

10 Reasons to Upgrade to Exchange Server 2003 with KVS, MailMeter and Transam

The new version of Exchange 2003 will provide IT managers and information workers breakthrough advances in system performance and productivity. These are the top ten reasons to upgrade or migrate to Exchange using KVS, MailMeter and Transam

1) Immediate increase in user productivity. Improvements in the next version of Microsoft Outlook®, code-named "Outlook 11," and Outlook Web Access (OWA) offer:

- Faster e-mail access and an intuitive user interface.
- Greatly improved Outlook 11 and OWA performance that enables high productivity for mobile workers connecting over low-bandwidth, latent connections such as General Packet Radio Service (GPRS), 1xRTT, and dial-up connections.
- HTTP access from Outlook 11 that reduces the need for a virtual private network (VPN) connection when used with Microsoft Windows® Server 2003 and that enables single-URL access for Outlook 11, OWA, and mobile devices.
- Eliminate PST Files - Let Enterprise Vault manage the older Archived emails.
- Users can search the Enterprise Vault Archive with "instant" results.
- Users can quickly find emails in the archive that they may have deleted by "accident" from their mailbox.
- Offline Vault - Automates the retention of older items from OST files, but without the downsides of PSTs and at the same time keeping a central copy.
- Enterprise Vault automatically manages user mailbox growth to keep them within quota, so users do not have to waste time cleaning up their mailboxes.
- Seamless integration of archived information from Email and SharePoint - User can search all archives from one client (typically Outlook).
- Monitor email usage using MailMeter and help to increase productivity by reducing unproductive email sending.
- Increase manageability of server storage by decreasing non-critical images and files using MailMeter to track email usage and release expensive and wasted storage space.

2) Increased productivity for IT staff. Administrators can save time and increase productivity with:

- Single-seat administration for Exchange and infrastructure through Active Directory® directory service.
- Instantaneous, online snapshot and backup of Exchange databases and storage groups with Windows Server 2003 Volume Shadow Copy service and Exchange 2003.
- Single mailbox restoration.
- Enterprise Vault provides fast Single Message restoration right up to complete mailbox restoration. This makes "brick level" restoration much quicker for the administrator, and typically it is done by the user, and so dramatically reduces the need for IT staff to provide resources to recover "lost" emails.
- Eliminate PST files and the File Servers needed to store them - Reducing administration overhead and backup costs (in fact Microsoft does not support

PST files other than on the local device so all network File Server solutions are unsupported).

- Reduce the size of the Primary Storage so that Backup and Restore procedures are simple and fast.
- KVS administration tools are Microsoft Management Console "Snap Ins" so will be very familiar to an existing Exchange Administrator, and they harnessing the same AD for users and user groups.
- EV automatically manages user mailbox growth to keep them within quota, so administrators do not have to waste time fighting "space wars" with users.

3) **Faster, safer migrations and deployment.** Exchange 2003 makes upgrading easier with:

- More checks to ensure that your earlier environments have been correctly prepared before native Exchange Server 5.5 upgrades.
- Connection Agreement Wizard that automatically creates recommended agreements between Exchange 5.5 and Active Directory.
- Public folder migration and administration tools.
- Let Enterprise Vault Archive the bulk of the data before you upgrade.
- Reduced Risk.
- Much Faster moving of Mailboxes (less data to move) - Reduces Deployment Project Time significantly.
- Efficient use of Storage (Reduces Storage required during Upgrade).
- Users can seamlessly access their archives from both Exchange environments during the migration phase, and no archive data needs to be moved.
- Optimises single instancing of archived information, which may be lost on upgrade.
- MailMeter allows you to remove all non essential emails from the Exchange server before the upgrade or migration takes place, reducing the number of emails that need to be transferred.

4) **Reduced cost.** Exchange 2003 offers better server and site consolidation with more mailboxes per server as well as:

- Increased performance between Outlook 11 clients and Exchange 2003, decreasing the need for more expensive high-bandwidth connections.
- Support for four-node and eight-node clusters when used with Windows Server 2003, Enterprise Edition or Windows Server 2003, Datacenter Edition.
- Improved performance on replication traffic when used with Windows Server 2003.
- Total Cost of Ownership (TCO) reduced with KVS Enterprise Vault
- Automatic control of Mailbox Growth enabling greater consolidation of users per server.
- Enterprise Vault maintains Single Instance of Messages - improves over single instancing within Exchange 2003 store and, together with compression, provides Massive Storage savings over PST files.
- Can take advantage of lower cost storage for Archived message store such as NAS and ATA Disks.
- Users can recover their own "lost" messages. Messages and Mailboxes can be recovered from Archive - No more searching through Backup Tapes.

