

# JD EDWARDS ENTERPRISEONE ORACLE TECHNOLOGY FOUNDATION



## FEATURE HIGHLIGHTS

- A complete set of technology products for implementing integrating, orchestrating, accessing, and analyzing JD Edwards EnterpriseOne applications
- Limited use licenses of Oracle Database and components of Oracle Fusion Middleware
- JD Edwards EnterpriseOne tools and engines for installing, implementing, designing, deploying, and running JD Edwards EnterpriseOne applications

*When you install an ERP system the last thing you want to worry about is if the technology required for the applications solutions will work together. When you select JD Edwards EnterpriseOne as your business solution, your IT staff can pick Oracle Technology Foundation as a complete package of tools, middleware, and database for deploying your new ERP solution – a designed and tested with your applications throughout the software development cycle.*

### **The Issue: Complex and Costly Infrastructure**

You rely on enterprise applications to support your ongoing business operations. For this reason, you look to best-in-class products like Oracle's JD Edwards EnterpriseOne for your software solutions. But the infrastructure that supports these applications is just as important. The mix of disparate technologies that many companies use to power their software often leads to complex integration issues and a higher total cost of ownership. To minimize integration, maintenance, and support costs, you need a cohesive infrastructure that is preintegrated with your JD Edwards EnterpriseOne applications, allowing you to easily implement and maintain them. To save additional costs, this infrastructure must also be based on open standards so that it works with existing technology investments. Acquiring the prerequisite technology should be as easy as acquiring the applications.

### **The Solution: Oracle Technology Foundation – A Complete Solution**

Oracle offers the complete, open-standards based software infrastructure that your company needs to operate JD Edwards EnterpriseOne solutions: Oracle Technology Foundation for JD Edwards EnterpriseOne. A package of integrated, open standards software products, Oracle Technology Foundation is designed to lower your total cost of ownership, simplifying both implementation and support while also enhancing ease of use. Oracle Technology Foundation leverages Oracle's industry-leading software infrastructure to deliver a complete package that includes Oracle Database, components of Oracle Fusion Middleware, and JD Edwards EnterpriseOne tools that help you implement and manage your JD Edwards EnterpriseOne applications.

### **Oracle Database – Industry Leading Solution for JD Edwards**

JD Edwards EnterpriseOne customers have long realized the benefits of implementing JD Edwards EnterpriseOne on the industry-leading Oracle Database. Oracle Technology Foundation provides JD Edwards EnterpriseOne customers with the features and functions equivalent to Oracle Database Standard Edition for use within their JD Edwards EnterpriseOne implementation.

Support for existing database alternatives—IBM DB2 Universal Database and

Microsoft SQL Server—continues.

### Oracle Fusion Middleware – Leverage Your ERP Investment

Oracle Fusion Middleware is a portfolio of leading, standards-based and customer-proven software products that spans a range of tools and services from J2EE and developer tools, to integration services, business intelligence, collaboration and content management. This comprehensive and well-integrated family of products offers complete support for development, deployment, and management of Service-Oriented Architecture. Oracle Fusion Middleware's hot-pluggable architecture allows you to leverage your investments in JD Edwards EnterpriseOne.

Oracle Technology Foundation provides a robust set of Fusion Middleware components, which you can employ in your JD Edwards EnterpriseOne implementation both to fulfill technical prerequisites and to extend the value of your implementation. Fusion Middleware components included in Oracle Technology Foundation include:

- **Oracle Application Server Java Edition** – A highly scalable, available, manageable and secure J2EE application server that includes all you need to develop and deploy enterprise Java applications.
- **Oracle Application Server Portal Oracle Portal** – Provides a complete and integrated framework for developing, deploying, and managing enterprise portals.
- **Oracle Application Server Web Cache** – Leverages state-of-the-art caching and compression technologies to optimize application performance and more efficiently utilize low-cost, existing hardware resources.
- **Oracle Application Server Single Sign-On** – Allows web users who access Oracle Application Server to sign in once and be authenticated to multiple web applications including Oracle Portal, JD Edwards EnterpriseOne, and non-Oracle applications.
- **Oracle Business Intelligence Publisher** –Reduces the high costs associated with the development, customization and maintenance of business documents such as invoices, purchase orders, and operational reports while increasing the efficiency of reports management.
- **Oracle BPEL Process Manager** – Enables enterprises to orchestrate and execute Web services and business processes within a Service-Oriented Architecture (SOA).
- **Oracle Business Activity Monitoring** – A complete solution for building interactive, real-time dashboards and proactive alerts for monitoring business services and processes.
- **Oracle Application Server Integration B2B** – Provides facilities for integrating with third party applications, B2B protocols, and Web services.
- **Oracle Business Intelligence Discoverer** – An intuitive ad-hoc query, reporting, analysis, and Web-publishing tool that empowers business users at all levels of the organization to gain immediate access to information.

