

Mimosa NearPoint™ for Microsoft® Exchange Server

Immediate fine-grained recovery and self-service archival access for Microsoft Exchange Server

Feature	Benefit
Core Technologies	
NearPoint Deployment Advantage™	Solution can be deployed in hours, not days, utilizing standard hardware components.
Zero Footprint Deployment	Rapid deployment capability by not having to install agents on production Exchange Servers and not having to deploy software or clients to desktops.
Many-to-One Server Management	Multiple Exchange Servers can be managed by one NearPoint server allowing for centralized control.
Industry Standard Hardware	Simple to deploy by leveraging standard Windows Servers and archive grade storage.
Microsoft Cluster Server (MSCS) Support	Exchange Servers in an Active / Passive MSCS configuration can be managed by NearPoint.
Indexed Object Repository	Data Protection, Mailbox Extension, and Archiving leverage a common data store that is full-text indexed, providing a rapid search capability across different axis.
Single Instance Storage (SIS)	Storage requirements on the NearPoint server are further reduced by enhancing basic Exchange SIS. NearPoint SIS detects duplicates of body or attachments in email across Exchange servers, Information Stores and message threads across time and stores a single instance resulting in highly optimized NearPoint storage.
Common Data Repository	Only one copy is maintained for all data management functions: data protection, archiving, and mailbox extension, negating the need to have 3 separate repositories.
Compression	Storage space is further optimized on the NearPoint server by leveraging software compression.
Relational Database for Metadata storage	Leverages Microsoft SQL Server Desktop Engine (MSDE) or can leverage existing Microsoft SQL Server to store metadata information for the NearPoint repository.
Unified Management Console	All administrative operations can be performed from a single integrated Microsoft Management Console (MMC) based user interface.
Real-time Monitoring	View real-time activity of operations occurring on the NearPoint server, via the MMC console.
Auto Storage Group and Mailbox Detection	As new storage groups and mailboxes are added to the Exchange Server, NearPoint jobs can auto detect and apply default policies accordingly, all without administrator intervention.
Role Based Security	Administrators have the flexibility to define levels of access for end-users and auditors. They can enable end-users to perform self-service restores, grant them access to select folders for exclusion from Mailbox Extension, and allow them to delete messages off the NearPoint server, Exchange Server, or both.
Alerting	Informational, Warning, and Critical alerts are automatically sent to the Windows Event Log.
Email Notification	Completion results of scheduled tasks such as Shadow job, Mailbox Extension, and Disposition job can be sent via email.
Reporting	Rolled up summaries of daily or weekly tasks can be viewed on screen or sent via email.
Flexible Scheduling	Tasks can be scheduled at the Server, Information Store, or Mailbox level allowing for load balancing and minimization of impact to resources.
Active Capacity Planner	Automatically scans Exchange Servers and provides recommendations on storage capacity needs for NearPoint server and space savings that can be realized on the Exchange Server by utilizing Mailbox Extension.
Interactive Capacity Planner	Based on administrator inputs, provides recommendations on storage capacity needs for NearPoint server and space savings that can be realized on the Exchange Server by utilizing Mailbox Extension.

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Data Protection	
Continuous Application Shadowing	By Leveraging Log Shipping and Dynamic Log shipping, Exchange databases are continually updated on the NearPoint server, throughout the day, eliminating backup windows.
Single Pass Protection	Database level and individual mailbox/message restores can be performed with a single protection pass.
Smart Extraction	Extraction of items from Exchange databases is performance optimized on the NearPoint server by intelligently staggering the processes to avoid performance bottlenecks.
Folder Excludes	Save storage space by excluding folders such as "Junk Mail" from data protection policies.
Automatic Mailbox Protection	As new mailboxes are added to the Exchange Server, they will automatically be detected by the NearPoint server and incorporated into existing policies.
Point-in-Time Restore	Since Transaction Logs are continuously being captured and applied on the NearPoint server, point-in-time restores can be done from the last Transaction Log update to the latest point in time. This can be done at the database or mailbox level.
Immediate Recovery	Since the NearPoint copy of the Exchange data is a shadowed copy of the live Exchange Server, restoring an Exchange database is as quick as a disk-to-disk copy.
User Self-Service Retrieval	Within Outlook or Outlook Web Access, end-users can intuitively search and retrieve or restore protected email messages.
Search Across Time	End-user can be more effective by narrowing the scope of a search to a specific point-in-time view of their protected data (e.g. as of last month, last year, etc.).
Search Anywhere	From a simple search window, powerful searches can be done by end-users across the entire protected data repository and across all time.
Redirected Restores	Allows administrators to easily move mailboxes to a different Exchange Server.
Mailbox Merge Restores	Restores can be performed into live mailboxes and restore only the new messages, minimizing overall restore times and minimizing data transfers.
Public Folder Restore	Allows administrators to restore all Public Folders (database level) to a live Exchange Server.
Virus and Spam Decontamination	Administrators can quickly and easily decontaminate the NearPoint server and Exchange Server of email viruses and spam by utilizing the search and delete capabilities.
User Email Deletion from NearPoint	Administrators can enable, based on corporate policy, the ability for users to delete messages out of the NearPoint data repository.
Tape Backup Co-existence	Co-existence with tape backup systems allows for easier deployments and comprehensive data protection.

