Real-Time, Cloud Data Offloading/Stubbing
MessageSolution Enterprise Archive Storage Management

MessageSolution Hosted Cloud Archive is one of the few archiving solutions to deliver the advanced storage management ability to offload data through regular internet bandwidth. Available in Cloud and on-premise environments, MessageSolution enables clients to significantly improve email, file and SharePoint server performance while eliminating the need to frequently upgrade network or storage capacity.

MessageSolution Enterprise Email Archive Professional Edition is able to work with standard DSL service and provides a unique storage advantage to ensure that remote replication mobile users access search and restore with service level agreement and user support is maintained with bandwidth to spare.

While offloading/stubbing data for on-site archiving is a relatively common feature, MessageSolution is one of the only archiving solutions in the industry to leverage the latest web services technologies to support more users with less, to maximize server performance, and provide cost effective storage management.
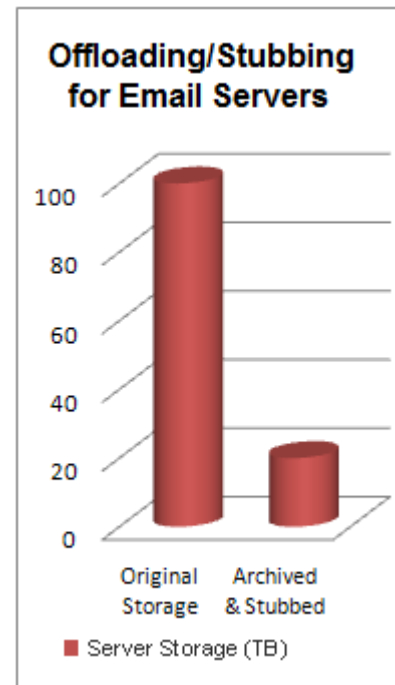
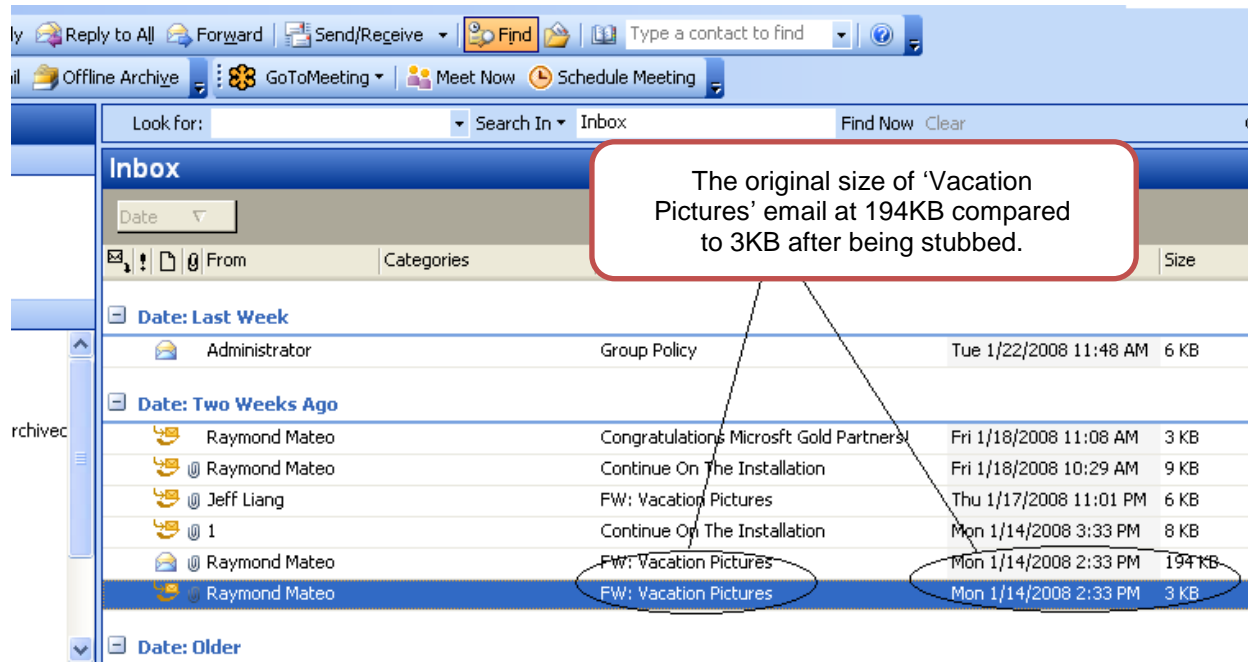### Data-Offloading Process in MessageSolution Platform

MessageSolution's exclusive technology, Transparent Stub and Restore Storage, optimizes user access and bandwidth consumption without impacting the base remote replication process.

