BlackBerry®
Enterprise Solution

Trust the leading wireless platform for the enterprise

Connect your mobile users to the customers,

colleagues and information that drive your business.

Mobilize your email, enterprise applications and voice

communication systems.

:::: BlackBerry®

The clear choice
for the enterprise

The BlackBerry Enterprise Solution is an IT friendly solution with advanced security features that allow mobile users to access enterprise email, voice systems and business critical applications wirelessly.

BlackBerry Enterprise Server offers the highest level of IT control with advanced security features*

Offers peace of mind

- **High availability** – Provides built-in high availability architecture which is designed for fast recovery from unplanned downtime, providing organizations with added confidence in their wireless infrastructure.
- **Enhanced monitoring capabilities** – Designed to keep BlackBerry® smartphones operating at an optimized level and downtime to a minimum by assessing the health of the BlackBerry Enterprise Solution.

Advanced security features

- **End-to-end AES or Triple DES encryption** – FIPS 140-2 validated encryption technology helps ensure the confidentiality and integrity of wirelessly transmitted information from behind the firewall to wireless devices in the field.
- **More than 500 over the air wireless IT policies and commands** – Including: impose device lock-down and wipe data from lost or stolen devices. *Plus* support for S/MIME and PGP encrypted email attachments.
- **Available BlackBerry® Smart Card Reader** – Create a highly secure, two factor authenticated environment for granting access to BlackBerry smartphones and PKI applications.
- **Independent Security Certifications** – The BlackBerry Enterprise Solution has received more security accreditations globally than any other wireless solution, including CESG approval. It is the first mobile solution to receive Common Criteria certification and FIPS 140-2 validation of its cryptography.

> "We are impressed with the new administrative features. Having true high availability built into the platform has given us further peace of mind as we rely on our BlackBerry smartphones to help support the life-critical emergency services we provide."
>
> Gary Bellfield, ICT Manager, Tayside Fire and Rescue

Low total cost of ownership (TCO)

- **Cost effectively expand the user base** – BlackBerry® Enterprise Server Express, which can be deployed alongside BlackBerry Enterprise Server, has less IT functionality, but still provides advanced BlackBerry smartphone business features. There are no software license fees or additional per user license fees, allowing a company to maintain security and control over corporate provided smartphones, as well as personal smartphones that employees use for work purposes.
- **Efficient use of bandwidth** – Data compression and transcoding reduce the amount of data transmitted over wireless networks resulting in lower cost for organizations.
- **Effective use of resources** – Enhanced manageability of the BlackBerry Enterprise Solution translates into less overhead costs spent on time and resources.

Easy to deploy, easy to manage

- **Centralized, web-based administrative console** – The BlackBerry Administration Service provides the most complete and efficient way to manage the BlackBerry Enterprise Solution.
- **Efficient deployment** - Perform enterprise activations over the air.
- **Role and group-based administration capabilities** – Offering efficient and flexible management.
- **Wireless application deployments** – Provides fast, cost-effective method for remotely supporting users and managing application lifecycles.
- **Track key device statistics** – Easily review and monitor third party applications, IT policies, device models, PINs, software versions and serial numbers.
- **Improved application management** – Maximize uptime by scheduling maintenance tasks around peak business hours to avoid interference with day-to-day business continuity.
- **Ensure upgrades go smoothly** - BlackBerry Enterprise Transporter allows administrators to migrate users from one BlackBerry domain to another, without requiring action by the user.
- **Self-service tools** - Your users can now use BlackBerry® Web Desktop Manager to delete all data, lock or disable their BlackBerry smartphone if it is lost or stolen.

The BlackBerry Enterprise Solution is designed to provide users with wireless access to email, business applications and advanced smartphone functionality.

Email and collaboration tools – BlackBerry technology makes it easy for mobile workers to stay connected:

• **Email** – Wirelessly extends existing enterprise email using automatic BlackBerry push delivery for Microsoft® Exchange, IBM® Lotus® Domino® and Novell® GroupWise®, including the ability to flag important email messages and add, rename, delete or move email folders.

