

# The top 4 ways to drive Oracle JD Edwards modernization

Improve efficiency, increase cost  
savings and realize unprecedented  
performance gains



ORACLE

Partner







# 1.

Why modernize?



# 2.

Benefits



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Why SaaS?



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Why IaaS?



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## The Top 4 Ways to Drive Oracle JD Edwards Modernization

# 01 Why modernize?

Business and IT leaders, particularly CFOs and CIOs, of organizations who are using Oracle JD Edwards (JDE) as their Enterprise Application may have the following challenges:



### Business

- Data is not available for real-time intelligent decision making
- Lack of agility to respond to changing business needs and competitive landscape
- Issues in scaling up or down
- Ability to react quickly to mergers and acquisitions
- Effectively position organization for further growth
- Ability to easily taking advantage of the benefits of digital transformation with RPAs, IoT, implementing and integrating with other SaaS products, mobile applications and/or artificial and cognitive intelligent solutions



### IT

- Costly and difficult to manage As400 / iSeries / DB2 database environments on-premises
- Talent attrition concerns with RPG skills shortage and highly skilled workers retiring if still using JD Edwards World Soft versions
- Failure to ensure performance, scalability, uptime and security
- Difficulty integrating with other systems, cloud databases
- Lack of the ability to take advantage of cloud infrastructure

The current road map of Oracle JD Edwards customers is to:

- ① Upgrade to EnterpriseOne 9.2
- ② Enhance with SaaS
- ③ Optimize with IaaS
- ④ Innovate with PaaS

Many customers with an on-premises installation on IBM iSeries are already **planning for a major transformation** due to the demand for **better user experience and more powerful performance through integrated cloud computing.**

## 02 Benefits

For the JD Edwards customer, the modernization journey begins with an upgrade to JD Edwards EnterpriseOne 9.2 and moving to Oracle Cloud Infrastructure.

Modernizing your JD Edwards instance to EnterpriseOne 9.2 unlocks opportunities for your enterprise to develop into a digital enterprise bringing together the following benefits:

- Personalized user experience
- Ability to automate the collection, processing, and exchange of data via Orchestrator
- Notifications that enable the system to notify users of business events as they happen without the need for the user to be online
- World class security
- State-of-the-art infrastructure
- Better performance and compute

- Lower total cost of ownership across the enterprise including license costs
- Browser based UI
- Better process tools
- Pre-built integration with other Oracle apps
- Increased functionality

The EnterpriseOne 9.2 Mobile Enterprise Solutions enable the workforce to accelerate business execution on the device of their choice. The new features in core process and industry verticals extend the application footprint across the enterprise. Additionally, One View Reporting provide analytical reporting in 20 functional areas.

The JD Edwards EnterpriseOne Orchestrator is an integral part of an Internet of Things (IoT) configuration with EnterpriseOne and supports other various integrations with Cloud services, third-party applications, custom programs and more.

The JD Edwards EnterpriseOne 9.2 Health and Safety Incident Management solution is another way to help modernize your solution.

JD Edwards EnterpriseOne 9.2 Health and Safety Incident Management module offers:

- An integrated solution with JDE human capital, inventory and assets modules
- Managed and tracked safety incidents
- Recorded costs and assigned tasks
- All regulatory compliance requirements like OSHA and BLS reports are available in ready to submit format.
- ‘Add Incident’ and ‘Safety scorecard’ mobile applications are available for smartphones and tablets





## 03 Why SaaS?

The core functionality of JD Edwards EnterpriseOne 9.2 continues to provide robust capabilities that meet the critical needs of organizations leveraging the solution. As organizations progress along their digital transformation journey, there is a need for more robust, agile capabilities as markets shift and demands change.

The Oracle Cloud SaaS solutions provide an unmatched breadth and depth of capabilities that go beyond core JD Edwards EnterpriseOne 9.2 to provide enhanced solutions.

The following are the key areas that JD Edwards customers can optimize with Oracle Cloud SaaS:

### Oracle Human Capital Management (HCM) Cloud

Oracle JD Edwards provides a solid foundation of functionality in the HCM and payroll area, but Oracle HCM Cloud is a best-in-class solution with robust, end-to-end capabilities which enhance JDE with the following:



Global Human Resources



Talent Management



Workforce Management

### Oracle Procurement Cloud

Oracle JD Edwards includes a robust solution for managing core execution of procurement transactions, but in order to facilitate full end-to-end digital transformation, Oracle Procurement Cloud can be leveraged to provide capabilities above and beyond JD Edwards, such as:



Catalog Management and external Punch-outs



Supplier Collaboration via portal



Certification and Qualifications Management



Sourcing



Contract Management










## 03 Why SaaS?




### Oracle Enterprise Performance Management (EPM) Cloud

Oracle JD Edwards includes a strong financial management solution with core transaction processing capabilities, but as organizations grow and expand with multiple footprints, extended capabilities are needed to enhance JDE, such as:

-  Account Reconciliation
-  Financial Consolidation and Close
-  Narrative Reporting
-  Profitability and Cost Management
-  Tax Reporting

### Oracle Supply Chain Management (SCM) Cloud

Oracle JD Edwards EnterpriseOne is a leader in manufacturing and distribution industries with extensive capabilities to optimize execution with efficiency. Despite these capabilities, digitally disruptive tools are constantly being expanded in the cloud suite which support optimal performance above and beyond core Oracle JD Edwards, including:

-  Product Lifecycle Management
-  Product Hub
-  Global Trade Management
-  Project Portfolio Management

### Oracle Customer Experience (CX) Cloud

End-to-end management of the customer relationship in all facets is critical for obtaining and retaining long-term relationships, Oracle's CX solution provides best-in-class solutions which enhance Oracle JD Edwards effectively in the following areas:

-  Marketing
-  Commerce
-  Sales
-  Service





## 04 Why IaaS?

Many companies are moving to Oracle Cloud Infrastructure (OCI) for improved efficiency, cost savings and performance gains compared to on-premises deployments.

Key value propositions include:



Oracle JD Edwards EnterpriseOne optimized and certified on Oracle Cloud



Rapid provisioning and multiple deployment options:

- One Click Provisioning
- Containerized Oracle JD Edwards deployment
- Oracle Autonomous Database and other services as needed



Better performance on OCI



Elasticity and capacity on demand



Reuse existing licenses to keep total cost of ownership down



Easier adoption to full suite of SaaS / PaaS / IaaS offerings catered to EnterpriseOne



Stay current and modern with your Infrastructure perpetually

### Oracle Cloud Infrastructure (OCI)

Oracle Cloud Infrastructure is a modern Hybrid Cloud platform built for the enterprise.

It provides peak and consistent performance, flexibility to support any type of workload, robust governance, enhanced security and data privacy through transparent data encryption with robust identity and access controls, and provides SLAs for performance, management and availability.

With the OCI Interconnect with Azure, Oracle has opened up a wide range of opportunities to:

- **Innovate Across Clouds** with the ability to deploy fully supported, cross-cloud solutions across OCI and Azure quickly and easily with unified identity, fast interconnect, and collaborative support while also
- **Maximizing Return on Investment** by leveraging and capitalizing on existing investments and licenses, partnerships, skill sets, and data while achieving cloud migration goals. Customers can now access their distributed data estate to gain enhanced visibility and support better decision making via their Oracle, Microsoft, or third-party data visualization platforms of choice.



## 05 Why PaaS?

PaaS services can help companies extend their Oracle JD Edwards EnterpriseOne functionality and modernize their environment.

Companies can easily take advantage of innovative technologies that PaaS offers:



Provide a common, scalable and automated way to connect to on-premise and other cloud platforms

- Unified platform to automate application, data and process integration



Secure applications and reduce risk

- Enable identity self-service and policy enforcement
- Cloud Access Security Broker (CASB) provides visibility, threat protection, data security and compliance for OCI deployments



Leverage IoT Cloud Services for device data capture and processing



Leverage database cloud services



Ability to extend your environment by creating new applications

- Customize UI and logic extensions
- Use visual / low code application development
- Reliably extend business processes and accelerate transactions with blockchain



Analyze data across all your business

- Easily blend data from multiple sources
- Smart analytics
- Intuitive data visualization



Ability to take advantage of the latest Artificial Intelligence (AI) and Machine Learning (ML) solutions to help improve your business



Build your own custom mobile applications that integrate to Oracle JD Edwards EnterpriseOne application modules



## 06 How to start?

Companies looking to modernize Oracle JD Edwards need the ability to accelerate the journey. The IBM Cloud Impact Assessment for JD Edwards provides critical insights to help with this accelerated journey.

The methodology has four cornerstones:

**Current state:** Based upon the diagnostic data in the current state, we compare client performance against a library of business and system KPIs relevant to industry and geography. A Red / Amber / Green (RAG) status by functional area is produced, with associated detail, including the system observations that enable or inhibit business performance.

**Target state:** Defines the process and system improvements (and risks) in migrating to Oracle Cloud. The Target State includes other enabling technologies (e.g. automation) plus policy and procedural changes which can contribute to improved business performance. It also identifies the expected changes within IT support.

**Roadmap:** We provide a roadmap that is tailored to the company. Whether it should be a staged approach or by function or geo. We also show the cost of doing nothing.

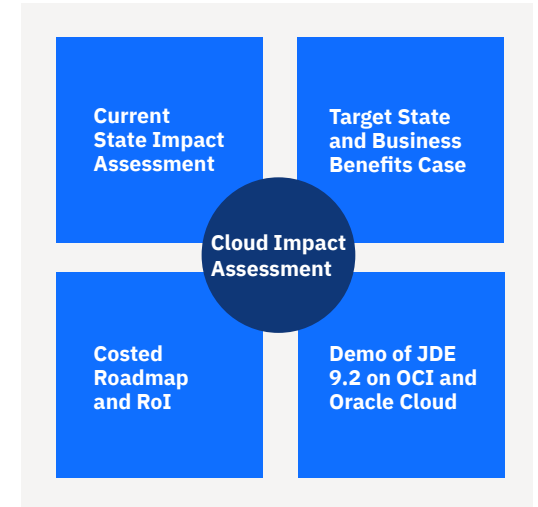
**Demo:** A demo of pre-configured JD Edwards EnterpriseOne 9.2 environment with JD Edwards One Click Provisioning to explore new functionality in the latest release of JD Edwards EnterpriseOne.

