



WebSphere® software

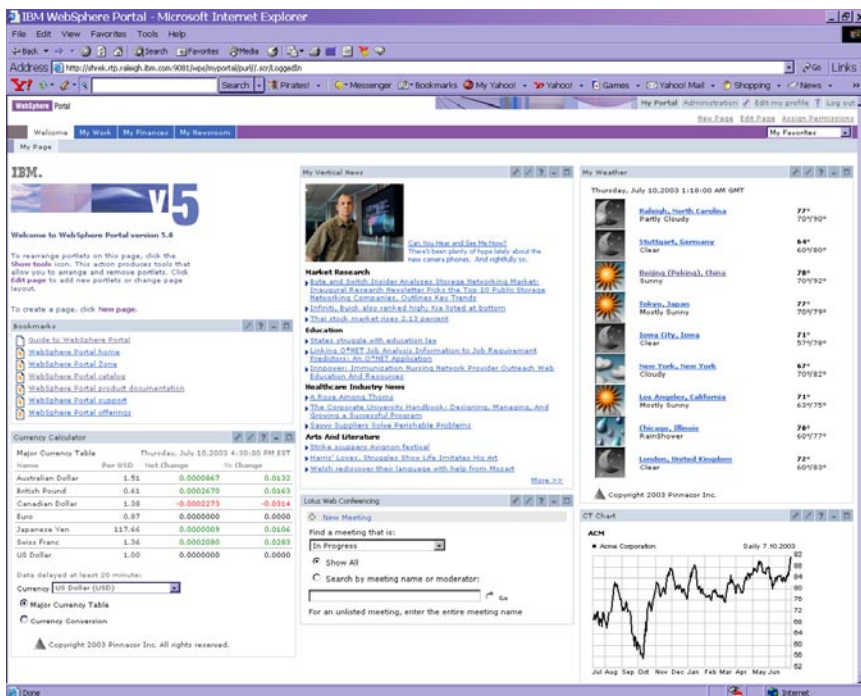
IBM WebSphere Portal Enable for Multiplatforms, Version 5.0

Highlights

- **Delivers a single, universal point of access that is integrated, highly customizable, extensible and scalable to interact with key applications, content, people and business processes**
- **Is built on the award-winning WebSphere Application Server, Version 5 platform, using J2EE standards to optimize performance**
- **Provides integrated Web services so you can quickly deploy portlets**
- **Gives users a content publishing, document management and personalization interface that lets them create and target portal content in one step**
- **Offers numerous portlets for e-mail, calendars, syndicated news, industry applications and many other functions**

The e-business on demand workplace

Moving critical business functions to Web-based infrastructures, companies today can react quickly to a growing number of users, Web technologies, mergers, acquisitions, alliances and competition. You want to maximize the return on your investments in employees, trading partners, customers and technology. And to do so, you need to improve employee productivity and increase customer loyalty with a limited IT budget. At the same time, you need to deliver personalized, interactive, security-rich access to key business resources.



WebSphere Portal Enable for Multiplatforms, Version 5.0 helps you develop and maintain portals, and gives access to personalized information and applications.

WebSphere Portal — a major business impact

IBM WebSphere® Portal provides a single, interactive point of access to dynamic information, applications, content, people and business processes to help build successful business-to-employee (B2E), business-to-business (B2B) and business-to-consumer (B2C) portals. WebSphere Portal provides services that include single sign-on, a security-rich environment, Web content publishing, search, personalization, advanced collaboration, enterprise application integration, support for mobile devices and business process integration.

WebSphere Portal consists of two packaged offerings:

- IBM WebSphere Portal Enable
- IBM WebSphere Portal Extend

With WebSphere Portal features, you can improve return on investment (ROI) because they help you:

