	08-Jun-2019	1	Each	85	85	USD
15920	1	Goods	Vision Operations	J56719	MISC.MISC	J56719	08-Jun-2019	1	Each	85	85	USD
15919	1	Goods	Vision Operations	CM35682	PRODUCTN.ELECTRICAL	Motherboard - 500 Series	08-Jun-2019	1	Each	85	85	USD

# Procurement ECC Demo – Requisition dashboard

- In Pool (No. of approved requisitions that in the queue for PO creation)

**Requisition Summary Metrics:**

- 1 Currencies
- USD Functional Currency
- 764 In Pool
- 28 Unassigned Requisitions
- 0 Urgent Requisitions

**Requisition Line (Count Distinct) by Ship-To Location:**

Ship-To Location	Percentage
V1 Ship Site A	72.5%
M2- Boston	20.8%
M1- Seattle Mfg	-
V1- New York City	-
EM1 - Seattle Maintenance	-
S1- Chicago	-

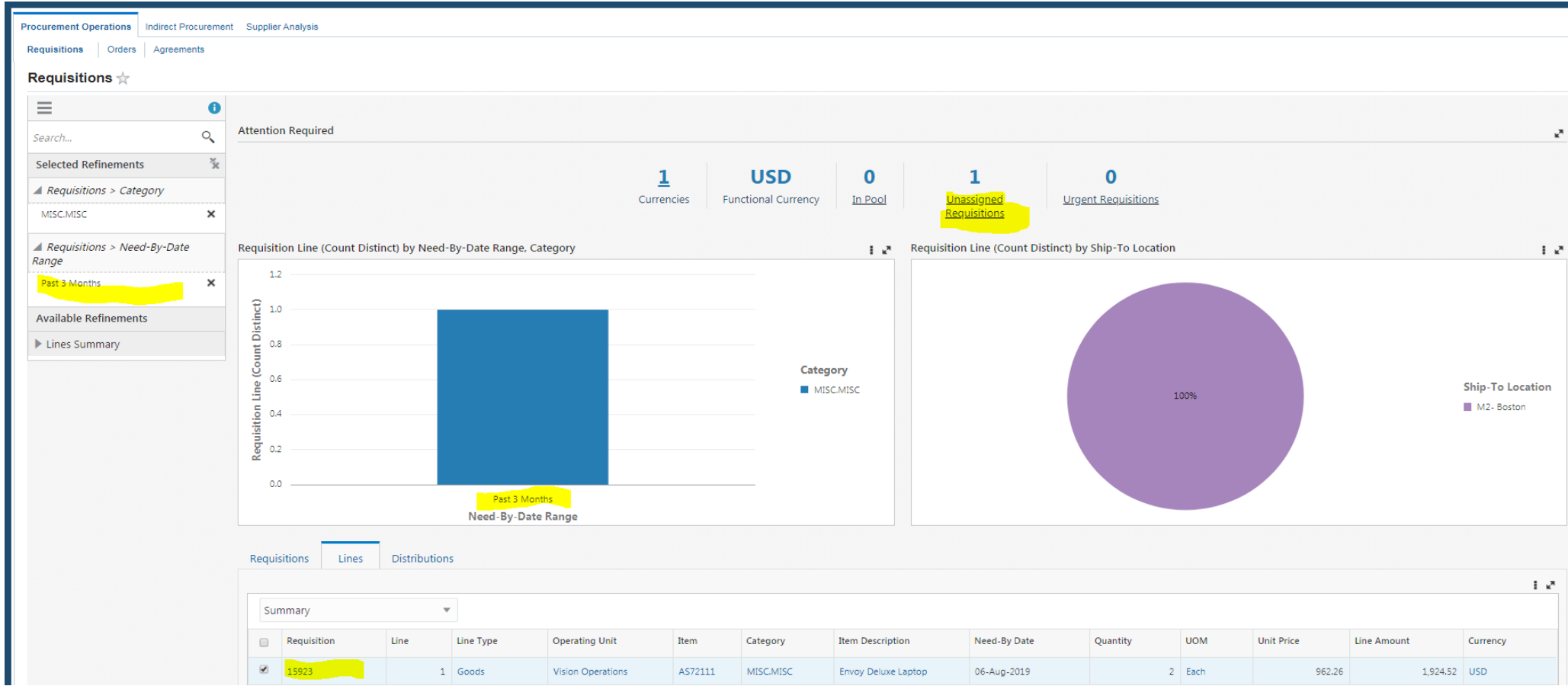
**Requisition Lines Table:**

Requisition	Line	Line Type	Operating Unit	Item	Category	Item Description	Need-By Date	Quantity	UOM	Unit Price	Line Amount	Currency
15921	1	Goods	Vision Operations	JS6720	MISC.MISC	JS6720	08-Jun-2019	1	Each	85	85	USD
15834	4	Goods	Vision Operations	Transmission Fluid	MAINTENANC.SUPPLIES	Transmission Fluid for Vehicles	23-Sep-2010	1	Quart	4.56	4.56	USD
15834	5	Goods	Vision Operations	Condensate Drain Valve	MAINTENANC.SUPPLIES	Condensate Drain Valve	23-Sep-2010	1	Each	70	70	USD
15087	1	Goods	Vision Operations	27445	MISC.WARRANTY	Cleaning and Maintenance - Weekly	17-Jan-2010	4.2	Week	26,000	109,200	USD
15087	2	Goods	Vision Operations	27445	MISC.WARRANTY	Cleaning and Maintenance - Weekly	17-Jan-2010	4.2	Week	26,000	109,200	USD
15087	3	Goods	Vision Operations	27445	MISC.WARRANTY	Cleaning and Maintenance - Weekly	17-Jan-2010	4.2	Week	26,000	109,200	USD
15087	4	Goods	Vision Operations	27445	MISC.WARRANTY	Cleaning and Maintenance - Weekly	17-Jan-2010	4.2	Week	26,000	109,200	USD
15087	5	Goods	Vision Operations	27445	MISC.WARRANTY	Cleaning and Maintenance - Weekly	17-Jan-2010	4.2	Week	26,000	109,200	USD
15080	1	Goods	Vision Operations	DVD-8100	MISC.MISC	DVD Burner 8X	11-Feb-2010	3	Each	500	1,500	USD
15079	1	Goods	Vision Operations	DVD-8100	MISC.MISC	DVD Burner 8X	11-Feb-2010	1	Each	500	500	USD

