

Microsoft
Exchange Server 2007

Syntax, Inc.

Exchange Server 2007

Overview Presentation

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Operational Efficiency

Optimized for performance and scalability

- Simplified server routing
- Fast and accurate search
- Native 64-bit architecture
 - Superior performance
 - Improved storage efficiency

64-bit by the numbers

32-bit = 2^{32} or 4 gigabytes of addressable memory

64-bit = 2^{64} or 16 exabytes of addressable memory

“The average corporate user generates and receives about 84 e-mails per day which require about 10 MB of storage on a daily basis. And by 2008, e-mails will require about 15.8 MB of space daily.”

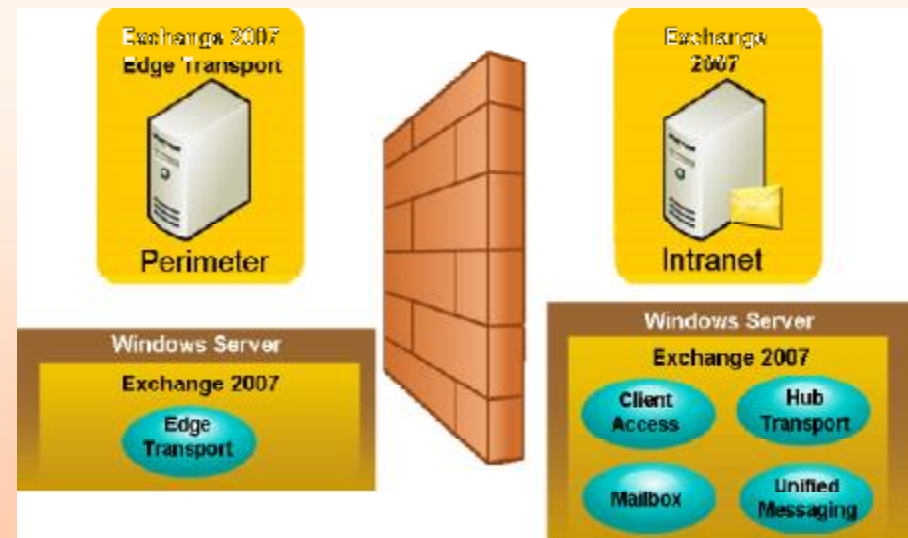
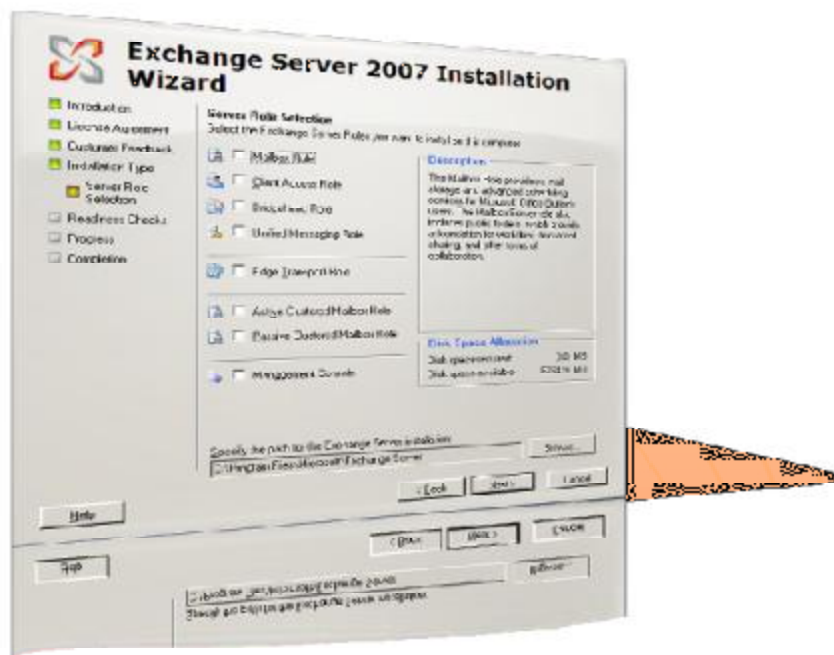
- Radicati Group, 2006

Operational Efficiency

Easier and more flexible management

“There will be 1.4 billion mailboxes by the end of 2006 and that number will grow to 2.2 billion mailboxes in 2009, an average annual rate of 16%.”