Once the initial archiving process has been run, there will be two copies of the email attachment: one on the email server and one in the archive. The data offloading process essentially replaces the copy on the email server with a shortcut link to the copy in the archive.

During the Data Storage Offloading configuration process, the administrator will define the company policy for offloading data. Individual users, user-groups or specific email folders can be selected for data stubbing. Then, administrators will set the parameters for the automatic offloading process. Limitations placed on the age of the email or the file size. Finally, administrators have the flexibility to run the stubbing process at their convenience or schedule automatic data storage offloading.

MessageSolution Enterprise Email Archive Offloading/Stubbing

The original size of 'Vacation Pictures' email at 194KB compared to 3KB after being stubbed.

Storage Management

With many enterprise-class organizations, congested email servers can create problems. MessageSolution saves up to 80% reduction in email server storage and saves up to 75% of storage for ongoing archiving servers.

If too much information is being kept on the email server it can lead to poor email performance. In order to maximize server efficiency while keeping the information easily accessible, MessageSolution delivers a remote, data storage offloading function via regular internet bandwidth to keep the strain on the email server low. Data Storage Offloading can be used to reduce the stress put on File Servers or SharePoint environments as well.

Access Offloaded Data

MessageSolution Cloud Archive delivers improved user access, in different ways. The full content of the offloaded document can be viewed from the link provided in the email client such as Outlook or Lotus Notes, etc. It can be searched for and viewed in the archive itself. Stubbed data can also be restored to the email server through the email client Plug-In. Administrators can independently restore up to 10-20 documents at once. MessageSolution Technical Support Engineers can also provide batch-restorations for large amounts of data at once.

MessageSolution Enterprise Email Archive leverages a configurable, automated system for offloading unnecessary data off the email server. The system administrator can not only configure offloading permissions for each user or user group and the data volume requirements but can also configure the frequency that the offloading process is run. They can also specify specific email folders to offload from.

MessageSolution Cloud Archiving and eDiscovery Platform Architecture

MessageSolution™
Enterprise Archiving, eDiscovery, Migration

EXPORT IN EML, PST, NSF, PDF, HTML FILES

Legal Discovery

SharePoint Client Integration

Client Integrations

Email Client Integration

Optional Agent

Global Clients and Partners

SSL ENCRYPTION

SHAREPOINT DATA OFFLOAD PROTOCOLS

DATA EXPORT ENGINE

FILE SYSTEM DATA OFFLOAD

OFFICE365 COMPLIANCE ARCHIVING

EDISCOVERY POLICY ENGINE

DATA RESTORE & SMTP

FULL TEXT INDEXING CLOUD SEARCH

WEB LOAD BALANCER

DATA MIGRATION ENGINE

EMAIL ARCHIVE

EMAIL CONTINUITY

SHAREPOINT ARCHIVE

SOCIAL MEDIA ARCHIVE

FILE SYSTEM ARCHIVE

CLOUD COMPUTING INTEGRATION - AZURE, IBM, AMAZON, ETC.

EDISCOVERY PLATFORM

MEDICAL IMAGE ARCHIVE

SYSTEM MONITORING

API & VERTICAL INTEGRATIONS

DATABASE

SECURITY

DATA BACKUPS

CLOUD OBJECT STORAGE INTEGRATION

AES 256 ENCRYPTION

TASK QUEUE

DATA INGESTION SERVICE

WEB SERVER CLUSTERS

ACCESS LOAD BALANCER

SHAREPOINT

IBM VERSE/LOTUS NOTES POP3 IMAP

PST NSF PDF HTML

LDAP

DOCUMENTS

SMTP

CUSTOMER DATA SOURCES FOR IMPORT

SSL ENCRYPTION

Express Historical Data Import Service

Critical Best Practices

In accordance with the MessageSolution Critical Best Practices, organizations should only offload data that is not being constantly accessed. It is therefore recommended to offloaded messages that are 1-2 years old or more. In addition, it is recommended that data accessed on a consistent basis remain on the email server.

Thanks for reviewing MessageSolution technologies. You may reach us anytime for questions at asteam@messagesolution.com or techsupport@messagesolution.com