

## MIGRATING YOUR EMC SOURCEONE EMAIL ARCHIVE

### Obsolete Email Archives Pose a Regulatory and Legal Risk

As far back as the late 1990's, organizations began to realize the need to incorporate email archiving capability into their data management processes, mostly because of the tightening U.S. regulatory landscape as well as more prescriptive Discovery requirements.

Many of the original email archiving manufacturers have gone out of business, been purchased, dropped support of their email archiving solutions, or decided to move away from their original solutions. Others, like EMC, have continued to fix bugs and support their SourceOne Email Archive but not add any additional features.

The problem many SourceOne email archiving customers have begun to recognize is that the SourceOne email archive is expensive to operate and maintain and doesn't offer any additional new capability not already available in the newer versions of Microsoft Exchange or in less expensive cloud-based email archiving solutions.

#### SHOULD I MIGRATE THE EXISTING SOURCEONE ARCHIVED DATA?

Many organizations have made the decision to move their current SourceOne email archiving content to the more powerful Exchange 2010/2013, or to a cloud-based email archive. The main question these organizations are faced with is:

*"Should we migrate our existing SourceOne email archive to the new solution or do we leave the existing archived email in the SourceOne archive and wait for it to age beyond any current retention periods?"*

The answer to that question is dependent on the answers to two additional questions...

1. Could there be content in the SourceOne archive that is subject to regulatory retention or eDiscovery requirements?
2. Does the SourceOne email archive contain content that has value to the organization?

#### Archive 2-Anywhere Benefits

- Quick deployment, fast installation
- High performance extraction
- Full data fidelity restoration including folder structure
- Industry leading performance
- Compliance with regulatory / eDiscovery requirements
- Stop paying for annual support of old email archive

## WHERE SHOULD I MIGRATE THE ARCHIVED DATA TO?

Many organizations have some form of regulatory retention requirements, usually tied to specific industries like banking and healthcare. But what many don't consider is that most companies have regulatory retention requirements tied to employment laws, Sarbanes-Oxley (SOX), and many others. All regulatory retention requirements now include email and attachments as information considered a record and subject to regulatory retention.

If the answer to either question above is "Yes," then archived email should be migrated to another repository and be managed and made available for reuse and reference. The main benefits of migrating your SourceOne email archive instead of letting it "age" include:

1. Lower cost to migrate it now versus incurring the cost of ongoing SourceOne maintenance and management.
2. Lower cost, when responding to an eDiscovery or regulatory information request, to search one repository instead of two (the new repository and the SourceOne archive).
3. Lower risk of mistakes when searching one repository versus two when responding to eDiscovery or regulatory information requests.

The bottom line is that it will be less costly to migrate the entire SourceOne archive to the new solution now versus waiting until an emergency arises.

## WHAT SOURCEONE DATA SHOULD I MIGRATE?

When planning your SourceOne email archive migration, a thorough understanding of the archived content (metadata, revisions, duplicates, date ranges, etc.) along with any regulatory or legal responsibilities that might pertain to the data is key to reducing risk of non-compliance or litigation-based destruction of evidence.

In the past, some customers that were planning to move away from their email archive simply stopped archiving email on a specific date with the intention of keeping it around until retention periods had been met. Others have migrated the entire SourceOne archive (including duplicates and document revisions) in the form of individual PSTs onto employee file shares and quickly forgot about them. None of these strategies takes into account the actual value or legal repercussions of the archived content.

With the rising popularity of cloud-based email archiving solutions such as Microsoft's Office 365 with its hosted Exchange Online capability and Gmail with Google Vault, organizations have a choice of powerful cloud archiving platforms to migrate their obsolete SourceOne email archives to. In fact, organizations are moving to the cloud to simplify their administration, control costs, and ensure their employees have easy access to their archived email from anywhere.

For example, many cloud providers offer enhanced malware and spam protection, data loss prevention (DLP) capabilities to prevent users from inadvertently leaking sensitive information, huge or unlimited archive mailboxes (with certain subscription plans), information retention/disposition management for regulatory requirements, and eDiscovery capabilities like legal hold and eDiscovery search.

## ARCHIVE 2-ANYWHERE SOURCEONE EDITION

Archive 2-Anywhere SourceOne Edition is the next generation email archive migration solution designed specifically to work with the EMC SourceOne email archive platform. Archive 2-Anywhere is fully compatible with all capabilities and requirements of the SourceOne email archive to ensure complete, forensically defensible data migrations directly into Microsoft Exchange personal archives, Office 365, Gmail with Google Vault, 3rd party email archives, PST containers and EML or MSG formats.

