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Revitalize Your Visualizations with
Analytics Cloud

MAY 15 & 16, 2019

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ABOUT THE PRESENTER

- Oracle ACE Director Specialty Applications
- More than 15 years Oracle Applications Experience
- Head of IT at IT Convergence since 2006
- Co-Author "Oracle E-Business Suite Financials Handbook 3rd Edition"
- Technical Editor "Oracle Fusion Applications Development and Extensibility Handbook"
- President Argentina Oracle User Group (ARoug)
- President Latin America Oracle User Community (LAOUC)

About IT Convergence

1998

FOUNDED

800+

EMPLOYEES

12

GLOBAL OFFICES

600+

CUSTOMERS

50

COUNTRIES DEPLOYED

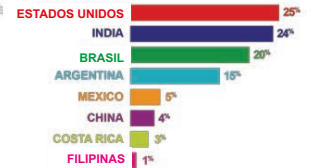
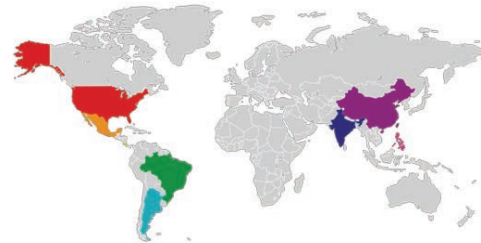


THE AMERICAS
 USA, CANADA, MEXICO, NICARAGUA, EL SALVADOR,
 COSTA RICA, PANAMA, COLOMBIA, VENEZUELA,
 PUERTO RICO, DOMINICAN REPUBLIC, PERU, BRAZIL,
 BOLIVIA, PARAGUAY, CHILE, URUGUAY, ARGENTINA

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 SPAIN, ITALY, FRANCE, NETHERLANDS, BELGIUM, UNITED
 KINGDOM, NORWAY, FINLAND, SWEDEN, DENMARK,
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 INDONESIA, AUSTRALIA





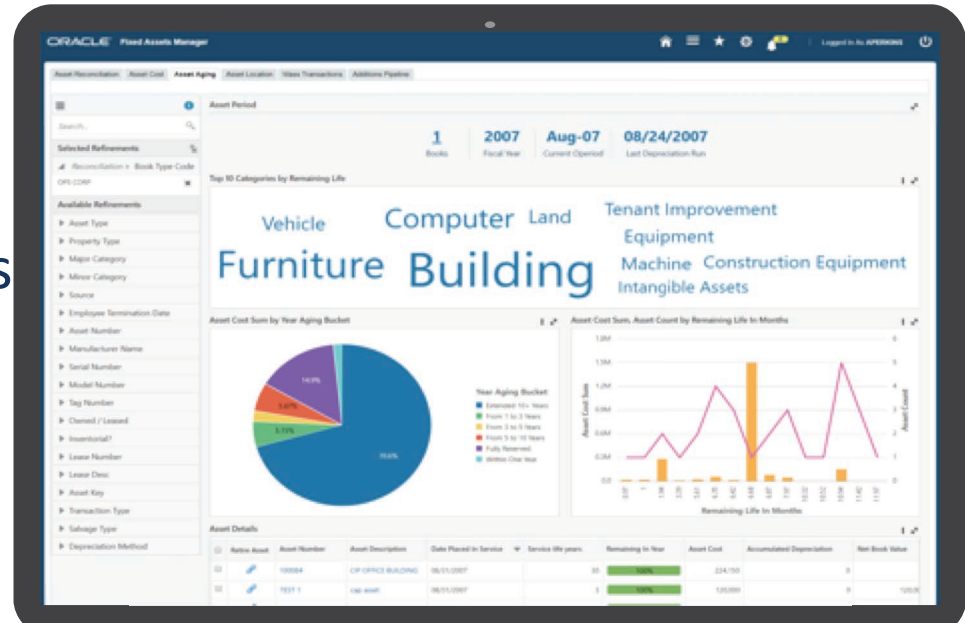
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Overview of product

Looking to discover Information

- Information insight
- Find patterns
- Answer ad hoc questions
- Interactive visualizations
- Drag and drop design
- No ETL Tools



