MailStore Server
The Standard in Email Archiving

Businesses of all sizes can benefit from the legal, technical, and financial advantages of modern, secure email archiving with MailStore Server.

The software creates 1:1 copies of all emails in a central email archive to ensure the security and availability of any amount of data for years to come. Users can still access their email using Microsoft Outlook, MailStore Web Access, or mobile devices such as tablets or smartphones, and search through them at breathtaking speed.

Now available in version 8, MailStore Server has grown to become a global standard for email archiving in business following years of successful operation at more than 20,000 companies. Easy to install and 100-percent reliable in every situation.

- Over 20,000 customers of all sizes, from all sectors, in over 60 countries

- Integrated storage technology that does not require an SQL server

- Suitable for most email systems

- Easy to set up in just a few minutes, intuitive to use

IT-Security Made in Germany

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Overview

Current Version	▪ MailStore Server 8 ▪ http://www.mailstore.com/en/mailstore-server-changelog.aspx
Getting Started	▪ The 30-day trial version of MailStore Server can be installed in just a few minutes on any Windows PC and tested immediately ▪ No changes will be made to your email server or emails at any time during archiving
System Requirements	▪ Microsoft Windows XP Service Pack 2 or higher ▪ Supports all virtual and terminal server environments
Compliance	▪ Comprehensive technology concept ensures consistency with compliance and eDiscovery requirements ▪ Regular certification by an auditing firm using the criteria of internationally recognized standards
Storage Technology	▪ Fully integrated ▪ SQL Server can also be used
Supported Email Systems	▪ Microsoft Exchange Server and Office 365 ▪ All IMAP- and POP3-compatible email servers ▪ MDaemon, IceWarp, and Kerio email servers ▪ Microsoft Outlook and other email clients ▪ PST and other email file formats
Supported Archiving Methods	▪ Archiving of existing mailboxes, public folders, shared mailboxes, and PST files ▪ Archiving of all email as soon as they are sent and received
User Access Options	▪ MailStore Outlook Add-in ▪ MailStore Web Access ▪ MailStore Mobile Web Access ▪ MailStore IMAP Server
User Access Features	▪ When accessing the archive, users can perform a full-text search (including all file attachments) or use the regular folder structure ▪ Emails can be recovered using one-click restore or simply opened to forward the message or send a reply
User Administration	▪ Manual administration ▪ Active Directory integration ▪ Generic LDAP integration ▪ MDaemon, Kerio Connect, and IceWarp integration
Export Features	▪ MailStore Server is not tied to a proprietary file format ▪ All archived emails can be exported in a single step at any time in the standard RFC822 format

Advantages of Email Archiving

Email is not only one of the most important ways of communicating, it is also one of the largest and most valuable information resources. Only those who are able to manage emails efficiently can truly consider themselves ready for the future. In practice, however, this is connected with a number of challenges:

- Emails are deleted by users or lost due to technical problems. This causes the company to lose important data every day.
- Users need fast, comprehensive, and, increasingly, mobile access to their emails.
- IT managers need to ensure the security and availability of larger and larger quantities of data with limited technical and financial resources.
- In order to meet operational needs for litigation readiness and eDiscovery, for compliance reasons or end-user liability, companies must implement an email retention policy and ensure the centralized, tamperproof, and storage of all emails.

Legal Advantages

Regulatory Compliance and eDiscovery

MailStore Server helps companies meet a growing number of regulations on email compliance, eDiscovery, and other legislation. MailStore Server is also an important tool that helps these companies protect themselves against general legal risk or customer complaints.

Economical Advantages

Total Protection against Data Loss

Emails can be lost due to technical errors, such as corrupt PST files, or deleted intentionally or accidentally by users. Users often delete all their mailboxes upon leaving a company. MailStore Server can eliminate such risks completely.

Reduce IT Costs

Overloaded servers, increasing storage costs, and complex backup and restore processes place an enormous strain on IT departments and their budgets. MailStore Server permanently reduces these costs. It also shields against financial risks stemming from data loss or legal conflicts.

Fast Search for All Users Increases Productivity

Emails are an important and very extensive knowledge resource. MailStore Server enables all users to access their emails easily and extremely fast, increasing productivity within the company.