## HOW DOES IT WORK?

Archive 2-Anywhere SourceOne Edition is a high performance software application which extracts complete data sets from EMC SourceOne and migrates it directly into any number of new data repositories in a forensically sound manner retaining all metadata and chain of custody. Archive 2-Anywhere is written to work at the object level and does NOT rely on SourceOne API's. This avoids the problems associated with poor data extraction APIs - which have proven to be inconsistent, slow and provide no reconciliation reporting. Archive 2-Anywhere works with all versions of SourceOne and can be installed in the existing SourceOne infrastructure or in its own physical or virtualized environment.

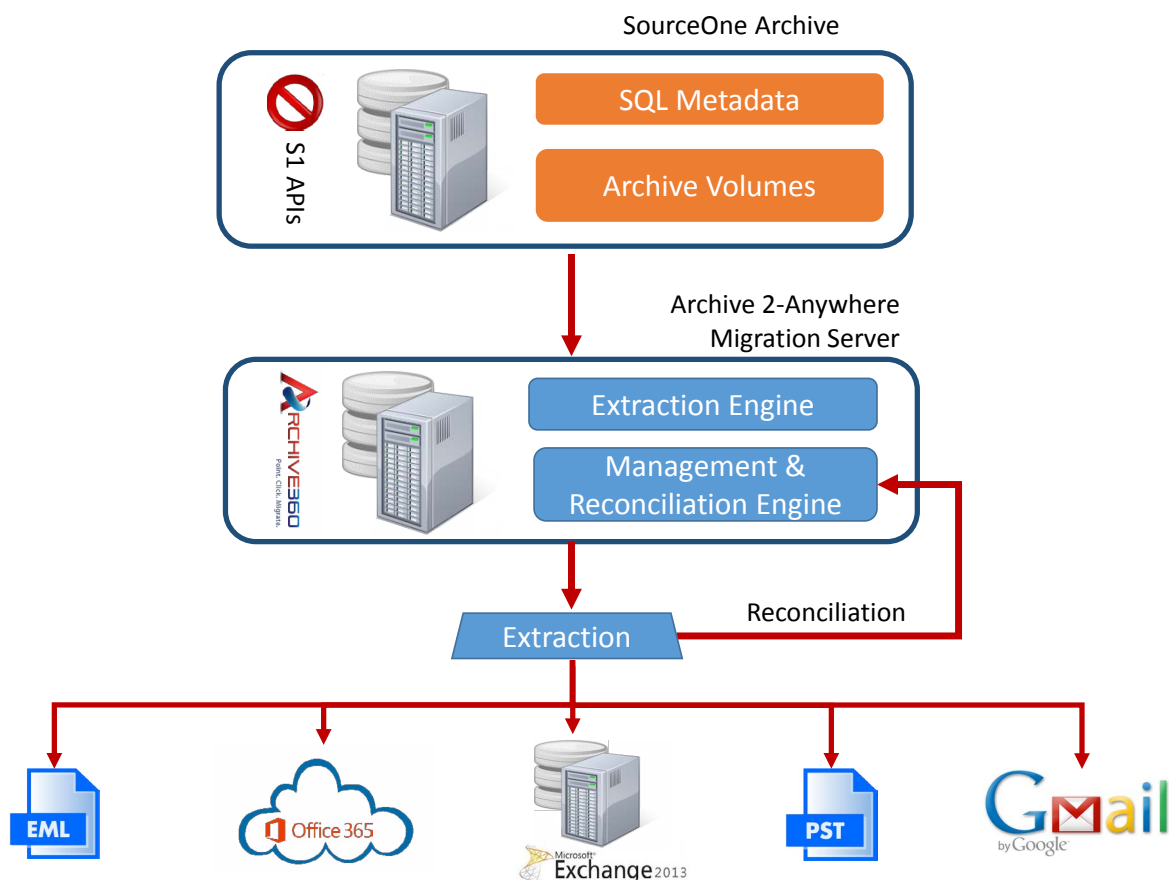


Figure 1: SourceOne Email Archive Migration

## SOLVING THE STUB PROBLEM

Like many email archiving solutions, SourceOne provides the ability to manage email box sizes by removing email messages and/or attachments from the user's Exchange mailbox and moving them to the SourceOne archive while keeping them accessible to end-users by leaving a point (or stub) behind pointing at the email message in the SourceOne archive.

Over time this capability can create hundreds of thousands or millions of stubs in Exchange mailboxes pointing at messages in the SourceOne archive. In most cases the end-user cannot tell which mailbox line items are stubs and which ones are "whole" messages. When it comes time to migrate your SourceOne archive, this stubbing feature creates several problems.

Stub Finder™ enables you to query your Exchange servers to determine the total number of archived emails on the system, the number of emails in each mailbox, the total number of stubs on the server, and the number of stubs in each user's mailbox. This unique reporting capability sets the stage for the next process in migrating an SourceOne archive.

Stub Rehydration™ combines two related processes to systematically match message stubs in Exchange with archived messages in the SourceOne archive. The first process matches up each stubbed (pointer) message in Exchange with the original message in the SourceOne archive. The second process includes the in-place restoration (or rehydrating) of the Exchange message stub with the original archived message, thus producing forensically complete messages and original folder paths. The original archived message with complete original folder structure can then be written to the new repository. Without this second step, the Exchange server would be a mess.