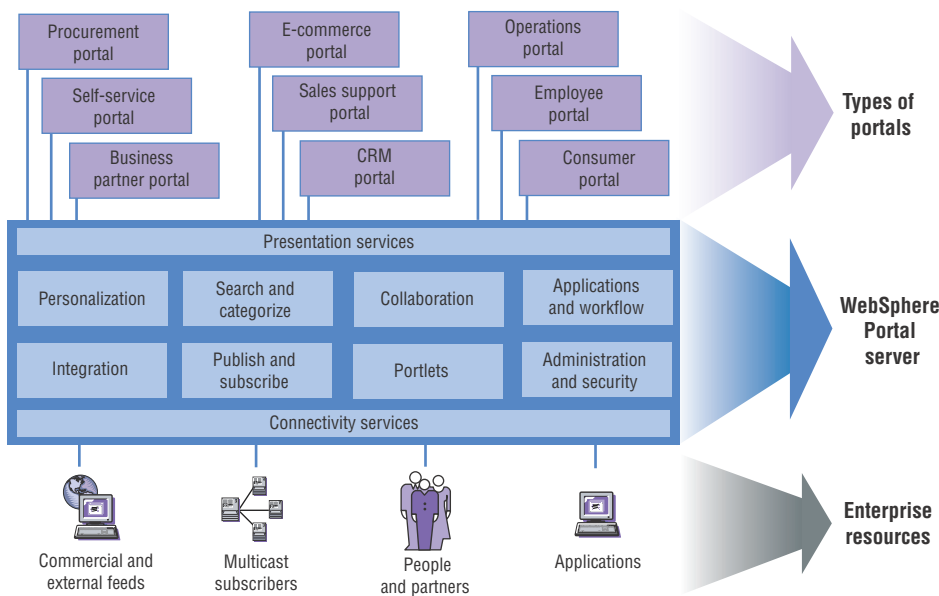
- *Reduce your IT support expense by enabling the integration of resources with a single, secure user interface.*
- *Increase your business agility and throughput by aggregating business information into focused, relevant content for users.*
- *Promote your customer and trading partner loyalty through access to personalized, security-rich and interactive portals.*
- *Reduce your costs associated with developing, deploying and maintaining your unique e-business portal by delivering a comprehensive, industry-leading portal solution built on open standards.*

This spec sheet describes the WebSphere Portal Enable offering.

WebSphere Portal Enable — the basic edition

WebSphere Portal Enable for Multiplatforms, Version 5.0 (WebSphere Portal Enable) is the basic edition of the WebSphere Portal family. With WebSphere Portal Enable, you can quickly build scalable portals to simplify and accelerate user interaction with personalized information, business processes and applications. The WebSphere Portal Enable offering provides common services, including:

- *Connectivity and integration to allow access to enterprise data and applications, external newfeeds or Web data and applications*
- *Presentation and administration to enable computing desktop customization to match your own work patterns and needs*
- *Click-to-action (C2A) technology for portlet-to-portlet communication and action, verifying accuracy of delivered information and improving productivity*



A high-level architectural view of WebSphere Portal

New capabilities in WebSphere Portal Enable, Version 5.0 include:

- *Customized content publishing (using WebSphere Portal content publishing) and document management (using WebSphere Portal Document Manager) to improve the currency of portal content and the value of files shared by portal users*
- *WebSphere Portal Productivity Components to allow the user to view, create, convert and edit basic documents, spreadsheets and presentation files from the same portal interface used to interact with information, applications and people across the business*
- *Redesigned installation procedure for greater flexibility and ease of use*
- *Role-based access control model for the administration of the portal*
- *Updated component levels, delivering more functional enhancements*

WebSphere Portal Enable, Version 5.0 provides:

- *An opportunity to improve productivity, with access to enterprise information systems (EIS), relational databases and IBM Lotus® Domino™ databases, from a common interface*
- *Integration cost reduction through easy-to-use cooperative portlets, based on C2A technology*
- *Fast return on investment with out-of-the-box utilization*

A proven, reliable foundation

It's not enough to provide users with a single access point to personalized Web content. You want to ensure that your portal is built on a sound foundation that can scale as your business grows. The foundation of the WebSphere software platform for e-business is award-winning IBM WebSphere Application Server, Version 5 — an open, cross-platform, Java™ technology-based solution.

WebSphere Application Server provides performance and scalability with application-level workload management and clustering. So you can get your e-business applications up and running quickly. Transform static information into dynamic Web content. And make it available to users fast.

Because WebSphere Application Server is based on open standards, you get a full range of development capabilities. Leverage current skill sets — and quickly add function as your business needs change.

