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## **Announcing JD Edwards EnterpriseOne User Experience Enhancements, New Mobile Features, Industry Functionality, and Tools Features**

Oracle JD Edwards today announces significant product updates to empower our customers on their journey to becoming digital enterprises. These enhancements provide companies transformative solutions to innovate in the digital economy and to run their business their way.

Extending its commitment to JD Edwards EnterpriseOne applications, Oracle is announcing the availability of additional UX One Role-Based Content, enhanced Mobile applications and Mobile foundation, updates to Revenue Recognition for Real Estate, ERP industry enhancements, legislative enhancements and a seamless integration with Oracle Content and Experience Cloud Service. We are also announcing the availability of Tools 9.2.1.2 which includes new functional enhancements and additional platform certifications.

### **JD Edwards UX One – New and Enhanced Role-Based Content Available**

JD Edwards continues to enhance the user experience to UX One Role-Based Content with 12 additional roles (now 50 total roles), two enhanced roles, and new navigation capabilities.

UX One includes both Role-Based content that customers can utilize out of the box and tools that can be used to create, configure, and personalize your solution to further optimize a user's interaction with JD Edwards EnterpriseOne. UX One role-based content uses Landing Pages, Watchlists, Analytic Components, CafeOne layouts, List View grid formats, Springboards, Personal Forms, and modern UI controls that visualize data in intuitive graphical formats, such as maps, Gantt charts, and hierarchies, to create a rich and intuitive user experience.

New UX One roles include:

- Asset Manager
- Crop Manager
- Field Manager
- General Accounting Manager
- HR Manager
- Maintenance Scheduler
- Maintenance Technician
- Plant Manager
- Production Manager
- Production Scheduler
- Wine Cellar Manager
- Winemaker

In addition, two existing roles, Project Manager and Property Manager, have been enhanced to include additional Watchlists and Analytic Components.

Navigation from Analytic Components allows users to explore business conditions in more detail after reviewing information visualized in charts or graphs. This enhancement to Analytic Components enables drilldown to a detailed list of all data or a segment of data that fed the chart or graph.

UX One roles enhanced with navigation capabilities include:

- Accounts Receivable Manager
- Benefits Manager
- Customer Service Manager
- Customer Service Representative
- Field Service Manager
- Maintenance Manager
- Payroll Manager
- Pricing Operations Manager
- Procurement Manager
- Project Manager
- Property Manager
- Safety Manager
- Service Operations Manager
- Strategic Buyer
- Warehouse Manager

## **Mobile**

JD Edwards continues to improve its mobile solutions as the demand for mobile capabilities continues to grow. In this release, JD Edwards has made the following enhancements:

- Extended bar code scanning to an additional 16 mobile applications (28 total)
- Developed a new Watchlists mobile application
- Added third party single sign-on authentication to the mobile tech foundation
- Upgraded all mobile applications to the latest version of Oracle Mobile Application Framework (MAF)

### **Barcode Scanning**

Barcode scanning reduces the need to manually enter information, making users more efficient and less prone to errors. Existing mobile applications have been enhanced to allow barcodes to be scanned via the device camera or through a peripheral device. Mobile Applications enhancements are within Equipment Management, Case Management, Project Management, Conditioned Based Maintenance, and Service Management. Additional fields that can now use barcode scanning are Service Order Number, Work Order Number, and Asset Number.

### **JD Edwards EnterpriseOne Watchlists for Mobile**

The new JD Edwards EnterpriseOne Watchlists for Mobile application enables you to easily access your Watchlists, which provide alerts based on criteria of business conditions, whether on a smartphone or tablet. Casual mobile users can now act on situations in a more timely manner by accessing these alerts from the mobile devices while on the go.

### **Single Sign on with Oracle Mobile Cloud Service**

JD Edwards Mobile Platform has been enhanced to enable third party single sign-on (SSO) authentication to access JD Edwards EnterpriseOne mobile applications that are routed through Oracle Mobile Cloud Service (MCS). Oracle MCS is a cloud-based Mobile backend service (MBaaS) that provides a complete solution for developing, deploying, maintaining, monitoring, and analyzing the mobile applications and the resources that we rely on. In the Oracle MCS, all resources are secured and can only be accessed by authenticated users who are authorized to access those resources. This enhancement allows the JD Edwards EnterpriseOne mobile user to use the existing mobile application login screen, enter their third party SSO credentials and have the mobile application function exactly as it is interacting with the AIS server directly.

