



System Requirements for Microsoft® Office Live Meeting from Global Crossing

Before you join the Live Meeting service, ensure that your computer meets the following minimum system requirements.

System Requirements for the Windows-based client

<u>System Component</u>	<u>Minimum Requirement</u>
Display Resolution	<p>Required: Super VGA 800x600</p> <p>Recommended: Super VGA 1024x768 or higher</p> <p>NOTE Microsoft® Windows® XP Tablet PC Edition portrait mode is supported.</p>
Operating System	<p>Windows Vista™ operating system, 32-bit</p> <p>Windows XP Professional with Service Pack 1 (Service Pack 2 recommended)</p> <p>Windows XP Professional x64 Edition in 32-bit mode</p> <p>Windows 2000 Professional with Service Pack 4</p> <p>Windows Server 2003 with Service Pack 1</p>
Computer/Processor	<p>Data and Voice: 500-megahertz (MHz) or higher processor, Intel Pentium-compatible</p> <p>For Webcam video: 1 GHz or higher</p> <p>For Microsoft RoundTable™: 1.8 GHz or higher</p>
Memory	<p>256 megabytes (MB) of RAM</p> <p>Recommended: 512 MB</p>
Disk Space Needed for Installation	125 MB
Video Memory	Video card with 64 MB of RAM (video RAM or VRAM) and Microsoft DirectX® application programming interface generation

For VOIP	Sound card, speaker, and computer microphone
For Sending Video	Webcam or Microsoft RoundTable device
Bandwidth Requirements for Data Only	56 kbps or better (Recommended: DSL or Cable high speed internet access)
Bandwidth Requirements for Voice and Video	Voice 50 kbps (minimum) 80 kbps (high-quality) Webcam 50 kbps (minimum) 350 kbps (high-quality) Microsoft RoundTable 100 kbps (minimum) 700 kbps (high-quality) NOTE The required and recommended bandwidth speeds are cumulative. For example, if you want to use voice, webcam, and Microsoft RoundTable, the minimum bandwidth would be 50+50+100=200 kbps

Other Software	Microsoft Office PowerPoint® 2000 or later presentation graphics program or Microsoft Office Standard Edition or Professional Edition (which includes PowerPoint software) to upload presentations. Adobe® Flash® Player version 8 or higher to view Flash content in the meeting. On Windows Vista, Adobe Flash Player version 9.0.45 to view Flash content in the meeting. Windows Media® technologies player, version 9 or later (version is checked when the meeting client starts) to view Windows Media content in the meeting.
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Recording Playback Requirements

Office Live Meeting Replay format

Flash Player version 8 or higher.

Windows Media® technologies player, version 9 or later (version is checked when the meeting client starts).

NOTE Neither Microsoft Windows Media® Player 9 nor 10 are available on Sun® Solaris™ or Linux®. Windows Media® technologies player, version 9 is available on Apple® Macintosh®.

System Requirements for Live Meeting Web Access

Hardware Requirements

64 MB RAM

Connection to Internet: 56 Kbps modem (DSL, cable, or better recommended)

800 x 600 screen resolution required for meeting attendees

1024 x 768 screen resolution required for presenters

Software Requirements

To run Live Meeting Web Access, your computer must meet the minimum requirements listed in the table below. These are minimum system requirements that have been tested and are supported. Live Meeting Web Access requires a Java™ Virtual Machine (JVM™) to be installed and running. Live Meeting Web Access may load and run correctly on other operating system, browser, and Java™ Virtual Machine combinations, but other combinations are not supported.

<u>Browser</u>	<u>Operating System</u>	<u>Java Virtual Machines</u>
Internet Explorer® 6.0 with SP2	Windows XP SP2	Microsoft Java Virtual Machine (JVM) 1.1, Sun® 1.5.11, 1.6.x
Internet Explorer 7	Windows XP SP2	Sun® 1.5.11, 1.6.x
Internet Explorer® 6.0 with SP1	Windows XP SP1a	Microsoft® JVM 1.1, Sun® 1.5.11, 1.6.x
Internet Explorer 6.0 with SP1	Windows 2000 SP4	Microsoft JVM 1.1, Sun® 1.5.11, 1.6.x
Internet Explorer 6.0 with SP1	Windows 98 SE	Microsoft JVM 1.1, Sun® 1.5.11, 1.6.x
Internet Explorer 7	Windows Vista	Sun® 1.6.x
Firefox 2.0	Windows XP SP2	Sun® 1.5.11, 1.6.x
Safari 2.0™	MAC OS® X V10.4	Apple® Java™ 1.4.2
Safari 1.3™	MAC OS® X V10.3	Apple® Java™ 1.4.2
Mozilla 1.7	Solaris 10™	Sun® 1.5.11, 1.6.x

Other Software

Microsoft Office PowerPoint® 2000 presentation graphics program or later, or Microsoft Office Standard Edition or Professional Edition (which includes PowerPoint software) to upload presentations.

Adobe® Flash® Player version 9 or higher to view multi-media data content slides.

To view slides with audio or video content in the meeting:

- Windows Media® technologies player, version 9 or 10 (version is checked when the meeting client starts) to view Windows Media content in the meeting.
- Apple® QuickTime® player and the Windows Media Components for QuickTime by Flip4Mac™ on the Apple® Macintosh® platform
- Windows Media Player Firefox Plugin when using Firefox on Windows XP