



November 17, 2023

Announcing Oracle E-Business Suite 12.2.13, EBS Enterprise Command Centers - November 2023 Update, and Other 2023 Innovations

Oracle is pleased to announce Oracle E-Business Suite 12.2.13 and the EBS Enterprise Command Centers - November 2023 Update, the latest of several EBS releases delivered in 2023.

Earlier this year, we delivered the EBS Enterprise Command Centers - April 2023 Update, EBS Mobile Release 10.0, and two EBS Cloud Manager Updates: 23.1.1 and 23.2.1.

Cliff Godwin, Senior Vice President, Applications Development, explains the EBS overall strategy and shares highlights of the latest EBS releases in the “Oracle E-Business Suite: Innovations in 2023” presentation ([Video](#)). The sections that follow summarize Cliff’s presentation.

EBS Overall Strategy

Since the initial delivery of EBS 12.2 in 2013, we’ve had a pattern of annual 12.2.x release updates (RUPs), the latest being EBS 12.2.13. The EBS 12.2.x RUPs consolidate bug fixes, performance enhancements, and new features across the EBS product families. Because new features are generally not enabled by default, you can safely apply the latest EBS 12.2.x RUP, even if you’re not ready to take up new functionality. You have the option to enable new functionality as you see business value in doing so.

Simultaneously with our release of EBS 12.2.13, we released the EBS Enterprise Command Centers - November 2023 Update, the 10th such update since we introduced Enterprise Command Centers in 2018.

Although EBS 12.2.x RUPs and updates to EBS Enterprise Command Centers are on parallel release chains, they are not tightly coupled. While you must be running EBS 12.2.4 or higher to

deploy the Enterprise Command Centers, you need not be running one of the latest 12.2.x releases, such as 12.2.13, to uptake latest command center updates.

In addition to providing regular release updates, we've maintained a commitment to long-term Premier Support for EBS 12.2. As of April 2023, EBS 12.2 Premier Support was extended through 2034.

EBS 2023 Investment Themes

In 2023, we focused EBS investment on the following themes:

- Customer Requests and Voting
- EBS Enterprise Command Center Updates
- Mobile Apps Updates
- EBS on OCI Updates

Customer Requests and Voting

EBS enhancement priorities are driven by customer feedback from three main sources:

- **EBS Ideas with Customer Voting:** Our primary source of customer feedback is the [E-Business Suite Ideas Lab](#), available in 47 EBS communities on My Oracle Support. This is where customers can enter and vote on their favorite enhancement ideas. Many top-voted customer enhancements were made available in 2023 release updates.
- **EBS Enhancements derived from Service Requests:** Customer service requests are another source of enhancement ideas. The presence of multiple service requests, each suggesting a similar enhancement, often leads to a roadmap update.
- **EBS Customer Interactions:** Additional enhancement ideas come from our interactions with EBS customers in meetings and user conferences.

EBS Enterprise Command Center Updates

We continue to invest in EBS Enterprise Command Centers (ECC). Increasingly, ECC dashboards can replace the home pages of EBS applications. With ECC, users have a more productive user experience, while IT has reduced demand for custom operational reports.

As of today, we provide 36 command centers with more than 145 dashboards for the following EBS products:

- **Financial Management:** General Ledger, Receivables, iReceivables, Payables, Employee Expenses (Internet Expenses), Assets, Cash Management, Lease Contracts (Financials), Lease and Finance Management
- **Order Management and Logistics:** Order Management, Inventory Management, Advanced Pricing, iStore, Landed Cost Management, Channel Revenue Management, Incentive Compensation

- **Asset Lifecycle and Service:** Enterprise Asset Management, Asset Tracking, Service Contracts, Service (TeleService), Field Service, Depot Repair
- **Procurement and Projects:** iProcurement, Procurement, Projects, Project Procurement, Contract Lifecycle Management for Public Sector
- **Manufacturing:** Discrete Manufacturing, Process Manufacturing, Outsourced Manufacturing, Project Manufacturing, Cost Management, Quality, Bills of Material
- **Human Capital Management:** Human Resources, Payroll

ECC updates in April and November 2023 added new command centers, new dashboards, and enhanced functional capabilities:

