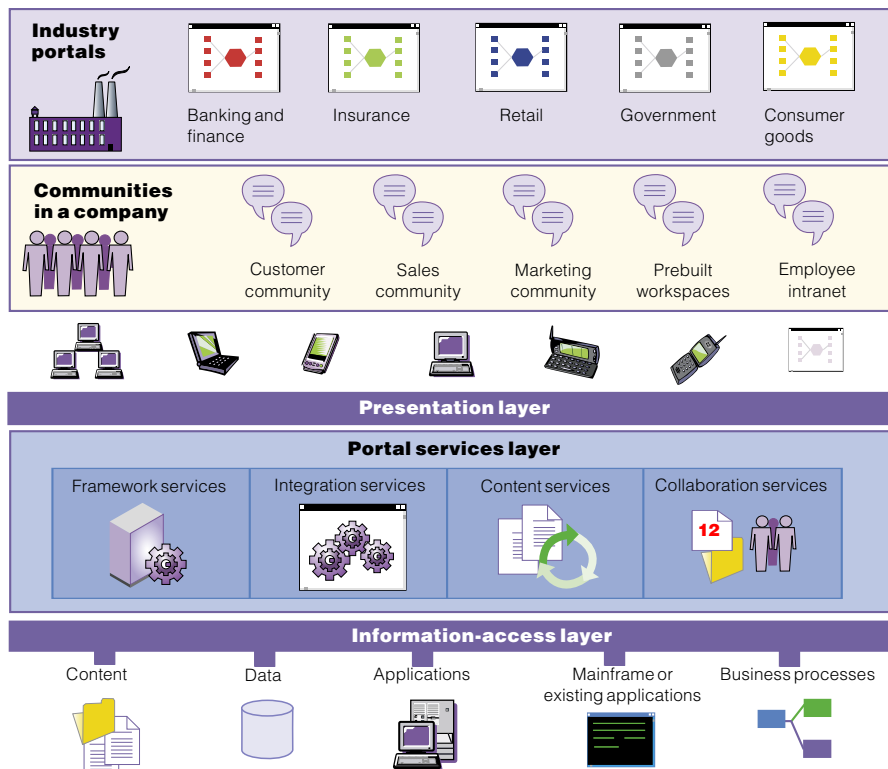**IBM**

IBM WebSphere Portal, Version 5.1

Highlights

■ *Improve employee productivity through personalized and collaborative access to information, applications, processes and people*

■ *Capitalize on existing information and intellectual capital by managing content to help ensure it's available when and where it's needed*

■ *Reduce the cost to deploy and integrate business applications and processes using click-to-action technology, and workflow-engine and application-integrator portlet builders*

The on demand business workplace

As a core component of the IBM® Workplace™ family of products, the front end of computing that strives to make more people more productive in the context of the business they do every day, IBM WebSphere® Portal, Version 5.1 offers a single point of personalized interaction with applications, content, processes and people. To deliver a unified user experience, WebSphere Portal brings together a range of leading-edge technologies designed to give you a flexible, open and extensible framework to build successful business-to-employee (B2E), business-to-business (B2B) and business-to-consumer (B2C) portals.

Industry portals
Banking and finance | Insurance | Retail | Government | Consumer goods

Communities in a company
Customer community | Sales community | Marketing community | Prebuilt workspaces | Employee intranet

Presentation layer

Portal services layer
Framework services | Integration services | Content services | Collaboration services

Information-access layer
Content | Data | Applications | Mainframe or existing applications | Business processes

WebSphere Portal provides a single, interactive user experience, with access to critical business applications, content and processes.

ON DEMAND BUSINESS™

WebSphere Portal comprises two packaged offerings.

IBM WebSphere Portal Enable, Version 5.1 can help your on demand business build highly scalable portals to simplify and speed user interaction with personalized information, business processes and applications. Users can manage transactions, share information and organize work activities all from one location. WebSphere Portal Enable also includes business-process integration capabilities to deliver orchestrated workflow processes as part of a user's portal experience. Business-process integration combines the power of a workflow engine with a dynamic portal experience to help business processes run faster. And WebSphere Portal Enable provides the widest platform flexibility by including support for the IBM i5/OS™ and IBM z/OS® operating systems.

