Storage Made Easy®

Providing an Enterprise File Fabric™ for

SharePoint and Office 365
Adding SME ‘Cloud Control’ to SharePoint & Office 365 environments has the following benefits:

1. Secure files
2. Track use
3. Control using policies
4. Inform the Business / IT

This white paper goes into further detail of how the Storage Made Easy Cloud Control solution can help secure Office365, SharePoint and other company data stores.
Storage Made Easy extends the use of SharePoint and Office365 in 5 critical areas:

1. **Enabling sensitive data to be encrypted** with a private key prior to being stored on SharePoint or Office 365. The private key is then needed before the file can be retrieved and viewed.

   ![](image)

   - **Encrypt files**
   - **Encryption phrase**
   - **Repeat encryption phrase**
   - **Show phrase**

   This phrase is a key that will be used to encrypt the file. **You need to remember** it to decrypt the file later. It is not stored on our server to ensure security. If you forget this phrase you will not be able to decrypt the file.

   ![Encrypt files](image)

   - **Generate link**
   - **Send link by email**

   ![Generate link](image)

   

   2. **Enabling share data to have file sharing policies** in which, for example, a password has to be assigned and / or links are set to be time expired.

   ![Generate link](image)

   This feature can work not only from the web but also with an Add-In integration directly in Microsoft Outlook. A similar add-in integration for Mac users that use Office365 and SharePoint extends Mac Mail with similar controls to the Outlook Add-In.

   3. **Full file event auditing** for all Office 365 / SharePoint file events.

   ![Organization activity logs](image)
4. **Enabling key SharePoint data or Office 365 data to be backed up** to other private or public storage clouds.

This provides a mechanism to backup infrequently used file to cheaper storage options or to keep copies of files available in the event of disaster recovery.

5. **Audit Watch**

Cloud administrators can set up an Audit Watch on files which enables them to be informed in real time of any file activity on any file or combination of files, or even a folder, that is stored on SharePoint / Office365. Once the designated file event takes place the administrator will receive an alert informing them of the event and which user invoked the event.

This can be extremely useful to keep informed of file access, changes, sharing or downloads on any type of file.
SUMMARY: KEY BENEFITS

- Improve security of corporate SharePoint / Office 365 data
- Control File Sharing Policies with password and time expiry options
- Integrate into best of breed business productivity tools as Outlook / Mac Mail
- Obtain end-to-end audit trails for file links shared “off-premise”
- Demonstrate legislative compliance ie. FDA, HIPAA, SOX, FERPA
- Improve productivity and collaboration efficiency
- Backup SharePoint / Office365 data to other Cloud Data Stores

Cloud Control = Security + Intelligence
The Storage Made Easy EFSS solution is storage agnostic and can be used as an Enterprise File Share and sync solution with one or more public or private storage clouds.

The solution allows IT to regain control of "cloud data sprawl" by unifying private / public company data and privately used employee cloud data solutions into a single converged infrastructure. This can easily be managed and be used to set and enforce governance and audit controls for file access and sharing in addition to providing deep content search of indexed data.

This approach provided a solution to the "shadow IT" conundrum and makes it possible for companies to find a balance between the protection of corporate data and employee data by allowing businesses to monitor, secure and audit all data silos, be they private or cloud or company or employee, from a single access point.

More information can be found at www.StorageMadeEasy.com
ABOUT

STORAGE MADE EASY®

The Storage Made Easy Enterprise File Fabric™ enables IT to regain control of "cloud data sprawl" to unify on-premises and on-cloud files into a single easily managed converged infrastructure with policy-based controls for governance, audit and security.

The File Fabric solution provides a "blanket" enterprises wrap around all their data: on premises, within public and private clouds, as well as on third-party software vendor clouds (SharePoint Online and Salesforce for example).

Customers use the SME File Fabric product to unify corporate data to enable workgroup collaboration with universal controls for security, encryption, audit, and data access. Companies will have access to a greater understanding of where and how sensitive data is stored, transferred, and accessible with particular focus on how companies are able to police and audit data to ensure enforcement of the General Data Protection Regulations (GDPR) in addition to other regional data legislation.