- **New Command Centers**
 - Employee Expenses Command Center (Internet Expenses) (November 2023)
 - Cash Management Command Center (April 2023)
- **New Dashboards**
 - General Ledger: Balances (November 2023)
 - Procurement: Purchase Order Details (April 2023)
 - Projects: Projects & GL Account Analysis (November 2023)
 - Lease and Finance Management: Payment Predictions (April 2023)
 - Incentive Compensation: Compensation Plan Visualizer (April 2023)
 - Order Management: Order 360 (April 2023)
 - Inventory: Kanban (November 2023)
 - Inventory: Transaction Management (November 2023)
 - Inventory: Supply/Demand (April 2023)
 - Inventory: Move Orders (April 2023)
 - Discrete Manufacturing: Work Order Execution Track & Trace (April 2023)
 - Project Manufacturing: Project Contracts (April 2023)
 - Project Manufacturing: Cost Activities (April 2023)
- **Enhanced Functional Capabilities**
 - General Ledger: Account Hierarchy and Period History (April 2023)

- iProcurement: Streamlined Employee Shopping UX (April 2023)
- Projects: Expanded view of Receivables and Disputes (April 2023)
- Lease and Finance Management: Enhanced Receipt Application (November 2023)
- Service Contracts: Renewal Predictions (April 2023)
- HR: Person Search: Enhanced Results and Hierarchical View (April 2023)
- Payroll: Support for More Legislations (April 2023)
- Order Management: Backorder Management (November 2023)
- Cost Management: Margin Analysis for Process Manufacturing (April 2023)
- Outsourced Manufacturing: Track & Trace with Multi-Dataset Timeline (April 2023)
- Enterprise Asset Management: Enhanced Work Order Timeline (November 2023)

In addition, we enhanced the ECC Framework that is used to develop and modify command centers:

- **ECC Framework**

- Power User Personalization (April 2023)
- ECC Personalization Template (as default OAF Page) (November 2023)
- Updated Look & Feel | Enhanced End User Productivity (April 2023)
- New Visualizations | Enhanced Time Series Capabilities (April 2023)
- Results Table: Local Filters (November 2023)

Mobile Apps Updates

EBS investment in mobile apps continues, now focused on the seven most heavily used apps of those we originally provided. In the latest, Release 10.0 version, we've rewritten the apps with Oracle JET and other technologies to replace the retired Mobile Application Framework (MAF) that was the basis for prior apps versions. We recommend that you transition your EBS mobile apps activities to the Release 10.0 versions.

There are currently four “horizontal” apps, which are targeted to a broad set of EBS users:

- Approvals
- Timecards

- Self-Service HR
- Expenses

There are also three “line of business” apps, which are targeted to specific EBS roles:

- Mobile Supply Chain
- Mobile Field Service
- Maintenance

EBS on OCI Updates

In 2023, EBS customers continued their rapid adoption of Oracle Cloud Infrastructure (OCI). We continue to invest in automation to help customers move their on-premises EBS environments to OCI, and manage those environments once running in OCI.

ERP Family Highlights

Following are highlights of the new and enhanced ERP functionality we delivered in 2023:

General Ledger Command Center: Balances [ECC November 2023] – the General Ledger Command Center, applicable to most EBS customers, improves the accounting cycle and helps managers to ensure the accuracy of financial results. The latest update adds a Balances dashboard that supports breakdown of balances by accounting segments and account hierarchy, and comparisons of those balances with prior periods. This facilitates the review of balances for period close and financial analysis purposes.

Employee Expenses Command Center (Internet Expenses) [ECC November 2023] – for users of the Internet Expenses application, there is a new command center for analyzing employee expenses to find anomalies and opportunities for reduced spending.

A line manager can use the new command center to review overall spending patterns within their group. From a hierarchical view of their entire group’s expenses, they can drill in to find and act on individual anomalies. For example, a manager might detect that an employee’s car rental expense for last week’s corporate event is much higher than their car rental expense for the prior year’s event. This could lead to a follow-up discussion with the employee.

Property Manager: Equipment Lease Versions and Approval Workflow [EBS 12.2.13] – in Property Manager, functionality previously available only for property leases has been extended to apply to equipment leases. Nearly every organization leases equipment and can benefit from new capabilities to:

- Maintain lease versions and view history
- Simulate amortization schedules during lease creation and amendments
- Manage the approval workflow for new and revised leases using AME

Lease and Finance Management Command Center: Enhanced Receipt Application [ECC November 2023] – the Lease and Finance Management Command Center increases

throughput and scalability for the lease financing business, which typically involves vendor financing of equipment. New command center capabilities help to accelerate cash application to lease invoices, letting you zero in on unapplied receipts and quickly match them to available invoice lines. For example, you can match a single receipt to multiple invoice lines that total to the receipt amount, and then quickly record the cash application.