Enterprise Command Center



Product components



ECC Managed Server



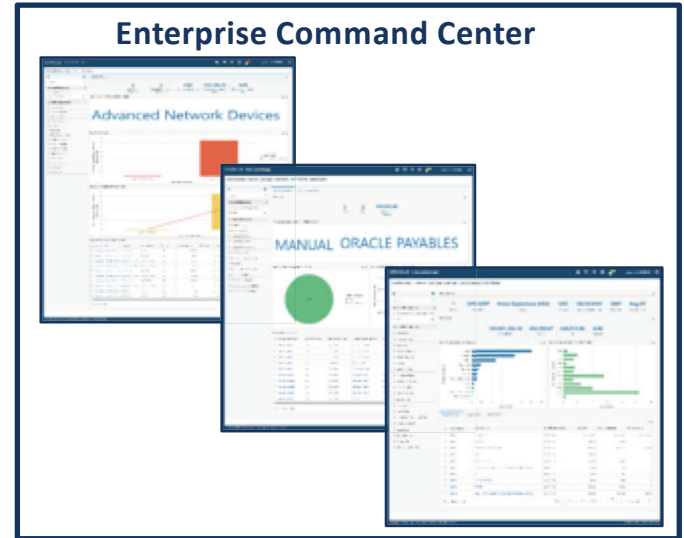
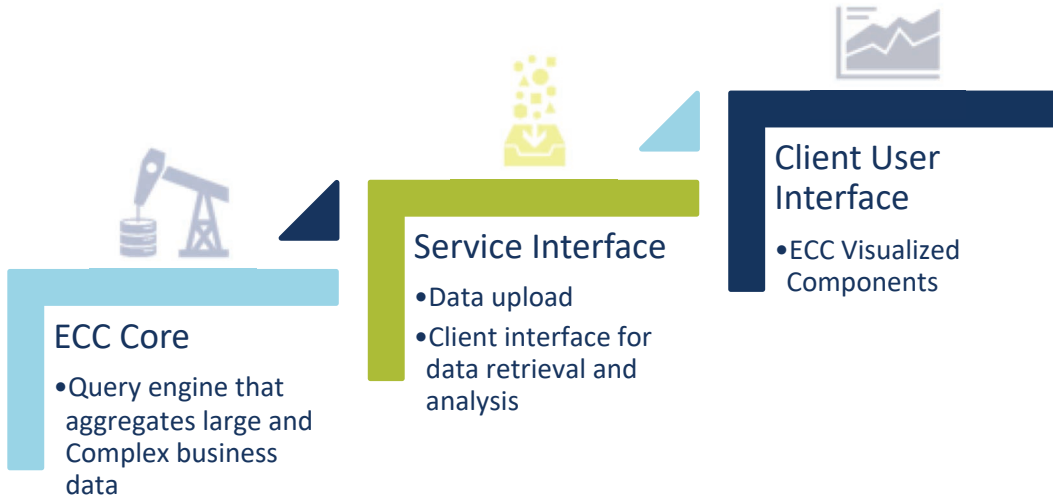
ECC Admin Domain



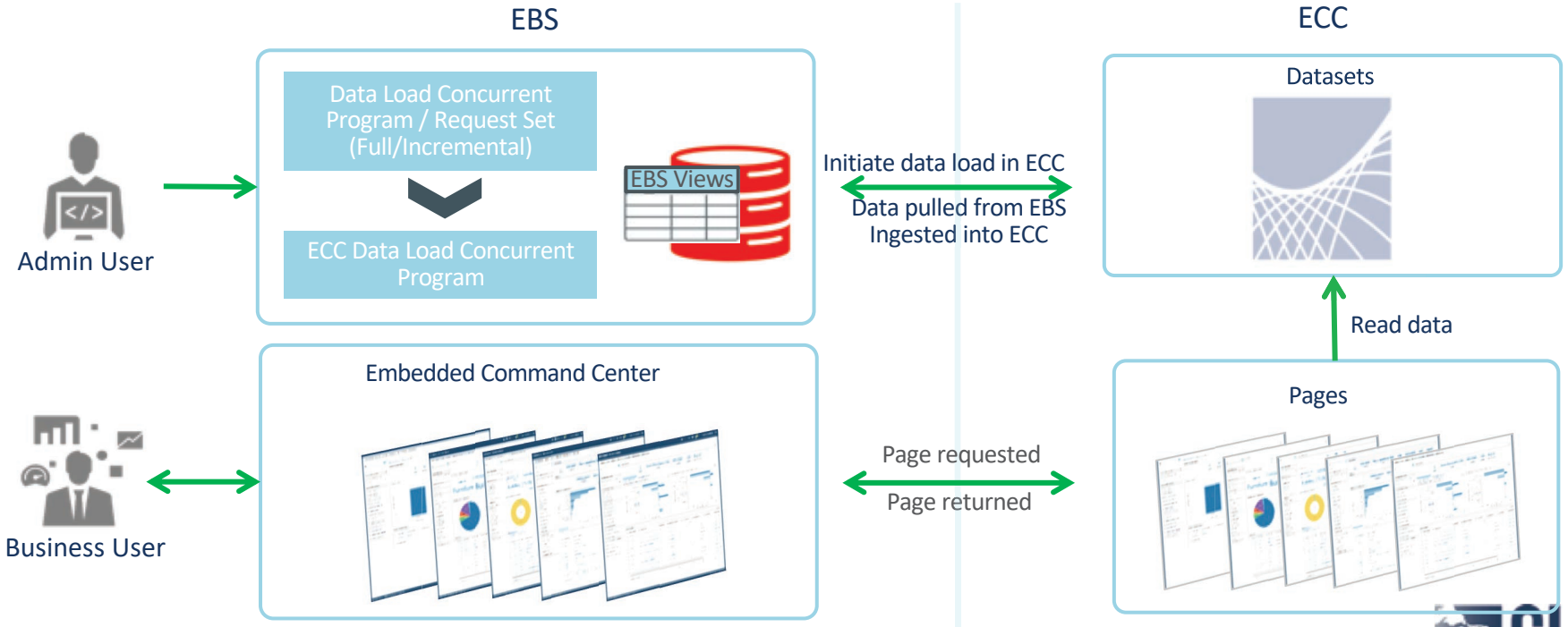
Weblogic Server 12c

Linux 7

Product Components (cont)



Product Components (cont)