- Study from Radicati Group, 2005



- Modular setup based on server roles; smart default settings
- Automatic configuration with Outlook
- New web services enable rapid development

Operational Efficiency

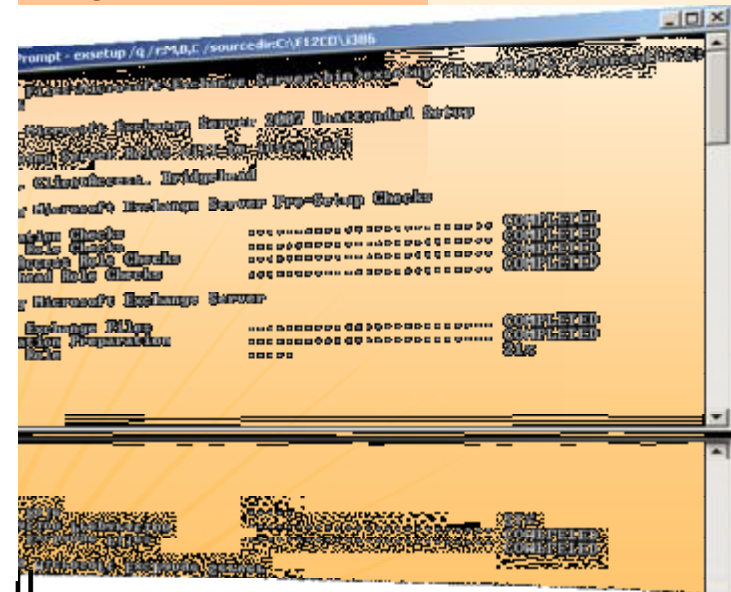
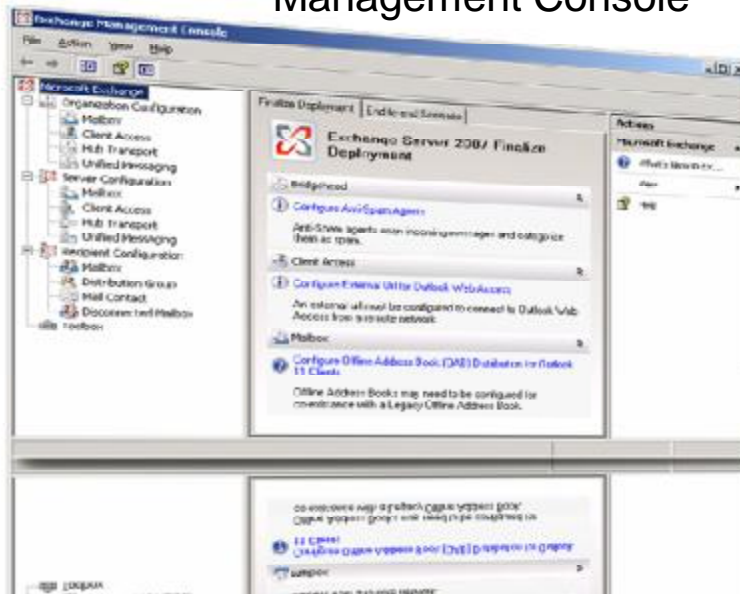
Greater administrator productivity

“IT professionals spend up to 70 percent of their time maintaining existing systems.”

- Accenture Study, 2004

Exchange Management Console

Exchange Management Shell



- Improved, more intuitive management GUI
- Powerful command line shell supports automation and batching

Built-in Protection

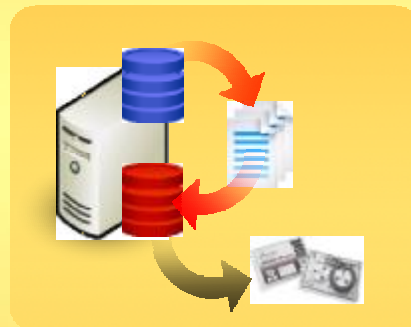
Enterprise-class availability at lower cost

“80% of organizations surveyed felt that access to e-mail was more important than the telephone...74% believed being without e-mail would present a greater hardship than losing telephone service.”