Projects Command Center: Projects & GL Account Analysis [ECC November 2023] – the Projects Command Center enables efficient management and control for project budgeting, costing, billing, and capitalization processes. The latest release adds a Projects & GL Account Analysis dashboard that lets you review project transactions and identify any GL account discrepancies.

Example use case: When preparing to bill for planned project revenue, you detect a mismatch with project costs. Since the project has remaining budget, you drill in to investigate what's causing the mismatch. With a new capability to zero in on GL accounts where project expenses are posted, you spot a gap between expenses recorded in GL versus Projects. In this case, a manual GL journal entry was not also allocated to your project. You enter the missing project allocation, and proceed with timely project billing.

Project Billing: More Control to Manage Customer Billing [EBS 12.2.13] – since EBS 12.2.4, we have introduced many enhancements to increase control over customer billing. In EBS 12.2.13, we added new project billing capabilities to capture hold reasons, mark bill rates as estimates, and set a per invoice bill limit.

Oracle Business Network [23A (March 2023)] – in 2023, we provided enhancements to the new Oracle Business Network (OBN), which evolved from the earlier Oracle Supplier Network. The OBN solution simplifies the exchange of purchase orders, purchase acknowledgements, and other procurement-related information among trading partners.

OBN trading partners include both suppliers and customers. Customers can find suppliers already registered with OBN, and invite suppliers who are not yet registered to do so. Customers can search for and engage with supplier-created punchouts for all customers, customer groups, or specific customers.

Centrally hosted on Oracle Cloud Infrastructure (OCI), OBN is available without additional fees or charges to users of EBS, Fusion and other Oracle ERP product lines. OBN enables trading partners to make secure and trusted connections to OBN and not to each other. Many organizations are now registered and participating in this extension to their procurement systems.

SCM Family Highlights

Following are highlights of the new and enhanced SCM functionality we delivered in 2023:

Inventory Management: Electronic Kanban [EBS 12.2.13] [ECC November 2023] – Electronic Kanban is a sophisticated inventory replenishment method, typically associated with automotive manufacturers, that is used to efficiently manage inventory levels and

control inventory costs.

We earlier provided Electronic Kanban (eKanban) capabilities in EBS Discrete MES. We've enhanced those capabilities, and broadened their availability to customers licensed for EBS Inventory. This allows inventory managers outside the automotive industry – and even non-manufacturers – to leverage an inventory replenishment method optimized for fast moving, short lead time items with stable demand and high carrying costs.

An example use case for Electronic Kanban is a hospital or clinic where medical supplies are needed at many stations throughout the facility. The supplies are quickly consumed, yet are too expensive to store in large volumes at individual stations.

With Electronic Kanban, the replenishment process uses electronic “cards” attached to physical containers to track item supply status. An associated “pull sequence” defines an item's point of use location, supply source, and other Kanban parameters, including the number and size of available cards. With Electronic Kanban, the system determines item replenishment requirements based on card consumption, which can vary day-by-day and hour-by-hour.

Inventory Management: Transaction Management [ECC November 2023] – the Inventory Management Command Center adds functionality to let you rapidly identify and resolve transaction processing exceptions.

For example, suppose you take an order in New York for an item to be delivered to a customer in Seattle. You arrange to drop ship the item from your Mexico location, which is closer to Seattle and thus viewed as an efficient point of origin.

After the next transaction processing run, you spot an exception. Drilling in, you find there's no price list entry for the item you're shipping from Mexico. A transfer price needs to be established that accounts for the taxes, tariffs and transportation charges associated with shipping across an international border from your Mexico organization to your US customer. You fix the item pricing and re-launch the transaction processor.

Order Management: Orders [ECC November 2023] – the Order Management Command Center lets you accelerate order flow and take quick action on order exceptions. The latest update expedites the processing of backorders.

For example, suppose an order for a key customer is in backordered status. You can find future dated orders that have reserved inventory for the backordered product. You can transfer units of the reserved inventory to your key customer's near-term order, allowing the order to ship on time. You'll replenish the transferred inventory in time to fulfill the future dated orders.

