

Lets small and midsize businesses cost-effectively  
and quickly deploy sophisticated portals



WebSphere® software

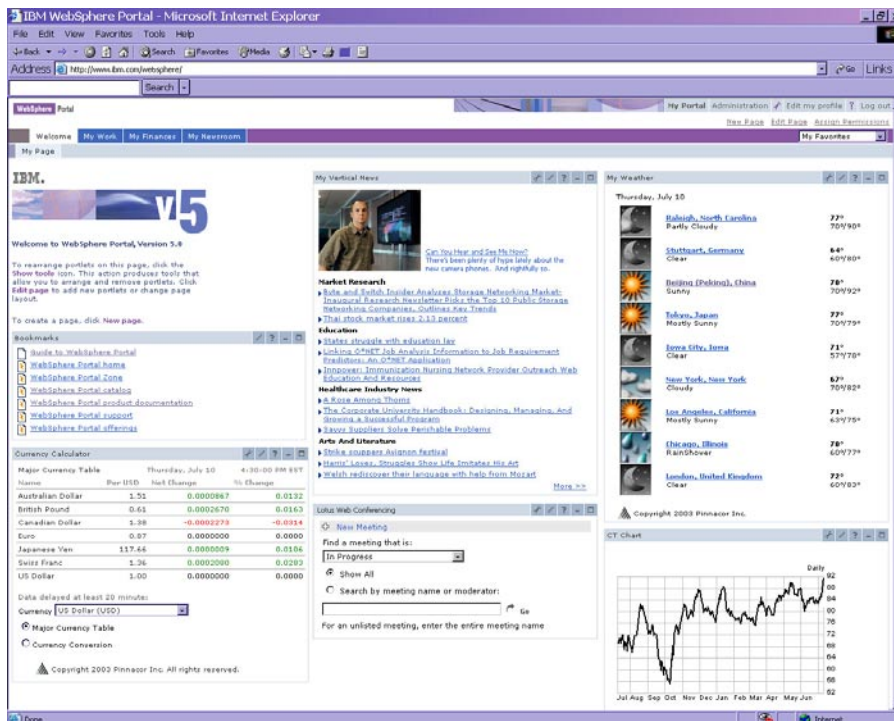
## IBM WebSphere Portal - Express for Multiplatforms, Version 5.0.2

### Highlights

- **Allows end users to easily customize their portal interface**
- **Offers per-user or per-processor licensing options**
- **Enables authenticated end-user single sign-on across multiple applications**
- **Helps employees access business-critical applications and data**
- **Helps reduce cost of building and maintaining professional portals**
- **Includes integrated document-management capabilities**
- **Makes it easier for trading partners and customers to find business data**
- **Offers an option to include instant messaging and other team collaboration features**

### Make sophisticated portals affordable

Small and midsize businesses have to connect with their employees, trading partners and customers just as effectively and productively as larger companies—but often on a tighter budget. You have to give your trading partners and customers the same rich content, access to data and the application function they expect from any company that's serious about e-business, regardless of size. To help stretch your IT investments and to keep a competitive edge, IBM offers advanced portal solutions at entry-level pricing. Portals that are quick to deploy and easy to use—but won't deplete your budget.



WebSphere Portal - Express, Version 5.0.2 helps you create customizable portals to simplify user access to applications and content. Users can choose the content and portal page organization that best meets their needs.

IBM WebSphere® Portal - Express for Multiplatforms, Version 5.0.2 enables small and midsize businesses, as well as departments within larger companies, to more rapidly deploy business-to-business (B2B), business-to-consumer (B2C) and business-to-employee (B2E) portals on Microsoft® Windows® 2000, IBM OS/400® and Linux systems. Simplified installation and convenient licensing options — available at a per-user or per-processor price, whether for employees or others — give you fast, affordable intranet and extranet portal deployment.

WebSphere Portal - Express, Version 5.0.2 is based on the same powerful portal framework as the rest of the IBM WebSphere Portal family, and includes IBM WebSphere Application Server technology and a wide selection of portlets (integration code that connects applications and data to the portal). New in this release, integrated document-management capabilities can help employees share information to work faster.