Interactive components

Discovery

- Search Box
- Selected Filters
- Guided Discovery

Visualization

- Summarization Bar
- Chart
- Tag Cloud

Insight

- Results Table
- Grid
- Compare

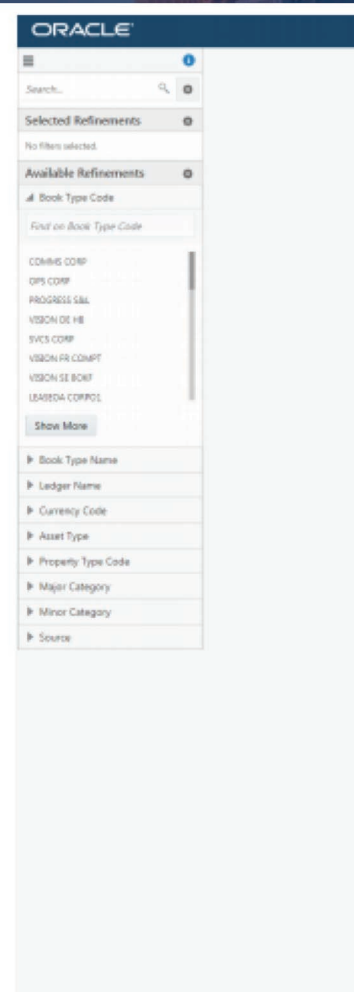
Layout

- Tabbed Container

Drag and drop design

Discovery

- Search Box
- Selected Filters
- Guided Discovery

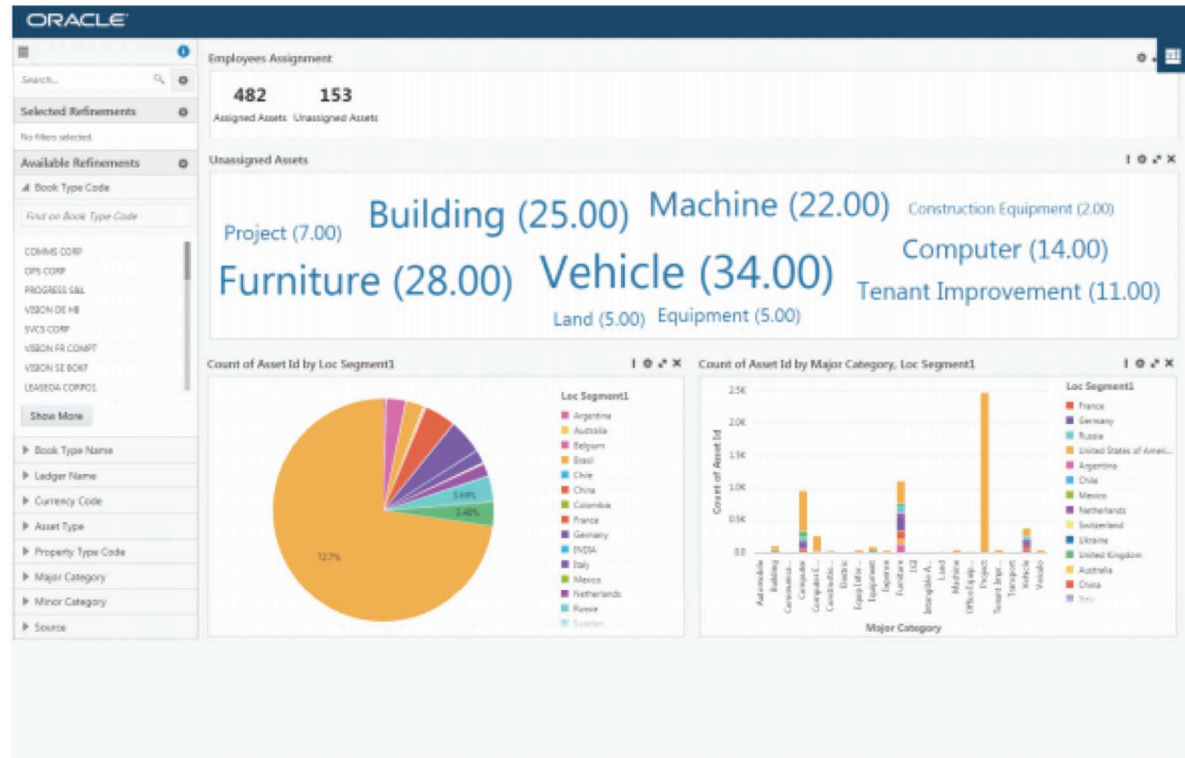


The screenshot displays the Oracle interface for a search and filter panel. At the top, the Oracle logo is visible. Below it is a search bar with a magnifying glass icon and a search button. The panel is divided into sections: "Selected Refinements" (currently empty), "Available Refinements" (with a dropdown arrow), and a list of "Book Type Code" options. The list includes: COMINS CORP, DPS CORP, PROGRESSE S&L, VISION DE HE, SVCS CORP, VISION FR COMPT, VISION SE BOKPT, and USAREDA CORPCL. A "Show More" button is located below the list. Below the list are several expandable sections, each with a right-pointing arrow: Book Type Name, Ledger Name, Currency Code, Asset Type, Property Type Code, Major Category, Minor Category, and Source.

