JD Edwards EnterpriseOne Update
August 2019
Safe Harbor Statement

The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, timing, and pricing of any features or functionality described for Oracle’s products may change and remains at the sole discretion of Oracle Corporation.
Agenda

1. Digital is Changing ERP
2. JD Edwards Continuous Innovation
3. Product Investment Strategies
4. JD Edwards and Cloud
5. Summary and Call to Action
DIGITAL ERP
JD Edwards applications create competitive advantage
JD Edwards is your Digital Platform that enables transformation

- Enables customers to transform their business processes
- Automate manual tasks eliminating errors and streamlining processes
- Extend the enterprise to mobile workers, field staff, machines, and suppliers
- YOUR digital solutions that YOUR business requires
JD Edwards Continuous Innovation and Product Roadmap
Continuous Innovation
Premier Support for EnterpriseOne 9.2 until AT LEAST 2030
JD Edwards Investment Strategies
Digital Transformation
Orchestrating Digital Success

- Process automation
- User interface (mobile)
- Real-time machine to machine data (IoT)
- Cloud Integration (SaaS, PaaS)
- Third Party Integrations
- Emerging technologies
Automating Distribution, Manufacturing and Transportation Processes

EnterpriseOne 9.2 with Orchestrator, IoT and Cloud

- Tracks production process from raw materials to delivery of products at customer stores with IoT
- Automates manufacturing line, warehouse and distribution of final products using Orchestrator
- Integrated with Oracle Transportation Management Cloud Service to manage logistics
- Integrated with Oracle Planning and Budgeting Cloud Service to streamline financial planning
- Ensures compliance with Brazilian regulations
European Fuel Supplier Transforms Fleet of Rail Cars and Barges

EnterpriseOne 9.2 with Orchestrator and UX One

- Uses IoT devices to track geolocation of +1,000 rail cars and barges throughout Europe
- Uses Orchestrator to collect and record data into EnterpriseOne Capital Asset Management
- Uses UX One to display location and status of rail cars and barges
- Collects data every 5 minutes for 1,000+ assets; 30,000 transactions per day
- Near real-time visibility; better planning, analytics
Continuous Delivery of Orchestrator and Notification Enhancements

The Orchestrator transforms how you use your entire JD Edwards system. Orchestrator automates the collection, processing, and exchange of data. There are many patterns for Orchestrator including automation, integration, notifications, and capturing data from IoT or other sources, all of which lead to automation. For more information about Orchestrator features, click the Tools Release below to access the Net Change guide or click on a specific topic to view the supporting content.

- Map orchestration output back to fields on a form extension
- Orchestrations for system administration
- Enhanced Scheduler APIs
- Object as an orchestration input

Tools Release 9.2.3.4
July 2019

- Call orchestrations from form extension
- Open standards support
- Orchestrations, URLs, and reports as actions in messages
- Subscription categories
EnterpriseOne Notifications

Stay Connected and Act Fast

- Stay informed even when not signed on to EnterpriseOne
  - Low inventory
  - Shipment arriving
  - Equipment down
- Notifications sent to subscribers via multiple methods
- Available for EnterpriseOne data or external systems
JDE and Mobile
Apps at your business process
Mobile App Development

Customer Choice

+ Oracle Technology
User Experience
Ways to Tailor JD Edwards

Configuration
Setup EnterpriseOne to meet the needs of the organization’s business processes

Personalization
Simplify and extend the user experience using JD Edwards User Defined Objects

Customization
Programmatically change forms, logic and data to solve company-specific business requirements

Cost
Lower  Cost  Higher
UX One enables Digital decisions
UX One Includes these Personalizations

User Defined Objects (UDO) are managed with the same lifecycle tool
Managing by Exception to Improve Customer Outcomes

UX One, CafeOne, Form Personalization and Mobile

- Alert, Analyze, and Act paradigm fundamentally changes user behaviors
- “Managing the business by exception” using Watch Lists, CafeOne and role based landing pages
- UX One, UDOs, Orchestrator, and Mobile allowed them to build CRM replacing SalesForce.com
- Form personalization, advanced queries and search provided process improvements driven by “citizen developers”
## Our Focus on Customer Driven Enhancements

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Lease Accounting For Property and Non-Property
Meeting Your Global Accounting Requirements

- Simplify and automate global lease administration
- FASB ASC 842 and IFRS 16 standards

**Key Features**

- Lessee accounting for property and non-property leases
- Lease terms change management
- Simplified lease management
- Lessor accounting (FASB 13) for property leases - straight line rent
- Revenue recognition for lease management companies

Available with EnterpriseOne Financials 9.1 and 9.2
Joint Venture Management

Use Joint Venture Management to:
– Maintain partner division of interest
– Distribute costs & revenue
– Bill and pay partners
– Provide operational and financial reports