### **Improve contact through a single point of access**

The WebSphere Portal - Express framework facilitates the integration of portals with applications and data sources. And streamlines management of administration tasks like portal user membership. You can build highly functional portals that provide a convenient, single point of access to applications, rich content and people. And improve employee productivity with efficient access to business processes, such as enterprise resource planning (ERP), supply chain management (SCM) and customer relationship management (CRM) systems.

Built-in, ready-to-use portlets and leading-edge, portlet-development tools can accelerate the creation of new portals and simplify the addition of new applications to a portal after it has been deployed. A robust set of application programming interfaces (APIs) helps simplify development and allows you to customize your portal for each end user. With support for a wide variety of wireless computing devices from personal digital assistants (PDAs) to cell phones, WebSphere Portal - Express can help you reach a distributed workforce, global trading partners and mobile customers — regardless of location or device. You can configure your portal to present content on different device types — such as laptop computers and mobile phones — to reach employees and customers on the go.

WebSphere Portal - Express includes an integrated database to store portal parameter data — simplifying portal installation and potentially lowering your total cost of ownership (TCO). A new, integrated document-management facility allows your team to easily share documents through your portal. Portal users can view, edit, search, categorize, approve and subscribe to documents. WebSphere Portal - Express also includes productivity components to provide document editing and viewing capabilities. These components enable portal users to view and edit simple documents, spreadsheets and presentations stored in an integrated document manager — without the need to install client-side software or browser plug-ins. Productivity components can also be used to embed text-editing and spreadsheet functions within portlets. For example, you can automate a financial calculation by adding a spreadsheet function to a portlet.

WebSphere Portal - Express includes portlets that provide access to frequently used and popular e-business applications, including e-mail, calendars and collaboration tools. To save time and improve productivity, WebSphere Portal - Express supports single sign-on capabilities, so your customers and employees don't have to sign on separately to every application they use.

And true to its support for open standards, IBM provides a portlet API to help developers quickly extend a portal's capability. Developers can add custom applications and features to portals to meet a variety of business needs.

WebSphere Portal - Express allows portal users to easily customize the organization and content of their portal pages to match their preferred work patterns and needs. IBM WebSphere Portal - Express helps you provide a consistent look and feel across diverse applications and data sources, improving the Web site experience for portal users.

### Collaborate to improve productivity

IBM WebSphere Portal - Express Plus, Version 5.0.2 includes all the features of WebSphere Portal - Express and offers integrated collaboration features including instant messaging, online awareness, virtual teamrooms, group calendaring, task and milestone tracking, and discussion areas. These technologies can help you create and customize individual and shared team workspaces in a central, safe location on the Web. Administrators or end users can effectively manage portal memberships and projects.

Portal users can consolidate, organize and rapidly share ideas, content and tasks. You can develop discussion areas and store project-related documents in convenient, shared libraries to support team access, or assign tasks and track progress with ease.

### For more information

To learn more about IBM WebSphere Portal - Express for Multiplatforms, Version 5.0.2, or to access an online catalog of portlets from IBM and other vendors, visit:

[ibm.com/websphere/portal](http://ibm.com/websphere/portal)

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## IBM WebSphere Portal - Express for Multiplatforms, Version 5.0.2 at a glance

