

# ORACLE WEBCENTER SUITE

## KEY FEATURES AND BENEFITS

### FEATURES

- Create context-rich portals and custom applications from a single platform
- Dynamic online communities out-of-the-box
- Enterprise-ready Social Computing Services
- Role-based view of enterprise resources for user-driven customization
- Upgrade-proof customizations
- Integrated best–best-of-breed Enterprise Content Management
- Hot-pluggable with third-party applications
- Microsoft .NET integration
- Comprehensive standards support:
  - Application: JSF, model-view-controller
  - Security: WS-Security, Java Authentication and Authorization Service
  - Portal: JSR 168, JSR 286 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 with user-centric solutions.
- Improve IT development cycle times by seamlessly blending Web 2.0 services, processes, business intelligence, and transactions in an integrated JSF framework.
- Increase business agility with integrated Oracle Fusion Middleware and Applications such as Oracle E-Business Suite; Siebel, PeopleSoft, and JD Edwards; and SAP.

*Oracle WebCenter Suite is the industry's only complete, open, and manageable portal platform that integrates Enterprise 2.0 capabilities into business processes and custom and packaged enterprise applications to create richer connections and deliver faster time-to-value. Its unified, standards-based portal framework supports the creation of all types of portals, Web sites, and composite applications and is designed to enable business users to evolve these applications as their business requirements change.*

### Create Business Agility and Insight through Rich Interactions

Oracle WebCenter Suite is an integrated suite of products used to create social applications, enterprise portals, 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 multi-channel portal framework; and a suite of horizontal Enterprise 2.0 applications, which provide content, presence, and social networking capabilities to create a highly interactive user experience. Interacting with services such as instant messaging, blogs, wikis, RSS, tags, Voice over IP, discussion forums, activities and social networks directly within the context of a portal or an application improves user and group productivity and enhances the return on IT investments.

### Comprehensive Functionality for Business and IT

Oracle WebCenter Suite consists of a comprehensive set of tools, services, and out-of-the-box solutions that empower business users and IT to build and deploy next-generation composite applications and portals for internal and external audiences from a single platform.

- **Oracle WebCenter Framework.** A declarative JavaServer Faces (JSF) framework that embeds Asynchronous JavaScript and XML (Ajax) components, portlets, and content to create context-rich, customizable applications. It also includes Composer and Business Dictionary, powerful role-based capabilities that enable business users to seamlessly unify many corporate information resources with enterprise portals with only a few simple clicks.
- **Oracle WebCenter Services.** Enterprise-ready Social Computing Services such as wikis, blogs, RSS, recent activities, discussion forums, tags, links, social networking, Business Process Execution Language workflows, and analytics can be embedded directly into applications.
- **WebCenter Spaces.** Out-of-the-box collaborative application for business

users to manage personal information, group projects and dynamic online communities without relying on IT.

- **Additional Value-Add Components.** WebCenter Suite also includes restricted use licenses of select, best-of-breed Oracle technology components such as Oracle Universal Content Management, Secure Enterprise Search and Presence and Communications Services that can be deployed as part of a WebCenter Suite deployment.
- **Oracle WebCenter Interaction.** An integrated collection of components designed to deploy communities and composite solutions over diverse platforms that offer native support for both Microsoft .NET and Java.
- **Oracle WebLogic Portal.** A comprehensive service-oriented foundation for highly scalable, custom portal solutions that is tightly integrated with Oracle WebLogic Server and provides industrial strength capabilities.
- **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.

### Create Easily Customizable Context-Rich Applications

Oracle WebCenter Framework is an Oracle JDeveloper design-time extension that breaks down the boundaries between Web-based portals and enterprise applications. It 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.

Customizing applications has never been easier for both IT and business users. Oracle Composer allows business users to edit application pages on the fly after the application or portal has been deployed – edits can include new color schemes, changes in page layout and new content or services added to the page. When using Composer, users can easily add new enterprise services and content to further customize their pages via the Business Dictionary, a catalog of role-based enterprise resources such as views of structured enterprise application data, personal productivity services and secure content sources. Additionally, IT can easily add the

Oracle Composer capability to any application or portal during development with no coding.

### **Out-of-the-Box Social Computing Services Enrich Applications**

Oracle WebCenter Suite's enterprise-ready Social Computing Services include a complete set of Enterprise 2.0 services that can be embedded directly into applications built with Oracle WebCenter Framework as well as existing Oracle Portal, Oracle WebLogic Portal and Oracle WebCenter Interaction deployments. The solution's core services include:

- Social Networking services to connect with experts, tags and links to connect and share information, and wikis and blogs for collective authoring of documents and the sharing of ideas.
- Personal productivity services such as mail, search, recent activities and worklists to boost individual productivity.
- Oracle Ensemble for Representational State Transfer-based application integration and blending Web resources via mash-ups to any existing application built in Hypertext Preprocessor, Perl, .NET, Ruby, or other development frameworks.
- Oracle WebCenter Analytics for metrics on user activity and content usage.

