

O365 MIGRATION

BUSINESS REQUIREMENT

The Customer needed to migrate from on-premises server management to Office 365-based technologies and establish a resilient infrastructure involving Microsoft Office 365 at the primary site domain. The customer needed a company that could provide a collaborative business eco-system, harness the abundance of cloud technology, reengineer their corporate exchange tools, and provides the flexibility they require to keep pace with their rapidly changing enterprise.

The need was also to futurize and migrate from unstructured exchange services to hybrid cloud and to comply with the corporate policies while performing modernization

CUSTOMER OVERVIEW

The Customer is a Technology company focused on cloud-enabled business solutions and services that provide their clients with the flexibility to deliver smart, scalable IT services to businesses anywhere at any time. Their innovative solutions and services provided are delivered by first-class strategic partners that are OEMs, Cloud Service Providers, and global leaders. The company's Cloud Services IT consultants are highly skilled cloud solution experts, committed to providing an in-depth assessment of IT architecture and identifying new cutting-edge cloud-enabled solutions customized to meet their client's business goals.

CUSTOMER CONTEXT

The Customer presently operates several branches and had multiple challenges in maintaining, supporting, and protecting their Core platform, existing applications as well as mail infrastructure. The customer has been transitioning from an on-premises centralized IT infrastructure to a cloud-inclusive one that incorporates cloud-based personal productivity workloads, applications, and hybrid scenarios. With a rapidly growing business ecosystem, the customer needed a partner with substantial knowledge of cloud migration techniques, security, backup, and disaster recovery.

KRYPTOS APPROACH

As a global leader in information management and migration, the Kryptos team understood the customer's challenges. Kryptos promptly started by analysing business needs through a fit-gap analysis. The results were shared with the customer and other stakeholders. Based on the analysis, more than 1,000 on-site users have been migrated to Office 365 using Kryptos' mail migration technique. Since it was a Hybrid Migration, we had to install Azure AD Connect to Sync the Users to the O365 portal. Kryptos also enabled tailored security and management features from Windows 10 combined with additional features such as Enterprise Mobility and Security.

CHALLENGES & OUTCOMES

01

Hybrid Identity verification and Duplication Management

While Kryptos installed Azure AD connect to Sync the Users to the O365 portal, the customer had already created similar accounts in O365 and assigned licenses which created duplicate accounts. In order to fix the duplicate account issues, we had to delete every created account and update their UPN to match the accounts created in the O365 portal, and resync the account. For some users, additional mailboxes were also created so we had to perform a hard match by updating their GUID values.

02

O365 Server availability and Azure Blob usage

The customer's mail server was down during the final stages of migration, so we manually imported 90 users' mailboxes from their backup. Using Barracuda Archiver, we exported the emails to a local server, post which we uploaded the file to Azure blob storage and then imported the emails back to the user's mailbox.

KRYPTOS DELIVERABLES

- Primary Site - Integrated Office 365 Business Premium edition and Migrated 1,000+ users from on-premises to mail cloud with an overall data size of 15+ TB.
- Enabled full spectrum of Microsoft 365 Enterprise security features for identity and access management, threat protection, information protection, and security management.
- Enforces customer's data security policies with Microsoft 365 Enterprise information protection.

BENEFITS

1. Simplified Administration

Microsoft 365 apps for the Enterprise infrastructure deploy and automatically installs updates for the Microsoft Office suite productivity software.

2. Lower Cost

Cloud services shift expenses from upfront hardware and software costs to economical pay-per-use operating fees, with no long-term commitments.

3. Higher scalability & availability

Windows 10 Enterprise infrastructure deploys and automatically installs updates for all devices running on their primary PC and with their native device operating system.

4. Advanced security

Identity in the cloud solution leverages their on-premises Active Directory Domain Services (ADDS) forest and includes federated authentication with their existing trusted, third-party identity providers.

5. Improved business agility

Cloud-based solutions open doors to faster innovation, improved staff and partner access, and quicker time-to-market, often provisioned in minutes versus weeks for on-premise solutions.