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Operating environment <sup>1</sup>	<p>IBM or compatible PC</p> <ul style="list-style-type: none"> <li>• 1024MB available memory</li> <li>• 2GB available disk space</li> </ul> <p>IBM @server<sup>®</sup> iSeries<sup>™</sup> server</p> <ul style="list-style-type: none"> <li>• 2GB available memory</li> <li>• 2GB available disk space</li> </ul>
Software requirements	<p>For Windows and Linux environments:</p> <ul style="list-style-type: none"> <li>• Windows 2000 Server with Service Pack 2 or Service Pack 3</li> <li>• Windows 2000 Advanced Server with Service Pack 2 or Service Pack 3</li> <li>• Red Hat Linux 8.0</li> <li>• Red Hat Linux Advanced Server 2.1</li> <li>• SuSE Linux 7.3</li> <li>• SuSE Linux Enterprise Server (SLES) 7 or SLES 8</li> </ul> <p>For OS/400 environments:</p> <ul style="list-style-type: none"> <li>• OS/400, Version 5 Release 2</li> </ul>
Database requirements	<p>For Windows and Linux environments:</p> <ul style="list-style-type: none"> <li>• IBM DB2<sup>®</sup> Universal Database<sup>™</sup> Enterprise Edition, Version 8.1 with Fix Pack 1; or IBM DB2 Universal Database Enterprise Edition, Version 7.2 with Fix Pack 8 or Fix Pack 9</li> <li>• IBM DB2 Universal Database Workgroup Edition, Version 8.1 with Fix Pack 1; or DB2 Universal Database Workgroup Edition, Version 7.2 with Fix Pack 8 or Fix Pack 9</li> <li>• IBM DB2 Universal Database Workgroup Unlimited Edition, Version 8.1 with Fix Pack 1; or DB2 Universal Database Workgroup Unlimited Edition, Version 7.2 with Fix Pack 8 or Fix Pack 9</li> <li>• IBM DB2 Universal Database Express, Version 8.1</li> <li>• Microsoft SQL Server Enterprise 2000 SP3</li> <li>• Oracle 8i Enterprise Edition (Oracle 8.1.7); or Oracle 9i Enterprise Edition Release 2 (Oracle 9.2)</li> <li>• IBM Informix<sup>®</sup>, Version 9.3 or Informix, Version 9.4</li> </ul> <p>For OS/400 environments:</p> <ul style="list-style-type: none"> <li>• IBM DB2 Universal Database for OS/400</li> </ul>

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## IBM WebSphere Portal - Express for Multiplatforms, Version 5.0.2 at a glance (continued)

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Lightweight Directory Access Protocol (LDAP) server requirements	<ul style="list-style-type: none"><li>• IBM Directory Server, Version 4.1</li><li>• IBM Directory Server, Version 5.1</li><li>• IBM Lotus® Domino® 5.0.11, 5.0.12, 6.0.1</li><li>• Sun ONE Directory, Version 5.0</li><li>• Microsoft Active Directory 2000</li><li>• Novell eDirectory/NDS Directory, Version 8.6</li></ul>
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WebSphere Portal - Express for Multiplatforms, Version 5.0 includes:	<ul style="list-style-type: none"><li>• IBM WebSphere Portal Server</li><li>• Components of IBM WebSphere Application Server family, licensed for use by the portal in a single-server configuration only</li><li>• IBM WebSphere Studio Site Developer, Version 5.0, licensed for use in developing portlets only</li><li>• IBM HTTP Server<sup>2</sup></li><li>• IBM Directory Server, Version 5.1<sup>3</sup></li><li>• IBM WebSphere Portal Toolkit, Version 5.0</li></ul>
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IBM WebSphere Portal - Express Plus for Multiplatforms, Version 5.0 includes:	<ul style="list-style-type: none"><li>• Software in WebSphere Portal - Express for Multiplatforms, Version 5.0</li><li>• Instant messaging and online awareness capabilities<sup>4</sup></li><li>• Virtual teamrooms, group calendaring, task and milestone tracking and discussion areas<sup>5</sup></li></ul>

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<sup>1</sup> IBM WebSphere Portal - Express for Multiplatforms, Version 5.0 is licensed for operation in a single-server configuration only. Clustering and cloning are not supported. Additional license restrictions apply. Contact your IBM sales representative or reseller for details.

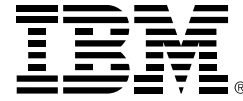
<sup>2</sup> IBM HTTP Server is not included with IBM WebSphere Portal - Express software that is iSeries server-compatible.

<sup>3</sup> IBM Directory Server, Version 5.1 is not included with IBM WebSphere Portal - Express software that is iSeries server-compatible.

<sup>4</sup> For Windows environments, the instant messaging function must be placed on a separate server with 1GB minimum memory and 1GB available disk space. Red Hat Linux and SuSE Linux are not supported on this server. For OS/400 environments, the instant messaging server function requires 512MB minimum memory and 500MB minimum free disk space.

<sup>5</sup> For Windows environments, these functions must be placed on a separate server with 128MB minimum memory and 2GB minimum available disk space. Red Hat Linux and SuSE Linux are not supported on this server. For OS/400 environments, these functions require 256MB minimum memory and 500MB minimum free disk space, as well as 10MB free disk space for each virtual teamroom created.

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System requirements vary with expected workload and should be determined based on your anticipated workload. Contact your IBM sales representative or reseller for details.