Visualize

Visualization

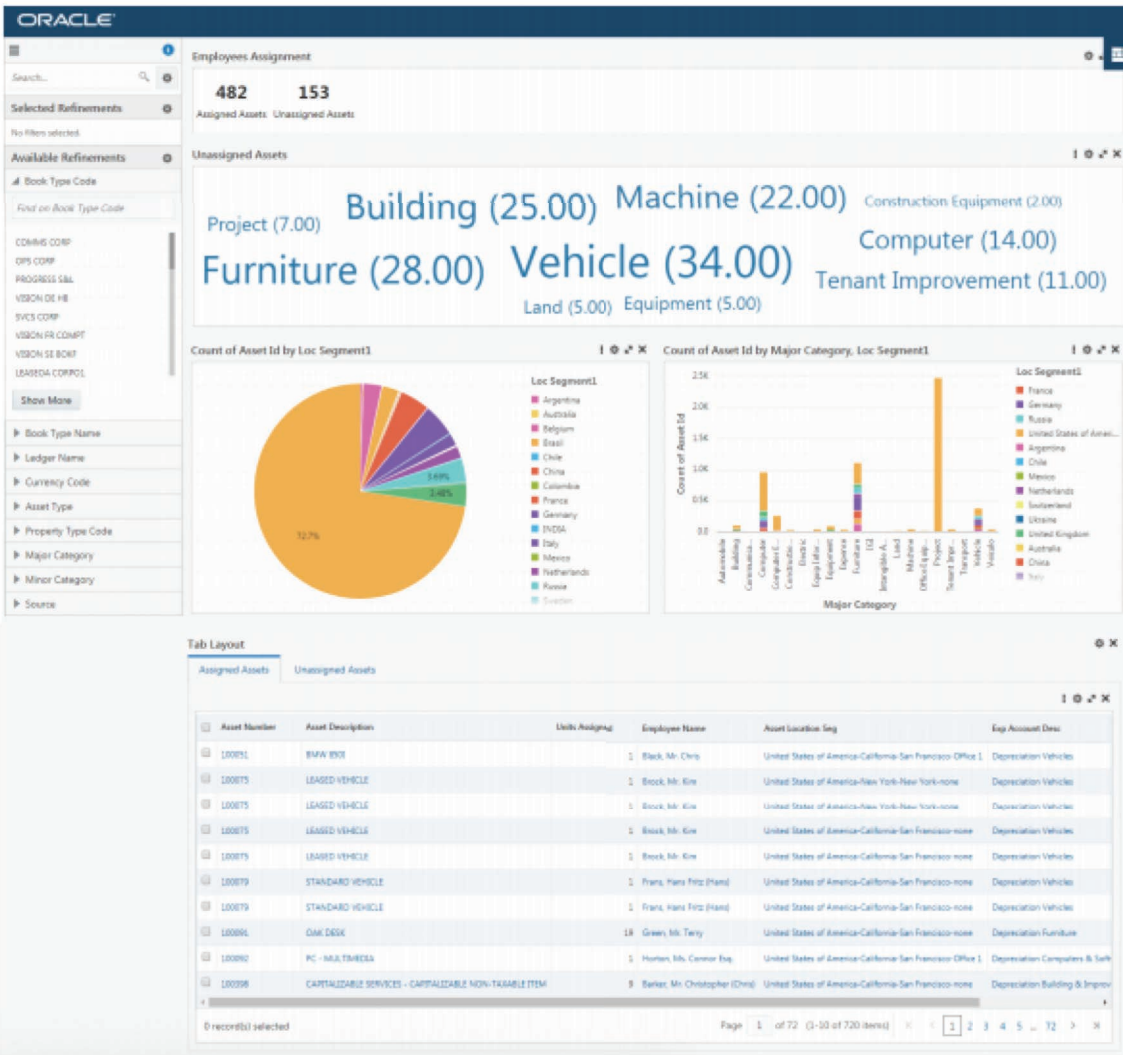
- Summarization Bar
- Tag Cloud
- Charts



Insights

Insight

- Results Table
- Grid
- Compare



Data Centered Configurations

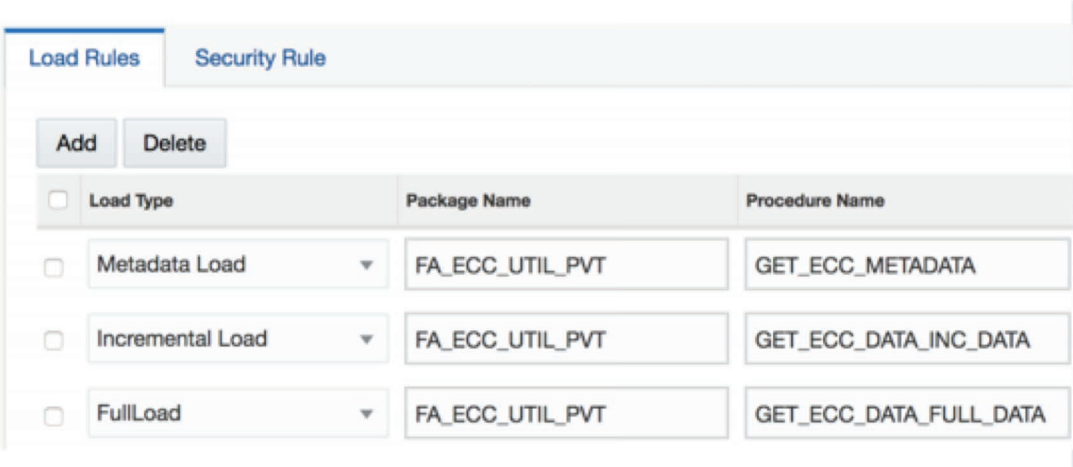
- Familiar SQL Structure
- Common Component Controls
 - Data Source
 - Dimensions and Aggregations Metrics
 - Filter Conditions
 - Aggregations Conditions
 - Conditional Display
 - Sort Option
- Preview Component Look and Feel