Available with EnterpriseOne Financials 9.2
Automatically Populate Pick Date from ATP/CATP

Benefits
- Automatically populate the pick date based on planned Supply and Demand
- Reduce the time and effort associated with selecting the date manually

Features
- Ability to turn the feature On or Off
- Support orders entered manually and via EDI
- Support orders released from future commitment system
Activity Rules for Manufacturing Work Orders

Benefits

• Forces adherence to an established process flow
• Prevents transactions that aren't allowed based on status
• Provides consistency with Maintenance Work Order, Sales Order, and Purchase Order processing

Features

• Manufacturing Constants control to turn on
• Status changes are validated against activity rules, when an update status is specified that is not in the status flow, a hard error is generated
• Work orders may also be locked and frozen
Work Order Ledger

Track work order changes to satisfy auditing or regulatory requirements

- Change history tables populated when changes are made to a work order or rate schedule
- Triggered by WO status according to new fields in the Work Order Activity Rules
- Inquiry and report programs to access the data

Record changes to:
- Header
- Parts List
- Routing

Status 10  Work order created
Status 40  Work order in process
Status 97  Work order accounting complete
Warehouse - License Plate Picking Optimization

Benefits

• Optimize license plate picking
• Maximize location utilization
• Maximize overall warehouse productivity

Features

• Ability to Enable/Disable License Plate Breakdown
• Ability to identify a license plate as a partial plate
• Enhanced picking logic to allow sequencing and breakdown of full and partial plates
Project Status Inquiry

- Project based assessment of multiple jobs status
- Includes budgets, actuals and forecasts
- Level of Detail Rollup
- Projected final costs

Roadmap subject to change without notice. The above is intended for information purposes and may not be incorporated into a contract.

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JD Edwards Product Announcements – LearnJDE.com to Learn More

What JD Edwards is Announcing

July 17, 2019 - Announcing JD Edwards EnterpriseOne Customer-Driven ERP Enhancements and Tools Digital Features

Customer-Driven ERP Enhancements

Customer-driven ERP enhancements continue to build on the extensive business applications already available within JD Edwards EnterpriseOne.

- Financials
- Human Capital Management
- Manufacturing
- Order Management

Tools Digital Features

Today we are also announcing Tools Release 9.2.3.4. This release provides customers with innovation benefiting our Applications Releases 9.1 and 9.2 including Extensibility framework enhancements, operational simplification and updated platform certifications.

- Orchestrator Support for Server Manager
- Platform Certifications

Read more →
From Manual to Digital
Leveraging Orchestrator to deploy BOT automating Financial Transactions

Accounting BOT eliminates manual data entry and errors

Old Way
• Corporate creates 100s of G/L entries sent to the divisional level via spreadsheet
• Spreadsheets manually uploaded to the divisional Financial system

New Way
• Automation Anywhere was picked to create Bots to replace this manual work
• The Finance Robotics Process Automation Team automated the process leveraging the JD Edwards Orchestrator
• Large and tedious data inputs done in a matter of minutes

“We no longer have to type the data and saved several minutes for each transaction”
Operational Simplification
Lowering the Total Cost of Ownership

Enabling Customers to Focus on their Businesses

Recent Highlights
• Object Tracking and Usage
• System Health Checks
• User Defined Object management
• Code Current Updates

Planned and Researching
• Personalization improvements (planned)
• Autonomous Database (planned)
• System self monitoring (research)
• Automated patching (research)
• Elastic deployment (research)

Continued Low Total Cost of Ownership and Simplification on your JD Edwards platform!
Oracle is Securing your Data

Keeping an Eagle’s Eye on JD Edwards Security

- Oracle has the industry’s best security vulnerability process
- JD Edwards EnterpriseOne leverages this expertise
- 4 security releases per year to the JD Edwards tools layer
- Enabling standards based enterprise security solution
Automated DevOps

- Automate common tasks
- Lower EnterpriseOne administrative costs
- Proactive and self-correcting
- Reduce the need for specialized administrative skill sets
64-bit Enablement

Future Proof your Technology Investments

• Enables you to adopt future technology and future-proof your environments

• Third-party providers are delivering only 64-bit components

• Enables JD Edwards to deliver future product innovation

• There is no impact to your business processes or business data
Certifying Oracle Autonomous Database for JD Edwards

- **Self-Driving**: Reduces human labor
- **Self-Securing**: Protects itself from attacks
- **Self-Repairing**: Keeps business up and running
Modern Platforms for Enterprise Computing

Leveraging technology, software, and infrastructure to ensure maximum operational capability and flexibility for the lowest cost
Simplification of Development Client