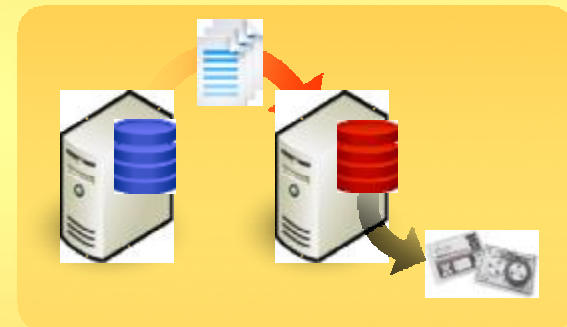
- Meta Group Survey, 2003

- On-site or off-site data redundancy
- Reduced archival backup requirement
- Improved user self-restore

Local Continuous Replication



Clustered Continuous Replication



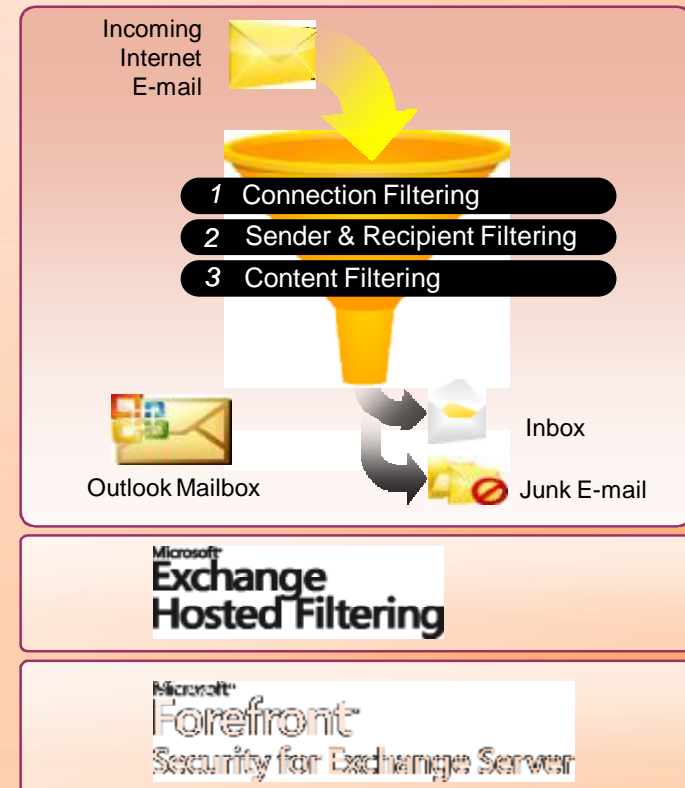
Built-in Protection

Protection from internal and external threats

In 2004, 78% of organizations were hit by viruses, and 37% reported unauthorized access to information.

- CSI and FBI Computer Crime and Security Survey, 2004

- Antivirus and anti-spam protection
 - At the perimeter (DMZ)
 - Hosted
 - Behind the firewall
- Automatic encryption support
 - Client to server
 - Server to server
 - Internet e-mail
- SSL Web access out-of-the-box