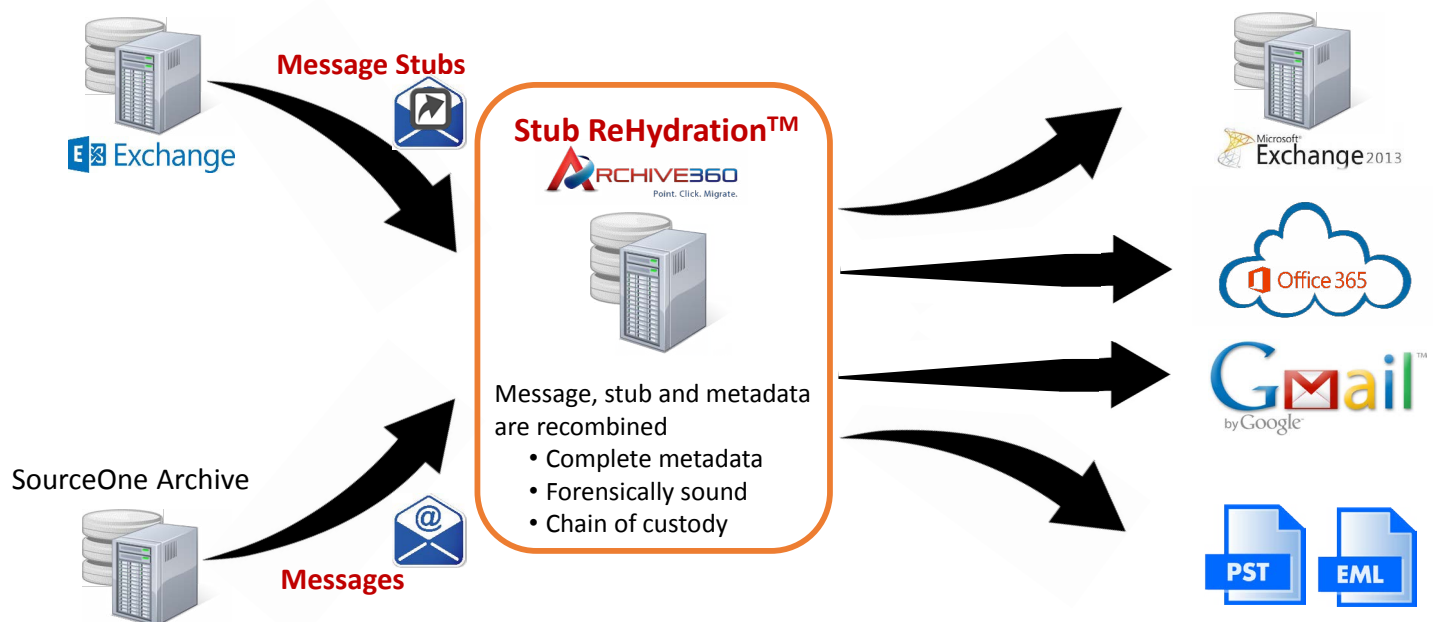


Figure 2: Recombining message stubs (shortcuts) with the archived email

## System Requirements

<b>Application / Migration Server</b>	Windows 2008 R2 Standard / Enterprise 64bit <ul style="list-style-type: none"> <li>• CPU: 16 cores</li> <li>• RAM: 16 GB of RAM</li> <li>• Application HDD: 40 GB</li> <li>• Archive Disk Storage: Archive grade or better (SATA, SAN or NAS)</li> </ul>
<b>Software Requirements</b>	<ul style="list-style-type: none"> <li>• Microsoft Outlook 2007 / 2010 / 2013 32-bit</li> <li>• Microsoft .NET Framework 4.5</li> <li>• Disable User Account Control (UAC)</li> </ul>
<b>Microsoft SQL Server</b>	Microsoft SQL 2005 / 2008 Standard or Enterprise <ul style="list-style-type: none"> <li>• CPU: 8 cores</li> <li>• RAM: 16 GB of RAM</li> <li>• Disk Storage: Medium performance grade (SATA or SAN)</li> <li>• NOTE: The Archive 2-Anywhere database can reside on the same SQL server where the SourceOne database resides. An alternate SQL server can also be used.</li> </ul>

### More Information

[Visit our website](#)

### About Archive360

Archive360 provides next generation software tools for email archive migrations. As an Independent Software Vendor (ISV) we work directly with customers and a global network of specialist partners. Archive360 solutions are designed to handle the most demanding archive migration projects in the world. We're committed to protecting your email records for every business, regulatory and end-user requirement, with complete chain of custody reporting. Whether you're migrating your data to a new on-premise archive or into a cloud solution, our products are engineered to cope with highly complex migrations and high volumes.

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