

Microsoft Exchange Server 2007



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Microsoft® Exchange Server 2007 can help you meet today's demands with less complexity and no compromises. Built-in messaging protection safeguards against virus and spam attacks while enabling regulatory compliance. Anywhere access provides Microsoft Office Outlook® familiarity with unified messaging across e-mail, voicemail, calendar, and fax. Operational efficiency improves administrator productivity through simplification and automation while extending infrastructure investments.

Product Overview

An increasing number of businesses are relying on e-mail as their primary, mission-critical communications tool. Easy, rich, and efficient access to e-mail and personal information management (calendar, tasks and to-do lists, and company and personal contacts) increases employee efficiency.

As employee demands and expectations from their messaging system increase, IT departments are looking to deliver a system that balances these demands with security and cost-effectiveness. IT departments must contend with wide-ranging e-mail security threats such as continually evolving spam and viruses, non-compliance risks, the vulnerability of e-mail to interception and tampering, and the effects of natural and man-made disasters.

But above all, IT departments are constrained by cost considerations. They need a cost-effective messaging system that addresses enterprise and employee needs. This system must be efficient to deploy, provide a high return on investment, and increase the productivity of the messaging administrator.

Microsoft® Exchange Server 2007 seeks to address all of these needs. It has been designed specifically to help meet user demands on the messaging system and the challenges of security and cost. The new capabilities of Exchange Server 2007 deliver the advanced protection your company requires, the anywhere access your employees want and the operational efficiency your IT department needs.

Product Highlights

Built-in Protection for the Company

Exchange Server 2007 offers built-in protective

technologies to keep your business moving, reduce spam and viruses, enable confidential communications, and help compliance. These features can be configured to run on-site or as hosted services on the Internet.

- **Anti-Spam and Anti-Virus.** Built-in defenses against spam and phishing e-mail and new anti-virus filtering and scanning capabilities provide broad protection.
- **Confidential Messaging.** Automatic intra-org encryption and enhanced support for IRM (Information Rights Management) help protect the confidentiality of messages traveling within the enterprise.
- **Compliance.** Message transport and storage rules can control routing, encryption, and retention to meet organizational and regulatory compliance requirements.
- **Business Continuity.** New data replication capabilities (local and clustered) keep the system highly available while limiting the need and frequency for tape backup.

Anywhere Access for Employees

With Exchange Server 2007, employees get anywhere access to their e-mail, voice mail, calendars, and contacts from a variety of clients and devices.

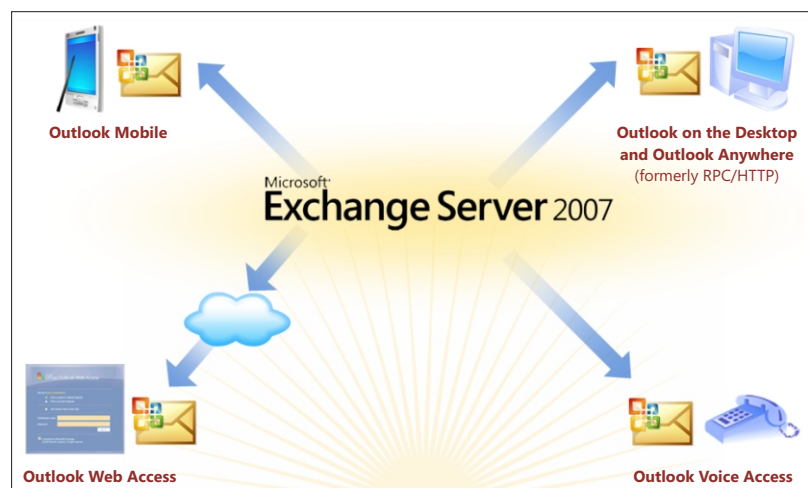
- **Collaboration and Productivity.** Enhanced calendaring, out of office, resource booking, and meeting scheduling capabilities simplify

- **Web-Based Messaging.** A rich Outlook-like experience from any Internet-connected computer with a supported browser provides encrypted access to the inbox, powerful search capabilities, and the ability to view different types of attachments.
- **Mobile Messaging.** Exchange ActiveSync delivers an improved Outlook e-mail and calendaring experience on mobile devices, while offering enhanced device and security policy control.

