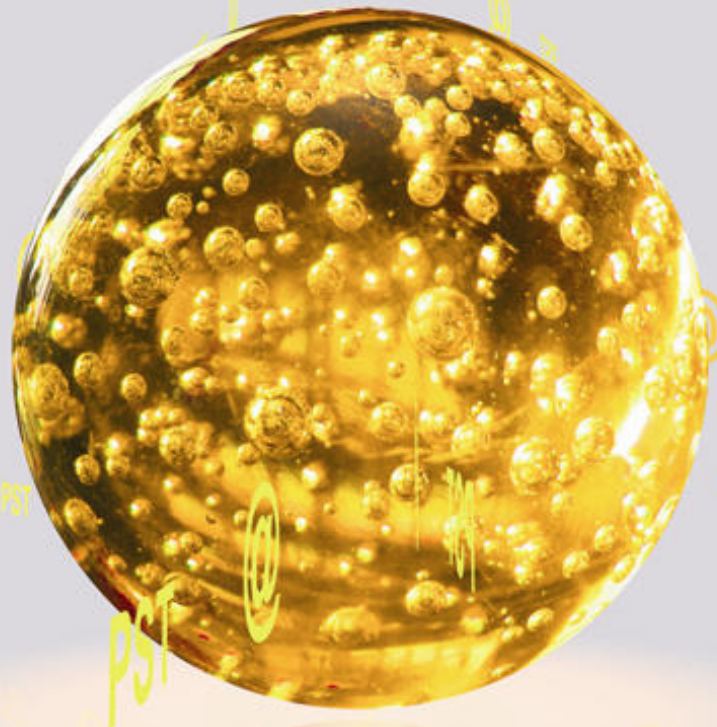


## **PAM for EXCHANGE** email archiving at its best

### **Whitepaper**

**PAM for EXCHANGE** in the MS Exchange Environment



#### **CONTENT**

Why **PAM for EXCHANGE** helps overstretched MS Exchange environments.

**PAM for EXCHANGE** (Professional Archive Manager) combines efficiency and innovation to supply your company with the definitive email lifecycle system.

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## Why PAM for EXCHANGE helps overstretched MS Exchange environments

**PAM for EXCHANGE** (Professional Archive Manager) combines efficiency and innovation to supply your company with the definitive email lifecycle system. The multilateral software merges storage optimization attributes and retention policy management, which securely archives all email messages onto storage media. The strain on the MS Exchange server is heavily reduced lowering the risk of system failure, improving the email search and retrieval response time and enriching storage capacity. Email response times and efficiency through message retrieval increases as throughput mail channels expand.

At H&S Software, email archiving has a bigger role to play than simply archiving PST's or public folders; we endeavour to provide a unified storage technology that multiple archives, reduces MS Exchange build up and can integrate comfortable into existing IT systems.

More than just email archiving

<b>PAM for EXCHANGE</b>	
<b>Standard Features:</b> PST Importer/Gatherer Public Folder Archiving Single Instance Storage e-Compliance for: - Audit Litigation - External Regulations	<b>Advanced Features:</b> Post Processing Tool - Manual Scripting Integrated HSM Engine - Direct Archiving - Parallel Archiving Outlook Add-in Installation Wizard

## Efficient Email Lifecycle Management

Email Management flexibility is fundamental in providing clientele with a software package that meets their archiving needs. **PAM for EXCHANGE** usability maintains the core benefits of predetermining and editing the route of each stored email and attachment to optimize your commercial email processes.

Long term archiving allows the system administrator to set retention categories for single messages or mailboxes for compliance and audit litigation. After the retention time elapses the older messages, not in frequent use, are offloaded onto inexpensive storage media or deleted from the archive.

## Advanced Email Technology with the integrated HSM Engine

The HSM (Hierarchical Storage Management) Engine places **PAM for EXCHANGE** in the forefront of archiving solutions. The comprehensive functionality of the archiving engine exceeds preconceptions of how an email archiving solution should perform.

The HSM Engine is at the heart of the **PAM for EXCHANGE** software. It controls the entire lifecycle of every message by storing metadata in the HSM store for capturing, archiving, searching and restoration of data. Each message holds various file and metadata tags that make coordinating the search and retrieval of emails from multiple locations possible.