IBM WebSphere Portal Extend, Version 5.1 builds on the value of WebSphere Portal Enable by providing collaboration tools that improve communication among portal users. Comprehensive search capabilities and Web site-analysis features provide further detailed information to meet users' needs.

These robust portal solutions can help you:

- *Increase employee productivity.*
- *Create better relationships with customers and partners.*
- *Lower application-deployment costs.*
- *Improve sales-channel effectiveness.*

Get your portal up and running quickly with WebSphere Portal Enable

Besides portal services, WebSphere Portal Enable includes the following IBM products (with restricted licenses):

- *IBM® Workplace Web Content Management™*
- *IBM Tivoli® Directory Server*
- *IBM WebSphere Application Server*
- *IBM WebSphere Business Integration Server Foundation*
- *IBM DB2® Universal Database™*
- *IBM Rational® Application Developer for WebSphere Software*
- *IBM WebSphere Translation Server*

WebSphere Portal Enable provides core portal capabilities that allow you to quickly build scalable portals to meet the needs of your employees, customers and trading partners.

These portals can simplify and accelerate user interaction with personalized information, business processes and applications. The WebSphere Portal Enable offering provides portal services, including:

- *Connectivity and integration to allow access to enterprise data and applications, external news feeds or Web data, and applications.*
- *Presentation and administration to enable 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.*
- *Content management that provides an interface to store data and the structure to quickly access and associate that data with the business processes that use it.*
- *Document management that enables portal users to share, search, organize and edit word-processing, spreadsheet and presentation files.*
- *Business-process integration and orchestrated workflow capabilities that connect people and applications at a process level.*
- *Multisite support that enables the creation of virtual portal sites on one instance of WebSphere Portal.*

Expand your portal with WebSphere Portal Extend

Along with the value provided with WebSphere Portal Enable, WebSphere Portal Extend includes the following products (with restricted licenses):

- *IBM Lotus® Extended Search*
- *IBM Tivoli Web Site Analyzer*
- *IBM Lotus Instant Messaging (use restrictions apply)*
- *IBM Lotus Team Workplace (use restrictions apply)*
- *IBM Lotus Domino® Enterprise Server (use restrictions apply)*

WebSphere Portal Extend includes all the robust features of WebSphere Portal Enable and introduces collaboration capabilities, enterprise search functions and Web-site visitor-usage analysis, including:

- *Individual and shared team spaces with built-in collaborative capabilities.*
- *Parallel, distributed and heterogeneous searching capabilities.*
- *The ability to gain vital business intelligence through analyzing how visitors use your Web site portals.*

For more information

To learn more about IBM WebSphere Portal, Version 5.1, contact your IBM representative or IBM Business Partner, or visit:

ibm.com/software/genservers/portal

IBM WebSphere Portal, Version 5.1 at a glance

Hardware requirements

One of the following:
- IBM-compatible PC
- IBM @server® pSeries® server
- IBM @server iSeries™ server
- IBM @server zSeries® enterprise server
- Sun Solaris processor-based system
- HP-UX processor-based system (Itanium not supported)

Software requirements[1]

Supported operating systems
- Microsoft® Windows® 2000 Server or Windows 2000 Advanced Server with Service Pack (SP) 4
- Windows 2003 Standard or Windows 2003 Enterprise
- Windows XP Professional with SP1a (for development and test purposes only)
- Linux® on Intel® processor-based system: Red Hat Enterprise Linux Advanced Server (RHEL AS), Version 2.1 with Update 3; RHEL AS, Version 3.0 with Update 1 or Update 3; RHEL AS, Version 3.3 with Update 1; SUSE LINUX Enterprise Server (SLES), Version 8 with SP3 (2.4 kernel); or SLES, Version 9 (2.6 kernel)
- IBM z/OS, Version 1.4 or later
- Linux on zSeries: RHEL AS, Version 3.0 with Update 1 or SLES, Version 8 (2.4 kernel)
- IBM i5/OS for iSeries IBM POWER4™ and IBM POWER5™ processors (IBM i5/OS, Version 5.3)
- Linux on iSeries and Linux on pSeries: RHEL AS, Version 3.0 with Update 1 (POWER4 hardware only); RHEL AS, Version 3.3 with Update 1; or SLES, Version 9 (POWER5 hardware only)
- IBM AIX®, Version 5.1 with Maintenance Level (ML) 04 or ML05; AIX, Version 5.2 with ML01 and APAR IY44183, ML02, or ML03; or AIX, Version 5.3
- Sun Solaris operating environment, Version 8 (Patch cluster of November 2003) or Version 9 (Patch cluster of November 2003)
- HP-UX 11i, Version 1 with appropriate patches

