MessageSolution™
Enterprise Archiving, eDiscovery, Migration

MessageSolution Cloud Archiving and eDiscovery Platform Architecture
(for global clients & MSP partners)

MessageSolution cloud computing platform is compatible to all cloud networks for any cloud computing capacity, and supports Cloud Object for all cloud storage needs.

MessageSolution packaged MSP hosted platform can fit in all hosting environment, supporting Windows and Linux server OS platform, compatible with all storage devices (SAN, NAS or SADA disc, etc.)

1. MessageSolution Secured Data Migration
To ensure the preservation of users' Outlook and Lotus Notes folder structures, MessageSolution provides extensive archiving protocols and directory integrations to ingest customer data online or offline. SMTP, IMAP, POP, EWS, WEBDAV and LDAP ensure complete integration with Active Directory, Domino Directory, and GroupWise eDirectory. A unique and optional agent software can be installed on customer's site and provides secured data archiving without changing network security settings for a fast and easy implementation.

2. Cloud Express Data Import
For large amounts of data, customers can express-mail the data in an encrypted physical hard drive for fast and secured data ingestion.

3. Cloud Object Storage Integration and Clusters
MessageSolution's patent pending secured clustered storage technology supports Petabytes of massive data storage capacity. It contains a cluster of systems responsible for processing data for single instancing, data compression and retention policies. It stores the data volume in cloud object storage, leveraging MessageSolution's industry-leading scalability with the lowest cost and maximized cloud performance for end-users. MSP Partners also have the option to store data in their own HSM storage network or with low-cost storage discs like SATA for maximized cost-efficiency when a 'cold storage' is needed.

4. Database
MessageSolution optimized cloud database delivers maximized scalability while ensuring the lowest cost ratio for end users- with the capacity to store petabytes of data without provisioning or configuring end-users.

5. Encryption
MessageSolution AES based multi-level encryption ensure maximum security on stored data in the cloud.

6. API Interface and Vertical Integrations
MessageSolution's API Interfaces enable service providers to integrate with the archiving system in plug-and-play style (i.e. integrated with Parallels' billing and provisioning system), allowing partners to instantly connect and integrate with MessageSolution's Cloud Platform to offer compliance archiving and eDiscovery services to their end users.

7. Security
MessageSolution safeguards security in the cloud as well as offline by encrypting all outbound data and guaranteeing internal compliance. Security protocols are additionally applied when data is offline and in transit for express-shipping.

8. System Monitoring
SNMP and messaging-based monitoring system is deployed to monitor all cloud systems.

9. Cloud Network Integration
MessageSolution's integration with cloud platforms is agnostic. It supports all major cloud platforms, including Microsoft Azure, IBM SmartCloud, and Amazon EC2 Cloud networks, MessageSolution Cloud Computing Platform offers ultimate flexibility for global cloud computing and storage with a cost-efficient compliance archiving, legal discovery and storage management solution.

10. SharePoint Archiving, Governance and File System Archive
MessageSolution is integrated with Microsoft's most updated BLOB storage offloading data protocols for SharePoint 2013/2010/2007 servers and Cloud MOSS environment, The seamless integration with all versions of Windows' servers enables end-users to retrieve offloaded files transparently, delivering ultimate storage control.

11. eDiscovery Legal Support
Advanced eDiscovery search engine delivers comprehensive eDiscovery functions like multiple Case Management,Text/Attachment File Redaction, Litigation Hold Notification, Concept Search, and Attorney-Client Privileged Access, and others.

12. Medical Image Archiving
As a VNA, MessageSolution Medical Image Archive first in the market unifies and include the archiving of medical image studies and scans, leveraging the enterprise-class high-performance archiving engine to efficiently and cost-effectively store healthcare organizations high volume and storage-consuming medical X-Ray studies and scans.

13. Global Cloud Search
MessageSolution applied federated search technology to deliver high speed search result within seconds. A cluster of Unicode-based search engines was deployed with full-text indexing for emails, attachments, documents, files, and SharePoint content. A unified, vertical search combs through data content from multiple archiving repositories, with support in more than 115 languages. Global Cloud Search reinforces compliance protocols while allowing Federated Search to be conducted across different cloud storage locations in the world.

14. Migration Systems
MessageSolution's multi-function migration engine enables organizations to migrate volumes of email and file data from all environments as following:
• Online migration and ingestion of historical email, file and SharePoint document from email, file and SharePoint server platforms into the archives.
• Migrate and centralize historical PST, NSF, and GroupWise files into cloud archive.
• File migration from Outlook public folder to SharePoint.
• File migration from Corporate File Servers to SharePoint.
• Migrate email boxes from GroupWise or Domino to Exchange, Office365 email plat
• Migrate from legacy email archiving system including Autonomy to MessageSolution Archive.

15. Transparent Client Integration for Email, SharePoint, and File Systems
MessageSolution strives to deliver innovative and leading-edge user experiences, offering a number of first-in-the-market, transparent, and user-friendly data-retrieving functions integrated with various client software, including Outlook, Lotus Notes, GroupWise for emails , files and SharePoint document seamless retrieval from a desktop Windows Explorer file folder. These integrations delivers ease of use for end users to directly access archived emails from their Outlook/Lotus Notes/GroupWise and their OWA, I-Notes and DWA. With MessageSolution's Outlook-SharePoint Drag-n-Drop Integration, SharePoint users are also enabled to conveniently drag and drop emails to any site or farm in SharePoint or directly attach any items from SharePoint when sending emails from Outlook. For corporate legal team members, the MessageSolution eDiscovery Platform enables the corporate legal team with case-specific authorized legal case manager and legal counsel's Case Management Access, etc.

16. Data Restore, Export Engine and Services
MessageSolution's integration with Microsoft Active Directory, Domino Directory, and GroupWise eDirectory gives users the ability to restore emails from the cloud archive directly back into their user inboxes, as well as restore the archived files and SharePoint documents to the original file data source. SMTP allows the forwarding of emails to other mail recipients. The MessageSolution Export Engine enables organizations to export data from the cloud archive in EML, PST, NSF, PDF, and HTML files.

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

Legal Discovery

SharePoint Client Integration

Client Integrations
Outlook/GroupWise/Lotus Notes/iMAC Integrations
Outlook-SharePoint Drag-n Integration

Email Client Integration

SSL ENCRYPTION

Optional Agent

Global Clients and Partners

SHAREPOINT DATA OFFLOAD PROTOCOLS

DATA EXPORT ENGINE

OFFICE365 COMPLIANCE ARCHIVING

FILE SYSTEM DATA OFFLOAD

EDISCOVERY POLICY ENGINE

FULL TEXT INDEXING CLOUD SEARCH

DATA RESTORE & SMTP

WEB LOAD BALANCER

EMAIL ARCHIVE

DATA MIGRATION ENGINE

SHAREPOINT ARCHIVE

EMAIL CONTINUITY

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

SOCIAL MEDIA ARCHIVE

FILE SYSTEM ARCHIVE

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
EWS WEBDAV NOTES POP3 IMAP
PST NSF PDF HTML
LDAP
DOCUMENTS
SMTP

CUSTOMER DATA SOURCES FOR IMPORT

SSL ENCRYPTION

Express Historical Data Import Service