Independence and Security

At many companies, emails are not stored on local email servers under the company's control but on the servers of online service providers. This means that you have to trust the backup tools used by this company, and be sure that this company will be around in the future. By archiving all externally-managed data, you can build on this trust through a simple and effective backup strategy.

Technical Advantages

Reduce the Workload of Mail Servers

Emails can be deleted from the mail server's mailboxes according to a rule-based process once they have been archived. This allows the workload of the server to be maintained at a consistently low level. Procedures such as transferring emails to PST files become redundant.

Eliminate Reliance on PST Files

- PST files contain business-critical information, yet they are housed locally
- PST files have a huge impact on storage and backup
- PST files are prone to data loss or corruption
- PST files can be an e-discovery nightmare

With an email archiving solution in place, these issues simply go away.

One-Click Restore for All Users

Users can restore emails from the archive with a single mouse-click. The administrator no longer has to go through the time-consuming process of recovering them from the backup.

Elimination of Mailbox Quotas

Email archiving eliminates the need to use mailbox quotas as a way to limit the use of a mail server's storage capacity. Users are no longer forced to go through the time-consuming process of constantly deleting 'less important' emails or storing them externally.

Simplify Mail Server Backup and Restore

By reducing the mail server's data load, it can be backed up much more easily, i.e., more quickly, and also restored more quickly in the event of a failure.

Lower Storage Requirements

MailStore Server was designed for the secure and efficient management of very large data volumes and reduces storage requirements by means of single-instance technology and compression.

Centralization of Distributed Emails

Emails are often distributed across various mail servers, the computers of different users, or external service providers. MailStore Server enables all email in the company to be stored in a central location and searched.

Uninterrupted Access to Emails when Servers Fail

The critical issue when backing up mail servers is the time that it takes to recover the data when servers fail. During this downtime, which can often last hours or days, the company no longer has access to business-critical information. When a mail server is out of service or data is lost, every user at the company can access all emails via the email archive. This allows you to continue operating your business without any disruptions at all.

Storage Technology

The core of the MailStore Server consists of a fully integrated storage technology that can manage large amounts of data both efficiently and safely.

Standard Archive Store

This storage type is suitable for most environments and requirements, and is available immediately after setup is complete. Standard Archive Stores are created by MailStore Server in the file system and do not require external database software or special configuration steps.

A Standard Archive Store Consists of Three Components:

- **Container Files**
  The actual email content and attachments are stored in these encrypted files with a 'manageable' size of about 8 MB
- **Full-text Indexes**
  They are created for each user and allow email and attachment searches to be completed very quickly
- **Embedded Database**
  Stores metadata such as information about message integrity and organization of users' file structure to the archived email

General Features

- Lower storage requirements through use of single instance archiving and compression of file attachments
- Tamper-proof through use of SHA1 hashes
- Internal AES-256 encryption of email texts and attachments

Scalability

A main archive can be created from any number of Standard or Advanced Archive Stores. When the archive store used for archiving email is nearly full, it is simple to use a new, empty archive store.

This process can be carried out automatically. Despite the use of several archive stores, only one main archive is visible to users. The distribution of the main archive into any number of independent archive stores allows a flexible storage management.

Advanced Archive Stores

Advanced Archive Stores allow the use of Microsoft SQL Server for data storage. This storage type is suitable for businesses with an existing IT infrastructure employing these types of systems and those who would like to use it for email archiving.

Archiving

MailStore Server supports almost all popular email systems and archiving methods. Email can be archived from the mailboxes of email servers as well as from decentralized email clients or files. Furthermore, it is also possible to archive all email from a single company as soon as they are sent or received.

Flexible Archiving

Supported Email Systems

- Exchange Server 2003, 2007, 2010 and 2013 (including Windows Small Business Server)
- Hosted Exchange
- Microsoft Office 365
- MDaemon Messaging Server
- IceWarp E-Mail-Server
- Kerio Connect
- Any IMAP/POP3-compatible email server
- Email clients such as Microsoft Outlook
- PST and other email file formats

Supported Archiving Methods

- Full archiving of all email as soon as they are sent and received
- Archiving of existing mailboxes and files (manual or scheduled)
- Archiving of public folders and shared mailboxes (manual or scheduled)