Software requirements (continued)

Supported Web browsers
- Microsoft Internet Explorer, Version 5.5 with SP2 or Version 6.0 with SP1
- Mozilla, Version 1.3, Version 1.4, Version 1.5, Version 1.6 or Version 1.7[2]
- Firefox, Version 1.0
- Netscape Communicator, Version 6.2, Version 7.0 or Version 7.1[3]
- Opera, Version 7.23[4]

Supported application servers
- IBM WebSphere Business Integration Server Foundation, Version 5.1.1[5]
- IBM WebSphere Application Server, Version 6.0 (non-z/OS platforms)

Support databases
- IBM Cloudscape™, Version 5.1.60.12 (included in package)

One of the following for extended database coverage
- IBM DB2 Universal Database Enterprise Server Edition, Version 8.2 (included in package on non-z/OS platforms)
- IBM DB2 Universal Database Enterprise Server Edition, Version 8.1 with Fix Pack (FP) 6 a or FP7a
- IBM DB2 Universal Database Workgroup Server Edition, Version 8.2
- IBM DB2 Universal Database Workgroup Server Edition, Version 8.1 with FP 6a or FP7a
- IBM DB2 Universal Database for iSeries, Version 5.3 with FP4
- IBM DB2 Universal Database for z/OS, Version 7.1
- Oracle Enterprise Edition, Version 9.2.0.4
- Microsoft SQL Server Enterprise 2000 with SP3a

Supported Web servers
- Apache Server, Version 1.3.28 or Version 2.0.49.1
- IBM HTTP Server, Version 1.3.28.1 or Version 2.0.47.1 (included in package)
- IBM Lotus Domino Enterprise Server 5.0.12, 6.0.2, 6.0.3, 6.5.1, 6.5.3 or 6.5.4
- Sun Java System Web Server Enterprise Edition, Version 6.0 with SP7
- Sun Java System Web Server Enterprise Edition, Version 6.1 with SP1
- Microsoft Internet Information Server, Version 6.0

Supported Lightweight Directory Access Protocol (LDAP) servers
- IBM Directory Server, Version 5.1
- IBM Tivoli Directory Server, Version 5.2 (included in package)
- Lotus Domino Enterprise Server 5.0.12, 5.0.13, 6.0.2, 6.0.3, 6.0.4, 6.5.1, 6.5.2, 6.5.3 or 6.5.4
- IBM Directory Server for iSeries, Version 5.1
- IBM SecureWay® Directory Server LDAP for z/OS, Version 1.4, Version 1.5 or Version 1.6
- Sun ONE Directory Server, Version 5.2
- Novell eDirectory, Version 8.7
- Microsoft Windows Active Directory 2000 or Windows Active Directory 2003

Supported content-publishing software
- IBM® Workplace Web Content Management™, Version 5.1 (included in package)

Notes:
1. For the latest software requirements, visit **ibm.com**/*software/webservers/portal/library.html.*

2. Requires JavaScript. Refer to product documentation for more information.

3. Limited support. Refer to product documentation for more information.

4. Limited support. Refer to product documentation for more information.

5. Selected components required for portal operation are included in WebSphere Portal for Multiplatforms package, not WebSphere Portal for z/OS. Separate purchase required for WebSphere Portal for z/OS. Contact your IBM representative for more information.