• **Personal Information Management** – Complete wireless synchronization of calendar, address book, tasks and notes keeps mobile workers up-to-date. Mobile users can pull meetings together while on the go by viewing their colleagues' calendars and forwarding appointments.
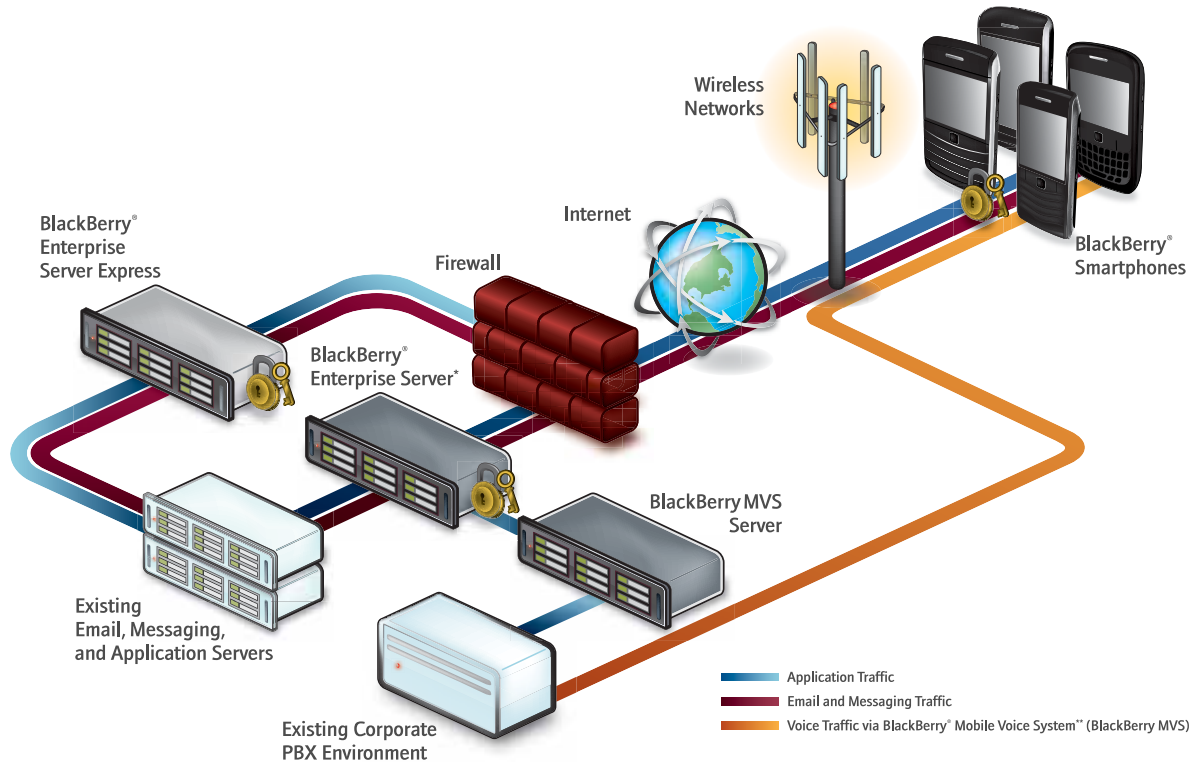
Desktop features – Gives mobile users improved remote control of desktop features through BlackBerry smartphones, including:

• **Network drives** – access using remote file explorer and view and attach files to emails.

• **Attachments** – Download and edit email attachments.

• **Browser** – Mobile access to the web and intranet.

Applications – Wirelessly enable business applications, intranets, data stores and back-end systems including customer relationship management, sales force automation and more. Applications for BlackBerry smartphones can deliver a compelling user experience, with the ability to integrate seamlessly with native applications such as the calendar, contact list or GPS. Visit **www.blackberrysolutionscatalog.com**

Add-ons

• **Enterprise Voice** – Help ensure mobile professionals never miss a call by extending office desk phone functionality to BlackBerry smartphones while enabling telecom administration for mobile calls with BlackBerry® Mobile Voice System (BlackBerry MVS).

• **One phone number, one voicemail** – A single business phone number rings up to four wireless devices simultaneously or sequentially. All unanswered calls go to a single corporate voice mail box, simplifying message management.

• **Consistent caller identity** – Mobile users can make enterprise voice calls with the same identity as their corporate desk phones.

• **Enterprise Collaboration** – Mobilize your corporate social networking so employees can collaborate while out of the office.

• **Chalk™ Pushcast™ Software for BlackBerry smartphones** - Distribute rich-media content to mobile users wirelessly, helping to enhance productivity and improve efficiency.

• **Instant Messaging** – Increase communication and collaboration with mobile access to enterprise Instant Messaging systems.

Visit **www.blackberry.com/go/addons** for more information

Wireless
Networks

Internet

Firewall

BlackBerry®
Enterprise
Server Express

BlackBerry®
Enterprise Server*

BlackBerry MVS
Server

BlackBerry®
Smartphones

Existing
Email, Messaging,
and Application Servers

Existing Corporate
PBX Environment

▬ Application Traffic
▬ Email and Messaging Traffic
▬ Voice Traffic via BlackBerry® Mobile Voice System** (BlackBerry MVS)

* Only BlackBerry Enterprise Server can work with BlackBerry MVS

** Applicable to BlackBerry MVS for Cisco® Unified Communications Manager;
BlackBerry MVS requires a media gateway, where voice traffic routes through
the BlackBerry MVS server during every inbound and outbound BlackBerry MVS call.

Key elements of the BlackBerry Enterprise Solution are*:

BlackBerry smartphones are integrated wireless voice
and data devices that are optimized to work with the BlackBerry
Enterprise Solution. They are designed to provide push-based
access to email and data from enterprise applications and
systems in addition to web, SMS and organizer applications.

The BlackBerry Enterprise Server is enterprise-class
server software that acts as the centralized link between
BlackBerry smartphones, enterprise applications, corporate
email, PBX environments through the use of BlackBerry Mobile
Voice System (BlackBerry MVS) and wireless networks.

Support helps customers maximize the capabilities of the
BlackBerry solution and achieve strategic business goals through
mobility. BlackBerry® Solution Services — BlackBerry® Technical
Support Services, BlackBerry® Training and BlackBerry®
Certification Program — are essential services designed to help
you extract more value from the BlackBerry Enterprise Solution.
Visit **www.blackberry.com/go/solutionservices**
for more information.

BlackBerry Enterprise Server Express can be
deployed alongside BlackBerry Enterprise Server for
organizations that only have a subset of users that require
the advanced IT management included in the BlackBerry
Enterprise Server. It provides advanced smartphone
business features with no software license fees or
additional per user license fees.
Visit **www.blackberry.com/express**

::: BlackBerry®

For more information and to purchase
BlackBerry Enterprise Solution contact:

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