



WebSphere software

WebSphere Everyplace Access, Version 4.3 on BlackBerry

Highlights

- **Advanced capabilities in intelligent notification, complementing e-mail push and instant messaging capabilities of BlackBerry®**
- **Access to backend corporate applications such as PeopleSoft, SAP and Siebel with end-to-end security from BlackBerry solution**
- **Enhanced integration with WebSphere® Portal for remote portlet access**
- **Pre-built portlets that provide BlackBerry support**
- **Ease of implementation on a single, scalable platform**
- **Development toolkit to create, emulate, test and debug portlets**
- **Support for Java-based BlackBerry Wireless Handhelds™**

Bridging wireless environments

To increase their competitive advantage, enterprises need to make sure that mobile workers have access to daily office services like e-mail and calendars; enterprise applications such as sales force and field force automation; and important personal productivity applications such as Personal Information Manager (PIM).

IBM and Research In Motion® teamed together to integrate WebSphere Everyplace Access V4.3 with BlackBerry Enterprise Server specifically to extend this complex wireless environment and provide mobile workers with access to these applications with a single, secure, scalable architecture. With WebSphere Everyplace Access and BlackBerry, mobile employees can seamlessly work online.

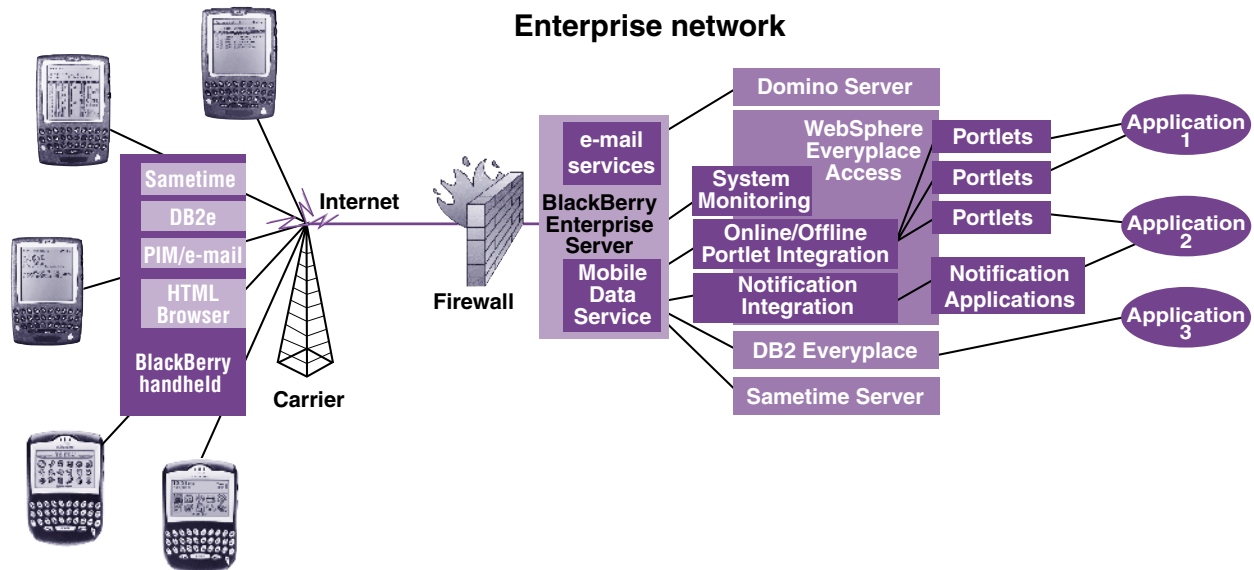
Intelligent notification

WebSphere Everyplace Access provides a variety of powerful mobile services that can enable enterprises to enhance these mobile applications. Intelligent notification, for example, proactively notifies users of key information or events triggered news feeds or enterprise applications and systems. These notifications are pushed to workers via the BlackBerry Enterprise Server, leveraging the 'push' capabilities of BlackBerry and 'Always On, Always Connected®' BlackBerry handhelds.

Improving personal productivity

WebSphere Everyplace Access builds upon BlackBerry integration with PIM and e-mail functions for Lotus Notes

BlackBerry access to enterprise applications



WebSphere Everyplace Access provides a scalable, mobile-enablement platform for enterprise applications by leveraging open standards and integrating with BlackBerry Enterprise Server.

WebSphere Everyplace Access V4.3 on BlackBerry at a glance

- Functions**
- Provides a mobile application platform for business-critical data and applications to mobile employees
 - Proactively notifies users via Intelligent Notification Services (INS)
 - Complements mobile instant messaging via Lotus Sametime® on BlackBerry
 - Supplies developers with a rich, standards-based set of development tools to streamline the launch cycle for applications

Server The following are recommended software requirements

WebSphere Everyplace Access

- Microsoft Windows® 2000 Server or Advanced Server

BlackBerry Enterprise Server

- BlackBerry Enterprise Server V3.6 for Microsoft Exchange
- BlackBerry Enterprise Server V2.2 for Lotus Domino

Client All Java-enabled BlackBerry Wireless Handhelds are supported

For a full listing go to:

<http://www.blackberry.com/products/handhelds/index.shtml>

and Microsoft Exchange. BlackBerry also supports instant messaging, chat and awareness via Lotus Sametime. With immediate access to corporate resources, mobile workers can quickly answer questions and make faster decisions in the field.

Mobilizing business processes

Beyond personal productivity applications, WebSphere Everyplace Access is built on proven IBM technologies, including IBM WebSphere Application Server and IBM WebSphere Portal Server. These technologies deliver the foundation for a reliable, secure and scalable mobile application platform and help provide a robust set of services, such as administration, directory and authentication.

As part of the portal infrastructure, WebSphere Everyplace Access also provides the use of portlets and the portlet-programming model to extend e-business applications and content to Java-enabled BlackBerry Wireless Handhelds online. Using WebSphere Everyplace Access and WebSphere Portal, enterprises can integrate to Enterprise Resource Planning (ERP) systems and workflow, and extend these systems to BlackBerry.

Tools and resources to streamline application development

Everyplace Toolkit for WebSphere Studio is a set of plug-ins to WebSphere Studio Site Developer that supports the development of mobile e-business applications powered by IBM middleware. The Everyplace Toolkit provides select content creation, adaptation tools, portlet samples, an external annotation editor and portlet development tools. It also provides markup editors for Wireless

Markup Language (WML) and Compact HyperText Markup Language (cHTML), and features a programming model built on portals as mechanisms for aggregating information. Tools for WebSphere Everyplace Access go beyond the server side of mobile application development. WebSphere Studio Device Developer, built on the Eclipse open tools platform, can provide developers with a build, deploy and test environment for the creation of Java applications that target WebSphere Micro Environment in the device. The combination of WebSphere Studio Device Developer and Everyplace Toolkit for WebSphere Studio can allow developers to build, test, deploy and maintain end-to-end applications.

Built on a firm foundation

WebSphere Everyplace Access provides the functionality to extend existing or new business applications to the wireless world. With a solid foundation and a reliable infrastructure, Independent Software Vendors (ISVs), system integrators and in-house application developers can create high-value solutions.

For more information

To learn more about IBM pervasive computing and WebSphere Everyplace Access, V4.3, visit our Web site at **ibm.com/pvc** or call your local IBM representative.

To learn more about BlackBerry visit: www.blackberry.com/go/ibm



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