0 record(s) selected. Page 1 of 77 (1-10 of 764 items)

# Procurement ECC Demo – Requisition dashboard

- Unassigned Requisitions (Not assigned to a buyer) – Lines view



- Need by Date Range for the past 3 months

# Procurement ECC Demo – Requisition dashboard

- Unassigned Requisitions (Not assigned to a buyer) – Header view

Procurement Operations | Indirect Procurement | Supplier Analysis

Requisitions | Orders | Agreements

### Requisitions ☆

Search...

**Selected Refinements**

- Requisitions > Category: MISC.MISC
- Requisitions > Need-By-Date Range: Past 3 Months
- Requisitions > Requisition: 15923

**Available Refinements**

No further refinements available.

---

**Attention Required**

1 Currencies | USD Functional Currency | 0 In Pool | 1 Unassigned Requisitions | 0 Urgent Requisitions

Requisition Line (Count Distinct) by Need-By-Date Range, Category

Need-By-Date Range	Category	Count Distinct
Past 3 Months	MISC.MISC	1

Requisition Line (Count Distinct) by Ship-To Location

Ship-To Location	Count Distinct	Percentage
M2- Boston	1	100%

---

Requisitions | Lines | Distributions

View	Requisition	Status	Description	Operating Unit	Preparer	Requester	Amount	Functional Currency	Requisition Type	Creation Date	Approved Date
<input checked="" type="checkbox"/>	15923	Approved		Vision Operations	Smith, Mr. Jonathan	Smith, Mr. Jonathan	1,924.52	USD	Internal Requisition	01-Aug-2019	01-Aug-2019

0 record(s) selected. Page 1 of 1 (1 of 1 items)

# Procurement ECC Demo – Requisition Dashboard

- Navigating to the requisition from the dashboard using views option

The screenshot shows the Oracle Purchasing interface. At the top, there's a navigation bar with 'ORACLE Purchasing' and user information 'Logged In As OPERATIONS'. Below this, there are tabs for 'Procurement Operations', 'Indirect Procurement', and 'Supplier Analysis'. Under 'Procurement Operations', there are sub-tabs for 'Requisitions', 'Orders', and 'Agreements'. The main content area is titled 'Requisition 15923' and displays various details:

- Description:** Envoy Deluxe Laptop
- Created By:** Smith, Mr. Jonathan
- Creation Date:** 01-Aug-2019 16:41:59
- Deliver-To:** 393 Berkeley Street Boston, Massachusetts, MA, 02116-3321
- Justification:**
- Status:** Approved
- Change History:** No
- PRDS History:**
- Urgent Requisition:** No
- Attachment:** None
- Note to Buyer:**

There is a checkbox option:  Notify me with status updates for my Purchase Order

**Details**

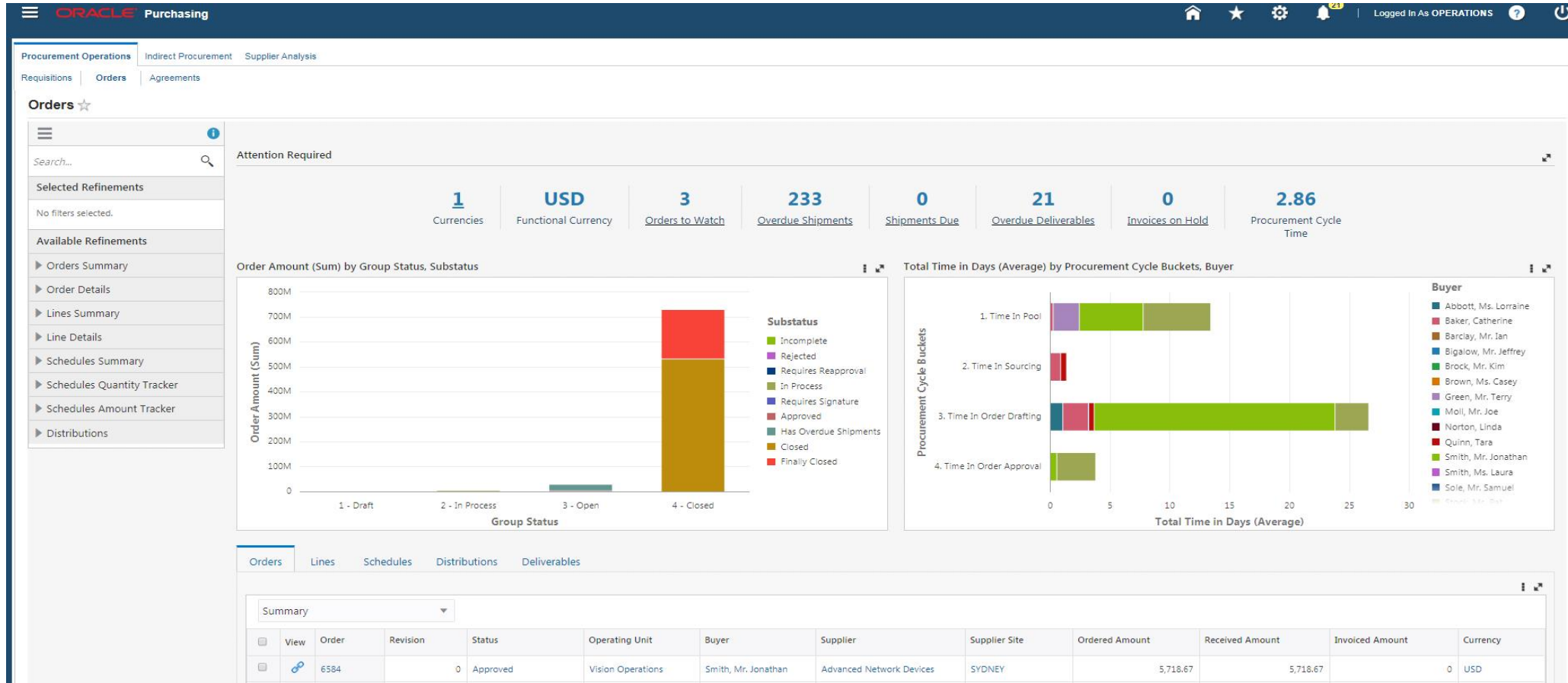
Line	Item Number	Description	Need-By	Deliver-To	Unit	Quantity	Qty Delivered	Qty Cancelled	Open Quantity	Price	Amount (USD)	Details	Order Number	Notes
1	AS72111	Envoy Deluxe Laptop	06-Aug-2019 16:59:00	M2- Boston	Each	2	0	0	2	962.26237 USD	1,924.52		69351	
<b>Total</b>											1,924.52			