Operational Efficiency for IT

Exchange Server 2007 enables new levels of operational efficiency through capabilities that optimize hardware and networking investments. Exchange Server 2007 also contains features that help make administrators more productive.

- **Performance and Scalability.** Server consolidation and improved storage efficiency are achieved through the extended memory and larger caches of 64-bit systems; more efficient routing algorithm ensures best use of bandwidth.
- **Administration.** New interfaces offer easy manageability and increased automation while integrated tools simplify maintenance.
- **Deployment.** Modular setup and server provisioning based on server roles, along with capabilities to automatically discover Outlook



and mobile clients simplify deployment.

- **Extensibility and Programmability.** New Web services-based API and .NET integration via Exchange Management Shell tasks enables rapid development for custom and third party applications.

collaboration and increase output.

- **Unified Messaging.** New Exchange Unified Messaging goes beyond e-mail to deliver more types of communications to the inbox, including voicemail and fax. It also offers new capabilities such as inbox access from a regular phone.

The Outlook Experience

Exchange Server 2007 integrates with the broadest range of clients. It supports the complete Outlook experience, integrates with SharePoint and other Office applications, as well as third party systems and devices.

Exchange Server 2007 Beta 2 System Requirements

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Note: Beta System Requirements are subject to change.

Component	Minimum Requirement
Processor	<ul style="list-style-type: none">• 32-bit Version Trial:<ul style="list-style-type: none">• Intel Pentium 800 (MHz) or higher processor• 64-bit Version Trial:<ul style="list-style-type: none">• x64 architecture-based computer with:<ul style="list-style-type: none">• Intel Xeon or Intel Pentium Family processor that supports Intel® Extended Memory 64 Technology (Intel® EM64T) or• AMD Opteron or AMD Athlon 64 processor that supports AMD 64 platform
Operating System	<ul style="list-style-type: none">• 32-bit Version Trial:<ul style="list-style-type: none">• Microsoft Windows Server 2003 SP1 or Microsoft Windows Server 2003 R2, Standard or Enterprise Editions• 64-bit Version Trial:<ul style="list-style-type: none">• Microsoft Windows Server 2003 x64 or Microsoft Windows Server 2003 x64 R2, Standard or Enterprise Editions
Memory	1 gigabyte (GB) of RAM minimum, 2 gigabytes (GB) of RAM recommended
Available Hard-disk Space	You need: <ul style="list-style-type: none">• At least 1.2 GB on the hard disk where you install Exchange Server 2007.• Additional 500 MB of available hard-disk space is needed per language if installing language packs for Unified Messaging beyond those included in the default installation.• Additional space is needed when using Local Continuous Replication or Cluster Continuous Replication. The amount of space required depends on the size of the storage groups being replicated.• 200 MB on the system drive.
Drive	DVD
File Format	Disk partitions must be formatted for the NTFS file system, not the file allocation table (FAT) file system. This requirement applies to: <ul style="list-style-type: none">• System partition• Partition storing Exchange Server binaries• Partitions containing transaction log files• Partitions containing database files• Partitions containing other Exchange Server files
Prerequisite Software Required	<ul style="list-style-type: none">• Microsoft .NET Framework Version 2.0• Microsoft Management Console (MMC) 3.0• Windows PowerShell (for Exchange Management Shell) <p>Should these prerequisites not be installed, the Exchange Server 2007 setup process will prompt and provide links to the installation location. Internet access will be required if the prerequisites are not already installed or available on a local network.</p>

Additional Software Required to Use Specific Features in Exchange Server 2007

- Windows XP Service Pack 2 or later and Windows Server 2003 for HTTP access from Outlook 2003 and Outlook 2007

Note: You must install the latest updates for Windows XP, Windows Server 2003, and Outlook 2003.

Technical Resources

- Exchange Server 2007 Preview Site: <http://www.microsoft.com/exchange/preview/>
- Exchange Server TechCenter: <http://www.microsoft.com/technet/prodtechnol/exchange/>
- Exchange Server Webcasts: <http://www.microsoft.com/events/series/tnexchangeserver.mspix>
- Exchange Server Virtual Labs: <http://www.microsoft.com/technet/traincert/virtuallab/exchange.mspix>
- Exchange Product Team Blog: <http://www.msexchange.net/>