

# BlackBerry Enterprise Solution

## The Leading Wireless Solution for the Enterprise

The BlackBerry® Enterprise Solution provides a complete wireless connectivity platform for securely extending the business information residing in existing enterprise applications and systems to mobile professionals. It provides wireless access to email, enterprise data, phone, Internet, SMS and organizer applications. It is a fully integrated enterprise solution that provides what organizations require to go wireless: innovative server software, advanced wireless devices, wireless network service and essential support programs and services.\*

### BlackBerry Enterprise Solution Architecture and Security Model

The BlackBerry Enterprise Solution incorporates advanced security features while providing a flexible, IT friendly solution that allows organizations to quickly and cost-effectively deliver wireless information to mobile workers. It allows organizations to create end-to-end wireless connectivity solutions for a host of enterprise applications and systems. Key elements of the BlackBerry Enterprise Solution architecture include:

- 1 **BlackBerry Enterprise Server software** - Robust server software provides advanced security features and acts as the centralized link between wireless devices, applications and wireless networks.
- 2 **Broad selection of wireless devices** - Organizations and users can choose the devices that best suit their different needs and preferences.
- 3 **Support for global carrier networks** - BlackBerry is supported on over 50 networks in more than 30 countries around the world.
- 4 **Integration with messaging servers** - The BlackBerry Enterprise Solution provides an out-of-the-box solution for wirelessly extending popular messaging and collaboration servers.
- 5 **Wireless extension of application servers and databases** - The BlackBerry Enterprise Solution provides the solution components required to wirelessly extend an organization's existing enterprise applications and systems.
- 6 **Support services and programs** - Several support services and programs are available to help organizations achieve the full benefit of their wireless solution deployments.

**SUPPORTED ENTERPRISE APPLICATIONS/ ENVIRONMENTS (ERP, CRM, SCM, NSM) INCLUDE\*:**

- Amdocs Clarify
- AS/400®
- Domino®
- Linux®
- NetWare®
- Oracle®
- PeopleSoft®
- Remedy®
- salesforce.com®
- SAP®
- Siebel®
- UNIX®
- Windows®

\*Third-party support may be required

**SUPPORTED ENTERPRISE DEVELOPMENT FRAMEWORKS:**

- BEA®
- Java™ 2 Enterprise Edition (J2EE™)
- Microsoft .NET
- WebSphere®

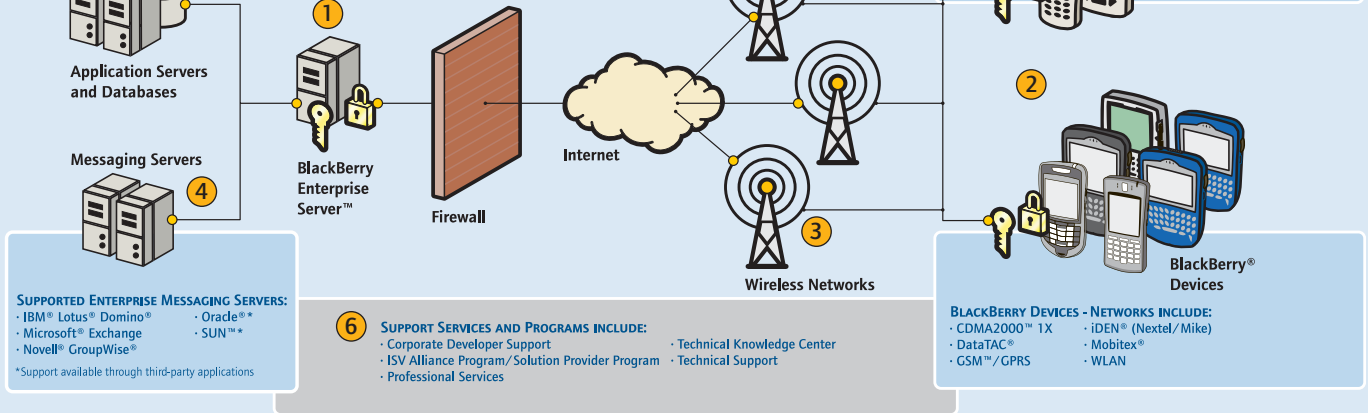
**SUPPORTED PROGRAMMING LANGUAGES INCLUDE:**

- HTML
- HTTP
- JavaScript™
- WML
- XML

**BLACKBERRY CONNECT AND BLACKBERRY BUILT-IN TECHNOLOGY SUPPORTED BY:**

<b>Device Manufacturers</b>	<b>Operating Systems</b>
· HTC	· Microsoft Windows Mobile™
· Motorola®	· Palm OS®
· Nokia®	· Symbian OS™
· Samsung®	
· Siemens®	
· Sony® Ericsson®	

**BlackBerry Connect™ and BlackBerry Built-In™ Devices**



**SUPPORTED ENTERPRISE MESSAGING SERVERS:**

- IBM® Lotus® Domino®
- Microsoft® Exchange
- Novell® GroupWise®
- Oracle®\*
- SUN™\*\*

\*Support available through third-party applications

**6 SUPPORT SERVICES AND PROGRAMS INCLUDE:**

- Corporate Developer Support
- ISV Alliance Program/Solution Provider Program
- Professional Services
- Technical Knowledge Center
- Technical Support

**BLACKBERRY DEVICES - NETWORKS INCLUDE:**

- CDMA2000™ 1X
- DataTAC®
- GSM™/GPRS
- iDEN® (Nextel/Mike)
- Mobitex®
- WLAN

# Why Choose BlackBerry Enterprise Server?

BlackBerry Enterprise Server is the foundation of the BlackBerry Enterprise Solution. It provides IT departments with:

## A single, open platform for end-to-end wireless connectivity solutions

- **Supports multiple networks and applications** - Acts as the centralized link between global wireless networks, devices and enterprise applications, managing data transmission and encryption.
- **Pushes information to users** - Automatically delivers important information to mobile professionals using proven BlackBerry "push" delivery architecture.
- **Supports device choice** - Choose devices that best suit organizational needs and user preferences. BlackBerry Enterprise Server supports popular BlackBerry devices, as well as BlackBerry Built-In and BlackBerry Connect devices from leading manufacturers.