[Return](#)



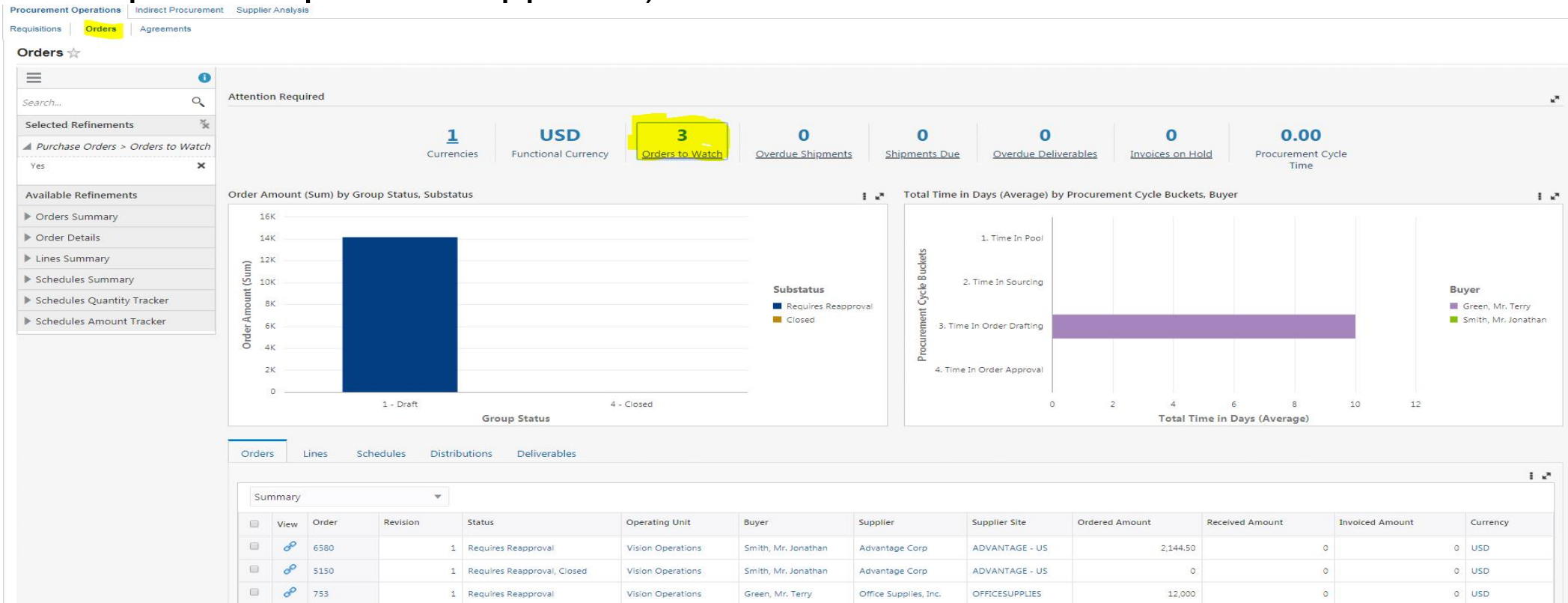
# Procurement ECC Demo – Orders Dashboard