With **PAM for EXCHANGE**, features such as the PST importer, Single Instance Storage and archiving public folders are pre-requisites for an archiving solution. At H&S, the aim is to push the boundaries of email archiving to produce optimal system configurations.

The following **PAM for EXCHANGE** features are feasible because of the integrated HSM Engine:

### Post Processing Tool – Third Party Integration

Flexible systems comprise of both software and hardware components that communicate effectively with each other. Optimal IT architectures embrace email archiving as part of the entire company infrastructure. **PAM for EXCHANGE** separates itself from the competition through its Post Processing tool which provides smooth integration with any third party product using advanced scripting plug-ins. Coders and programmers find the scripting tool particularly attractive because of the freedom to configure individual systems to fit specific business requirements.

Example Third Party Products: Workflow, ECM, DMS, CRM Systems

### Email Continuity (Disaster Recovery)

In the event of a power outage, natural disaster or human error and the MS Exchange crashes, **PAM for EXCHANGE** blocks all incoming and outgoing emails to protect against email loss. Multiple saved messages onto duplicate storage are retrieved quickly by the administrator and when the MS Exchange server is repaired or replaced, email and more importantly business continuity prevails.

Multiple location archiving occurs either centrally or locally depending on the component specifications and desired system architecture. **PAM for EXCHANGE** adjusts to each information system and general infrastructure for every individual scenario.

### Direct Archiving

**PAM for EXCHANGE** is the single email archiving solution that can instantly archive emails as they hit the MS Exchange server.

Direct Archiving is a significant breakthrough in efficient email archiving which cuts out the need of the MS Exchange journal mailbox. Immediate archiving onto storage media improves the performance of the MS Exchange server, guarantees absolute compliancy and creates an effective standard archiving process.

Administrators find direct archiving helpful when dealing with high volume mailbox users or groups as these mailboxes are instantly archived onto storage media. Email coordination becomes less dependent on the MS Exchange store which reduces the pressure on the server and provides an improved, efficient system.

### **Flexible Storage Optimization**

Improve the performance of your MS Exchange environment by implementing **PAM for EXCHANGE**. Cut costs and improve system stability with inexpensive storage media holding long term data.

Storage management control using retention policies on archived messages makes storage management easily maintainable. Adaptable storage architectures reduce costs and overcome capacity difficulties.

Emails are separated into message body and attachment before being archived by Single Instance Storage. Overloaded MS Exchange servers are avoided reducing the risk of outage and error. Once the message has been archived only a shortcut is left on the MS Exchange store; this ranges between 2-5 Kilobytes.

## **User Transparency**

Users continue to operate Outlook as usual

**PAM for EXCHANGE** is fully transparent through Outlook and OWA services so your users see no difference between archived message and non-archived ones. The only modification is the size reduction on the actual MS Exchange server.

With the optional Outlook Add-In, authorized users can archive, restore, view versions and use the advanced full-text search capability to search the archive for misplaced emails. Keyword searches can be filtered through numerous email fields for specified results. It is possible for advanced search criteria to be saved as a template for future use.

## Making System Administrators lives easier

Reduce daily backup of the MS-Exchange Store by 80%

Simple configuration lets the administrator define rules and let **PAM for EXCHANGE** automate the archiving process. The Administrator control panel, Enterprise Manager, is styled upon common windows interface with user friendly functionality.

### Technical Specifications

Supported Mail Servers

MS-Exchange 5.5/2000/2003/2007

Cluster Support

MS-Exchange 2000/2003/2007

(active/active and active/passive)

Supported Clients

MS-Outlook 98/2000/XP/2003

Archive Database

MS-SQL 2000/2005/Express, Oracle 8.x and above

Archive Technology

PAM-STORAGE HSM (Hierarchical Storage Management) and Single Instance Storage.

Archive Media

HDD/Jukebox Systems (AMASS, Pegasus, Pointsoftware)/Tivoli/ EMC

Centera/DVD/CD\_ROM/ SAN/NetApp/JVC/HP RISS/HP FSE/NAS/Plasmon...

Administration

User and Group Administration via Active Directory/Address-book Active Directory LDAP