

Mimosa NearPoint File System Archiving (FSA)

Automated Management and Retention of File System Content

The widespread use of unstructured electronic files (such as Microsoft® Office, Adobe® PDF, and others) is creating a critical management challenge for enterprise organizations. System administrators responsible for protecting and managing unstructured information are facing rapid storage growth and shrinking backup windows that reduce overall data protection and increase storage costs. Meanwhile, one of the most common places for end-users to store content is on network file systems. There is the perception of safety—content is stored on a company server insulated from a desktop hard drive crash—and of central management because the content is off the desktop. But, file systems are not managed content repositories with library services, indexes, and version control. On the contrary, file system content is virtually unmanaged and presents huge challenges to organizations:

- Storage costs soar out of control as high-end production systems grow unfettered with old data and various users store multiple copies of the same content.
- Files corresponding to a specific user role or department are not retained and can be deleted by end-users.
- eDiscovery costs are high due to un-indexed content, siloed collection efforts and redundant content processing and review.
- Risks increase due to potential sensitive information (e.g. Intellectual property, salary data, and patient health data) unknowingly residing on file systems.

as type, size, and age. NearPoint utilizes advanced stubbing technology that optimizes use of network resources and storage during stub file operations. Thus NearPoint FSA enables significant reduction in expensive production storage.

In addition, NearPoint gives users the ability to search for archived files alongside archived email content directly in the Outlook interface. This speeds access to information because users have one unified interface in which to search and browse for files and emails—while NearPoint ensures that access is limited to only those files users have permission to access.

Key Benefits

- Achieve significant storage cost savings by moving files off high-end production storage
- Proactively preserve select files and enforce retention and disposition policies on files
- Lower the risk and costs of eDiscovery by proactively preserving files that can be searched from a single user interface alongside messages and attachments in a unified archive
- Dramatically reduce archive storage needed by leveraging a common backend with de-duplication (global single instancing) across files, email attachments, and other content types
- Achieve consistent retention policy application across emails, IMs, and files and SharePoint items from one administrative interface

NearPoint File System Archiving

With NearPoint FSA, administrators can easily set policy to scan file shares and capture files based on archival policies. Captured files are indexed and archived; NearPoint will then de-duplicate across multiple file shares, as well as across messages and attachments for true global single instancing across content sources. Thus NearPoint FSA enables retention/disposition policies of targeted files and enables search and eDiscovery of files in the corporate environment.

Optionally, files on file shares can be *extended*, replacing the files with small stub files. End-users still access the files seamlessly as they normally would. Extension policies on files are based on such attributes

ANALYST SPOTLIGHT

“Mimosa’s new file server archive allows organizations to store more information at lower costs while addressing retention and legal preservation concerns. NearPoint FSA allows employees to access files as they normally would because administrators can leave stubbed files on the file system providing them seamless access to their information. Compliance officers and records managers are ensured that information is properly retained and IT administrators can easily configure and operate the solution with enhanced management capabilities.”

— **Brian Babineau**,
Senior Analyst at
Enterprise Strategy Group



- Mitigate risk by gaining visibility into otherwise unmanaged file content
- Advanced file extension by replacing files with small stubs based on policies of age, size, access date, etc. and providing seamless user access to the files while avoiding the data integrity issues that have traditionally caused stub corruption
- In 4.0, in addition to archive and stub, there is an option to archive and delete. Stubs give seamless access to end users reducing files on the file server, improving backup, and minimizing space since deletion reduces the number of files. Users would have to access via SSR.
- Reduce storage by archiving files and deleting from the source while still allowing users to access files in the Outlook user interface alongside email
- Enable faster, more granular file recovery and reduce the need to restore backup tapes
- Avoid conflicts with backup routines—“follow the stub” by using NearPoint FSA for backup and disaster recovery
- Eliminate the “ping-pong” effect of files being restored to the file server when opened by utilizing NearPoint’s advanced file extension capabilities
- Simplify administration with expressive rules-based capture policies