The screenshot displays the Oracle Data Explorer interface. The main dashboard shows a 'Work Orders' section with a summary table and a bar chart. The summary table has columns for 'Unassigned', 'With Alerts', 'Reactive Work Recommendations', 'PM Optimizations', 'Released', and 'Open', with values 101, 248, 18, 5, 162, and 263 respectively. The bar chart is titled 'Work Order (count) by 3 Weeks Open Work Orders, Work Order Type'. The legend indicates four categories: Emergency (blue), Routine (red), Health & Safety (green), and Routine (yellow). The chart shows counts for 'Less Than 7 Days', 'Total', '3-7 Days', and '7-14 Days'. The 'Chart Configuration' dialog box is open on the right, showing settings for 'Chart Title', 'Select Data Set' (EAM Work Orders), 'Record Identifier' (Work Order), 'Conditions (Optional)', 'Select Chart Type', 'Select Dimensions' (3 Weeks Open Work Orders X, All Open Work Orders X, Work Order Type X), 'Select Metrics', 'Sort Option', 'Chart Cascade (Optional)', 'Aggregation Conditions (Optional)', and 'Conditional Display (Optional)'. The dialog has 'preview', 'Save', and 'Cancel' buttons at the bottom.

Category	Count
Less Than 7 Days	18
Total	101
3-7 Days	5
7-14 Days	162

No ETL Tool

- PL/SQL and SQL Based
- Capability to define metadata at runtime
- Update, insert and delete support
- No penalty for insert vs update



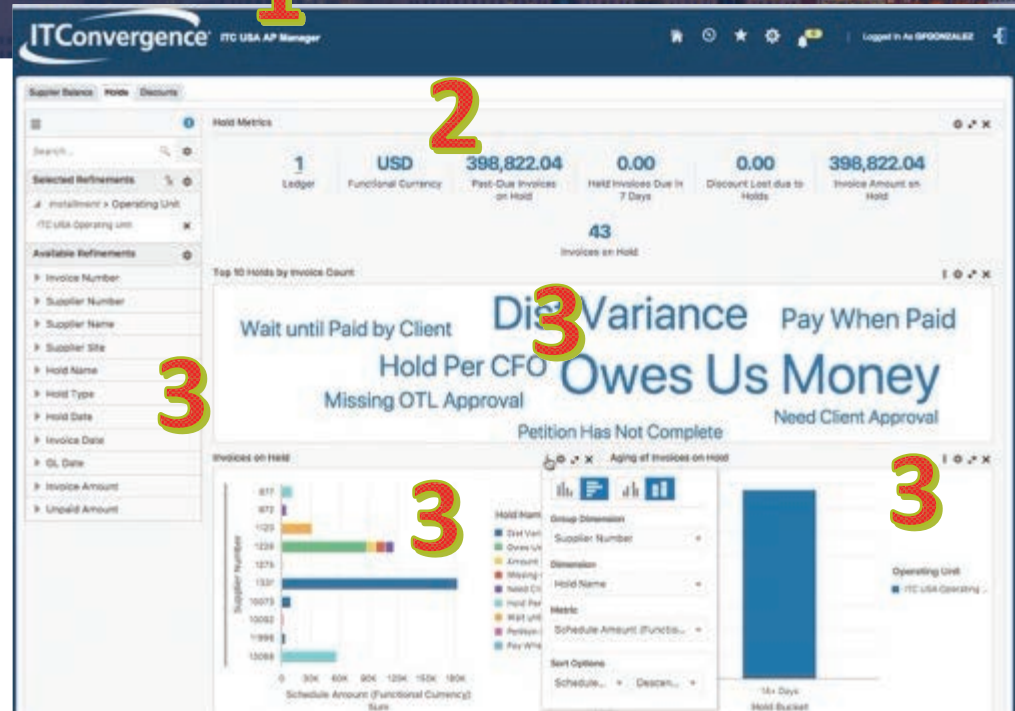
Load Rules		Security Rule	
<input type="checkbox"/>	Load Type	Package Name	Procedure Name
<input type="checkbox"/>	Metadata Load	FA_ECC_UTIL_PVT	GET_ECC_METADATA
<input type="checkbox"/>	Incremental Load	FA_ECC_UTIL_PVT	GET_ECC_DATA_INC_DATA
<input type="checkbox"/>	FullLoad	FA_ECC_UTIL_PVT	GET_ECC_DATA_FULL_DATA

Multi Language Support

- MLS Ready
- English planned for first release
- Parity with EBS MLS support to follow

Security

1. Application level
 - Role assignment to responsibility
2. Page level
 - Privileges and permission sets in role
3. Record level
 - Data security per module (i.e. org id, inventory org, etc.)





