ONEDRIVE FOR BUSINESS DATA MIGRATION SERVICE

BENEFITS

- **Easy** - No software to install and totally transparent to users.
- **Predictable** - Pre-migration scan identifies possible issues before the data migration is performed and the continuous, multi-pass operation ensures that the destination system files precisely mirror the source system.
- **Comprehensive** - Preserves folder permissions and all file meta data, ensuring e-Discovery, user searching and other tools and workflows are not impacted. Even external links to shared files in cloud file storage are replicated.
- **High Performance** - Architected for scalability, with typical performance of .5TB/hour on a 1Gbit connection to on-prem storage.
- **Flexible** - Service provided on a SaaS basis or in customer's Microsoft Azure tenant.
- **Secure** - Files streamed from source to destination via HTTPS (256-bit AES encryption), with no data staged, written to disk or saved by e-Share.
- **Broad Source Storage System Support**
  - Box
  - Dropbox
  - Google Drive
  - Windows File Servers (source only)
  - NAS - NTFS/CIFS/SMB (source only)

OneDrive for Business has enabled organizations to become more productive and flexible, while reducing IT costs. But the adoption of OneDrive is often held back by legacy bulk-move migration approaches that are slow and manually intensive. This is especially true of network attached file storage and cloud file storage that contain user files that are not supported by Microsoft's Known Folder Move migration tool.

With legacy approaches, newly created and/ updated file changes on the source system must be manually identified and transferred to OneDrive. And legacy approaches often don't automatically remedy issues, such as path length and file size limitations, requiring manual resolution of failed transfers. Worse, they force enterprises into hard cutovers, preventing users from transitioning to OneDrive at their own pace, creating work and worry for IT.

e-Share's Cloud File Storage Migration service and its underlying technology stack were purpose-built to accelerate the adoption of OneDrive by automating the migration of files from another cloud file storage provider, or from a user's mapped "home drive", to OneDrive.

MIGRATE WITH ZERO IMPACT

- **Transition at Your Pace** – A continuous, multi-pass operation ensures that OneDrive's files precisely mirror the source system. This allows users to safely and confidently move to OneDrive at a time and pace that works for them and their organization, ensuring no productivity or operational impact on the user and the organization.
- **Meta Data Preservation** – All file meta-data is preserved during the migration, including file creation modification dates. This ensures that existing eDiscovery tools, user search habits and other tools and workflows are not impacted by the migration.
- **Permissions & Sharing Preservation** – The migration process preserves all file/folder sharing permissions, including emailing links to external recipients with whom files have been shared out of the source cloud file storage (i.e. create an e-Share "Trusted Share" if the e-Share External Collaboration System is also being used).

MIGRATE WITH NO SURPRISES

- **Pre-Migration Scan** – A pre-migration scan identifies possible issues before the migration is performed (e.g. file size and path length limits) and reports on what will be migrated (e.g. users, file count, etc.).
- **Migration Integrity** – File migration integrity is ensured through checksums of the original and copied file.
- **Complete Auditing** – And of course, a full audit log of all activity is created, along with detailed reporting to provide assurance as to what was successfully copied and to where, as well as any failed transfers.

EASY

- **No Software to Install** – The e-Share date migration service does not require you to install an agent or host an application. All of the system components are hosted by e-Share and provided on a single-tenant, SaaS-basis.
- **Automatic Storage Connection** – For cloud-to-cloud migrations, the migration service connects directly to the cloud file storage services using provided admin accounts.

HIGH PERFORMANCE

- **High Speed On-Prem Storage Connection** – For migration of on-premises storage to cloud file storage, a point-to-point IPSEC VPN connection is required. e-Share uses the Cisco Adaptive Security Virtual Appliance (ASAv) and finds that its clients often do as well. A 1Gbit connection allows for migration throughput of .5 TB per hour.
- **Inherent Scalability** – The e-Share migration service is inherently scalable, with as many CPUs committed to the project as is needed to meet the organization's migration load and timeline.

FLEXIBLE ARCHITECTURE

- **SaaS & On-Prem Usage** – The e-Share migration service, though typically provided on a SaaS basis, can also be provided through an on-prem deployment of the migration platform.
- **Azure Support** – The e-Share migration platform can additionally be deployed to your Azure resource group.

SECURE

- **Exceeds Best Practices** – The e-Share data migration platform is architected to meet the stringent requirements of the most security-sensitive organizations. In addition to always meeting and often exceeding industry best-practices for cloud service providers, your data is never staged, written to disk or saved by e-Share.
- **Direct Streaming via HTTPS** – All content is streamed directly from the source storage system to the destination system via HTTPS (256-bit AES encryption).

Source Provider

Box
Dropbox
Google Drive

OneDrive

Cloud Providers

e-Share Data Migration Service (an Azure Cloud Service)

Cisco ASAv Point-to-Point IPSEC VPN

Customer Premises

Point-to-Point IPSEC VPN

SMB/CIFS

NetApp Dell/EMC/Isilon Other

Windows Server