IBM WebSphere Portal Enable for Multiplatforms, Version 5.0 package

| Component | Description | Platform |
|---|---|--|
| Portal server | Is a Java 2 Platform, Enterprise Edition (J2EE) application that runs on WebSphere Application Server; provides the WebSphere Portal framework to desktops and mobile devices of portal users; creates an environment that provides the connectivity, administration and presentation services required; includes IBM Cloudscape™, Version 5.1 with Fix Pack 13, Productivity Components, administration portlets, business portlets and Document Manager. | Microsoft® Windows® 2000 Server; IBM AIX®; Linux on Intel®; Linux on zSeries®; and Sun Solaris operating environment |
| WebSphere Application Server Enterprise, Version 5.0 Fix Pack 1 | Provides J2EE services for the WebSphere Portal environment. It executes the Java portlets, JavaBeans components, JavaServer Pages (JSP) files and Enterprise JavaBeans (EJB) components used by WebSphere Portal; provides strong integration to databases, message-oriented middleware legacy systems and applications, along with clustering support; includes IBM HTTP Server and deployment manager. | Windows 2000 Server; AIX; Linux on Intel; Linux on zSeries; and Solaris operating environment (The deployment manager component of WebSphere Application Server is not supported on the Linux on zSeries platform.) |
| IBM Directory Server, Version 5.1 | Is a Lightweight Directory Access Protocol (LDAP) directory that stores, updates and retrieves user-specific data related to authentication. | Windows 2000 Server; AIX; Linux on Intel; Linux on zSeries; and Solaris operating environment |
| IBM DB2® Universal Database™ Enterprise Server Edition, Version 8.1 with Fix Pack 1 | Stores portal configuration data, as well as portal-specific data, access-control data and user data. | Windows 2000 Server, Windows 2000 Advanced Server; AIX; Linux on Intel; Linux on zSeries; and Solaris operating environment |
| Portal toolkit | Provides the capability to customize and manage the portal and create, test, debug and deploy individual portlets and Web content; plugs into IBM WebSphere Studio Site Developer or IBM WebSphere Studio Application Developer. | Windows 2000 Server |
| WebSphere Studio Site Developer, Version 5.0 with Fix Pack 1 | Provides an integrated development environment for building, testing and deploying J2EE applications; provides integrated development support for building J2EE applications with HTML pages, servlets, JSP and EJB components; also creates Web service applications with open standards, generates XML documents from Document Type Definitions (DTDs), and enables a collaborative team development environment; enables end-to-end local and remote testing, and creates high-quality applications using wizards, code generators and best practices. | Windows 2000 Server; and Linux on Intel—Red Hat or SuSE |

IBM WebSphere Portal Enable for Multiplatforms, Version 5.0 package (continued)

| Component | Description | Platform |
|---|---|--|
| WebSphere Portal content publishing | Includes content creation process, versioning of content, coordination of approval and publishing process, workflow process and two personalization technologies. | Author time: Windows 2000 Runtime: Windows 2000; AIX; Linux on Intel; Linux on zSeries; and Solaris operating environment |
| WebSphere Translation Server, Version 5.0 | Provides Web pages, e-mail messages and chat conversation in multiple languages, in real time; consists of machine translation (MT) engines for translating text from one language into another language, user Dictionary Manager tools that allow specific words to be added to a domain and support for WebSphere Application Server and HTTP servers from Microsoft, Netscape, Apache and IBM. | Windows 2000 Server; AIX; and Linux on Intel—Red Hat only; and Solaris operating environment |
| IBM Lotus Collaborative Components | Provides user interface-neutral application programming interface (API) methods and tag libraries that allow developers to write portlets for WebSphere Portal to add Lotus software collaborative functionality to their portlets. Application developers using Lotus Collaborative Components can design and implement user interface extensions that leverage the features of Lotus Domino, IBM Lotus Team Workplace (IBM Lotus QuickPlace®), IBM Lotus Instant Messaging (IBM Lotus Sametime® instant messaging and awareness), IBM Lotus Web Conferencing (IBM Lotus Sametime e-meetings) and IBM Lotus Discovery Server™. | Windows 2000 Server; AIX; Linux on Intel—Red Hat or SuSE; and Linux on zSeries—SuSE; and Solaris operating environment |

