ARCHIVE360

A Unique Approach to
Overcoming Cloud Migration Failures

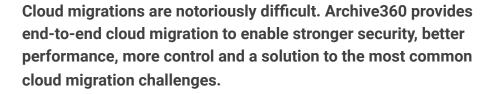**Cloud migrations are notoriously difficult. Archive360 provides end-to-end cloud migration to enable stronger security, better performance, more control and a solution to the most common cloud migration challenges.**

The cloud has become the center of workplace technology, and with that shift, the need to migrate data archives has become increasingly important. But as IT departments set out on their journey to move massive volumes of data from on-premises stores to cloud services, they quickly faced a number of unforeseen obstacles. Projects failed, overhead increased, and cloud migration soon became one of IT's biggest headaches.

A search of "cloud migration failures," yields some staggering figures. Studies have reported as high as 88 percent of cloud migration attempts involve at least one major unexpected challenge.

The causes of these issues vary between organizations, but in an estimated 90 percent of projects, issues originate with the source system, not the migration tool. Archives are overloaded by excess data and cannot handle the strain of moving data with conventional practices.

At Archive360, we get archiving, and have developed an end-to-end, fully managed solution to upend migration failures and address the inherent challenges.

Archive360 migrations by the numbers

>30 PETABYTES moved

>1,000 MIGRATIONS completed

6 MILLION MAILBOXES moved successfully

100% OF DATA accounted for

78% MIGRATE 1 terabyte per day

Move as much as **5-10 TERABYTES DAILY**

"At least 50 percent of our customer engagements are to replace another migration tool that has failed."

Tibi Popp,
Chief Technology Officer, Archive360

Our approach to Office 365 migration

Move data compressed over the network into Azure

Messages stay intact and unchanged to workaround Exchange Web Services

Eliminate batches to keep migration moving quickly

Withhold data explosions until it is moving from Azure to Office 365

Uphold journaling to ensure compliance and keep legal holds intact

Top migration challenges

Understanding the many factors that can contribute to failures is key in establishing a strategic and effective migration plan. Most migrations are executed using an API that connects the archive to the cloud provider. But when the index or metadata are corrupt, the API approach will exacerbate the problem, porting and creating more corrupt data into the cloud store. More, migrating an archive with terabytes or petabytes of data can take months—sometimes a year or more with conventional methods. Additional issues that arise include:

Network & Security

- Premises-based migration tools require pervasive network access
- Tools require a large hardware footprint to handle large datasets
- Internal and external data transfer speeds bottleneck extraction
- Lengthy completion times

Indexes & Databases

- Most archives experience index and database corruption
- API-based migration approaches rely on index accuracy
- Corruption leads to data loss and breaches in chain of custody
- Problems are often hidden until it becomes too late to fix them
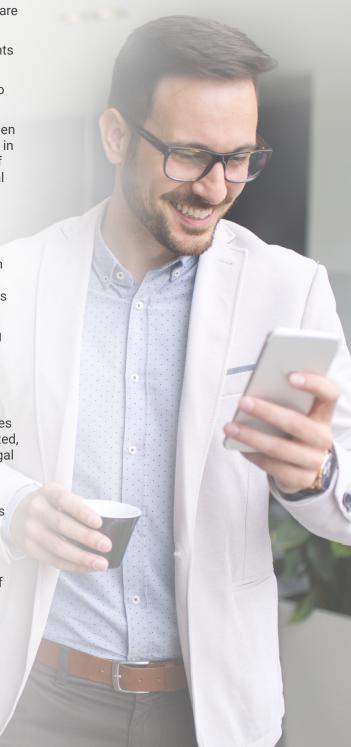
Inactive Mailboxes

- Mailboxes belonging to inactive users account for 30-60 percent of archive data
- While these are easy to overlook in a migration plan, inactive user data is still subject to retention, legal hold, eDiscovery and compliance requirements
- Monthly user-based pricing makes storing inactive data expensive
- Moving inactive mailboxes adds costs and slows down the movement of data

Stubs

- Often overlooked, stub rehydration can be IT's biggest migration nightmare
- Original message ID, metadata, and attachments are lost
- Metadata changes lead to file corruption
- IT overhead increases when support tickets skyrocket in response to separation of attachments from original emails

Office 365

- Archiving infrastructure in Office 365 is significantly different than on-premises systems
- Throughput and throttling limits create an impasse wherein the full dataset cannot be migrated
- Exchange Web Services impacts the way messages are modified when migrated, introducing significant legal implications
- Journal archives do not automatically copy emails to the archive
- Batch size limits create additional work for IT to manage the movement of more batches

"We engaged Archive360 for a customized engagement to migrate from a legacy to modern email storage technology after an unsuccessful outcome with other vendors. The Archive360 team delivered a solution that met the needs of both the User base and the IT Group, despite multiple changes in scope and duration at our direction. I would strongly endorse Archive360, and will engage them again for additional projects."

Jon Knox, *Infrastructure Technical Lead | MMG, Limited*

The Archive360 Difference

Our unique approach to archive migration is cloud-based, fully managed and doesn't require cloud experience from our customers. We offer complete data accountability and migrations at 10-20x the speed of our competitors. More than 1,000 brands have turned to Archive360 to unlock archive value trapped in on-premisess environments.

Archive360 Migration Architecture

Archive360 solves the hurdles of cloud migration through a unique approach to:

Extraction. We don't rely on APIs, and instead go straight to the source of the data. This low-touch approach means less disruption to the network, no API or speed restrictions, full data accountability and autonomy from unhealthy or corrupt databases and indexes.

Cloud infrastructure. Archive360 works through Azure to transport data, making our approach completely cloud-based and Microsoft centric. We provide a faster start and a faster finish, all while remaining cost competitive.

Execution. Migrations with Archive360 are fully managed by our experienced team and require no cloud experience from our customers. We take full accountability for the performance of our tools and environment, which reduces risk for our customers and ensures that we can adapt to unexpected circumstances and comply with data protection requirements.

Stub rehydration. IT saves time, money and headaches when stubs are handled properly in migrations. Our solution provides complete preservation of stubs, so that attachments and critical message identifiers are not lost from emails when they move to the cloud.

eDiscovery enablement. With built-in solutions for journaling, inactive users and records classification filtering, Archive360 proactively addresses legal and regulatory issues that can stop a migration in its tracks. More, it provides a foundation for ongoing data management and data discovery.

Premier Connectors

Cloud Archives

- Veritas Enterprise Vault.cloud
- McAfee MX Logic
- Micro Focus Digital Safe
- Mimecast
- Smarsh
- Global Relay
- Proofpoint

On-premisess Legacy Archives

- Veritas Enterprise Vault
- ArchiveOne / C2C
- Autonomy EAS
- Autonomy NearPoint
- Autonomy Consolidated Archive

- EMC EmailXtender
- EMC SourceOne
- Gwava Retain
- HPCA
- Opentext AXS-One

- Opentext Email Archive
- Opentext IXOS
- Commvault Simpana
- Zovy Archive
- PST

Archive360 Human-Generated Data Platform

From Archive to Asset

As an organization founded by people devoted to file and email archives, we see the enormous value that IT teams miss out on year after year. We've made it our mission to break through the outdated black box model of archiving of the past so our customers can realize the immense benefits locked inside their corporate data.

That's why we've built end-to-end, enterprise-grade solutions for eDiscovery, compliance, and privacy for the enterprise data lake archive. Our archiving solutions enable you to capture, store, and manage data of all kinds in your chosen cloud environment, meet the most rigorous needs, and have total freedom to innovate with your data.