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results**

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Background

- E-Business Suite Customer since 2002
- Reporting and Dashboard Projects:
 - Discoverer
 - Custom Reports
 - Noetix
 - BI Apps
 - CloudIO
 - Endeca extensions for EBS

Installation Process

- Built a Virtual Server with 8vCPU, 32 Gb of RAM and a 100 Gb of storage
- ITC EBS Release is 12.2.6 so we applied:
 - Container patch 28045200:R12.ATG_Pf.C (ATG Consolidated Patch for ECC V1 support in 12.2)
 - Patches 28050532:R12.FIN_Pf.C (FIN Consolidated Patch for ECC - V1) and 28574967 (Upload for ECC QI).

Configuration Process

- New Responsibilities
- New Functions
- No extra security setup
- No extra training for users or IT
- Heavy Customizations are easy through PL/sql

Performance Results

- Huge Improvement on ECC from Endeca.
- Repository is not in the new server, but in a schema under the EBS database improving performance of the load and dashboards.
- Full ETL Loads takes only minutes removing heavy data transfers between the servers
- ECC server does not show any heavy load while the Dashboards are being used by customers. Our ECC server never had a load greater than 2 while working with it.

Administration

ITConvergence E-Business Suite ★ ⚙️ 🔔 | Logged In As SYSADMIN

- Customer Support Specialist
- Desktop Integration Manager
- Desktop Integrator
- Discoverer EUL Management
- ECC Administrator
- ECC Developer
- Field Service Administrator
- Field Service Dispatcher
- Field Service Technician Professional Administrator
- Integration Specialist
- Interaction History ZIP Admin
- Internet Expenses Auditor
- Internet Expenses Setup and Administration
- Inventory
- Support Administrator
- Support System Administrator
- ITC ARG AP Manager
- ITC ARG AR Manager
- ITC ARG Expense Audit

Worklist

From	Type	Subject
System	Error	Error in Workflow XXX
System	Error	Error in Workflow XXX
System	Error	Local Event ERROR
System	Error	Local Event ERROR
System	Error	Local Event ERROR
System	Error	Error in Workflow XXX
System	Error	Event WAITING for
System	Error	Local Event ERROR
System	Error	Local Event ERROR
System	Error	Error in Workflow PA
System	Error	*APPS.FND_FLEX_1
System	Error	*APPS.FND_FLEX_1

ITConvergence ECC Developer 🏠 ⌚ ★ ⚙️ 🔔 | Logged In As SYSADMIN

[+ Add New Application](#) All Enabled

Assets

Payables

Receivables

Discounts Opportu...

Holds

ITC Expense Reports

Supplier Balance

+ Add New Page

Page 1 (1 - 3 of 3 items) < 1 >



ITConvergence ITC USA AP Manager **ITC USA AP Manager** **Search** **Results Table** **Search** **Results Table** **Refinements** **Tab Layout** **Tag Cloud** **Results Grid** **Chart**

Supplier Balance **Hold** **Discounts**

Open Payables

SEARCH...

Selected Refinements

- Installation > Operating Unit
- ITC USA Operating Unit

Available Refinements

- Operating Unit
- Invoice Type
- Invoice Number
- Validation Status
- Payment Status
- Invoice Source
- Supplier Type
- Supplier Number
- Supplier Name
- Supplier Site
- Hold Type
- Hold Name
- Invoice on Hold
- Invoice Date
- GL Date
- Due Date
- Invoice Amount
- Unpaid Amount
- Payment Status Flag

1 Ledgers **USD** Functional Currency **1,730,319.31** Supplier Balance **2,321.71** Employee Balance **21,731.36** Unapplied Prepayment **1,730,319.31** Past-Due Invoices

-0.00 Invoices Due in 7 Days

Top 10 Suppliers by Schedule Amount

1226 972 13088 991 10494 1120
1336 1331 10190

ITC Expense Reports

Pending ER Last Month Paid ER Last Month

Supplier Number	Invoice Number	Invoice Amount	Currency
<input type="checkbox"/> 1367	ERS74921	616.37	USD
<input type="checkbox"/> 1066	ERS75496	571.23	USD
<input type="checkbox"/> 1363	ERS74453	967.92	USD
<input type="checkbox"/> 1367	ERS73936		

0 records selected Page 1 of 1 (1-4 of 4 items)

Supplier Open Balance

Supplier Number

Operating Unit

- ITC USA Operating Unit

Chart

Customizing Dashboards

The screenshot shows the ITConvergence ITC USA AP Manager interface. The main dashboard displays various metrics and charts. Two callout boxes highlight customization options:

- Change existing object:** Points to the 'Open Payables' widget.
- Configuration options:** Points to the 'Summarization Bar Configuration' dialog box.