### **Oracle WebCenter Spaces - User-Created Dynamic Online Communities**

Oracle WebCenter Spaces is a ready-to-use application that delivers dynamic business communities and is pre-integrated with Oracle Composer, Business Dictionary and WebCenter Services to empower teams and individuals to quickly and efficiently manage their tasks, content, projects, and people without requiring IT assistance. It allows users to work more effectively with project teams and work groups, including teams that span multiple geographies and include external members.

Personal Spaces are personal work areas for users to efficiently organize relevant resources for each individual. Group Spaces provide a meaningful way to manage all project details involving any group of users using an out-of-the-box team site. Group Spaces also make it easy to rapidly deliver a departmental or enterprise portal. The Business Role Pages provide a powerful way to communicate with specific types of users within an organization and across the company. WebCenter Spaces Templates available out-of-the-box are optimally configured with Social Computing Services, Business Intelligence components, Process Management components, Enterprise Application components, and other gadgets so business professionals can be productive immediately.

### **Create a More Complete Experience with Value-Add Components**

In addition to WebCenter Services, Oracle WebCenter Suite includes the ability to embed select value-add Oracle components into any WebCenter Suite deployment. Oracle Universal Content Management stores and manages files, documents and other unstructured content. Secure Enterprise Search locates and provides access to enterprise data and documents delivered as part of a WebCenter Suite application or portal. Presence/Communications Services enable for SIP-based Instant Messaging,

VOIP, Click-2-Dial and online presence for real-time connections via text, voice, or video, and the telephony infrastructure components allow for voice-based applications. WebCenter Anywhere brings the benefits of a unified work environment to all types of mobile technologies so users can be productive regardless of their device or location.

### **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 shared applications. Key benefits include:

- **Increase productivity with role-based delegation.** Supports extensive role-based tools for all participants, from developers to business users.
- **Flexible architecture for heterogeneous environments.** Offers a cross-platform, multi-language solution that supports both Java and .NET framework and includes prebuilt support for integrating with an extensive array of enterprise systems including Oracle, IBM, Microsoft, and SAP applications.
- **Highly customizable user experiences.** Deliver multiple applications for different user audiences on a common platform that delivers unified and context-based user experiences.

### **Oracle WebLogic Portal Powers High Volume Applications**

Oracle WebLogic Portal and its highly scalable, custom portal solutions and industrial strength capabilities provide flexible deployment options, a federated architecture and support for rich Internet applications.

- **Complete Portal Lifecycle Management.** To accelerate portal delivery, Oracle WebLogic Portal provides flexibility for both IT and the line of business with portal resource development, portal assembly, and decentralized management. The development environment is designed for service-oriented architecture (SOA) enablement and is blended with open source technologies such as Eclipse. Portlet wizards and browser-based tools simplify the assembly, configuration, and management of enterprise portals, while the administration tools provide granular control and delegation of administration tasks for custom role-based management.
- **Portal Federation.** Enables a fabric of distributed enterprise portal services across portals and Web applications that can be simply combined so businesses can respond quicker and deliver optimal user experiences for portal audiences.
- **Extensive Support for Rich Internet Applications.** Provides a rich and responsive custom portal user experiences for customers, partners, and employees via Web 2.0- and Asynchronous JavaScript and XML (Ajax)-based technology. Portal desktops can be customized for each audience using custom layouts, appearance skins, and personal pages.

**RELATED PRODUCTS AND  
CORE COMPONENTS**

Oracle WebCenter Suite is the only complete, open, and manageable portal platform that integrates Enterprise 2.0 services to create richer connections and deliver faster time-to-value.

**CORE COMPONENTS**

The following are core components for Oracle WebCenter Suite:

- Oracle WebCenter Framework
- Oracle WebCenter Services
- Oracle WebCenter Spaces
- Oracle WebCenter Interaction
- Oracle WebLogic Portal
- 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 complexity. By integrating Social Computing Services with enterprise systems and applications, Oracle WebCenter Suite fosters an Enterprise 2.0 environment where business users and IT can build and evolve next-generation solutions. Using an open, standards-based approach, Oracle WebCenter Suite unifies Web sites, transactional applications, business process workflows and enterprise portals to create a rich, integrated user experience.

**Contact Us**

For more information about Oracle WebCenter Suite, please visit [www.oracle.com/goto/webcenter](http://www.oracle.com/goto/webcenter) or call +1.800.ORACLE1 to speak to an Oracle representative.



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