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Announcing Oracle E-Business Suite: Innovations in 2019

Oracle is pleased to announce the availability of Oracle E-Business Suite innovations in 2019 (video). In summary, we delivered:

- **Oracle E-Business Suite 12.2.9**: the latest in a series of annual, suite-wide updates (available for all 12.2 releases)
- **Enterprise Command Centers:** two releases of new and enhanced Enterprise Command Centers (available for 12.2.4 and higher)
- **Lease Accounting Updates:** enhanced support for IFRS16 and ASC842 lease accounting standards (available for 12.1.3 and all 12.2 releases)
- **HRMS Release Update Pack:** annual legislative updates for Oracle Human Capital Management (available for 12.1.3 and all 12.2 releases)
- **EBS Cloud Manager for EBS on Oracle Cloud Infrastructure:** increased automation to help enterprises run Oracle E-Business Suite on Oracle's Cloud Infrastructure (available for 12.1.3 and all 12.2 releases)

Many of the advances we delivered were requested and voted on by customers using the social media capabilities of My Oracle Support. Others reflect our continuing focus on themes introduced in earlier 12.2 releases, including user interface modernization and increased operational efficiency.

"Building on a thirty-year history of innovation, Oracle E-Business Suite continues to deliver new and enhanced application functionality to your business and users," said Cliff Godwin, Senior Vice President, Oracle Applications Development. "In addition, we continue to advance the application technology, most recently with updates to our command center technology and to the automation we provide to help you run Oracle E-Business Suite on Oracle Cloud."

Cliff Godwin presents the advances delivered in 2019 and what they mean for customers in his "Oracle E-Business Suite: 2019 Innovations" video. They are also summarized below.

2019 Innovations: Spotlight on Enterprise Command Centers

Enterprise Command Centers continued to be a major focus for Oracle E-Business Suite investment in 2019. Many new and enhanced command centers were released in April 2019 (12.2.8+) and again in September 2019 (12.2.9+). In less than a year, we went from 6 to 22 command centers comprising 72 dashboards across the Oracle E-Business Suite. The following command centers are currently available:

- **Financials**: Receivables, iReceivables, Payables, Assets, Channel Revenue Management, Incentive Compensation, Lease and Finance Management
- **Procurement and Projects**: iProcurement: Consumer-like Shopping, Procurement, Projects, Contract Lifecycle Management for Public Sector
- **Order Management and Logistics**: Order Management, Inventory Management
- **Manufacturing**: Discrete Manufacturing, Process Manufacturing, Outsourced Manufacturing, Cost Management
- **Asset Lifecycle and Service**: Enterprise Asset Management, Service Contracts, Service (TeleService), Depot Repair
- **Human Capital Management**: Human Resources

Increasingly, users can start their Oracle E-Business Suite sessions with Enterprise Command Center dashboards. With "information-driven navigation," users can browse and drill on key indicators, charts and graphs and leverage consumer-like search and filters to quickly identify, and then act on, their most important transactions.

An important consideration for customers is that Enterprise Command Centers are available at no additional cost to licensed users of the underlying Oracle E-Business Suite products. While customers must be running Oracle E-Business Suite 12.2.4 or higher to deploy the Enterprise Command Centers, they need not fully uptake latest 12.2.x releases, such as 12.2.9, to gain the benefits of latest command center updates.

Further, an enterprise can add Enterprise Command Centers to Oracle E-Business Suite with minimal setup or effort. Using a simple, all-in-one installer, enterprises can rapidly deploy Enterprise Command Centers and achieve seamless, out-of-the-box integration with Oracle E-Business Suite applications. Unlike a traditional data warehouse that requires replication of security setups from the transaction system, Enterprise Command Centers automatically adhere to existing Oracle E-Business Suite security. The dashboard content a user sees is consistent with Oracle E-Business Suite context and security.

In 2019, we enhanced the command center technology, known as "Enterprise Command Center Framework", or simply "ECC Framework". For example, we now provide multi-lingual support that lets an enterprise operate Enterprise Command Centers in all the languages present in their Oracle E-Business Suite instance with a single configuration of the ECC Framework.

As well, the delivered command centers are now extensible. Using ECC Framework, analysts can add key indicators and attributes specific to their business. They can customize the computation of key indicator values, and add search conditions and filter criteria to identify specific transaction subsets. For more information, see: Extending Oracle Enterprise Command Centers.