The 'Summarization Bar Configuration' dialog shows the following settings:

- Summarization Title: Open Payables
- + Add Summary Item
- Ledgers (flag)
- Functional Currency (dime)
- Supplier Balance (metric)
- Employee Balance (metric)
- Unapplied Prepayment (me)
- Past-Due Invoices (metric)
- Invoices Due in 7 Days (me)

The 'Chart Configuration' dialog shows the following settings:

- Chart Title: Dist Variance
- Chart Type: Bar
- Dimensions: Supplier Number
- Metrics: Pay When Paid, Hold Per CFO, Missing OTL Approval
- Chart Cascade: Disabled
- Aggregation Conditions: Disabled
- Conditions for Display: Disabled

The main dashboard displays the following data:

- Supplier Balance: 1,730,319.31
- Employee Balance: 2,321.71
- Unapplied Prepayment: 21,731.36
- Past-Due Invoices: 1,730,319.31
- Invoices Due in 7 Days: -0.00
- Top 10 Suppliers by Schedule Amount: 1226, 1277, 13088, 991, 10494, 1336, 1331, 10190, 972, 1120
- ITC Expense Reports: Pending ER Last Month, Paid ER Last Month
- Supplier Open Balance: 10150

How to navigate through ECC Payables

The screenshot displays the ITC USA AP Manager interface. At the top, the header includes the logo and navigation icons. The main content area is divided into several sections:

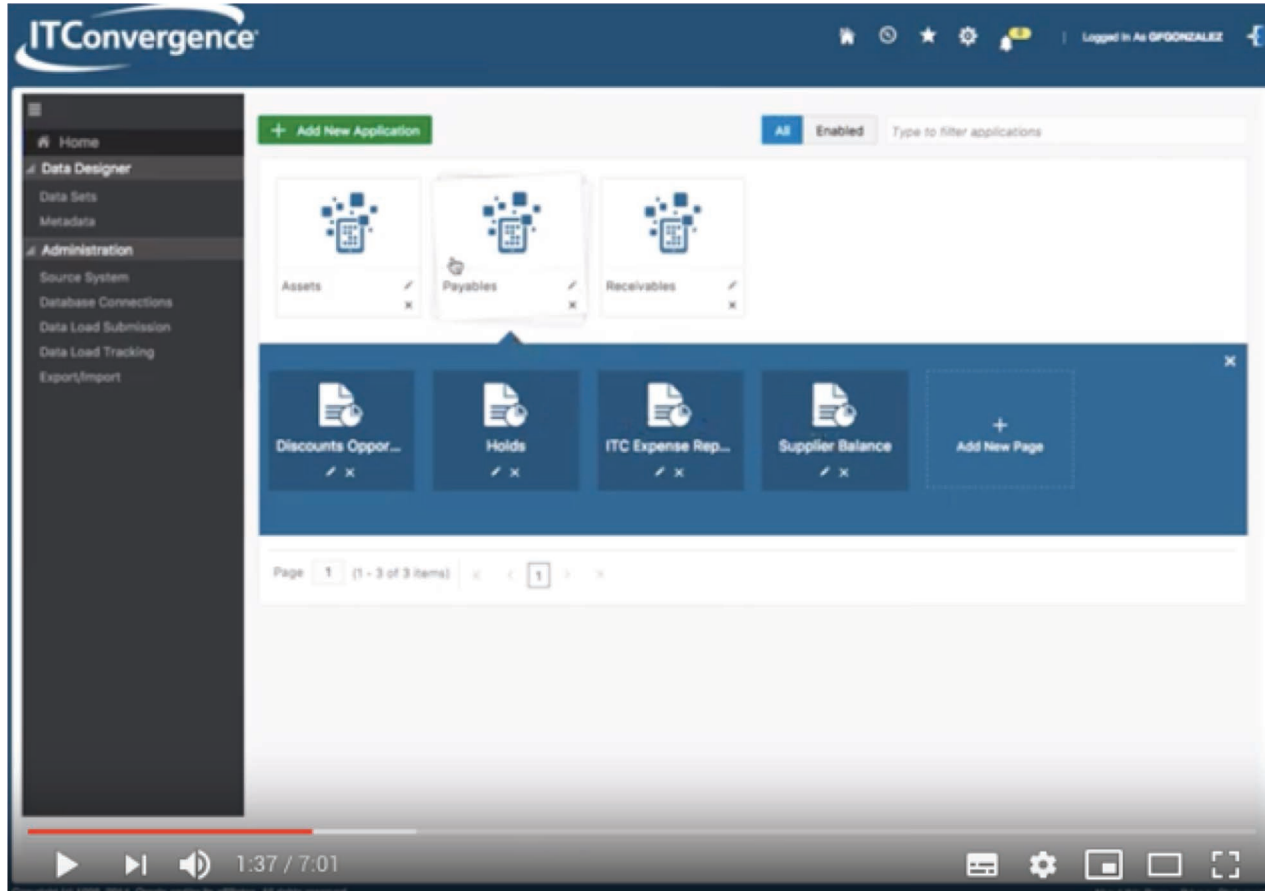
- Open Payables:** A summary card showing 1 Ledger, USD Functional Currency, a total Supplier Balance of 1,730,319.31, an Employee Balance of 2,321.71, an Unapplied Prepayment of 21,731.36, and Past-Due Invoices of 1,730,319.31. Below this, it indicates -0.00 Invoices Due in 7 Days.
- Top 10 Suppliers by Schedule Amount:** A visualization showing the top 10 suppliers with their invoice numbers: 1226, 972, 1277, 13088, 991, 10494, 1120, 1336, 1331, and 10190.
- ITC Expense Reports:** A section with tabs for 'Pending ER Last Month' and 'Paid ER Last Month'. A table lists the following data:

Supplier Number	Invoice Number	Invoice Amount	Currency
1357	ERS74501	616.37	USD
1066	ERS75496	571.23	USD
1353	ERS74453	567.92	USD
1357	ERS73505	566.19	USD
- Supplier Open Balance:** A horizontal bar chart showing the open balance for various suppliers, with the highest balance for supplier 991.

