

# General Requirements

BlackBerry® Mobile Voice System (BlackBerry MVS) is designed to unify fixed and mobile voice communications to provide office phone features on BlackBerry® smartphones. Use one business number, one caller ID, one voice mailbox, and more while away from the office. At the same time, IT departments get convenient controls over BlackBerry smartphones, advanced security features, authentication, call-logging, and integration with existing PBX systems.



BlackBerry® Mobile Voice System (BlackBerry MVS) brings office phone features to BlackBerry® smartphones. Work with one business number at the office or while traveling. Enjoy one caller ID, unified voice mail, advanced security, and more with BlackBerry MVS.<sup>1,2</sup>

## BlackBerry Mobile Voice System

Requirements	BlackBerry MVS	BlackBerry MVS in a Cisco Unified Communications Manager 6.1 and later environment
BlackBerry MVS Server Hardware	<ul style="list-style-type: none"> <li>• Rack-mount chassis with redundant power supplies</li> <li>• Intel® Xeon® Dual Core 3.0 GHz (or better) processor</li> <li>• 2 GB RAM or more (4 GB recommended)</li> <li>• Two or more 146 GB (or larger) hot-swap drives that are configured as RAID 1 or better: logical drive with 60 GB primary partition, and an extended partition that spans the remainder of the drive's capacity (configured as the C: drive and D: drive)</li> <li>• DVD drive 24x or faster</li> <li>• Dual on-board NIC</li> <li>• One available PCI-X slot</li> <li>• Intel® PRO/1000 MT Dual Port Server Adapter (P/N: PwLA8492MT) for voice network traffic</li> </ul>	<ul style="list-style-type: none"> <li>• Rack-mount chassis with redundant power supplies</li> <li>• Intel® Pentium® 4; 2 GHz (or better) processor</li> <li>• 4 GB RAM</li> <li>• 40 GB (or larger) hard drive</li> </ul> <p>Optional: VMWare 3.02 or 3.51 Server may be used</p>
Server Software	<p>Windows® Server® 2003 R2 SP2 Standard or Enterprise (32-bit versions only)</p> <p>Microsoft® SQL Server® 2005 SP2 Standard or Enterprise on the BlackBerry MVS Server</p>	<p>Windows Server 2003 R2 SP2 Enterprise (32- and 64-bit versions supported)</p> <p>One of the following data management systems on the BlackBerry Enterprise Server:</p> <ul style="list-style-type: none"> <li>• Microsoft SQL Server 2000</li> <li>• Microsoft SQL Server 2005</li> </ul>
Media Gateway	<p>One or more of the following media gateways:</p> <ul style="list-style-type: none"> <li>• Dialogic® 2000 Media Gateway Series</li> <li>• NET VX1200™</li> </ul>	Not required
Voice Network	<ul style="list-style-type: none"> <li>• Connectivity to the public telephone network</li> <li>• PBX supporting ISDN-PRI (T1/E1) with QSIG signaling protocol</li> <li>• Dedicated VLAN within the voice network</li> <li>• A Direct Inward Dial (DID) for each BlackBerry Mobile Voice System user</li> <li>• 5 additional DIDs for each 100 BlackBerry Mobile Voice System users</li> </ul>	<ul style="list-style-type: none"> <li>• Connectivity to the public telephone network</li> <li>• Supported PBX environment</li> </ul>
BlackBerry® Enterprise Server	<ul style="list-style-type: none"> <li>• BlackBerry Enterprise Server version 4.1 SP5 or later for Microsoft® Exchange</li> <li>• BlackBerry Enterprise Server version 4.1 SP5 or later for IBM® Lotus® Domino®</li> <li>• BlackBerry Enterprise Server version 4.1 SP5 or later for Novell® GroupWise®</li> </ul>	<ul style="list-style-type: none"> <li>• BlackBerry Enterprise Server version 4.1 SP5 or later for Microsoft Exchange</li> <li>• BlackBerry Enterprise Server version 4.1 SP5 or later for IBM Lotus Domino</li> <li>• BlackBerry Enterprise Server version 4.1 SP5 or later for Novell GroupWise</li> </ul>
BlackBerry® Device Software	BlackBerry Device Software version 4.2.1 or later	BlackBerry Device Software version 4.5 or later

For more information on BlackBerry, please visit  
[www.blackberry.com](http://www.blackberry.com)



<sup>1</sup> Requires BlackBerry Device Software v4.2.1 or later; BlackBerry Device Software v4.5 or later is required for use with BlackBerry MVS Server for Cisco Unified Communications Manager v6.1 or later.

<sup>2</sup> Requires BlackBerry Enterprise Server v4.1.5 or later.

© 2009 Research In Motion Limited. All rights reserved. BlackBerry®, RIM®, Research In Motion®, SureType®, SurePress™ and related trademarks, names and logos are the property of Research In Motion Limited and are registered and/or used in the U.S. and countries around the world. Cisco is a trademark of Cisco Systems, Inc. All other trademarks are the property of their respective owners.