### **Mobile Applications Updated to MAF 2.3.3**

All EnterpriseOne mobile applications have been updated to Oracle Mobile Application Framework (MAF) 2.3.3, which contains a number of performance improvements. This enables customers to take advantage of new features in this version and leverage MAF capabilities to extend mobile applications to integrate with third party solutions.

### **Oracle Content and Experience Cloud Service for JD Edwards**

We are very excited to announce that Oracle Content and Experience Cloud Service is now embedded in JD Edwards EnterpriseOne.

Content and Experience Cloud Service is a collaboration solution that provides secure cloud-based storage for enterprise content. It offers anywhere, any device access and flexible file sharing capabilities for collaboration, both inside and outside your organization.

JD Edwards with Content and Experience Cloud Service enables a collaboration platform with a set of features such as user conversations, contextual document management and transactional conversations so that acts of collaboration happen naturally, organically, and in the context of the business.

The out-of-the-box solution empowers users to store documents in the cloud and to securely share and collaborate on those documents with coworkers and others outside your organization. Content and Experience Cloud lets you start conversations and collaborate on documents in the context of JD Edwards business transactions and objects such as invoices, purchase orders, assets, suppliers, items, etc.

A subscription to Content and Experience Cloud Service is required to use this functionality.

## **Industry Driven ERP Enhancements**

### **Sales Repost**

Enhancements to the existing Sales Repost process improves inventory availability accuracy that is essential when taking sales orders from customers and determining if the order can be filled. Sales Repost is used today periodically to ensure that soft and hard commitments are accurately in line with active sales orders to be fulfilled. Inventory Commitment Refresh is a new batch process that runs prior to the Sales Repost across any item to clear out commitments improving the accuracy of inventory availability.

### **Grower Management**

The calculation of Total Additive Quantity used in the Spray Operation and of all operational costs has been enhanced so that it is based on the treated area within the block, providing improved inventory and cost visibility.

### **Job Cost Original Budgets – Manage account category codes**

Customers using the Job Cost Original Budget application can now review and update category codes 24 through 43 for each account related to a job. While customers have long been able to manage job attributes using these category codes, the codes are now exposed for use in the Job Cost Original Budget application.

### **Print Incident Report**

A previous enhancement to Health & Safety Incident Management introduced a print icon that allows the user to produce a Detailed Incident Report with a single click from any incident row. This capability has been enhanced to enable you to specify the version of the Detailed Incident Report to use when printing.

## **Legislative Updates**

### **Revenue Recognition for Real Estate**

EnterpriseOne 9.2 Real Estate Management has been enhanced to support upcoming global accounting standards for the recognition of revenue from leases. Building on the JD Edwards revenue recognition foundation previously delivered, the enhancements to Real Estate provide the ability to configure which invoices coming from the Real Estate Management system should go into the revenue recognition process.

In addition, we now provide the ability to create a schedule of Accounts Receivable, Contract Billing, Service Billing and Real Estate invoices that are in the revenue recognition process to automatically recognize revenue over time. This simplifies the process of recognizing revenue

for certain classes of recurring invoices, such as a lease where the schedule is known in advance.

### **Paycheck Transparency**

Paycheck Transparency enhancements for JD Edwards EnterpriseOne and World facilitate federal contractor compliance with provisions of Executive Order 13673, Fair Pay and Safe Workplaces. According to the Order, when the wage statement (i.e., pay stub) is not provided weekly and is instead provided for another pay frequency such as bi-weekly or semimonthly, the hours worked and overtime hours detailed in the wage statement should be reported by week. Enhancements to pay cycle processing and print payment functionality support the ability to report pay information on the pay stub by week for employees whose pay frequency is not weekly. These enhancements enable employers to increase transparency of compensation information and enhance workers' understanding of their paycheck, promote greater compliance with labor laws, and increase economy and efficiency in government contracting.

### **Localization Updates**

This release delivers the following Localization updates:

- India - GST Setup Applications
- Brazil - NFe Email Response Capability
- Brazil - BSSV Modification to Provide Static URL
- United Kingdom - Construction Industry Scheme Amendments
- EU - CGI (Common Global Implementation) Format
- Poland - 2017 JPK Updates to Sales and Purchases VAT Registers

### **JD Edwards EnterpriseOne Tools 9.2.1.2**

Tools Release 9.2.1.2 provides customers with additional enhancements benefiting all of our Applications including new Personal Forms features, enhanced Enterprise Search, new Orchestration integration capabilities, tools to greatly simplify the administration and patching of your applications, as well as several updated platform certifications.