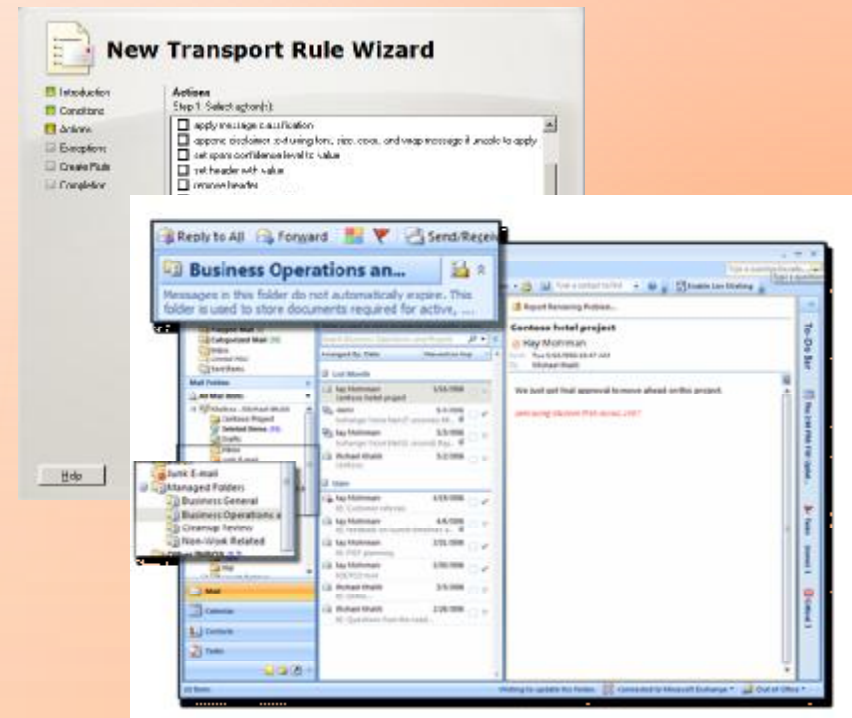
Built-in Protection

Simplified compliance for the organization

“24% of organizations have had employee e-mail subpoenaed by courts and regulators, and another 15% of companies have gone to court to battle lawsuits triggered by employee e-mail.”

- Workplace E-Mail, Instant Messaging & Blogging Survey, AMA & The ePolicy Institute, 2006

- Control mail flow on the server
 - Inspect headers and contents
 - Take action (add disclaimer, bounce, classify, encrypt,...)
 - Apply narrowly or broadly
- Control mail retention
- Search across many mailboxes at once for efficient discovery



Anywhere Access

Outlook experience from desktop to mobile devices

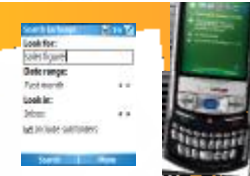
“By 2007 “telework” will be practiced by more than 60 million people...”