Archiving	
General Archiving	Ensure proper storage and accessibility of historical corporate emails at all times.
Complete Message Context Capture	All message context such as folder location, flags, rich text and settings are captured and preserved ensuring proper email representation.
Complete Message Lifecycle Capture	Message lifecycle such as replies, forwards, edits, opens, deletes, and folder changes are captured ensuring proper email representation.
Guaranteed Message Authenticity	Meet regulatory requirements, as message authenticity on the NearPoint server is guaranteed via time stamping and digital signatures.
Email Retention and Disposition	Define policy based rules to ensure emails are kept for the required duration, meeting regulatory requirements, and then deleted permanently. Retention can be defined based on deletion data (data protection based) or creation date (archiving based).
Suspend Disposition	In the event of an audit or investigation, a single check-box can suspend all disposition activity until the process is complete.
Auditor Roles	Empower auditors to perform self-service audits by granting them access to browse and search access across multiple mailboxes.
Search Across Time	Auditor searches can be more effective by narrowing the scope of a search to a specific point-in-time view of their archive (e.g. as of last month, last year, etc.).
Search Anywhere	From a simple search window, powerful searches can be done by an auditor across the entire archive and across all time.
Message Thread Recreation	End-users and auditors can re-construct complex message threads and conversations across time and across servers, providing an accurate context for searches.
Auditor Restores	Auditors can easily restore messages that have been identified in the searches, to a mailbox for easy storage and classification.
Auditor Archive Deletion	Auditors can be enabled to delete emails from the archive that are not compliant with corporate policies (e.g. spam messages).
Journal Archiving	Leverage Microsoft Exchange Journal to ensure all ingoing and outgoing messages and Calendar items for designated employees are captured, meeting regulatory requirements.
Journal Purging	Storage growth on the Exchange Server is minimized when using the Journal feature as the NearPoint server automatically purges the Journal after the data is copied over.

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Mailbox Extension	
Optimize Exchange Storage	Administrator defined policies migrate messages from the Exchange Server and onto the NearPoint server based on age, size, or mailbox size watermarks. Minimize the amount of high cost primary storage required by Exchange.
Seamless Viewing and Retrieval	Email messages that have been extended can be seen normally through Outlook. Double-clicking the attachment automatically retrieves the extended attachment for viewing.
Extended Mail Forwarding	User productivity is not impacted by having messages extended. They can forward, reply, etc. to extended messages, just as they could with any standard email message.
Folder Excludes	Save storage space by excluding folders such as "Junk Mail" from Mailbox Extension policies.
Message Class Excludes	Save storage space by excluding message classes such as "Contacts" from Mailbox Extension policies.
End-User Excludes	Ensure critical mail is available for off-line uses by allowing them to exclude folders from Mailbox Extension. This is enabled by the administrator.

Minimum System Requirements		
NearPoint Server <ul style="list-style-type: none"> • Windows Server 2003 • Pentium III or higher • 1GB RAM or higher • SQL Server 2000 SP3 A (Optional) 	Exchange Server <ul style="list-style-type: none"> • Exchange 2000 SP3 • Exchange 2003 SP1 Recommended Disk Array Storage <ul style="list-style-type: none"> • Archive Grade or Higher (SATA, IDE etc.) • ~ 3x total Exchange Storage 	Clients <ul style="list-style-type: none"> • Windows 2000 Professional SP4 (IE 6.x) • Windows XP Professional SP1, SP2 (IE 6.x) • Outlook 2000, 2002, 2003, Outlook Web Access (OWA)

ABOUT MIMOSA SYSTEMS

Mimosa Systems™ provides immediacy, discovery & continuity for enterprise information. We combine fine-grained, immediate recovery with self-service archival access for messaging and similar data, leveraging cost-effective disk technologies. Mimosa NearPoint™ for Microsoft Exchange unifies data protection, mailbox extension and archiving in a single solution, assuring email continuity and regulatory compliance.

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