

BlackBerry Enterprise Server version 5.0

# Top Reasons to Upgrade

With the latest release of the BlackBerry® Enterprise Server software, your organization gains new administrative features, built-in high availability to maximize system uptime and minimize unplanned downtime, and application management to deploy, control and manage applications with new wireless capabilities that help increase productivity.



 **BlackBerry®**



## Why You Should Upgrade to BlackBerry Enterprise Server v5.0

**BlackBerry Enterprise Server v5.0 is designed to provide peace of mind while helping you meet your mobility needs. Engineered for mission critical environments, you can benefit from the high availability architecture, improved administrative features, valuable monitoring tools, advanced security, and its ability to grow with your company.**

### Giving Power and Flexibility New Meaning

The **BlackBerry® Administration Service** is a dynamic, web-based, centralized administrative console designed to provide a complete and efficient way to manage the BlackBerry® Enterprise Solution. The console is customized, so that it only shows the administrator the relevant tasks based on their role. It provides what is needed to set up and manage the high availability architecture, wirelessly deploy BlackBerry smartphones, manage user settings, deploy and manage applications, assign permissions, control groups, and update BlackBerry® Device Software.

**Enterprise-wide application deployments** and upgrades are efficient and can be done without impact to BlackBerry smartphone users. With enhanced job management, throttling and scheduling, deployments can now be managed around peak business hours. Jobs can be scheduled to avoid interference with day-to-day business continuity which solves the problem of the IT Administration team needing to work after hours. Jobs and tasks can both be throttled, with individual throttling thresholds available for varying types of tasks including IT policies, application distribution, device software distribution and device software application settings.

**Custom roles and enhanced group functionality** provide more controls that allow administrators to assign BlackBerry smartphone functionality according to employee roles within the company. IT managers can now assign role-based permissions to IT staff, tailoring BlackBerry administrative tasks to the specific role of the administrator. Group membership capabilities have been expanded, with multiple levels of nested groups possible, and the ability to assign roles, software configurations and IT policies to groups.

BlackBerry Enterprise Server v5.0 administration has been fine-tuned with the addition of the **BlackBerry® Enterprise Transporter**. This tool allows administrators to migrate BlackBerry smartphone users from one BlackBerry domain to another, without requiring action by the user. To help ensure that upgrades to BlackBerry Enterprise Server v5.0 go smoothly, a test environment can be built first and then the BlackBerry Enterprise Transporter can be used to move users into the production environment.

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	BlackBerry Enterprise Server Version 4.1 with Service Pack 6	BlackBerry Enterprise Server Version 5.0
<b>Email</b>		
Push Message Delivery and Wireless Email Reconciliation	✓ <sup>1</sup>	✓ <sup>1</sup>
Sent Item Synchronization	✓ <sup>2</sup>	✓ <sup>2</sup>
Email Server Search and Download	✓ <sup>3</sup>	✓ <sup>3</sup>
BlackBerry Enterprise Server Email Message View	✓	✓
HTML Support	✓ <sup>3</sup>	✓ <sup>3</sup>
Device Side Folder Management		✓ <sup>4</sup>
Flag for Follow Up		✓ <sup>4</sup>
<b>Instant Messaging</b>		
Support for Windows® Messenger	✓	✓
Support for IBM® Lotus® Sametime®	✓	✓
Support for Novell® GroupWise® Messenger	✓	✓
Support for IBM Lotus Sametime 8	✓	✓
Support for Microsoft® Office Communications Server 2007	✓	✓
IM Contact Linking to Address Book Contact	✓ <sup>3</sup>	✓ <sup>3</sup>
IM Contact Click-to-Call	✓ <sup>3</sup>	✓ <sup>3</sup>
IM Session Convert-to-Call	✓ <sup>3</sup>	✓ <sup>3</sup>
Emoticons	✓ <sup>3</sup>	✓ <sup>3</sup>
<b>Calendar/PIM</b>		
Wireless PIM and Calendar Synchronization	✓ <sup>5</sup>	✓ <sup>5</sup>
Remote Address Lookup	✓ <sup>6</sup>	✓ <sup>6</sup>
vCard Support (conversion to BlackBerry Address Book)	✓	✓
Free/Busy Availability Lookup	✓ <sup>3</sup>	✓ <sup>3</sup>
Forward Calendar Entries		✓ <sup>4</sup>
Calendar Attachment Support		✓ <sup>4</sup>
Synchronization of Public and Private Contacts		✓ <sup>4</sup>
Synchronization of Multiple Contact Folders		✓ <sup>4</sup>
<b>Attachments</b>		
Attachment Service and Support for .zip	✓ <sup>7</sup>	✓ <sup>7</sup>
Attachment Service Support Image Viewing (JPEG, BMP, GIF, PNG and TIFF)	✓ <sup>7,8</sup>	✓ <sup>7,8</sup>
Attachment Service Support for Document Info, Tracked Changes	✓ <sup>7,8</sup>	✓ <sup>7,8</sup>
Native File Format Download	✓ <sup>3</sup>	✓ <sup>3</sup>
Attachment Edit (.DOC, .PPT)	✓ <sup>3</sup>	✓ <sup>3</sup>
Support for Audio (.AMR, .WAV, .MP3)	✓	✓
Support for Audio WMA Files		✓
Support for Open Document Format (ODF)		✓