- Gartner Management Update 2004

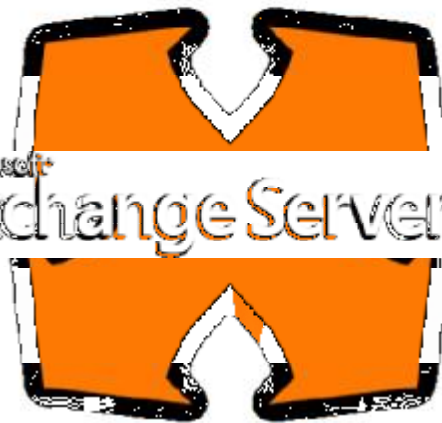
Microsoft
Office Outlook



Microsoft
Office Outlook
Mobile



Microsoft
Exchange Server 2007



Microsoft
Office Outlook
Voice Access



Microsoft
Office Outlook
Web Access

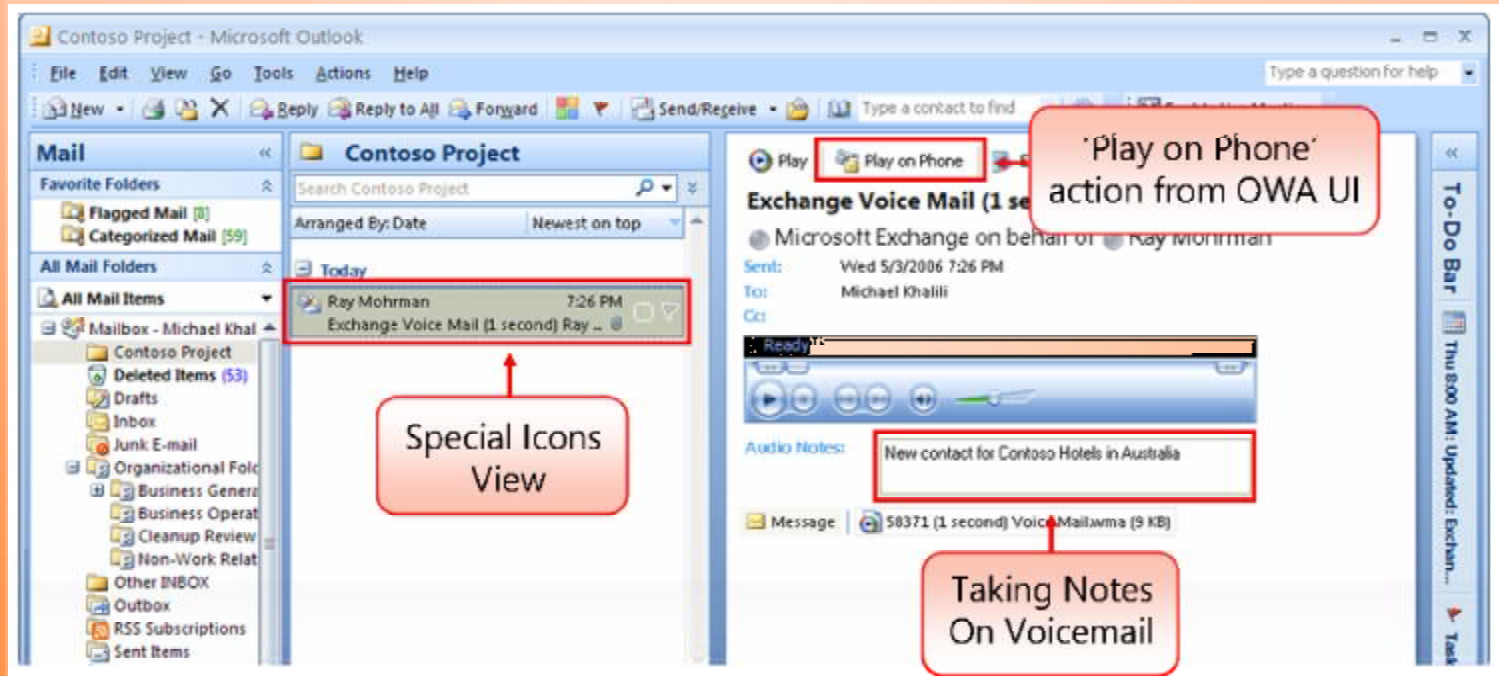
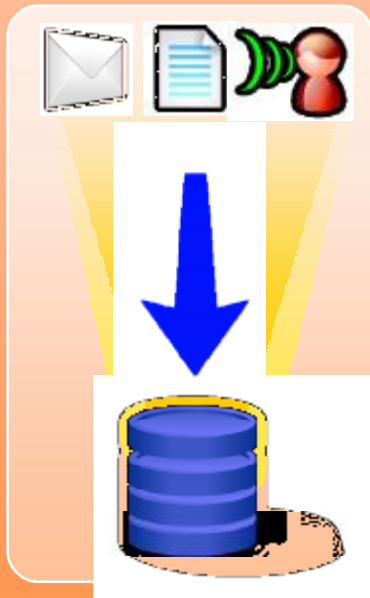
- Built-in: no special server or services required
- Rich access for the many, not the few

Microsoft
Exchange Server 2007

Anywhere Access

Unified messaging solution

- Single inbox for e-mail, voice mail, and fax
- Voice access from regular phone
- Speech-enabled auto attendant



“7 out of 10 phone calls go direct to voicemail”

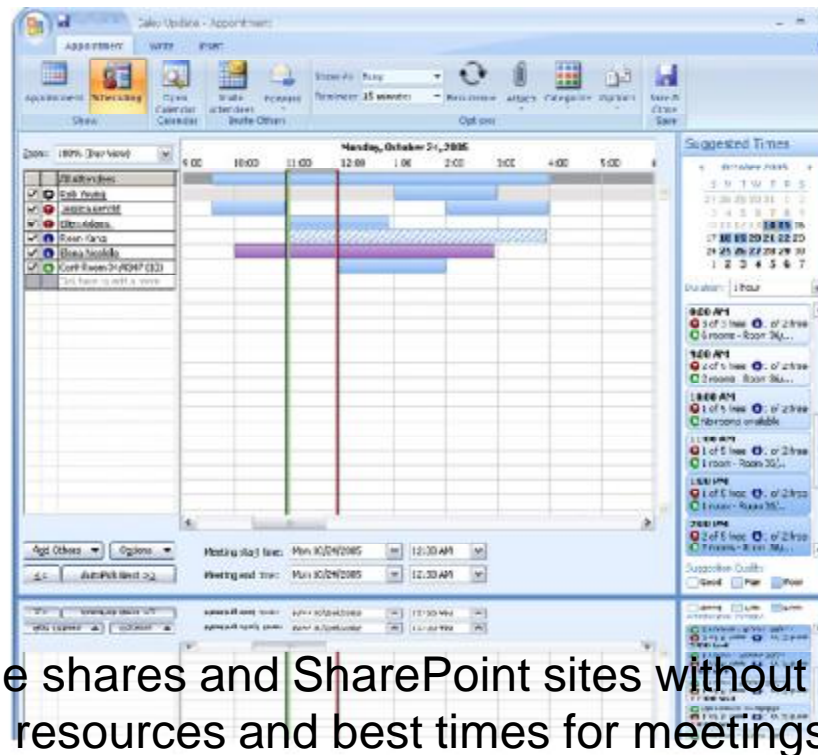
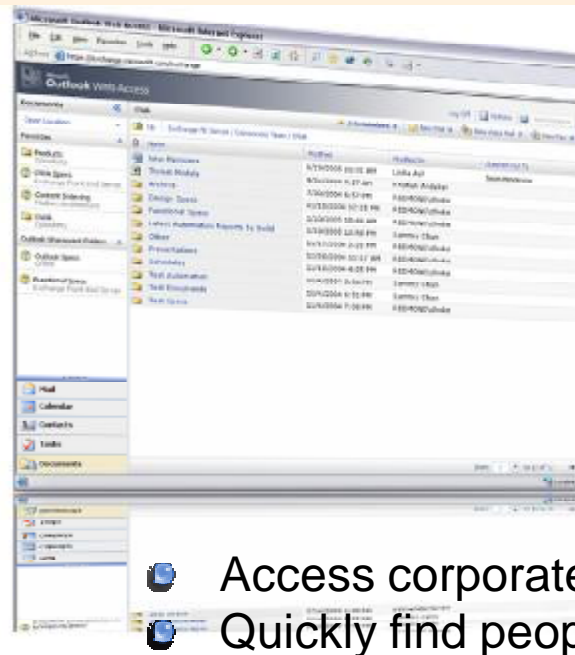
- Gartner (“The Knowledge Worker Investment Paradox”, 2002)