- PO Summary Page



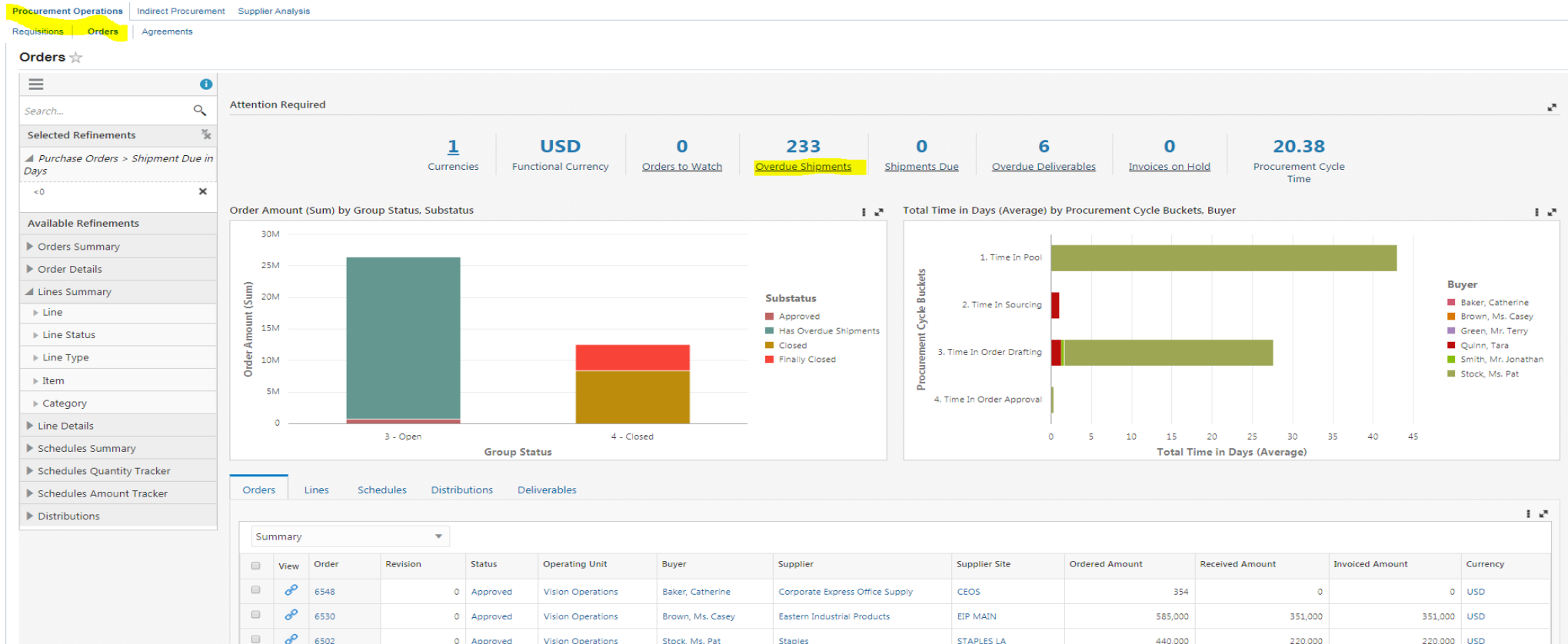
# Procurement ECC Demo – Orders Dashboard

- Orders to watch (No. of POs having status of pending change request/Requires Reapproval)



# Procurement ECC Demo – Orders Dashboard

- Overdue Shipments (No of PO shipments that have a need-by date in the past)



# Procurement ECC Demo – Orders Dashboard

- Overdue Shipments(No of shipments that have a need-by-date in the next 15days)

Procurement Operations | Indirect Procurement | Supplier Analysis

Regquisitions | Orders | Agreements

Orders ☆

Search...

Selected Refinements

▲ Purchase Orders > Shipment Due in Days

<0

Available Refinements

- Orders Summary
- Order Details
- Lines Summary
- Line
- Line Status
- Line Type
- Item
- Category
- Line Details
- Schedules Summary
- Schedules Quantity Tracker
- Schedules Amount Tracker

Attention Required

1 Currencies | USD Functional Currency | 0 Orders to Watch | **233** Overdue Shipments | 0 Shipments Due | 6 Overdue Deliverables | 0 Invoices on Hold | 20.38 Procurement Cycle Time

Order Amount (Sum) by Group Status, Substatus

Total Time in Days (Average) by Procurement Cycle Buckets, Buyer

Orders | Lines | Schedules | Distributions | Deliverables

Summary

Order	Status	Operating Unit	Line	Line Type	Item	Description	Category	Quantity	UOM	Unit Price	Currency	Line Status
6548	Approved	Vision Operations	1	Goods		Stop-Step 2-Step Ladder, 36 inch Top Step, 21 inch x 19-3/4 inch x 22-3/4 inch	SUPPLIES.OFFICE	1	EA	354	USD	Open
6530	Approved	Vision Operations	1	Goods	z7445	Cleaning and Maintenance - Weekly	MISC.WARRANTY	22.5	Week	26,000	USD	Open
6502	Approved	Vision Operations	1	Goods	z7235	Weekly Warehousing	MISC.WARRANTY	17.6	Week	25,000	USD	Open
6410	Approved	Vision Operations	1	Goods	CM75111	Monitor 21" (20 Viewable) Short Depth	PRODUCTN.MONITOR	99	Each	104.97	USD	Open
6226	Approved	Vision Operations	2	Fixed Price Services		Temporary Administrative Assistant for Vision Corp - Expense	TEMLABOR.ADMIN				USD	Open
5972	Approved	Vision Operations	1	Goods		Stop-Step 3-Step Ladder, 27 cm Top Step, 21 cm x 26-3/4 cm x 31-3/4 cm	SUPPLIES.OFFICE	5	EA	428	USD	Open
5965	Approved	Vision Operations	1	Goods	XA1000	GameGirl	PRODUCTN.FINGOODS	1,700	Each	46.79	USD	Open
5958	Approved	Vision Operations	1	Goods	CST0009	Full Length Mirror	STORE.FIXTURES	5	Each	100	USD	Open
5957	Approved	Vision Operations	1	Goods	CST0007	Overhead Track Lighting 4'	STORE.FIXTURES	4	Each	30	USD	Open
5956	Approved	Vision Operations	1	Goods	CST0003	Bathroom Sink	STORE.FIXTURES	6	Each	100	USD	Open

0 record(s) selected.

Page 1 of 24 (1-10 of 233 items) < 1 2 3 4 5 ... 24 >

# Procurement ECC Demo – Orders Dashboard

- Overdue Deliverables (No of open deliverables that have a due in the past)

Procurement Operations | Indirect Procurement | Supplier Analysis

Requisitions | Orders | Agreements

### Orders

Search...