General Features

- Folder structures are imported to the archive
- In order to reduce strain on the mail server, emails can be deleted following a rule-based process once they have been archived
- Email is archived with MIME compatibility and no loss of information
- There is also the option of installing the MailStore Server alongside the email server or a decentralized system
- No administrator access to the email server is necessary
- No changes will be made to your email server or saved emails at any time during archiving

User Administration

Emails are assigned to archives on a per-user basis, users are created using one of the following methods before archiving:

- Creating users manually
- Mapping of user accounts with Active Directory
- Mapping of user accounts with a generic LDAP server
- Mapping of user accounts with an MDaemon USERLIST.DAT, an IceWarp server or a Kerio Connect Server

Access to the Archive

MailStore Server offers different options that allow users to access and search the archive and their emails. The MailStore full-text search also offers high speed checks of very large amounts of data.

Access Paths

MailStore Add-in for Microsoft Outlook

The MailStore add-in for Microsoft Outlook is integrated into the usual working environment seamlessly from the user's point of view and does not require any conversion or adjustment. The add-in is available for Microsoft Outlook XP, 2003, 2007, 2010 and 2013. As with all other access paths, this solution offers a direct live view of the archive and does not require any synchronization of the archive data to the user's computer. The add-in can be distributed according to group policies.

MailStore Web Access and Mobile Web Access

MailStore Web Access enables access to the email archive with any web browser. Important functions such as searching and displaying archived email can thus be carried out irrespective of the system and without the installation of additional software. MailStore Mobile Web Access enables users access to the archive from any location with a modern smartphone or tablet (iOS, Android, Windows Phone or Blackberry).

MailStore IMAP Server

The MailStore Server has an integrated IMAP server that provides IMAP-compatible email clients access to the MailStore archive. This ease of access is a feature that is also clearly visible within many other email clients (such as Mozilla Thunderbird), with all operating systems (such as Mac OS or Linux), and on mobile platforms.

Features

General Features

- Fast full-text search of emails and all types of file attachments
- Access is also possible via the original folder structure
- Reply or forward archived email by opening them directly in Microsoft Outlook or another email client
- Access to other employees' archive areas (based on assigned privileges)

Recovery of Emails

With MailStore Server the administrator no longer has to go through the time-consuming process of recovering lost emails from the backup. If necessary, users can restore emails from the archive back into their regular mailbox with a single click of the mouse.

Removal of Stubbing

MailStore Server has completely removed the need for users to access stub objects and other technologies that detract from server performance.

Management API and Shell

MailStore Server can be integrated into the IT infrastructure of an operation. Very distinct usage scenarios can also be implemented in this way, along with integration of MailStore into other software solutions.

Management API

MailStore Server operates over a powerful HTTPS-based API for management. This makes it possible to automate management of the MailStore Server through use of a script language or programming language (such as C#, PHP or Python). Commands are sent to the integrated API-HTTPS server via HTTP POST; return values can be sent back in either JSON or XML format. The API for management makes it possible to control administrative tasks, such as the management of users or storage locations, remotely from a central position.

Management Shell

Many of the commands carried out by the graphic MailStore Client are run via the Management Shell, which is automatically copied together with the installation of MailStore Server and MailStore Client. Thus, on the one hand, the Management Shell is useful when there is no graphic environment available (for example, when using telnet or SSH). And on the other, it can be used in the integration of both automatically and manually launched scripts (batch files, for example).

Compliance

A comprehensive technology concept ensures that companies using MailStore Server are able to achieve consistency with compliance and eDiscovery requirements, in addition to regular certification by an auditing firm using the criteria of internationally recognized standards.

Compliance Features

- MailStore Server enables 100% complete archiving of all emails within the company
- Archived emails are identical to the originals in every aspect
- Retention policies and legal hold can be enforced
- Changes and events are logged via an integrated auditing feature in Windows event log
- Auditor access possible via special "auditor" user type

Tamper-proofing

- Generation of SHA1 hash values from email content
- Internal AES256 encryption of email texts and attachments
- No direct access by MailStore client components to the archive files
- It is not possible to change email content, either in the graphical interface or in the internal program
- Automatic and immediate archiving of all emails as they are received and sent prevents tampering before archiving

System Requirements

Supported Operating Systems (32-bit and 64-bit Versions)

