

Cloud2Drive _Feature Overview



SECURITY



AGGREGATION



FLEXIBILITY



EASE OF USE



AVAILABILITY



FILE INTEGRITY

Security

Cloud2Drive encrypts data on-the-fly and in real-time, granting an additional layer of security separate from the cloud, ensuring that even the cloud provider has no chance of making sense of private data. Mathematically 25 Eon's (Eon = 1,000, 000, 000 years) would lapse if all the earth's cumulative computing power was directed towards trying to crack Cloud2Drive's data encryption. Using a patent pending algorithm that harnesses content slicing and obfuscation organizations that use Cloud2Drive are rendered compliant to all security mandates contained within the following regulations; PCI DSS, HIPAA, CASB1386, GLBA, DoD 5015.2, as well as others... Easily obtain complete control over who within your organization can access specific data. Prevent the distribution of files or directories to those who shouldn't have access to them.

Aggregation & Migration

Tether unlimited cloud storage providers together to create a storage pool that scales to fit the needs of any enterprise. These storage pools can be split up into one or many virtual drives and used directly through the native operating system of all major platforms. Data migration is made possible from one cloud provider to another with absolutely no interruption of the users' workflow. With the ability to tether unlimited cloud storage providers, Cloud2Drive can scale to suit the needs of any environment. Aggregate clouds can be configured for high performance (similar to RAID-0) or high-availability and fault-tolerance (similar to RAID-1). This allows an extreme amount of flexibility for all use cases. Cloud2Drive has wide cloud and non-cloud support and can virtualize remote storage accessible via the following protocols: Microsoft Azure native protocol, Amazon S3 native protocol, OpenStack Swift, FTP, FTPS, SFTP, and WebDAV.

Flexibility

Cloud2Drive is completely cloud agnostic, this allows for portions of storage from different clouds (Microsoft Azure, Amazon S3, OpenStack, SFTP...) to be concurrently mounted as one (or multiple) virtual drives. Access is unrestricted from any location on all major platforms (Windows, iOS & Android). As we are a software-only solution you are able to use Cloud2Drive on your device of choice (phone, tablet, computer) and there is no need for additional hardware VPN's, key fobs or tokens.

Ease of Use

Cloud2Drive adapts to the way people are already working by using the native OS file structure to access content. All non-cloud-ready applications and computer programs instantly become cloud-ready, because storing data with Cloud2Drive stores data in the cloud, transparently. As Cloud2Drive can be installed via script and can import user profiles from the Active Directory there is zero learning curve for the end user. All features are delivered silently, with no user action required.

Availability

Welcome to true artificial intelligence, Cloud2Drive's patent pending technology allows for the user to access unparalleled amounts of data while offline. IE. If your local drive is only megabytes you are still able to access petabytes of data. While online A.I. learns how each member of your organization uniquely and individually works, data forks collect micro-data based off how you work day in and day out. The A.I. understands to 99.98% accuracy what the user will need next and uses that information to ensure speed and data availability.

Integrity

Cloud2Drive's patent pending data corruption prevention core engine solves the obstacle of accidental override and incidental data loss using distributed virtual file locks to actively and effectively ensure data integrity at all times. Even offline operation once reconnected is automatically synced to the cloud using these principals. Differentiating file names and automatic versioning are utilized when necessary and no user action is required. Cloud2Drive's cloud cluster file system has enabled the world's first true cloud-file-sharing system.

