

ORACLE WEBCENTER SUITE

KEY FEATURES AND BENEFITS

FEATURES

- Context-rich portals and applications
- Unified development tools
- Content repository
- Enterprise search
- Team collaboration
- Microsoft .NET integration
- Seamless mobile support
- Comprehensive platform support:
 - Application: JSF, model-view-controller
 - Security: WS-Security, Java Authentication and Authorization Service
 - Portal: JSR 168, WSRP 1.0 and 2.0, JSR 301
 - Content: JCR/JSR 170 with connectors to SharePoint, Documentum, and Notes
 - Data model: JSR 227
 - Comm: SIP/JSR 116
 - Deployment: JSR 88

BENEFITS

- Enhance information worker productivity by providing user-centric solutions that address the challenges of information management and collaboration.
- Improve IT cycle times for application development by seamlessly blending Web 2.0 services, processes, business intelligence, and transactions in an integrated JSF framework.
- Increase business agility with fully integrated Oracle Fusion Middleware and enterprise applications such as Oracle E-Business Suite; Oracle's Siebel, PeopleSoft, and JD Edwards applications; and SAP.

Oracle WebCenter Suite is the industry's only complete, open, and manageable portal platform to integrate Enterprise 2.0 capabilities into business processes and custom and packaged enterprise applications. These collaborative and social applications seamlessly combine search, publishing, and knowledge management. Oracle WebCenter Suite's standards-based development environment and user-friendly customization facilities enable the optimization of business processes that connect enterprise systems with user communities and increase corporate value.

Capture Organizational Insight Through Rich Interaction Capabilities

Oracle WebCenter Suite is an integrated set of products used to create social applications, enterprise portals, collaborative communities, composite applications, and internet or intranet Web sites on a standards-based, service-oriented architecture (SOA). The suite combines the development of rich internet applications; a multichannel portal framework; and a set of horizontal Enterprise 2.0 applications, which provide content, collaboration, presence, and social networking capabilities to create a highly interactive user experience. Interacting with services such as instant messaging, Voice over IP, discussion forums, and wikis directly within the context of a portal or an application improves user productivity and increases the value of IT investments.

Comprehensive Functionality on a Standards-Based Architecture

Oracle WebCenter Suite consists of four key components. Together, these tools and services empower end users and IT to build and deploy next-generation collaborative applications and portals for internal and external audiences.

- **Oracle WebCenter Framework.** Provided as an extension to Oracle JDeveloper, this declarative JavaServer Faces (JSF) framework embeds Asynchronous JavaScript and XML (Ajax) components, portlets, and content to create context-rich, customizable applications.
- **Oracle WebCenter Services.** Web 2.0 content, collaboration, and communication services such as wikis, content management, search, Business Process Execution Language workflows, and analytics can be embedded directly into applications.

- **Oracle WebCenter Interaction.** Its features are designed to deploy collaborative communities and composite solutions over diverse platforms that offer native support for both Microsoft .NET and Java.
- **Oracle WebCenter Anywhere.** A set of wireless services that enable users to connect with Oracle WebCenter Suite applications from any connected device, including desktop and mobile applications.

Oracle WebCenter Framework—Create Context-Rich Applications with Customizable Solutions

Oracle WebCenter Framework supports the creation and execution of context-rich portals and applications by augmenting the JSF environment with additional components, integration, and runtime options. Oracle WebCenter Framework integrates capabilities historically included in portal products directly into the JSF environment, such as the ability to bind portlets and customize the application at runtime. A complete, standards-based portlet development environment and business user tools support the rapid creation of Java Specification Request (JSR) 168 portlets and the deployment of Web Services for Remote Portlets (WSRP) 1.0 and 2.0 portlet producers. The solution also includes a JSF Portlet Bridge that allows easy conversion of any JSF application into a JSR 168 portlet.