- Microsoft Windows XP Service Pack 2 or higher
- Microsoft Windows Vista
- Microsoft Windows 7
- Microsoft Windows 8
- Microsoft Windows Server 2003 (incl. SBS and R2)
- Microsoft Windows Server 2008 (incl. Foundation, SBS and R2)
- Microsoft Windows Small Business Server 2011
- Microsoft Windows Server 2012
- Microsoft Windows Server 2012 Essentials
- Microsoft Windows Server 2012 Foundation
- Microsoft Windows Home Server Power Pack 2 or higher

General Features

- No additional web server (such as Microsoft IIS) is necessary; MailStore Server starts its own HTTP server on the appropriate TCP port
- MailStore Server can be run smoothly in virtual and terminal server environments
- No external database software such as Microsoft SQL Server is necessary, but can be used for organizing files on request

Performance and Scalability

While MailStore Server can be used 'out of the box' in smaller companies, larger companies should consider the solution within the context of their broader IT infrastructures. As such, before using MailStore Server in live systems, we recommend implementing a short planning phase. Consult our MailStore Server Help for detailed information or take advantage of the opportunity to contact our technical support team to discuss your individual scenario.

System Requirements
http://en.help.mailstore.com/System_Requirements

Performance and Scalability Guidelines
http://en.help.mailstore.com/Performance_and_Scalability_Guidelines

Customers

"We would recommend MailStore as a solid email archiving solution. The installation was a breeze and I was very impressed with their documentation. The product itself is extremely flexible and it is easy to use."

**John T. Greiner (CIO),
Legal Services NYC**

"From an IT administrator's perspective, MailStore Server is simple to install and easy to manage. When it comes to the archiving methods provided, the solution is enormously versatile and noticeably lightweight."

**Ashley Hunt (Systems Coordinator),
PGA of Australia**

"The ROI on MailStore Server is excellent, with total cost of operations (TCO) fully under control. Investing in MailStore Server was an excellent choice and the solution is proving its value every day."

**Jan Vermaelen (CTO),
Cofely**

Trusted by Over 20,000 Organizations

- Airbus Group
- American Civil Liberties Union
- American Fuel & Petrochemical Manufacturers
- Association of American Universities
- Australian Institute of Management
- Baker Tilly Roelfs
- Bosch
- Children's Hospital Los Angeles
- Cofely
- Deutsche Telekom
- Emmi
- Endemol
- Enid Public Schools
- GE Healthcare
- Greenpeace
- Health Department of Northwest Michigan
- Hewlett-Packard
- Hitachi Data Systems
- Hooters
- Indianapolis Airport Authority
- JCDecaux
- JVC
- Kawasaki
- Kiss USA
- Konami
- Kroon Oil
- KTM

- Legal Services New York City
- Library of Congress
- Lufthansa
- Marinello Schools of Beauty
- Middleton Public Schools
- National Parkinson Foundation
- NHS Health Scotland
- Novartis
- Olympus
- PGA Australia
- Rimowa
- San Diego Blood Bank
- Siemens
- Super Shuttle
- The Royal Victorian Eye & Ear Hospital
- The Washington Times
- ThyssenKrupp
- T-Systems
- Unicef
- United Ski and Snowboard Association
- University of California
- University of Minnesota
- University of Virginia
- USA Today
- Veolia Environmental Services
- Volkswagen
- Yahoo Japan
- Zara

Typical Customer Sizes

Customer Size	Why MailStore Server?
Up to 10 users Smallest customers	Low entry-level price, low system requirements, and intuitive operation mean MailStore Server is also the ideal solution for small businesses.
Up to 500 users Medium size customers	This is where MailStore Server comes into its own: It's quick and easy to install as standard software and remains low-maintenance and reliable even with large volumes of email. The integrated storage technology and economic use of system resources ensure that the overall costs of the 'Email Archiving' project are kept to a minimum.
More than 500 user Large customers	MailStore Server is being operated by hundreds of companies that have well over 500 users. When dealing with these companies, our technology specialists analyze their infrastructure and requirements in order to use this information to constructively develop the optimum solution strategy. If necessary, highly customized scenarios can also be implemented with the help of extensive scripting options.

Contact Us

Our team is looking forward to your call or email and will be happy to provide you with support on any questions regarding MailStore Server.

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