

Oracle Technology Foundation for JD Edwards EnterpriseOne



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—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 such as 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.

Oracle Fusion Middleware—Leveraging 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 Java and developer tools to integration services, process orchestration, business intelligence, security, and collaboration. This comprehensive and well-integrated family of products offers complete support for development, deployment, and management of the JD Edwards EnterpriseOne middleware layer.

Oracle Technology Foundation provides a robust set of Oracle 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 WebLogic Server Standard Edition**—The world's best application server for building and running enterprise applications and services.
- **Oracle WebCenter Services**—A comprehensive set of standards-based components that enrich existing portals and web sites with the industry's most complete and open set of Enterprise 2.0 capabilities.
- **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 Access Manager**—Enables web users to sign in once and be authenticated to JD Edwards EnterpriseOne and other components within Oracle Technology Foundation.
- **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.

JD Edwards EnterpriseOne Tools—Complete, Packaged Infrastructure

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

- **HTML server and web client**—Enable your users to access applications via a web browser and maintain a high level of interactivity in the user interface.
- **Design tools**—Enable you to create, customize, and deploy JD Edwards EnterpriseOne interactive and batch applications, workflow, and reports.
- **Integration and Interoperability tools**—Enable you to develop integrations between JD Edwards EnterpriseOne applications and third-party products and external processes.
- **Change management tools**—Enable you to apply electronic software updates and patches and to manage the changes against your custom modifications.

- **Administration and monitoring tools**—Enable 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 have already 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 the JD Edwards EnterpriseOne system and business data.
- **Oracle WebLogic Server** is fully supported on the UNIX, Linux, and Microsoft Windows platforms to fulfill the Java application server prerequisites for the HTML server, transaction server, and business services server.
- **Oracle WebCenter Services** provides resources and a framework for implementing a rich, web-based portal user experience, including collaboration components and JD Edwards EnterpriseOne application portlets via the WSRP standard.
- **Oracle Access Manager** is integrated with JD Edwards EnterpriseOne to allow users to sign on to JD Edwards EnterpriseOne applications and have their authentication passed automatically to other components of Oracle Technology Foundation.
- **Oracle Business Intelligence Publisher** enables users to create pixel-perfect output templates using familiar desktop tools and to publish documents containing XML output from the JD Edwards EnterpriseOne report engine. The JD Edwards EnterpriseOne data access driver enables business users to design and execute BI Publisher reports drawn from JD Edwards EnterpriseOne data.
- **Oracle BPEL Process Manager** can consume and orchestrate web services that have been exposed using the JD Edwards EnterpriseOne Business Services.
- **Oracle Business Activity Monitoring** can provide real-time visibility into critical business processes through push-based dashboards and alerts. This animated visibility is powered by event-driven architecture with updates to KPIs within seconds of data access.

Many Options for JD Edwards EnterpriseOne Customers

For most customers, Oracle Technology Foundation provides the most convenient and cost-effective way to acquire the tools, infrastructure, database, and middleware necessary for a JD Edwards EnterpriseOne implementation. However, some customers require more flexibility than a bundled offering can provide. From a technology standpoint, the JD Edwards EnterpriseOne architecture provides customers the flexibility to choose the technology components and vendors that best align with their IT strategy. From a licensing standpoint, Oracle also offers flexible alternatives. JD Edwards EnterpriseOne customers have the following licensing options:

- New customers can license Oracle Technology Foundation and receive JD Edwards EnterpriseOne Core Tools and Infrastructure, plus limited use licenses of Oracle Database and Oracle Fusion Middleware.
- New customers can license JD Edwards EnterpriseOne Core Tools and Infrastructure and acquire full-use licenses of database and middleware components from Oracle, IBM, or Microsoft.
- Existing customers who have a license and are current on maintenance for JD Edwards Core Tools but have not yet licensed Oracle Technology Foundation can

upgrade that license to include the Oracle technology products with Oracle Technology Foundation Upgrade.

- Existing customers who have a license and are current on maintenance for the original Technology Foundation (which includes IBM technology products) can continue running the IBM products, or they can consider migrating their Technology Foundation license 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.

CONTACT US

For more information about JD Edwards EnterpriseOne, visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.



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