Selected Refinements

- Purchase Orders > Deliverable Due in Days

Available Refinements

- Orders Summary
- Order Details
- Lines Summary
- Line
- Line Status
- Line Type
- Item
- Category
- Line Details
- Schedules Summary

Attention Required

1 Currencies | USD Functional Currency | 0 Orders to Watch | 18 Overdue Shipments | 0 Shipments Due | 21 Overdue Deliverables | 0 Invoices on Hold | 0.38 Procurement Cycle Time

Order Amount (Sum) by Group Status, Substatus

Group Status	Substatus	Order Amount (Sum)
3 - Open	Approved	~650K
4 - Closed	Closed	~150K

Total Time in Days (Average) by Procurement Cycle Buckets, Buyer

Procurement Cycle Buckets	Buyer	Total Time in Days (Average)
1. Time In Pool	Baker, Catherine	~0.5
2. Time In Sourcing	Quinn, Tara	~1.5
3. Time In Order Drafting	Quinn, Tara	~5.0
4. Time In Order Approval	Quinn, Tara	~0.5

Orders | Lines | Schedules | Distributions | Deliverables

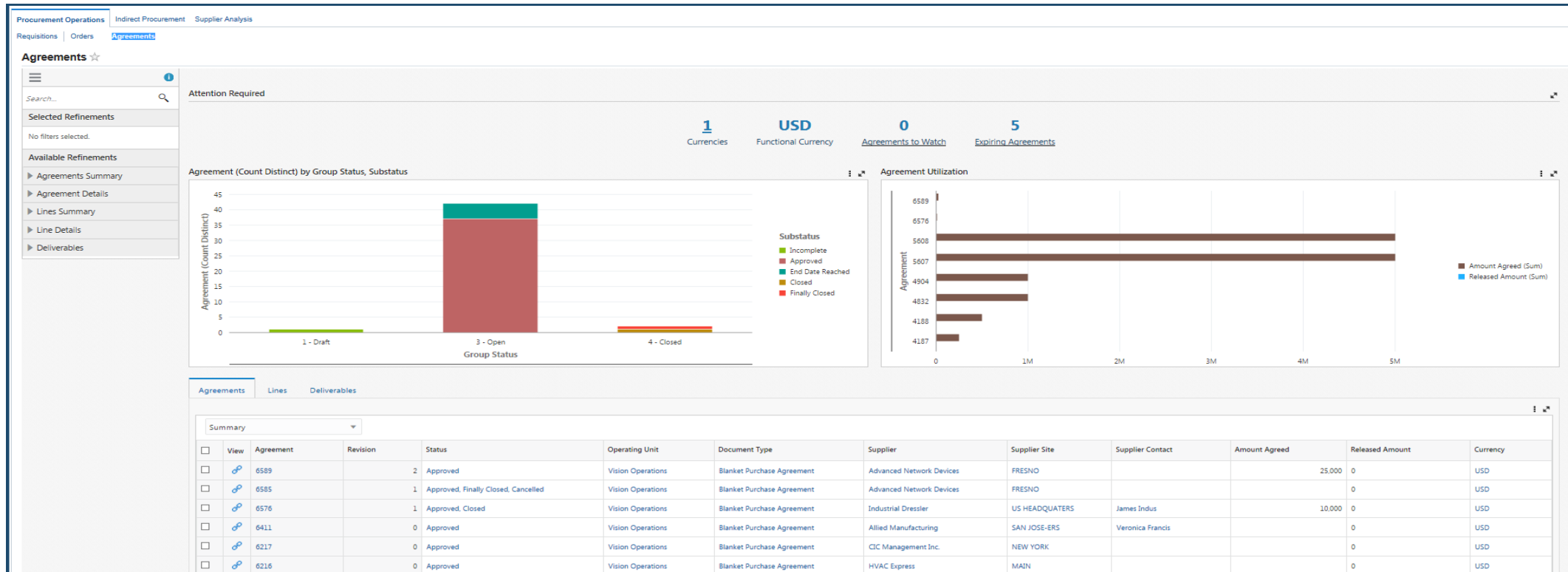
### Deliverables

Deliverable	Status	Deliverable Type	Document Type	Document Number	Responsible Party	Owner	Due Date
Update Online Profile	Open	Contractual	Standard Purchase Order	6392	Supplier Organization		03-Feb-2010
Proof of Insurance	Open	Contractual	Standard Purchase Order	6392	Supplier Organization		09-Jan-2010
Update Online Profile	Open	Contractual	Standard Purchase Order	6229	Supplier Organization		24-May-2009
Performance Reviews for PO's	Open	Contractual	Standard Purchase Order	6079	Buyer Organization	Baker, Catherine	30-Dec-2008
Performance Reviews for PO's	Open	Contractual	Standard Purchase Order	6078	Buyer Organization	Baker, Catherine	30-Dec-2008
Performance Reviews for PO's	Open	Contractual	Standard Purchase Order	5730	Buyer Organization	Baker, Catherine	16-Oct-2007
Performance Reviews for PO's	Open	Contractual	Standard Purchase Order	5477	Buyer Organization	Baker, Catherine	30-Jan-2007
Performance Reviews for PO's	Open	Contractual	Standard Purchase Order	5476	Buyer Organization	Baker, Catherine	30-Jan-2007
Update Online Profile	Open	Contractual	Standard Purchase Order	5418	Supplier Organization		27-Oct-2006
Proof of Insurance	Open	Contractual	Standard Purchase Order	5418	Supplier Organization		02-Oct-2006

0 record(s) selected. Page 1 of 3 (1-10 of 21 items)

# Procurement ECC Demo – Agreements dashboard

- Agreements summary page



# ECC Security Enforcement

- Application Level
  - Role assignment to the responsibility
- Page Level
  - Privileges and permission sets in role
- Data Level
  - EBS data security per module (operating unit, inventory org and content zone etc.,)
- Integrates with EBS UI
  - ECC pages are within EBS menu navigation
  - Drilldown to transaction pages (Forms/OAF Pages) to take action