IBM WebSphere Portal Enable for Multiplatforms, Version 5.0 at a glance

| Requirement | Comments |
|---|---|
| Windows 2000, AIX, Linux on Intel, Linux on zSeries and Solaris operating environment | <p><i>Hardware</i></p> <ul style="list-style-type: none"> • IBM-compatible PC with Windows 2000 Server with Service Pack 2 or Service Pack 3, Windows 2000 Advanced Server with Service Pack 2 or Service Pack 3, Red Hat or SuSE operating environment • IBM <i>@server</i>™ pSeries™ with AIX, Version 5.1 ML3 or Version 5.2 operating environment • Sun processor with Solaris operating environment, Version 8 • IBM <i>@server</i> zSeries or IBM S/390® Parallel Enterprise Server™ capable of running SuSE Linux Enterprise Server, Version 7 (31-bit) operating environment <p><i>Software</i></p> <ul style="list-style-type: none"> • Windows 2000 Server with Service Pack 2 or Service Pack 3 or Windows 2000 Advanced Server with Service Pack 2 or Service Pack 3 operating environment • Linux on Intel— Red Hat Advanced Server 2.1, Red Hat Linux 8.0 or SuSE 7.3, SuSE Linux Enterprise Server 7 or SuSE Linux Enterprise Server 8 operating environment • AIX, Version 5.1 ML3 or Version 5.2 operating environment • Solaris operating environment, Version 8 • Linux on zSeries— SuSE Linux Enterprise Server, Version 7 operating environment |
| WebSphere Application Server, Version 5.0 with Fix Pack 1 | The following electronic fixes and installation requirements, PQ73644_fix-temp.jar and WAS_Dynacache_05-08-2003_5.0.1_cumulative_fix.jar |
| Datstores supported | <ul style="list-style-type: none"> • IBM Informix®, Version 9.3 or Version 9.4 • Cloudscape, Version 5.1 with Fix Pack 13 • Microsoft SQL Server Enterprise 2000 Service Pack 3 • DB2 Universal Database for z/OS® and OS/390®, Version 7.1 • DB2 Universal Database Enterprise Server Edition, Version 8 with Fix Pack 1 • DB2 Universal Database, Version 7.2 with Fix Pack 7 and Fix Pack 8 • Oracle 8i, Version 8.1.7 • Oracle 9i, Version 9.2.0.1 |
| LDAP servers supported | <p>WebSphere Portal, Version 5.0 has been tested with and officially supports the following LDAP servers:</p> <ul style="list-style-type: none"> • IBM Directory Server, Version 4.1 and Version 5.1 • Lotus Domino Enterprise Server, Version 5.0.12 • Lotus Domino, Release 6.0 • Sun ONE (formerly iPlanet) Directory Server 5.0 • Microsoft Active Directory (as included with Windows 2000 Server) • Novell eDirectory 8.6 <p>Note: The tested and supported features of these directories with WebSphere Portal are relatively simple search and retrieval functions for user and group objects. Functions outside this scope, such as dynamic groups, referrals or the Active Directory Global Catalog feature, are considered advanced features and have not been tested with WebSphere Portal. Work with your LDAP provider for additional support on these features.</p> |
| Web browsers supported | <p><i>Windows platform:</i></p> <ul style="list-style-type: none"> • Internet Explorer 5.5 and 6.0 • Opera 6.0, 6.1 and 7.0 <p>Note: C2A technology requires Internet Explorer 5.5 or higher. WebSphere Portal content publishing requires Internet Explorer 5.5 or higher, or Netscape.</p> <p><i>Windows, Linux, AIX, Solaris operating environment:</i></p> <ul style="list-style-type: none"> • Netscape 6.2 or 7.0 • Mozilla 1.0.2, 1.2.1 and 1.3 <p>Note: Productivity Components requires one of the following browsers — Internet Explorer 5.5, Netscape 7.1 or Mozilla 1.4.</p> |
| Disk space: 2GB or higher | 2GB is adequate, if you use the installation program to install WebSphere Application Server, IBM HTTP Server and WebSphere Portal. |
| Memory: 1024MB or higher | None |

For more information

Scalable. Flexible. Built for ROI. The WebSphere software platform for e-business and IBM WebSphere Portal Enable for Multiplatforms can help you develop and maintain B2E, B2B and B2C portals, helping to build customer loyalty and increase employee productivity in the process.

To learn more about WebSphere Portal Enable and for details about specifications, visit:

ibm.com/websphere/portal



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