The left sidebar contains a search bar and a list of refinements, including 'Operating Unit' with a list of units such as 'ITC Singapore Operating Unit', 'IT CONVERGENCE BRBR OPERATING UNIT', 'IT CONVERGENCE USBR OPERATING UNIT', 'ITC Argentina Operating Unit', 'ITC Brazil-USA Operating Unit', and 'ITC Mexico Operating Unit'. A video player interface is visible at the bottom of the screenshot, showing a play button and a progress bar at 1:06 / 6:08.

<https://youtu.be/xeQ-1-o9tgM>

How to navigate through ECC Administrator



https://youtu.be/4tBfrAALA_Q

Getting ECC to work

ITConvergence

ITC Blog Global ERP Rollouts Training Hosting Oracle Cloud Testing

Getting to work Enterprise Command Center (ECC) for E-Business Suite 12.2

EBS 12.2 By Gustavo Gonzalez · October 12, 2018

A few days ago, we received the good news from the Oracle E-Business Suite team, announcing the availability of Enterprise Command Centers for EBS, also known as ECC for short among a series of innovations including the new release 12.2.8.

I was interested in this new product since the first time that I heard about it at [Muhannad Obeidat presentation back at Collaborate 2018](#). I had quite some experience implementing Endeca Extensions for EBS (also called Information Discovery for EBS) which was somehow expensive and in certain customers fairly complex to make it to work.

After multiple conversations about the product with [Muhannad](#), [Jeanne Lowell](#), and [Nadia Bendjedou](#), I was impressed with the vision, the changes on the technology compared to Endeca and I was even more shocked hearing that they will be "unlocking the value of enterprise data" without any **licensing costs**. Yes, it is a product that will be free for E-Business Suite customers running release 12.2.4 and above.

On September 28th, the Oracle Enterprise Command Center Framework Release 12.2 V1 Quick Install for Linux x86-64 was made general available on My Oracle Support as [Patch 28574967](#). A detailed instruction document for installing the Oracle Enterprise Command

Email

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TOPICS

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[CloudIO](#)

<https://www.itconvergenceinsights.com/enterprise-command-center-ecc-for-e-business-suite-12.2-0>



Ebook – Getting to work ECC



Getting to Work Enterprise Command Center (ECC) for E-Business Suite 12.2 [Ebook]

Adding Visibility and Optimizing the Work of E-Business Suite



Enabling Enterprise Command Center (ECC) for E-Business Suite 12.2
By Barbara Gonzalez | October 6, 2014

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<https://experience.itconvergence.com/enterprise-command-center-ecc-for-e-business-suite-12.2-ebook>

Users' feedback

"I really like ECC, because it is easy to use. It is great to have everything in the same place, apply filters and jump into the transactions from the same place. It is so easy that I don't need training to start working with ECC right away" Account Payables Analyst, IT Convergence

"I'd suggest adding the ability to export to excel from the "Detailed Insight" or a copy and paste of the sheet to MS Excel because it will save me a lot of time. Even more being able to export or copy some of the Graphs would be helpful too" Business Systems Analyst, IT Convergence

"For the AP team ECC will be a practical launch pad. Users with more than 5 years working with EBS might stay with the old navigation, by jumping straight into the forms and will be demanding to get their engagement using ECC. I need to think what could drive them here. Instead, for a new user that is starting with EBS, ECC will be helpful because everything is in a single screen" Operations Director, IT Convergence

"ECC is more a dashboard with relevant metrics and summarized information rather than a 'get things done' tool. I believe this would be a great add-on with customizable options for the Senior Managers to get information in an easy to use, straightforward solution" Controller, IT Convergence.



Product Details

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Enterprise Command Center

- Financials
 - Receivables CC
 - iReceivables CC
 - Channel Revenue CC
 - Payables CC
 - Assets CC
 - Incentive Compensation CC
 - Lease and Finance CC
- Order Management and Logistics
 - Order Management CC
 - Inventory Management CC
- ALM and Services
 - Enterprise Asset Management CC
 - Service Contracts CC
 - Service CC
- Procurement and Projects
 - iProcurement: Consumer-like Shopping
 - Projects CC
 - Contract Lifecycle Management for Public Sector CC
- Manufacturing
 - Discrete Manufacturing CC
 - Process Manufacturing CC
 - Outsourced Manufacturing CC
 - Cost Management CC

Oracle Resources

The Oracle Enterprise Command Center Framework Release 12.2 V2 Quick Install for Linux x86-64 is currently available on My Oracle Support as [Patch 28779983](#). It can be applied to Release 12.2.4 and higher.

Instructions for installing the Oracle Enterprise Command Center Framework and for enabling the available command centers are in “Installing Oracle Enterprise Command Center Framework, Release 12.2 V2”, [Doc ID 2495053.1](#).



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Considerations

Important considerations

- Oracle E-Business Suite Release 12.2.4 and above
- No licensing requirement with minimal user impact
- Integrated functionality, leveraging existing EBS Security
- New releases and functional content as patch
- New visualization components
- Multi language support
- Easy tailoring and easy transport



Q&A

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