# EBS Enterprise Command Centers

- Financials
  - Receivables
  - iReceivables
  - Channel Revenue Management
  - Payables
  - Assets
  - Incentive Compensation
  - Lease and Finance Management
- Procurement & Projects
  - iProcurement
  - Projects
  - Contract Lifecycle Management
  - Procurement (Operations/Indirect Procurement/Supplier Analysis)
- Human Capital Management
- Order Management & Logistics
  - Order Management
  - Inventory Management ( Aging & Cycle Counting)
- Manufacturing
  - Discrete Manufacturing
  - Process Manufacturing
  - Outsourced Manufacturing
  - Cost Management
- Asset Lifecycle & Service
  - Enterprise Asset Management
  - Service Contracts
  - Service
  - Depot Repair



# ECC Benefits

- Identify and act on top priorities without custom operational reporting
- Access dashboards from mobile or desktop devices, and with high performance
- Deploy rapidly, with no change to the Oracle E-Business Suite database
- Leverage out-of-the-box UI and security integration
- Flexibly meet new business requirements through configuration instead of coding
- Customize the layout of delivered command center dashboards and include custom data elements
- Experience quick user adoption

# ECC Framework Architecture

- ECC Framework is a middleware technology made up of an interactive JavaScript front end and a Java back end engine. It has three main components

- Interactive User Interface Layer

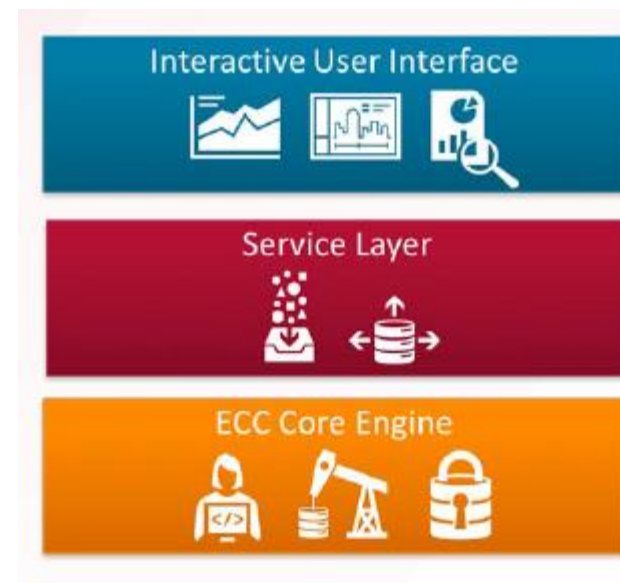
Built on top of the open source technology Oracle JavaScript Extensions Toolkit, JET. Code free creation of dash boards using drag and drop

- Service Layer:

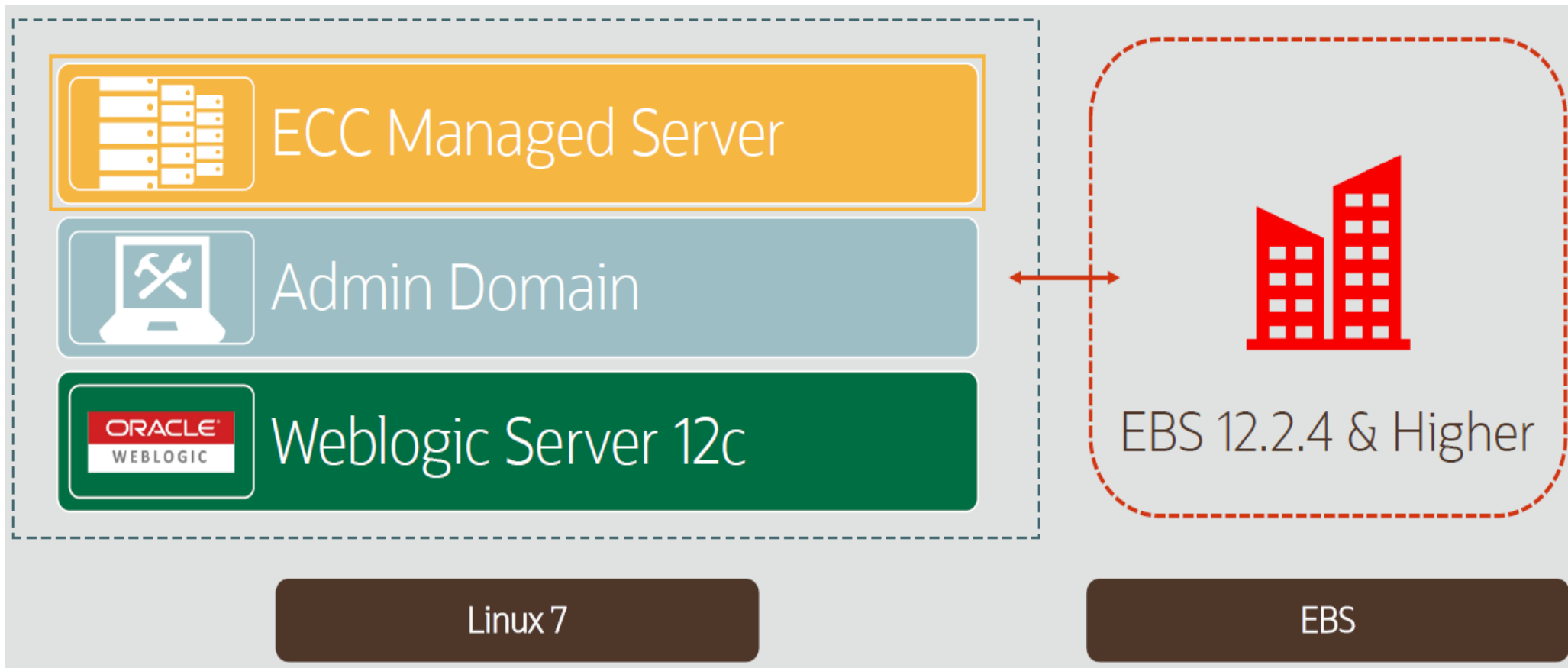
Provides services that allow the user to define a data set, ingest data into it, and control advanced behaviors using metadata

- ECC Core Engine

- Core component of ECC Framework
- Data ingested from the source system.