Order Management: Sales Agreement Enhancements [EBS 12.2.13] – in 12.2.13, we enhanced support for sales agreements and order releases to increase flexibility and reduce effort. You can now specify multiple sales agreement lines with different ship-to locations for the same item and the same effective date range. This means you can create a single sales agreement for a customer who has a single billing address, but multiple ship-

to locations, ensuring fewer sales agreements to maintain.

Order Management/Inventory: Return or Cancel Internal Sales Orders (ISOs) and Internal Org Transfers [EBS 12.2.11 – 12.2.13] – in EBS 12.2.11-12.2.12, we improved the management of internal sales orders (ISOs) by providing a formal process for returning materials to the organization that shipped them, with visibility to in-transit materials.

In 12.2.13, we add the capability to cancel individual lines of an ISO, including partially received lines. We also support the cancellation of in-transit Internal Organization Transfers (IOTs), with flexibility to cancel an entire order, or individual order lines.

Warehouse Management: Yard Management Features [EBS 12.2.13] – functionality previously available in a separately licensed Yard Management product is now available to Warehouse Management users. Warehouse Management, which previously focused on operations internal to warehouses, now extends supply chain visibility and automation into yard operations. This includes scheduling and tracking of truck arrivals, parking, dock appointments, sealing and unsealing of cargo, and unloading of goods.

Process Manufacturing: Expand Quality Control into Lab Management [EBS 12.2.13] – in Process Manufacturing, we have expanded quality control functionality into the lab management domain. This benefits organizations in pharmaceuticals, chemicals, metals, food, and other process industries that have large and complex lab operations integrated with supply chain operations.

Typically, such organizations have skilled lab workers who do sampling, testing, and test analysis that are subject to rigorous industry standards and other operational requirements, including:

- Electronic Records and Electronic Signatures (ERES)
- Acceptable Quality Limits (AQL) for Sampling
- Tester Certification Requirements
- Equipment Calibration Requirements

To meet these complex requirements, and increase automation and control for compliant, verified product quality, we've enhanced our support for:

- Sampling
 - Acceptable Quality Limits (AQL): Sampling Plan
 - Lot-based sampling plans based on industry standard
- Testing
 - Test Kit Management
 - Define test kits required for test methods
 - Record test kit consumption when tests performed based on test methods
 - Tester Certification
 - Define required certification for test methods

- Validate tester has required certification upon test result entry
 - Equipment Calibration Management
 - Define calibration requirements for equipment
 - Capture calibration test results and certify equipment
- Test Results Analysis
 - Acceptable Quality Limits (AQL): Guided Disposition
 - Manage testing based on rejects compared to limit

SCM: Additional APIs for Extensions and Integrations [EBS 12.2.13] – to facilitate integrations, as well as batch and scripted operations, we provide additional APIs for maintaining reference and transaction data across a variety of SCM products.

Enterprise Asset Management (EAM): Scheduler Workbench in HTML [EBS 12.2.13] – to increase the productivity of maintenance schedulers, we provide a new Scheduler Workbench in HTML as an alternative to the legacy Forms workbench. It includes an interactive Gantt chart to help schedulers plan and manage large numbers of work orders and associated maintenance activities across days and weeks.

Enterprise Asset Management (EAM) Command Center: Work Orders [ECC November 2023] – designed to help maintenance supervisors find and fix work order exceptions on a tactical basis, the Enterprise Asset Management Command Center now includes enhanced capability to adjust resource scheduling to avoid schedule delays and cost overruns.

Example use case: With a timeline view of open work orders, a supervisor can see that a work order scheduled to complete yesterday has not yet started. Drilling in, the supervisor finds that the assigned resource is overbooked. By re-queuing the work order to start today, and re-assigning it to an available resource, the supervisor quickly gets the work order back on schedule.

HCM Family Highlights

Following are highlights of the new and enhanced HCM functionality we delivered in 2023:

HCM Mobile Apps: Updates for New Technology [Mobile Release 10.0] – in 2023, we rewrote the HCM mobile apps with Oracle JET and other technologies to replace the retired Mobile Application Framework (MAF) that was the basis for prior app versions. Managers and employees can continue to perform virtually all HR transactions using one of the following mobile apps:

- Timecards
- Self-Service Human Resources
- Approvals

The Release 10.0 versions of the HCM mobile apps feature the same look and feel as the Fusion mobile apps. We recommend that you transition your HCM mobile apps activities to the latest Release 10.0 versions.