## Simplified management

- **Centralized control** - Retain secure, global control over the entire wireless environment via IT policies, such as enforced software upgrades, automatic wireless backups and mandatory password configurations.
- **Device asset reporting** - Track and manage key device statistics, including device model, PIN number, software version and serial number, as well as monitor third party applications loaded and IT policies applied.
- **Device application control** - Set and enforce policies that specify required, allowed and disallowed third party device software.
- **Scalable platform** - BlackBerry Enterprise Server grows along with organizations, easily accommodating new users and applications.

## Quick and cost-effective deployments

- **Wireless, cradle-less activation and provisioning** - Streamline deployments by allowing users to wirelessly activate and provision themselves using their wireless devices.
- **Centralized device management and configuration** - Reduce administrative overhead with configuration tools that allow IT departments to centrally load device software and predetermined user data.

## Advanced security features

- **End-to-end Triple DES\*\* or AES encryption** - Secure, authenticated, outbound-only connections help ensure the confidentiality and integrity of wirelessly transmitted information. Data remains encrypted at all points between wireless devices and BlackBerry Enterprise Server.
- **Optional S/MIME support†** - Leverages an organization's existing S/MIME capabilities.
- **Device content protection** - Protects sensitive enterprise information by locally encrypting data on devices.
- **IT policy enforcement and commands** - Define and wirelessly enforce security settings on devices, as well as impose device lock-down or wipe data from lost or stolen devices.

### Certified Secure

- BlackBerry Wireless Handhelds™ meet strict government security standards and have received the FIPS 140 validation.
- @stake, a leading digital security consulting firm, has shown that the BlackBerry security model provides the same level of security as traditional VPN connections.

## Ability to leverage existing infrastructure and investment

- **Integration with leading messaging servers** - Provides an out-of-the-box wireless extension of existing messaging platforms: IBM Lotus Domino, Microsoft Exchange and Novell GroupWise.
- **Extend enterprise applications and systems** - Standards-based, open platform works with existing data stores and applications to wirelessly enable CRM, ERP, business intelligence, document management systems and more.
- **Flexible application development options** - Choose from development options that enable organizations to quickly and cost-effectively extend existing systems to mobile workforces.

### Options for Extending BlackBerry Wirelessly

The BlackBerry Enterprise Solution provides the technology required to wirelessly extend enterprise applications and systems beyond email. Many organizations can meet their wireless data requirements simply by creating browser-based intranet and Internet applications for wireless devices. If more complex wireless device applications are required, organizations can choose from the following application development options:

- **BlackBerry developer toolsets** - Enable in-house application development by enterprise IT teams.
- **"Pre-packaged" solutions** - Allow organizations to choose from a variety of wireless solutions developed by BlackBerry ISV Alliance Partners for mainstream business applications.
- **Third party development** - Customers with wireless requirements that are not easily met with off-the-shelf solutions can receive assistance with application integration from BlackBerry System Integrators or BlackBerry Solution Provider Alliance Partners.

## To Purchase

Purchase the BlackBerry Enterprise Solution by contacting your wireless service provider.

## For More Information

Obtain additional information on the BlackBerry Enterprise Solution, including platform overviews, upgrade information, wireless security features, white papers, solution resources and more: [www.blackberry.com/go/enterprisesolution](http://www.blackberry.com/go/enterprisesolution)

\*Check with service provider for availability, roaming arrangements, service plans and features and availability on BlackBerry Connect and BlackBerry Built-In devices. Certain features outlined in this document require a minimum version of BlackBerry Enterprise Server Software, BlackBerry Desktop Software, and/or BlackBerry device software and may require additional development or third party products and/or services for access to corporate applications. Prior to subscribing to or implementing any third party products and services, it is your responsibility to ensure that the service provider you are working with has agreed to support all of the features of the third party products and services. Installation and use of third party products and services with RIM's products and services may require one or more patent, trademark or copyright licenses in order to avoid infringement of the intellectual property rights of others. You are solely responsible for determining whether such third party licenses are required and are responsible for acquiring any such licenses. To the extent that such intellectual property licenses may be required, RIM expressly recommends that you do not install or use these products and services until all such applicable licenses have been acquired by you or on your behalf. Your use of third party software shall be governed by and subject to you agreeing to the terms of separate software licenses, if any, for those products or services. Any third party products or services that are provided with RIM's products and services are provided "as is". RIM makes no representation, warranty or guarantee whatsoever in relation to the third party products or services and RIM assumes no liability whatsoever in relation to the third party products and services even if RIM has been advised of the possibility of such damages or can anticipate such damages. \*\* Available for BlackBerry Enterprise Server for Microsoft Exchange and BlackBerry Enterprise Server for IBM Lotus Domino only. † Available for BlackBerry Enterprise Server for Microsoft Exchange only.

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