### JD Edwards EnterpriseOne Tools – Complete, Packaged Infrastructure

Oracle has packaged a variety of infrastructure tools to help you easily install, update, manage, and get the complete benefit from your applications while maintaining the integrity of your systems. Some of the main features include:

- **HTML server and web client** – Allow your users to access applications via a web browser and maintain a high level of interactivity in the user interface.
- **Design tools** – Allow you to create, customize, and deploy JD Edwards EnterpriseOne interactive and batch applications, workflow, and reports.
- **Integration and Interoperability tools** – Allow you to develop integrations between JD Edwards EnterpriseOne applications and third-party products and external processes including a Web Services Gateway
- **Change management tools** – Allow you to apply electronic software updates and patches and to manage the changes against your custom modifications
- **Administration and monitoring tools** – Allow you to monitor the state of components within the JD Edwards EnterpriseOne architecture, such as availability and performance, and to administer processes such as user security.

### Integration with JD Edwards EnterpriseOne

In many areas the Oracle technology products already have been deeply integrated within the JD Edwards EnterpriseOne architecture. Engineering work continues to deepen these integrations. Here are some examples of how the JD Edwards EnterpriseOne architecture has adopted Oracle technology:

- **Oracle Database** is fully supported on the UNIX, Linux, and Microsoft Windows platforms as a repository for JD Edwards EnterpriseOne system and business data.
- **Oracle Application Server** is fully supported on the UNIX, Linux, and Microsoft Windows platforms to fulfill the web application server prerequisites for the HTML server, development client, mobile solution, and other components requiring a web application server.
- **Oracle Portal** is fully supported for deploying JD Edwards EnterpriseOne application portlets. Custom portlets written using the JD Edwards EnterpriseOne development tools can also be deployed in Oracle Portal.
- **Oracle Single Sign-On** is integrated with JD Edwards EnterpriseOne to allow users to sign on to the Oracle Portal and have their authentication passed automatically to JD Edwards EnterpriseOne applications.
- **Oracle Business Intelligence Publisher** allows users create pixel-perfect output templates using familiar desktop tools and to publish documents containing XML output from the JD Edwards EnterpriseOne report engine.
- **Oracle BPEL Process Manager** can consume and orchestrate web services that have been exposed using the JD Edwards EnterpriseOne Web Services Gateway.

Other components delivered with Oracle Technology Foundation, although not yet deeply integrated with JD Edwards EnterpriseOne, will provide you with a robust suite

of technology to extend the value of your JD Edwards EnterpriseOne implementation.

### **Many Options for JD Edwards EnterpriseOne Customers**

The technology foundation concept is not new. In fact, for several years JD Edwards EnterpriseOne customers have realized the benefit of a convenient, competitively priced package of prerequisite technology to complement their applications. The IBM Technology Foundation product, as customers have known it for several years, includes database and middleware components from IBM. Oracle continues to support this product for existing customers and continues to offer it to new customers. The new Oracle Technology Foundation product now provides customers a choice of adopting database and middleware technology from Oracle in the same convenient, competitively priced package. All customers have viable options:

- New customers can evaluate the merits of Oracle Technology Foundation and IBM Technology Foundation and adopt either one.
- Existing customers who have not yet licensed either product can evaluate the merits of Oracle Technology Foundation and IBM Technology Foundation and upgrade to either one.
- Existing customers who have already licensed IBM Technology Foundation can continue running the IBM products, or they can consider migrating to Oracle Technology Foundation.

Oracle is committed to providing JD Edwards EnterpriseOne customers with the best possible suite of applications to tackle their business challenges. Likewise, Oracle is committed to providing the best possible technology infrastructure to support those business applications. Technology should accelerate, not be an impediment to, the implementation of business solutions. Oracle Technology Foundation is such an accelerator.

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