Anywhere Access

Efficient collaboration: meetings and document sharing

28% of workers surveyed said that using the right collaboration tools at work would save them up to five hours each week.

- Survey by Harris Interactive, 2004



- Access corporate file shares and SharePoint sites without VPN
- Quickly find people, resources and best times for meetings
- Streamline resource management through Web-based interface

Technical Information

Upgrade Process

Transition is the scenario in which you upgrade an existing Exchange organization to Microsoft Exchange Server 2007. To perform the transition, you must move data from the existing Exchange servers to new Exchange 2007 servers. For example, when upgrading from an Exchange Server 2003 or Exchange 2000 Server organization to an Exchange 2007 organization, you perform a transition.

When transitioning to Exchange 2007, you cannot perform an in-place server upgrade on an existing Exchange server. Instead, you must install a new Exchange 2007 server into the existing organization, and then move data to the new Exchange 2007 server.

You cannot upgrade an existing Exchange Server version 5.5 organization to Exchange 2007. You must first migrate from the Exchange Server 5.5 organization to either an Exchange 2003 organization or an Exchange 2000 organization, and then you can transition the Exchange 2003 or Exchange 2000 organization to Exchange 2007.

Technical Information

Server Requirements – Multi-Role Server

Processor - 4 cores

Memory	-	Minimum	4GB/Server
		Recommended	<i>4GB +2MB to 5MB/Mailbox</i>
		Maximum	8GB/Server

Multi-Role can support in excess of 1500 mailboxes.

Multi-Role CANNOT be used for clustering.

Licensing Solutions That Fit

Exchange Server 2007 Editions

	Standard Edition	Enterprise Edition.
	\$699	\$3,999

Feature

	Standard Edition	Enterprise Edition
Storage Groups	5 storage groups	50 storage groups
Database Support	5 databases	50 databases
Database Storage Limit	16TB	16TB
Single Copy Clusters	Not supported	Supported
Local Replication	Supported	Supported
Cluster Replication	Not Supported	Supported
Stand-by Replication	Supported	Supported
Message Records Mgmt	Default Folders	Custom & Default

Licensing Solutions That Fit

Exchange Server 2007 CAL Offerings

Feature	Standard CAL \$67	Enterprise CAL \$25/year	Combined
E-mail, shared calendaring, contacts, tasks, management	Yes	No	Yes
Outlook Web Access	Yes	No	Yes
Exchange ActiveSync	Yes	No	Yes
Unified Messaging	No	Yes	Yes
Per-user/Per-distribution List Journaling	No	Yes	Yes
Managed E-mail Folders	No	Yes	Yes
Exchange Hosted Filtering	No	Yes	Yes
Forefront Security for Exchange Server	No	Yes	Yes

NOTE 1: Must purchase Standard CAL. If one uses Enterprise, then all must use.

NOTE 2: No CAL grants the right to use Outlook 2007.