### Upgrade considerations

Clients considering an Upgrade are often under the dilemma of picking the right approach that is cost effective and transformational for the enterprise.

Depending on your enterprise' modernization journey, you could choose from these types of upgrade paths:

- Technical upgrade
- Transformational upgrade



### Learn more about IBM Cloud Impact Assessment:

Download the Cloud Impact Assessment for JD Edwards flyer: [ibm.biz/CIA-JDE-flyer](https://ibm.biz/CIA-JDE-flyer)

Download the Cloud Impact Assessment e-book: [ibm.biz/CIAebook](https://ibm.biz/CIAebook)

## 06 How to start?

### Technical

The **Technical upgrade** requires the lowest level of change management and the business processes remain mostly unchanged. Custom RPG codes need to be 'rewritten' in EnterpriseOne format and data conversion can follow a standard Oracle migration path.

### Transformational

The **Transformational upgrade** can be an opportunity for customers to standardize business processes, correct past mistakes and inefficiencies and consolidate infrastructure and optimize operations for the digital transformation age.

While the custom codes need to be 'rewritten' as before, a detailed iterative workshop on process and customizations may potentially lead to a lesser scope of work. As a result of possible business reorganization scenarios, data would be extracted, transformed and loaded onto EnterpriseOne tables, selectively.

Functional area	Cost	Business	System
Procure materials and services	A	A	G
Supply chain planning	R	A	A
Accounts payable	R	R	A
Expense reimbursements	R	R	R
Sales order processing	R	R	A
Accounts receivable	R	A	A
Capital planning and project accounting	G	R	A
Fixed asset accounting	R	G	R
General accounting	R	A	A
Planning, budgeting, forecasting	G	G	G
<b>Overall</b>	R	A R	A

Figure: IBM JDE diagnostic tool dashboard

Why modernize?

Benefits

Why Saas?

Why IaaS?

Why PaaS?

**How to start?**

Why IBM?



## 07 Why IBM?

IBM is the world's largest and longest serving Oracle JD Edwards Partner offering customers unparalleled JD Edwards experience and scale.



**35** Year partnership



**10,000+** dedicated  
Oracle consultants



Oracle Cloud Garage



Oracle Partner



**375+** Oracle Cloud  
go-lives



**#1** Global JDE partner



Oracle MSP Approved



**1000+** JD Edwards projects



**10+** Oracle-specific  
delivery centers



### JDE Program Innovation

IBM offers mature, JDE-specific tools, assets and global delivery centers to automate and accelerate your project.



## 07 Why IBM?

### Innovative offerings tailored to JD Edwards which drive true business value

- New implementation
- Upgrades: Technical, functional, transformational
- Global program management and delivery
- Cloud impact assessment
- Cloud migration and managed services
- Application modernization (personalization, watchlists, CafeOne, dashboards)
- Mobile apps (native JDE and Oracle cloud mobile apps with JDE)
- Cognitive solutions
- IoT orchestration
- Blockchain integration
- Chatbot capabilities
- Robotic Process Automation
- Micro services
- Oracle cloud hybrid solutions enhancing JDE
- Accelerators (productivity, industry, functional, technical, upgrade)
- Application managed services with continuous delivery innovation



### IBM is consistently recognized with JD Edwards Global Partner Awards

- 2021 JD Edwards Partner Award for 'Supporting Customer's Resilience in Covid-19'
- 2019 JD Edwards 'Global License Revenue Partner Award'
- 2018 JD Edwards 'Global License Revenue Partner Award'
- 2017 'Digital Transformation Award' for complementing JDE with SaaS solutions
- 2016 JD Edwards 'Global License Revenue Partner Award'
- 2015 JD Edwards 'Global License Revenue Partner Award'





## Authors



**Amy Adkins**  
North America Oracle  
Business Development  
amy.adkins@ibm.com



**Ryan Ferguson**  
North America JD Edwards  
Practice Leader  
ryan.ferguson@us.ibm.com



**Suman Mondal**  
Oracle  
JD Edwards Expert  
sumondal@in.ibm.com



**Rajib Biswas**  
Oracle  
JD Edwards Expert  
rajibisw@in.ibm.com

## Contributors



**Chandreshu Dave**  
North America Oracle  
JD Edwards Expert  
chdave@us.ibm.com



**Chacko Thomas**  
Global Oracle Sales  
and Offerings Leader  
cthomas@us.ibm.com

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