



Migration of EU government ministry archive to Exchange 2013 and private cloud

50TB EV | 4,500 USERS | EXCHANGE 2013

In order to improve security, management and efficiency of critical email archives, this ministry within a government in the European Union (EU) made the strategic decision to migrate from its Symantec Enterprise Vault (EV) system to a private Exchange 2013 cloud environment.

> CHALLENGES

- Critical pilot project, pending migration of similar government archives.
- Strict security required.
- Needed to be transparent to users.

> SOLUTIONS

- Quadrotech Archive Shuttle used on premise.
- Quadrotech AIP for Exchange 2013 ingestion.
- Content splitting between archive and primary mailboxes.
- Synchronisation and switching of systems.

> BENEFITS

- Successful migration of 50TB of data.
- More than 4,500+ users migrated.
- Chain of custody maintained throughout.
- No interruption to users.

This was effectively a pilot project, as other government departments would use it as a model for future operations; its visibility meant there was no margin for error. The private cloud was hosted by the national telecommunications company, in which the state had a majority shareholding.

Strict security requirements meant the work involved co-ordinating three teams: the government's migration team (run by a global services vendor); the telecommunications firm's cloud specialists; and a Quadrotech's strategic consulting partner. Quadrotech Archive Shuttle was installed on premise to manage the extraction and migration process, and Quadrotech's Advanced Ingestion Protocol (AIP) was used to improve reliability and speed of ingestion into the Exchange environment.

The migration project had severe time constraints, as during the planning phase several security audits took longer than anticipated.

Another problem was that, of the 50TB of source data, much related to staff who had since left the ministry or who had taken up positions in other government departments. In order for the archive to remain an accurate record, these 'leavers' had to be identified and migrated in 'legal hold' status. In total, over 4,500 users' archives were safely migrated.

The project involved identifying and splitting data over two years old into an Exchange 2013 archive mailbox, with everything more recent forming part of the primary Exchange environment.

The whole migration needed to be transparent to users, so the move of primary and archive data was closely co-ordinated. When all data was in place in the cloud environment users were seamlessly switched to the new system.



About Archive Shuttle

Archive Shuttle is a proven archive migration tool, refined to accommodate most scenarios and potential issues and also providing an intelligent, end-to-end approach to help complete email migration projects much faster. Its flexible architecture and modular approach address various levels of size and complexity.

By uncoupling data synchronization from the user migration, Archive Shuttle's Sync 'n' Switch process minimises user disruption while email is migrated from legacy archives to current platforms such as Enterprise Vault 11, Microsoft Exchange 2013 or Office 365.

Advanced Ingestion Protocol (AIP):

Significantly improves speeds when migrating to Exchange or Office 365 compared with traditional EWS or MAPI transfers.

Lowest TTFI (Time To First Item):

TTFI is the speed in which a customer can get from project start, to actual item migration. On average, Archive Shuttle achieves TTFI in less than 2 hours.

Secure migration:

During the migration process, email content never leaves the premises. Metadata about the messages is used to log and track progress throughout the project.

Independent certification of data integrity:

Gold Certification by independent market analysts MigrationForensics confirms the speed, safety and compliance of Quadrotech's approach.

Chain of custody, logging and audits:

Full logging and reporting is provided during the export and import phase.

Optional cloud deployment:

Archive Shuttle's core and SQL servers can be hosted in Quadrotech's datacentre, enabling rapid deployment when customer hardware and software resources are limited.

About Quadrotech

Quadrotech specializes in email migration projects of all sizes. In the past two years alone, we have migrated over 11.6 Petabytes of data and almost 4.7 million mailboxes. Our single-vendor approach allows the management and co-ordination of migration across four email content locations. We provide direct export and import connectors for the major on-premises, cloud email, and archive platforms.

Our services don't stop at migration. We are also the market-leading provider of Office 365 reporting, analytics and auditing tools. Offering a suite of over 100 reports covering all major Office 365 services, our reporting solutions help customers gain the business insight to control their Office 365 environment on a global scale.