2019 Innovations: Advances Across the Oracle E-Business Suite

Additional 2019 advances are summarized below, with an emphasis on those delivered in Oracle E-Business Suite 12.2.9 (August 2019) and in Enterprise Command Centers 12.2.9+ (September 2019), the two most recent releases.

Advances delivered in Enterprise Command Center 12.2.8+ (April 2019) were summarized in a [prior announcement](#).

- **Financials:** Oracle Property Manager improves lease accounting support for IFRS16 and ASC842 from both an accounting and an operational perspective. Processing of bookings, terminations, and accrual transactions is now more flexible, with bookings and terminations supported retrospectively. Amendments processing supports multiple same-period amendments, categorization of amendments, and improved audit capture. Oracle Lease and Finance Management improves end-to-end throughput for the organization. For example, you can now streamline contract changes that don't involve any financial changes to a lease, such as changing lease terms and conditions or updating address information for the lease contract counterparty. Investor agreement improvements include contract-level accounting and investor disbursement schedules. Additional enhancements include new web services and mobile approvals.

- **Order Management:** Oracle Order Management extends its support for recurring payment streams with a usage-based billing option to automatically generate invoices based on customer usage. Use cases include subscriptions and rental contracts, which frequently are billed based on actual usage of underlying products or services. Additional enhancements enable streamlined processing of orders, returns, and price lists. For example, order management analysts now can receive returns in any unit of measure. Organizations can optimize order pricing with user-defined attributes that trigger repricing. With the Order Management Command Center, enterprises can direct orders to the correct customer service representative (CSR.) By default, CSRs now see their own orders in the Order Management Command Center.

- **Logistics:** Oracle Inventory Management adds workflow-driven cycle count approvals with the Approvals Management Engine (AME.) It also streamlines backorder processing with several enhancements, including the automated cancellation of unshipped order lines for customers that do not accept backorders. Oracle Mobile Supply Chain Applications (MSCA) introduces multi-field barcodes, which simplifies data entry and provides better compliance with the new FDA (GS1) and European (PPN) specifications. In Oracle Warehouse Management, the "verify pick" functionality provides the opportunity for someone to verify a pick before it progresses to the next step, reducing shipping errors and return merchandise authorizations (RMAs) while improving inventory accuracy. The Inventory Management Command Center adds an "Aging Inventory" dashboard that lets inventory analysts control which inventory ships first to avoid shelf-life issues. It also provides a "Cycle Counting" dashboard that lets users view cycle count schedules, monitor pending approvals, and ensure all items are counted.

- **Procurement:** With Oracle Purchasing, organizations can define and capture additional business attributes in purchase order documents to communicate unique

procurement needs to suppliers. Oracle Procurement Contracts and Oracle Sourcing enable supplier and buyer legal teams to conduct online negotiation of contract terms. Approvals Management Engine (AME) workflows are integrated with Oracle Sourcing and Oracle Supplier Lifecycle Management to enable approvals by multiple users and teams — for example, for approval of requirements specified in a negotiation, or approval of questionnaire details in a supplier assessment. Oracle iProcurement increases control and reduces errors by requiring requesters to enter the outstanding quantity to be received. In addition, iProcurement leverages ECC Framework technology to provide requesters with a modern, consumer-like shopping experience that now includes additional options for shopping by category. For procurement professionals, there's now a command center to help optimize procurement operations, such as expediting corrective actions on exceptions before they disrupt the business, capturing requester feedback on catalogs so refinements can be applied, and evaluating suppliers against performance criteria to ensure best-fit suppliers and reduced risk.

- **Projects:** Oracle Project Billing provides bill groups for flexible categorization of transactions to meet the unique billing needs of a project. New capabilities include revenue accrual and consolidated invoicing by bill group. Additional enhancements improve control and efficiency in project accounting and budgeting. For example, Project Billing adds support for generating revenue in the same currency as costs to easily match revenue to costs. Project Costing uses the same budget for project funds check as for corporate (GL) funds check.

- **Manufacturing:** Oracle Process Manufacturing provides serialization support for industries such as life sciences, chemicals, and consumer goods that require traceability of the supply chain. In "Make to Order" scenarios, production batches can now be configured with process instructions that are tailored to specifics of the customer order. Support for parallel approvers greatly enhances the usability of quality management workflows. Oracle Discrete Manufacturing provides increased visibility and improved production controls. Operators can view on-hand quantities of components across sub-inventories during production. Material consumption during manufacturing can be better controlled with flexible configuration rules.

