

# ZL Unified Archive Mailbox Management

## Key Benefits:

Makes mails immediately searchable while supporting stubbing at a later time

Consolidates all corporate data to a centralized, searchable repository

Manage e-mail better by eliminating scattered NSF's and PST's

Reduces Tier 1 storage costs up to 95%

Shortens back-up times which may otherwise exceed allowable backup windows

Enables employees to self-restore lost emails and attachments

Tamperproofs business records within the archive

Supports litigation chain of custodian requirements

Increases employee productivity by eliminating manual mailbox quota management

Improves information access through advanced end-user search options



**ZL TECHNOLOGIES INC.**

*E-mail Server Overloaded? Mailstore Maxed Out? Storage Quotas Exceeded? Mail Backups Take Too Long? Mail Restoration Takes Too Long?*

Email use has been growing at an astonishing pace. Both average emails per user and average email size compound annually at double-digit rates. Mail servers are unable to handle the growing requirements as more users keep larger quantities of email and as organizations comply with regulations to archive and retain email. Email archiving is an effective solution to improve performance, shorten backup times, enable self-restore of emails, and eliminate end-user quotas on email servers bogged down with years of email data, most of which is no longer accessed.

ZL UA offers flexible options for organizations seeking to reduce the storage footprint on mail servers while maintaining end-user access to archived messages. ZL UA Mailbox Management deletes mails from the production mail server based on codified, customizable policies and offers several methods of accessing the archived email: Stubbing, End-User Mailbox Access, ZST Offline Vault, and End-User Journal Search.

### **Mailbox Stubbing**

Mailbox stubbing is a solution that replaces large emails on the mail server with smaller stub files. This allows organizations to optimize storage on the mail server by moving emails to the archive while allowing users to continue to access emails from any existing email client.

The ZL UA stubbing solution works by crawling target mailboxes, identifying mails based on policy, such as large and/or older emails and attachments, which it then moves from the production mail server into the archive, leaving behind a small "stub," basically a hyperlink to the document's archive location, to maintain seamless end-user access to that data from their mailbox. Clicking on the stub transparently restores the email and/or attachment to the end-user's mailbox, so end-user behavior is completely unchanged. Stubbing greatly reduces the total storage footprint of the user mailbox, eliminating the need for mail quotas and giving the end user the illusion of a bottomless mailbox. This technique allows users to continue to access and view their email through their email client and mail server account.

### **End-User Archive Access**

ZL UA also provides direct access to archived emails through folder and search interfaces integrated with email clients and web browsers. This provides the advantages of stubbing without placing stub emails on the mail server. From the original folder view or search engine UI, users may restore, print, reply to, forward, etc. any email. ZL UA supports these alternate access routes through direct integration with Lotus Notes and Microsoft Outlook.

### **End-User Journal Search**

Organizations increasingly journal their email to meet complete capture requirements for various regulations including FRCP and FINRA. ZL UA can leverage the journal to allow each end user access to a complete, fully indexed

and searchable archive of all mails sent and received to and from their own mailbox.

All mailbox management options offered by ZL enable end-user self-restore of emails. End-User Journal Search goes further to completely eliminate the IT helpdesk task of recovering lost emails. Since end-users have easy access to every mail that passes through their inbox, they can perform self-service restoration of any lost or accidentally deleted email, even mails deleted before the mailbox is crawled and archived. Without this ability, recovering those lost emails is a time-consuming process, as IT personnel have to identify the relevant backup data, restore it, and then search the backup data. A challenging request spanning several mailbox accounts or a wider timespan could take well over a standard workweek. Implementing End-User Journal Search will result in a significant reduction in IT spending in any organization that services several recovery requests per month while minimizing load on the mail servers.

### Offline Vault

Mails archived and taken off the production mail server can be stored on end users' workstations in an offline vault that synchronizes with the archive vault. Notes and Outlook present archived emails alongside live emails in the mail client folder list, replicating folder structure to maintain users' familiar access routes.

### Global SIS

When organizations want to implement mailbox management for their entire userbase but also are required to journal some departments, it poses a problem for many archiving solutions. Scalability and flexibility limitations make it necessary that customers set up two separate systems with separate vaults and separate databases to support the different capture mechanisms. These disparate systems cannot single-instance mails across the archive and journal. In addition, many large systems also produce separate vaults by department, by date range, by custodian, etc. and cannot enforce single-instance storage across those vaults.

ZL UA, on the other hand, offers a unified solution, which is deployed on the auto-promoting GRID architecture, in which any of the servers can perform any and all functions of the archive (mailbox capture, indexing, journaling, search, review, etc). Journaling and mailbox capture (or stubbing) can be performed by the same servers, and most importantly, ALL mails are put into a single vault, where ZL's Global Single Instance Storage (SIS) ensures that only one copy of each mail is stored across both journal and archive for maximum storage savings.

### About ZL Technologies, Inc.

Established in 1999, ZL Technologies, Inc. (ZL) provides cutting-edge enterprise software solutions for e-mail archiving, regulatory compliance, litigation support, corporate governance, content management, file archiving, and secure e-mail. ZL's flagship product, the Unified Archive, offers comprehensive e-mail and file archiving and management for companies using Lotus Notes/Domino, Microsoft Exchange, Bloomberg, and others. The suite provides a highly flexible framework that is fully scalable, enabling organizations of all sizes to meet legal discovery, compliance, and storage management requirements. With a proven track record and an extensive list of clients, including UBS, Walgreens, Bank of New York Mellon, and Morgan Keegan, among other top global institutions, ZL has proven to be the premier provider of e-mail archiving and compliance solutions in large and/or complex deployments.

## Key Features:

Flexible stubbing to enhance end-user experience

End-user self-restore of mail to improve productivity and reduce IT costs

Seamless message retrieval and restoration

Full fidelity admin restoration and DR of user/dept/mail server

Offline access to archived e-mails Policy-based retention management

End-user records classification

Rapid NSF, PST, etc. mail ingestion for consolidation

Open standard storage format

Mail to archive folder structure synchronization

Archive and restore non-mail items (calendar, tasks, contacts, etc.)

Decreases production storage footprint with Global Single-Instance Storage and compression

### FOR MORE INFORMATION

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