# Deployment Structure



# Data Load Process

- Responsibility: ECC Administrator  
Concurrent Program: ECC Run Data Load

Submit Request

Run this Request

Copy

Name **ECC Run Data Load**

Operating Unit

Parameters

Language American English

At these Times

Run the Job As Soon as Possible

Upon Completion

Save all Output Files

Layout

Notify

Print to noprint

Help (C)

Submit

Cancel

Parameters

Application Name **Order Management**

Data Set **ALL**

Load Type **FULL\_LOAD** ... Full data load

Enable SQL Trace

Clear

Help

Load Type

Find %

Load Type	Description
<b>FULL_LOAD</b>	Full data load
INCREMENTAL_LOAD	Incremental data load
METADATA_LOAD	Metadata load

End

OK

Cancel

# Data Load Process

- With recent releases, Each product with an Enterprise Command Center provides a concurrent program to load its product-specific data into the Oracle Enterprise Command Center Framework installation
- Latest releases have ECC specific concurrent programs for the data load instead of ECC Run data Load program to exclude application name and data set parameters
  - Like Order Manager has OM Command Center Data Load program.

# Extending ECC Dashboards

- Copy ECC Page
- Define FND Function for the copied page
  - Grant access to the fnd function
- Personalize the OA Page UI
- Point to New Page
- Export the application

# Extending ECC Dashboards

## In Scope

Extending an Existing Dashboard

Building new Dashboard

Extending an Existing Data Set

## Out Of Scope

Creation of an entirely new Data Set

Building a new Command Center

Importing data external to EBS

# Extending ECC Dashboards

- ECC Developer Home Page

The screenshot displays the Oracle ECC Developer Home Page dashboard. The interface features a dark blue header with the Oracle logo and 'ECC Developer' text on the left, and navigation icons (home, star, settings, notifications) and the user name 'Logged In As OPERATIONS' on the right. A left sidebar contains a menu with 'Home', 'Data Designer', and 'Administration'. The main content area is titled '+ Add New Application' and includes a filter section with 'All' and 'Enabled' buttons, and a search input 'Type to filter applications'. The dashboard is populated with a grid of application tiles, each with a blue icon of a smartphone with data points. The tiles are arranged in two rows: the first row contains Assets, Channel Revenue Management, Contract Lifecycle Management, Cost Management, Depot Repair, and Discrete Manufacturing; the second row contains Enterprise Asset Management, Human Resources, Inventory Management, iProcurement, Lease Contracts, and Order Management. At the bottom, a dark blue bar contains an 'Orders' tile with a document icon and a dashed box labeled '+ Add New Page'.



# Extending ECC Dashboards

- Edit Orders dashboard page

**Pages**  
Create one or more pages for your application

\* Application Order Management

\* Page Short Name

\* Page Name

Page URL

Enabled

Page Layout

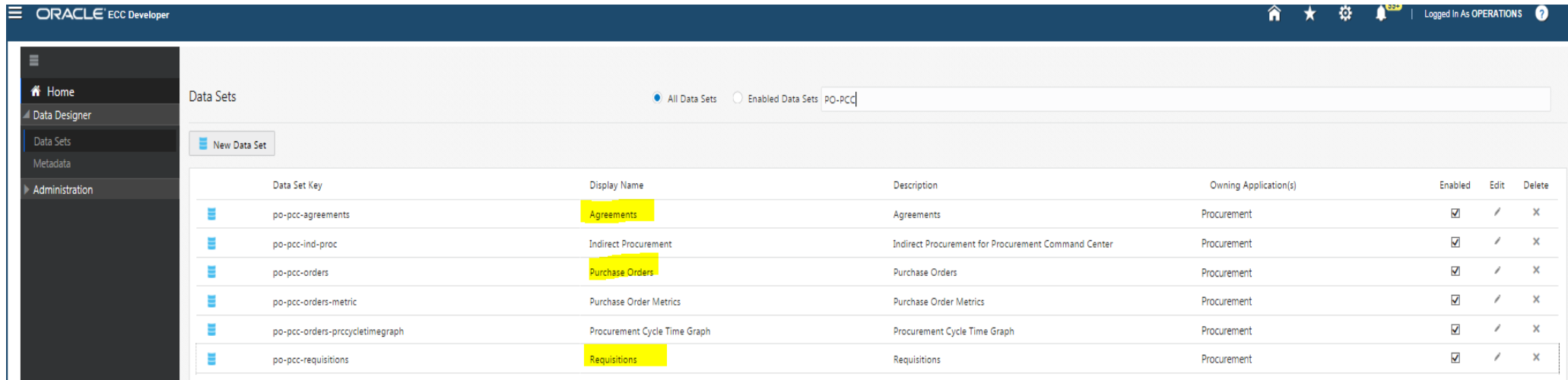
Side Nav ( Default )