Mimosa NearPoint is an Integrated Content Archive

With the addition of File System Archiving, Mimosa NearPoint provides an integrated archive for emails, attachments, instant messages, and files. Unlike other FSA products in the market which store content in multiple archive instantiations, NearPoint is the next-generation single repository—all content is stored in one highly-scalable archive. Email has dominated the headlines and ESG reports that 80 percent of organizations have been asked to produce emails and attachment in response to discovery requests. What is not as widely publicized is that a full 60 percent of organizations have been asked to produce unmanaged general office documents. Mimosa NearPoint ends reactive eDiscovery fire-drills by providing a unified repository for messaging content and file content with one single search experience for eDiscovery.

FEATURES	BENEFITS
The Unified back-end for all user-generated content types	<ul style="list-style-type: none"> • Single point for application of retention/disposition policies • Consolidated view for eDiscovery
Global single-instancing across all content	<ul style="list-style-type: none"> • Enables storage efficiency • Avoids re-indexing duplicates • Optimizes Index Object Repository volume utilization
Flexible, expressive capture policies	<ul style="list-style-type: none"> • Allows for rules-based capture and archiving of content based on attributes like size or content type • Eliminates the need to index content that does not need to be archived.
Seamless end-user access to files that are extended to cost-effective storage or via unified search of archived email and files	<ul style="list-style-type: none"> • Enables end-users to continue accessing information in traditional manner while significantly reducing the amount of content stored on expensive disk • Speeds access to content by providing unified search across all archived content—email or file—in one user interface
Service Oriented Architecture (SOA)	<ul style="list-style-type: none"> • API-based modular design creates platform for optional products and third-party solutions • Creates suitability for enterprise deployments with security tiers
Zero Agent Architecture	<ul style="list-style-type: none"> • As an option enables crawling and file extension with zero agents on file servers
Advanced versioning	<ul style="list-style-type: none"> • Achieves storage savings by versioning files and using delta storage for different file versions • Controls the number of versions to be retained in archive
Fast, simple recovery capabilities	<ul style="list-style-type: none"> • Administrator-driven file restore • Saves significant time and cost by reducing the need to achieve recovery through backup tape restoration

SYSTEM REQUIREMENTS

NearPoint Platform Support

- Microsoft Windows Server 2008 SP1 Standard and Enterprise Editions
- Windows Server 2003 SP2—32 and 64-bit Standard and Enterprise Editions
- Windows Server 2003 R2 SP2—32 and 64-bit Standard and Enterprise Editions

Database Support

- SQL Server 2008 SP1 Standard and Enterprise Editions
- SQL Server 2005 SP2, SP3 Standard and Enterprise Editions

File Servers/Workstations Support

- Windows Server 2000 SP4 Standard and Advanced Server Editions (Archiving only)
- Windows Server 2003 SP1, SP2 —32 and 64-bit Standard, Enterprise and Data Center Editions (Archiving and Stubbing)
- Windows Server 2003 R2 SP1, SP2—32 and 64-bit Standard and Enterprise Editions (Archiving and Stubbing)
- Windows Server 2008 SP1 32-bit Standard and Enterprise Editions (Archiving Only)
- Windows Server 2008 SP1 64-bit Standard and Enterprise Editions (Archiving and Stubbing)
- Windows XP workstations (Archiving only)
- Windows Vista workstations (Archiving only)

Language Support

- English (US and UK), German, French, Traditional and Simplified Chinese, Japanese

Backup Software co-existence (tested for the backup application to not “follow the stub”):

- Symantec BackupExec v11
- Microsoft System Center Data Protection Manager (DPM) 2007
- IBM Tivoli Storage Manager (TSM)
- Microsoft NTBackup

ABOUT MIMOSA SYSTEMS

Mimosa Systems, Inc. delivers next-generation content archiving solutions for information immediacy, discovery, and continuity. Mimosa NearPoint is the industry’s most comprehensive unstructured information management software solution for email, files, and instant messages, enabling archiving, eDiscovery, storage management, and recovery in a unified solution.

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