- **Asset Lifecycle Management:** Oracle Enterprise Asset Management enhances work request approvals using AME. Additional enhancements further streamline asset management and maintenance operations. For example, work request resolution dates can be defaulted based on setup, and work order descriptions can expand to 2000 characters. Enhanced Geographic Information System (GIS) mapping improves visibility to asset status and work request actions.

- **Service:** Oracle Service supports charges integration with Oracle Advanced Pricing to allow item charges, such as for replacement parts, to be priced using Advanced Pricing rules. Additional enhancements increase control and flexibility of service delivery management. For example, Advanced Scheduler can limit planned versus reactive work performed by service technicians, and can capture a reason code for a missed service level agreement (SLA.) Teleservice can send workflow notifications to non-employees, including to suppliers and field service partners. With a new prescriptive recommendation capability, Oracle Depot Repair proposes root causes and recommends best fixes based on past service orders. A Depot Repair command

center helps service personnel increase the velocity and quality of repairs.

- **Human Capital Management:** Oracle Time and Labor offers mass upload of employee time card entries along with an enhanced time card retrieval dashboard to save administrator and line manager effort. Additional enhancements enable productivity gains across the HCM product family. For example, updates to Self-Service Human Resources (SSHR) information now trigger email confirmations. In Canada, employees can view and update their tax information via SSHR. In the US, ex-employees can view and download SSHR payslips and W-2 forms. A Human Resources Command Center helps administrators and line managers explore and analyze the workforce to make informed decisions. For example, a manager can find the workers in a targeted region with a needed skill set or competency. An HR administrator can filter to workers who share attributes such as location or salary range, and then perform an HR action on their behalf.

- **Applications Technology:** Enhancements to the Oracle Application Framework (OAF) improve the user experience of HTML UIs. New "list search" functionality simplifies table searches in many high-use HTML pages. With list search, users can view saved table searches as infotiles. Users also can select filter values displayed next to a table, including values derived from descriptive flexfields. Additional HTML enhancements include a simplified table toolbar, and popups for lists of values, date picker, key flexfields, and descriptive flexfields, Oracle Workflow provides enhanced options for configuring email notification attachments, and supports date and time display in the user's preferred time zone. Oracle E-Business Suite Cloud Manager provides increased automation to help customers run Oracle E-Business Suite on Oracle's Cloud Infrastructure.

For more information on Oracle E-Business Suite advances delivered in 2019, see:

- Oracle E-Business Suite Releases 12.1 and 12.2 Release Content Documents (Doc ID 1302189.1)

Availability and Deployment

Oracle E-Business Suite 12.2.9:

Oracle E-Business Suite 12.2.9 is currently available on My Oracle Support as Patch 28840850. Release 12.2.9 is cumulative and includes new updates as well as updates made available in one-off patches on 12.1.3 and prior 12.2 releases.

The 12.2.9 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 12.2.9 Readme, Doc ID 2495027.1.

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 "Oracle Enterprise Command Center Framework, Release 12.2", Doc ID 2495053.1. The document lists all applicable patches for Release 12.2.4 and higher.

HRMS Release Update Pack:

Instructions for applying the latest Oracle HRMS Legislative Data Patch are available in "Latest Oracle HRMS Legislative Data Patch Available (HR Global / hrglobal)", Doc ID 145837.1.

Lease Accounting Updates:

The "E-Business Suite Release 12: Oracle Property Manager IFRS & Equipment Lease Information Center," Doc ID 2482062.2, provides complete instructions for implementing support for IFRS16 and ASC842 lease accounting updates.

EBS Cloud Manager for EBS on Oracle Cloud Infrastructure

Instructions for deploying the latest Oracle E-Business Suite Cloud Manager on Oracle Cloud Infrastructure and for preparing the tenancy for the first set of Oracle E-Business Suite environments are in "Deploying Oracle E-Business Suite Cloud Manager on Oracle Cloud Infrastructure," Doc ID 2434500.1.

Additional Supporting Resources

- Oracle E-Business Suite: Innovations in 2019 (video) *[Cliff Godwin's announcement]*
- Oracle E-Business Suite on Oracle.com *[EBS information resources]*
- Oracle Enterprise Command Centers Quick Start Guide (PDF) *[ECC-specific information resources and patches]*
- Oracle E-Business Suite Release 12.2 Information Center *(Doc ID 1581299.1)*
- Oracle E-Business Suite Release Content Documents *(Doc ID 1302189.1)*
- Oracle E-Business Suite Transfer of Information Online Training *(Doc ID 807319.1)*
- Oracle E-Business Suite Documentation Web Library, Release 12.2 *[EBS product documentation]*

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