Collapsed Side Nav

No Side Nav

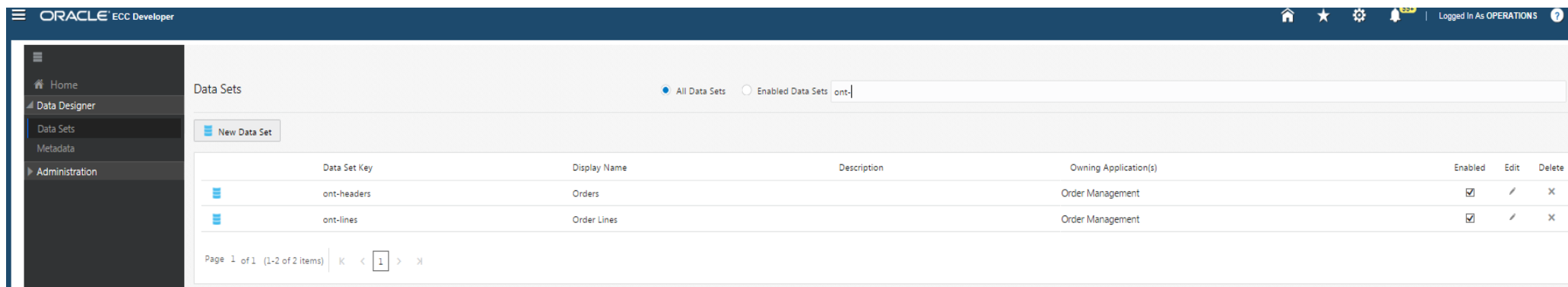
# Extending ECC Dashboards

- Data Set



The screenshot shows the Oracle ECC Developer interface for the 'Data Sets' section. The breadcrumb trail is 'Home > Data Designer > Data Sets'. The search filter is 'PO-PCC'. A table lists six data sets, with 'Agreements', 'Purchase Orders', and 'Requisitions' highlighted in yellow.

Data Set Key	Display Name	Description	Owning Application(s)	Enabled	Edit	Delete
po-pcc-agreements	Agreements	Agreements	Procurement	<input checked="" type="checkbox"/>	/	X
po-pcc-ind-proc	Indirect Procurement	Indirect Procurement for Procurement Command Center	Procurement	<input checked="" type="checkbox"/>	/	X
po-pcc-orders	Purchase Orders	Purchase Orders	Procurement	<input checked="" type="checkbox"/>	/	X
po-pcc-orders-metric	Purchase Order Metrics	Purchase Order Metrics	Procurement	<input checked="" type="checkbox"/>	/	X
po-pcc-orders-prccycletimegraph	Procurement Cycle Time Graph	Procurement Cycle Time Graph	Procurement	<input checked="" type="checkbox"/>	/	X
po-pcc-requisitions	Requisitions	Requisitions	Procurement	<input checked="" type="checkbox"/>	/	X



The screenshot shows the Oracle ECC Developer interface for the 'Data Sets' section. The breadcrumb trail is 'Home > Data Designer > Data Sets'. The search filter is 'ont-'. A table lists two data sets: 'ont-headers' and 'ont-lines'. A pagination bar at the bottom indicates 'Page 1 of 1 (1-2 of 2 Items)'.

Data Set Key	Display Name	Description	Owning Application(s)	Enabled	Edit	Delete
ont-headers	Orders		Order Management	<input checked="" type="checkbox"/>	/	X
ont-lines	Order Lines		Order Management	<input checked="" type="checkbox"/>	/	X

Page 1 of 1 (1-2 of 2 Items) | < 1 >

# Extending ECC Dashboards

- Edit orders data set

Data Sets

Define data sets and load rules

\* Data Set Key

\* Display Name

Data Set Description

Enabled

Load Rules Security Rule

<input type="checkbox"/>	Load Type	Package Name	Procedure Name	Connection name	Sequence
<input type="checkbox"/>	Metadata Load	OE_ECC_UTIL_PVT	get_desc_metadata_load_info	ebsdb	1
<input type="checkbox"/>	Incremental Load	OE_ECC_UTIL_PVT	GET_ECC_DATA_LOAD_INFO	ebsdb	3
<input type="checkbox"/>	Full Load	OE_ECC_UTIL_PVT	GET_ECC_DATA_LOAD_INFO	ebsdb	2

# Extending ECC Dashboards

Load Rules | Security Rule

\* Security Handler Name  + Privilege

Enabled

\* Privilege (1)

+ Parameter

Parameter (1)

Parameter (2)

Home  
Data Designer  
Data Sets  
Metadata  
Administration

Metadata Save Cancel

Manage options and precedence rules of data sets attributes

\* Data Set

Attributes | Attribute Groups | Record Identifiers | Calculated Attributes | Buckets | Precedence Rules | Associations

Add Delete

<input type="checkbox"/>	Source Data Set	Source Attribute	Target Data Set	Target Attribute	Enabled
<input type="checkbox"/>	Orders (ont-headers)	<input type="text" value="ORDER_ID"/>	Order Lines (ont-lines)	<input type="text" value="Order"/>	<input checked="" type="checkbox"/>

Page 1 (1 - 1 of 1 items) | < >

# Extending ECC Dashboards

- Export/Import Option

The screenshot displays the 'Export/Import' interface in the ECC Dashboard. The left sidebar contains a navigation menu with the following items: Home, Data Designer, Data Sets, Metadata, Administration, Source System, Database Connections, Data Load Submission, Data Load Tracking, and Export/Import. The main content area is titled 'Export/Import' and includes the subtitle 'Export and Import application definitions'. It features two tabs: 'Export' and 'Import', with 'Import' currently selected. The 'Import' tab contains the following fields and controls:

- \* Application: A dropdown menu set to 'Order Management'. To its right are 'Export' and 'Cancel' buttons.
- Current Version Number: A text input field containing '120.0.12020000.25'.
- \* Language: A dropdown menu set to 'ALL'.
- Publish: A checkbox that is currently unchecked.
- New Version Number: A text input field.
- Comments: A large text area for entering notes.

Below the main interface, a smaller version of the 'Export/Import' form is shown, highlighting the 'Import' tab. This section includes:

- File: A text input field followed by a 'Browse...' button. To its right are 'Import' and 'Cancel' buttons.
- Preserve Custom Page(s): A checkbox that is checked.
- Preserve Custom Load Rules: A checkbox that is checked.

# Oracle Support ECC Documentation

- Installing Oracle Enterprise Command Center Framework, Release 12.2 (Doc ID 2495053.1)
- Oracle Enterprise Command Center Framework Globalization Guide, Release 12.2 V3 (Doc ID 2557059.1)
- Whitepaper - Extending Oracle Enterprise Command Centers, Release 12.2 V2 (Doc ID 2527150.1)

Questions?

[venkanna.mittakanti@siemens.com](mailto:venkanna.mittakanti@siemens.com)