- 5) **Enhanced security.** To uphold the view of the Microsoft Trustworthy Computing initiative, Exchange 2003 and Windows Server 2003 share the goal to be secure by design, secure by default, and secure in deployment. Exchange 2003 protects your messaging environment better with:
 - Improved junk mail controls that provide support for real-time blacklists and help to minimize spam.
 - S/MIME support and automatic logoff after inactivity in OWA.
 - KVS Enterprise Vault ensures that the corporate Intellectual Property held in emails and their attachments is maintained centrally under the control of the business eliminating the practice of storing PST files on individual machines which are vulnerable and easily "lost".
 - EV security is NT security, so no separate security infrastructure.

- 6) **Increased server availability and reliability.** Get improved virtual memory management and support for four-node and eight-node clustering with Windows Server 2003. Speed bulk mailbox recovery with:
 - End-to-end Outlook monitoring.
 - Improvements in the Exchange System Manager.
 - Mailbox Recovery Centre.
 - Virtual Memory Storage group.
 - KVS Enterprise Vault reduces the need to have very large Exchange Message Stores on the expensive, highly available, primary Storage.
 - Maintain a high level of Service Level Agreement (SLA) against the background of massive Email Growth.
 - Faster Backups and Restore times
 - Users can recover individual messages as well as whole mailbox recovery without consuming IT resources

- 7) **Improved manageability increases server availability.** Proactively manage, monitor, and troubleshoot with Microsoft Operations Manager Exchange Management Pack and get:
 - 1,700 out-of-the-box rules.
 - Built-in Microsoft Knowledge Base.
 - KVS Enterprise Vault provides the tools to proactively manage the storage requirements and ensure the efficiency of the Exchange Server.
 - Gain control of the whole Exchange (Messaging and Collaboration) environment and its contents.

- 8) **Anytime, anywhere access.** Step into the age of the wall-less office with:
 - Built-in remote synchronization support for Windows-powered mobile devices such as Pocket PC, Pocket PC Phone Edition, and Smartphone.
 - xHTML (WAP 2.0), cHTML, and HTML browser-based devices and mobile devices that enable access to Exchange 2003.
 - Ubiquitous client access using a single URL for all external client types such as Outlook, OWA, and mobile devices.
 - Information on your Pocket PC that is always up-to-date.
 - KVS Enterprise Vault Archived information can be accessed through OWA or other Web based tools.

- KVS' "Offline Vault" capability allows laptop user access to archive information automatically even when "on the move" without the need for user managed PST files.
- 9) **Capitalise on existing technology and infrastructure.** Stay within your budget because Exchange 2003 can:
- Co-exist with Microsoft Windows NT®, Windows 2000, Exchange 5.5, and Exchange 2000.
 - Run on either Windows 2000 Service Pack 3 (SP3) or Windows Server 2003.
 - Connect and share information with other directories by using Microsoft Metadirectory Services and Active Directory service.
 - KVS will work with Exchange 5.5, Exchange 2000 and Exchange 2003 as well as SharePoint and other File Systems.
 - With KVS Enterprise Vault you can search on archived information from Exchange,
 - SharePoint and File Systems
 - With KVS Enterprise Vault you can take advantage of Secondary, Lower Cost, storage devices for the longer-term storage of emails ensuring you meet the retention requirements of your business and eliminate the need for File Servers for PST files.
- 10) **Collaborative application development.** Enable line-of-business applications and other programs to securely access Exchange data and to provide integrated workflow scenarios and Web services.
- KVS provides a number of workflow based applications to automate the Process of Legal Discovery and Compliance with Legislation to ensure that companies meet their corporate responsibilities.
 - Enterprise Vault assists in management of both data and information aspects - reducing Exchange stores, PST files, archiving of old SharePoint documents and older fixed data etc helps deal with that set of data and gives the benefit of reduced storage costs, whilst at the same time through indexing and provisioning of information to end users.
 - Also the provision of knowledge mining tools and unified archive views (Archive Explorer etc) enhances the value of the information held within that set of managed data.

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