EBS on OCI Highlights

In 2023, we delivered additional EBS Cloud Manager automation:

- Landing Zone for EBS and Cloud Manager Deployment
- EBS Cloud Manager 23.1.1 (April 2023)
 - Cloning Using Exadata Snapshots
 - Support for new flexible compute shapes for Application and Database tier
 - Support for Chicago and Madrid Regions
 - Support for new flexible load balancer
- EBS Cloud Manager 23.2.1 (September 2023)
 - Support of Multiple VM Clusters for Exadata Database Service Dedicated
 - Improved Transparent Database Encryption (TDE)
 - Relaxed Host Name Standards for Discovery of Manually Migrated Environments

Also in 2023, we provided additional resources to ease the deployment of EBS on OCI:

- EBS 12.2.12 Demo Install Image
 - Create Your Demo Instance
 - Configure Enterprise Command Center Dashboards
 - Explore Advanced Options
- EBS Enterprise Command Centers (ECC) in OCI Marketplace
 - Deploy EBS ECC in EBS environment running on OCI
 - Review ECC capabilities
- New Business Continuity Procedures for EBS 12.2 and DB 19c on:
 - Exadata Database Service Dedicated
 - Base Database Service DB Systems

EBS Cloud Manager is subject to frequent updates. You can stay informed of latest updates by checking “Section 6: What’s New” in “Getting Started with Oracle E-Business Suite on Oracle Cloud Infrastructure”, [Doc ID 2517025.1](#).

Availability and Deployment

Oracle E-Business Suite 12.2.13: Oracle E-Business Suite 12.2.13 is currently available on My Oracle Support as [Patch 34776655](#). Release 12.2.13 is cumulative and includes new updates, as well as updates made available in one-off patches on 11.5.10, 12.0, 12.1.3 and prior 12.2 releases.

The 12.2.13 patch must be applied on top of Oracle E-Business Suite Release 12.2. Instructions for downloading and applying the patch are in the “Oracle E-Business Suite Release 12.2.13 Readme”, [Doc ID 2958077.1](#).

Oracle Enterprise Command Centers: Instructions for installing or upgrading to the latest version of the Oracle Enterprise Command Center Framework and for enabling the available

command centers are in “Installing Oracle Enterprise Command Center Framework, Release 12.2 (Latest Version)”, [Doc ID 2495053.1](#). The document lists all applicable patches for Release 12.2.4 and higher.

Oracle E-Business Suite Mobile Apps: For app availability and deployment details for Oracle E-Business Suite Mobile Release 10.0, see the “Oracle E-Business Suite Mobile Apps, Release 12.1 and 12.2 Documentation Index”, [Doc ID 1641772.1](#).

EBS Cloud Manager for EBS on Oracle Cloud Infrastructure: Instructions for deploying the latest Oracle E-Business Suite Cloud Manager on Oracle Cloud Infrastructure are in the “[Deploy Oracle E-Business Suite Cloud Manager on Oracle Cloud Infrastructure](#)” chapter of the [Oracle E-Business Suite Cloud Manager Guide](#).

HRMS Release Update Pack: For instructions on applying Release 12.2 HRMS RUP17, refer to “Applying the R12.HR_PF.C.Delta.17 Release Update Pack”, [Doc ID 2935957.1](#).

Supporting Resources

- [Oracle E-Business Suite: Innovations in 2023 \(Video\)](#) [*Cliff Godwin's highlights video*]
- [Oracle E-Business Suite on Oracle.com](#) [*EBS news and information @ vanity URL <https://oracle.com/ebs>*]
- [Oracle E-Business Suite Resources on Oracle.com](#) [*EBS Announcements, Videos, Solution and Product Information, Training, and Documentation @ vanity URL <https://oracle.com/ebs-resources>*]
- [Oracle E-Business Suite Release Content Documents \(Doc ID 1302189.1\)](#) [*EBS new and changed features*]
- [Oracle E-Business Suite Transfer of Information \(TOI\) Training](#) [*EBS “Implement and Use” training @ vanity URL <https://oracle.com/goto/ebs-toi>*]
- [Oracle E-Business Suite Release 12.2 Information Center \(Doc ID 1581299.1\)](#) [*EBS 12.2 reference information*]
- [Oracle E-Business Suite Documentation Web Library, Release 12.2](#) [*EBS 12.2 product documentation*]
- [Oracle Enterprise Command Centers Quick Start Guide \(PDF\)](#) [*ECC patches and information resources @ vanity URL <https://oracle.com/ebs-ecc>*]