### **UX One Foundation**

JD Edwards continues to improve its Personal Forms feature, which was introduced in [Tools Release 9.2.1](#) as demand for personalizations continues to grow. To further enable users to personalize their interactive applications, we announce the next set of Personal Forms features: tab sequencing, support for Power Forms, snap to the nearest objects, renaming containers, mark field as required, cut and paste controls.

### **JD Edwards EnterpriseOne Search**

JD Edwards has simplified the creation and management of JD Edwards EnterpriseOne Search with Tools Release 9.2.1.2. To align with JD Edwards' personalization framework, business users can now create and modify Search with the new intuitive Search Composer. By leveraging this Composer, the business can define searches to maximize user productivity and streamline business processes. Furthermore, to simplify the management and security of Search, the feature has been enhanced to be a User Defined Object (UDO). This will allow the business users to manage Search in the same way as other personalization features such as E1 Pages, CafeOne and One View Watchlists.

## **Orchestrator Studio and Applications Interface Services (AIS)**

With Tools Release 9.2.1.2, the following capabilities have been added to JD Edwards Orchestrator and AIS to further accelerate digital transformation:

- **Data request service:** A new data request service allows users to create orchestrations that retrieve data from JD Edwards' tables and business views. The returned data can also be aggregated, for example as a sum, average, or count. This new feature gives users access to the wealth of data stored in JD Edwards EnterpriseOne tables while enforcing JD Edwards security.
- **Email notifications as output:** Users can now include an orchestration step that sends a notification via the JD Edwards EnterpriseOne Work Center or any e-mail system. For example, this enhancement allows the orchestration to notify the purchasing agent via email that a new purchase order has been generated.
- **Connections to other orchestrations:** Users can now include an orchestration step that invokes another JD Edwards orchestration, thus allowing orchestrations to be "chained" together. For example, an orchestration might be designed to automatically generate a purchase order when inventory quantity reaches a reorder point level.
- **Control over orchestration output:** Users can now employ output mappings to have more control over the format of the data that is returned in the orchestration's REST service response. This enhancement allows the external systems that invoke orchestrations to more easily discover and understand the expected response from the orchestration.
- **AIS cache for read data:** The new data cache on the AIS server improves performance for repetitive data requests. Administrators and orchestration authors have control over the longevity of the cache.
- **AIS APIs in Swagger.** All AIS APIs are now documented in the popular Swagger framework.

## **Object Tracking and Enhanced Impact Analysis**

Continuing Oracle's investment to simplify processes for customers to stay current with innovations delivered in JD Edwards EnterpriseOne, JD Edwards is announcing Object Usage Tracking. This new capability provides enterprise wide visibility on JD Edwards' interactive applications and batch jobs (UBEs) executed, customized and patched in customer environments. Out of the box UX One analytics helps customers identify modules in use, usage patterns, as well as peak usage and load across environments to give greater insight for usage, performance, issue analysis, and managing compliance.

The enhanced JD Edwards Enterprise One Impact Analysis tool utilizes the object usage statistics to provide valuable information on the impact of patches in a customer environment. This tool easily identifies customizations that will need to be retrofitted and objects that will need testing while applying a patch.

This will help customers know which objects to test based on business usage, provide a better understanding of how much time to allocate for applying updates and how to streamline communication to users impacted by the update.

## **Platform Certifications**

JD Edwards EnterpriseOne deployments depend on a matrix of interdependent platform components from Oracle and third-party vendors. The product support lifecycle of these components is driven by their vendors, creating a continuous need to certify the latest

versions of these products to give customers a complete technology stack that is functional, well-performing, and supported by the vendors.

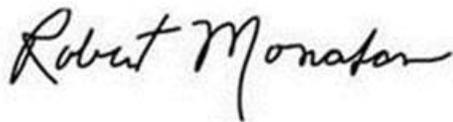
- Microsoft SQL Server 2016
- Oracle BI Publisher 12.2.1
- Oracle Solaris 11.3
- Oracle Developer Studio 12.5
- IBM i 7.3
- IBM WebSphere Application Server (WAS) 9 for Development client
- Vertex Sales Tax for Q-Series

### Supporting Resources

- [Oracle's JD Edwards EnterpriseOne](#)
- [LearnJDE.com](#)

Today's announcements demonstrate Oracle's continuing investment in the JD Edwards products and our commitment to our customers to enable their journey to a digital enterprise.

Sincerely,



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