	BlackBerry Enterprise Server Version 4.1 with Service Pack 6	BlackBerry Enterprise Server Version 5.0
<b>Corporate System and Data Access</b>		
BlackBerry® Browser and Corporate Data Access	✓ <sup>9</sup>	✓ <sup>9</sup>
Enterprise Voice Access	✓ <sup>5</sup>	✓ <sup>5</sup>
Remote File Explorer		✓ <sup>4</sup>
<b>Security</b>		
End-to-End Security and AES and Triple DES encryption support	✓	✓
Support for Secure/Multipurpose Internet Mail Extensions (S/MIME)	✓	✓
Device Content Protection, Content Compression	✓ <sup>10</sup>	✓ <sup>10</sup>
Password Keeper, Device Wipe	✓ <sup>10</sup>	✓ <sup>10</sup>
Wireless Encryption Key Regeneration	✓ <sup>2</sup>	✓ <sup>2</sup>
<b>Management/Administration</b>		
Web-Based BlackBerry Administration Service Console		✓
Wireless IT Policies and Commands	✓ <sup>6</sup>	✓ <sup>6</sup>
Wireless BlackBerry Device Software Updates	✓	✓
Group Based Administration	✓	✓
BlackBerry® Web Desktop Manager - available as a download	✓	✓
BlackBerry® Monitoring Service <sup>23</sup>	✓	✓
Role Based Administration	✓	✓
Custom Roles with different levels of access according to employee's roles and permissions		✓
Built in Monitoring with Threshold Analysis Tool and Maintenance Window Support		✓
Job Management for Applications		✓
Throttling		✓
Scheduled Upgrades		✓
BlackBerry Enterprise Transporter		✓ <sup>11</sup>
High Availability		✓
Enhanced Enterprise Activation Diagnostics/Troubleshooting		✓

1. BlackBerry Device Software v2.6 or higher (C++ enabled handhelds) OR BlackBerry Device Software v3.6 or higher (Java enabled handhelds)
2. BlackBerry Device Software v2.7 or higher (C++ enabled handhelds) OR BlackBerry Device Software v4.0 or higher (Java-enabled devices)
3. BlackBerry Device Software v4.5 or higher required
4. BlackBerry Device Software v5.0 or higher required
5. BlackBerry Device Software v2.1 SP4 or higher (C++ enabled handhelds) OR BlackBerry Device Software v3.2.1 or higher (Java® enabled handhelds)
6. BlackBerry Device Software v2.5 or higher (C++ enabled handhelds) OR BlackBerry Device Software v3.6 or higher (Java enabled handhelds)
7. BlackBerry Device Software v2.6 or higher (C++ enabled handhelds) OR BlackBerry Device Software v3.7 or higher (Java enabled handhelds)
8. Supported by Java-enabled devices with color screens only
9. BlackBerry Device Software v2.5 or higher (C++ enabled handhelds) OR BlackBerry Device Software v3.2.1 or higher (Java enabled handhelds)
10. BlackBerry Device Software v3.8 or higher (Java-enabled devices)
11. Included with the BlackBerry Resource Kit (BRK)



# BlackBerry Enterprise Server v5.0

## Offering peace of mind in mission critical environments

BlackBerry Enterprise Server v5.0 introduces a **built-in high availability** architecture which enables fast recovery from unplanned downtime of BlackBerry Enterprise Server components. If the need arises, the new high availability architecture is designed to automatically use the standby components and has the flexibility of being deployed on physical and virtual servers (specifically VMware®). The high availability architecture is designed to give you confidence in your wireless infrastructure, and is easy to deploy, while flexible enough to be tailored to your unique environment.

Through the BlackBerry Administration Service, **enhanced monitoring capabilities** assess the health of your BlackBerry Enterprise Solution helping to keep operations optimized. The **Threshold Assistance Tool** provides system and user level alerting to help administrators choose good values for baseline thresholds to help enable proactive monitoring. By offering more visibility into your wireless platform, IT administrators are alerted before there is a problem.



## Invest in the future

Invest in BlackBerry Enterprise Server v5.0 today and leverage this investment long into the future. Using forward-thinking design principles, BlackBerry Enterprise Server v5.0 was made to grow with your business. As your company grows, you can add more BlackBerry Enterprise Server instances to **support tens of thousands of BlackBerry smartphone users**.

The ability to integrate with BlackBerry products, as well as with products developed by a multitude of partners, helps you expand your wireless infrastructure in a cost-effective way. Because every company is different, this product offers tools and services that administrators can tailor to their organizations. Take advantage of the growing community of developers that have created many services and applications for BlackBerry smartphones.

## Be more productive while on the go

BlackBerry smartphones now offer **more access to desktop features**, helping bridge the gap between employees and the business tools they rely on while out of the office. They can:

- flag important messages in Microsoft® Outlook®\*
- forward calendar appointments\*
- open attachments from calendar appointments\*
- easily access network drives using the remote file explorer, and view or attach files directly from the BlackBerry smartphone\*
- add, rename, delete, or move email folders as necessary\*
- synchronize contacts\*
- listen to WMA files - Microsoft® Office Communicator users can now send, receive, and listen to these files on their BlackBerry smartphones\*

\*Requires BlackBerry Device Software v5.0



## For More Information

about the BlackBerry Enterprise Solution,  
visit [www.blackberry.com](http://www.blackberry.com)



To find out more about third-party solutions, visit [www.blackberrysolutionscatalog.com](http://www.blackberrysolutionscatalog.com)

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