Content is easily integrated and published using data controls built to the Java Content Repository (JCR) / JSR 170 standard. Content repositories supporting the JCR standard can be configured. Adapters are available for Oracle's content repository, Oracle Portal, file systems, and third-party content management systems, including Documentum, Microsoft SharePoint, and Lotus Notes. Oracle WebCenter Framework is also delivered as an Oracle JDeveloper extension, providing a unified development environment for developers to build and deliver SOA process models, business intelligence applications, enterprise portals, and composite applications.

Out-of-the-Box Services to Enrich WebCenter Applications

Oracle WebCenter Suite's out-of-the-box services include a complete set of Web 2.0 content, search, collaboration, and communication services that can be embedded directly into applications built with Oracle WebCenter Framework as well as existing Oracle Portal, Oracle WebLogic Portal, Oracle WebCenter Interaction deployments, and custom applications. The solution's core services include

- Oracle's content repository to store and manage files and documents
- Oracle Secure Enterprise Search to locate and access enterprise data and documents delivered as part of an Oracle WebCenter Suite solution
- Oracle WebCenter Analytics for metrics-based reporting on user activity and content usage

- Session Initiation Protocol–based instant messaging and online presence for real-time connections via text, voice, or video
- Telephony infrastructure components for voice-based applications
- Discussion forums for sharing community knowledge
- Wikis for collaborative authoring of documents and sharing of ideas
- Oracle Ensemble for Representational State Transfer–based application integration, blending Web resources via mash-ups to any existing application built in Hypertext Preprocessor, Perl, .NET, Ruby, or other development frameworks

Oracle WebCenter Interaction—Seamlessly Bridge Diverse Platforms

Oracle WebCenter Interaction is an open, extensible solution for delivering team-based community spaces for heterogeneous environments. With it, a platform independent community that allows teams to work together within and across organizations can be created. These capabilities support cross-platform integration between .NET and Java, and can be used to quickly assemble content and collaborative applications. The solution’s core features include

- **Oracle WebCenter Collaboration.** Collaborate on documents, tasks, and events.
- **Oracle WebCenter Application Accelerator for .NET.** Integrate new or existing Microsoft ASP.NET applications and services directly into any compliant WSRP consumer, including solutions built with Oracle WebCenter Suite.
- **Oracle WebCenter Console for SharePoint.** A packaged integration solution for Microsoft Windows SharePoint Services that allows users to easily discover and retrieve SharePoint resources for use in enterprise-class deployments.

Oracle WebCenter Anywhere—Access from Any Device

Oracle WebCenter Anywhere leverages Oracle’s robust wireless platform and standards-based framework for rapidly developing mobile enterprise applications (Oracle Application Development Framework Mobile) to bring the benefits of a unified work environment to all types of mobile technologies, including connected devices such as PDAs and smartphones, mobile voice, mobile messaging, and even Telnet-based devices for industrial users. With Oracle WebCenter Anywhere, the productivity and efficiency of Oracle WebCenter Suite is available to users regardless of device and location.

RELATED PRODUCTS AND CORE COMPONENTS

Oracle WebCenter Suite is the only complete, open, and manageable portal platform to integrate Enterprise 2.0 capabilities into business processes and custom and packaged enterprise applications.

RELATED PRODUCTS

- Oracle Application Server Standard Edition
- Oracle SOA Suite
- Oracle JDeveloper

CORE COMPONENTS

- Oracle WebCenter Framework
- Oracle WebCenter Services
- Oracle WebCenter Interaction
- Oracle WebCenter Anywhere

Increase Business Value by Enhancing Technology Investments

Achieving new levels of information worker productivity and business agility requires a new approach to building more effective, user-centric applications and portals that address information management and collaboration complexity. By integrating Web 2.0 capabilities with enterprise systems and applications, Oracle WebCenter Suite fosters an Enterprise 2.0 environment where information workers and IT can build next-generation solutions. Using an open, standards-based approach, Oracle WebCenter Suite unifies Web sites, transactional applications, and enterprise portals to create an integrated, participatory, and valuable user experience.

Contact Us

For more information about Oracle WebCenter Suite, please visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.

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