- Remove local databases from development client
- Developers save to central repository, not individual local database
- Faster package builds, smaller footprint for client packages
- Reduce cost of installation and maintenance
- Enable flexibility and convenience where developers work (portable)
- Workstations can be pooled resulting in lower licensing costs
JD Edwards and Cloud
JD Edwards Practical Paths to Oracle Cloud

Hybrid by design for CHOICE and CONTROL

Complement
Extend
Optimize

JD Edwards

SaaS
PaaS
IaaS

Digital Business
Oracle SaaS Cloud Services with JDE

Practical Scenarios

CX
- CRM
- CPQ
- Service
- Accounting Hub
- Project Portfolio Management
- Procurement
- Purchasing for Indirect Procurement

ERP
- Enterprise Planning and Budgeting
- Enterprise Performance Reporting
- Financial Consolidation and Close

EPM
- In-Memory Cost Management
- Transportation Management
- Global Trade Management
- Supply Chain Planning

SCM
- Global Human Resources
- Recruiting
- Learning

HCM

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JD Edwards and SaaS
Modern supplier management for tracking change order life cycle with Cloud Procurement and Supplier Qualifications

- **Oracle ERP Cloud** - Oracle Procurement Cloud
- **Oracle HCM Cloud** - Oracle Global HR Cloud
- **Oracle Business Analytics Cloud**
Content and Experience Cloud for JD Edwards
Out-of-the-box Integration with PaaS

• In-context transaction related content and collaboration
• Collaborate inside and outside of JDE
• Engage with employees, customers, suppliers, partners
Integrating JD Edwards with Cloud Services

EnterpriseOne 9.2 with Orchestrator, Oracle Cloud Service, IoT and Mobile

• Mobile moved strategic data and desired business outcomes closer to their workforce and their customer base
• Orchestrator integrated machine data from IoT enabled fleet
• Oracle PaaS solutions including Content and Experience Cloud and the CPQ
• JD Edwards user interface leveraging data from both EnterpriseOne and third party providers
Move JD Edwards to Oracle Cloud Infrastructure

JDE on Oracle Cloud (IaaS) without Business Process Change

Leverage the JD Edwards you OWN

Run the JD Edwards you KNOW

Differentiate the JD Edwards you CONFIGURED
Reference Architecture on OCI

- Certified by JD Edwards
- Optimized for Cloud deployments
- End to end testing each refresh cycle
- Adherence to common standards
OCI Use Cases for JD Edwards Customers

Extend Current Data Center
- Transient workloads (Training or ad-hoc testing, evaluation of new versions, gap analysis)
- Rapid implementation for acquired subsidiary, geo expansion or separate LOB

Non Critical Workloads
- Easily spin up development / test environments
- Effectively share resources
- Better ROI on cost & utilization

Disaster Recovery
- “On-premises to cloud” or “cloud-to-cloud”
- Persistent storage back up; full application stack DR
- Pay only when you need & use it

Production Workloads
- Get out of data center business
- Reduce risk of technology obsolescence & limit liability
- OpEx instead of CapEx model

Reduce Cost & Modernize IT
JD Edwards Elasticity on OCI

• Pay for what you use
• Workload driven
  – OCI Auto-scaling
  – Compute VM
  – Database VM
  • Autonomous Database
• JD Edwards Server Elasticity
  – Docker Containers
  – Spin up / down
TruGreen moves JD Edwards to OCI

Key Drivers

• Long term service contract for operational platform was ending
• Needed a nimble, scalable solution, taking future growth into consideration

Solution & Results

• Replaced outdated WebSphere, DB2 and AIX stack with JD Edwards E1 9.2 on OCI platform
• Improved agility, service and performance
• Fast average ERP query response time of 0.07 seconds per user interaction

“Our users are ecstatic with the performance. We’re one month in and already saving relative to our previous solution.”

- Cliff Lee, Director of Corporate Systems, TruGreen

Oracle Partner
Phibro Animal Health Corporation

- Multi-national supply chain and manufacturing operations moved from on-premises operations
- Migrated from IBM platform to Oracle
- Choose Oracle cloud services for JD Edwards and Oracle applications and platform
  - Oracle Database Cloud
    - Enterprise Edition
  - Oracle Identity Cloud
- Elastic operations for peak usage
Summary and Call to Action
Global Upgrade to 9.2 in 6 Months
Single Instance of EnterpriseOne 9.2 with Multiple Time Zones and Languages

- 9.0 to 9.2 upgrade
- Used Simplified Upgrade
- 3,500 users and 7 manufacturing locations globally
- Implemented Lease Management
- Exploring E1 pages
- Researching One View Reporting
- Implementing Mobility
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Why you should Upgrade to EnterpriseOne 9.2

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- JD Edwards Conferences
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