



Symform Cloud Storage Network

Revolutionary Cloud Storage for Best Economics and Performance

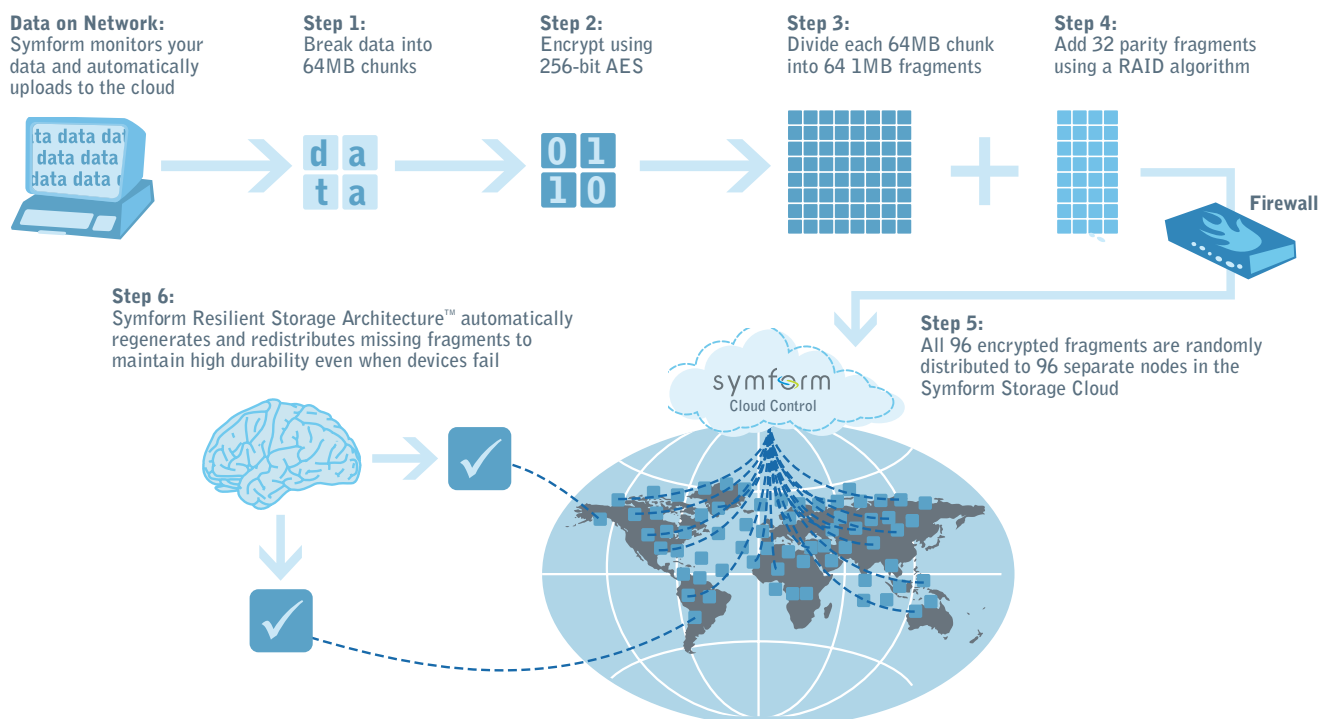
Symform is the only distributed cloud storage network on the market. This innovative approach to data backup provides the most economical, high-performing and secure storage solution available today. Symform is designed for organizations that have to manage and protect large amounts of data – hundreds of gigabytes to terabytes– and don't want to keep building out infrastructure. It is the ideal solution for automated offsite back-up and disaster recovery of critical data from any device. Symform is a peer-to-peer cloud network. Organizations join the Symform network by contributing excess local storage in exchange for inexpensive, fast and secure cloud storage.

Seamless Extension of Onsite Storage and Flexible Data Sync

Symform seamlessly extends existing onsite storage solutions to provide reliable and fast cloud backup. While many solutions are proprietary or work with only limited platforms or device types, Symform works with all major file and image-based backup solutions. Symform's file-based synchronization approach can sync data between existing backup solutions and the Symform cloud or across multiple devices. For additional flexibility, data synchronization and contribution to the network can be from the same or different devices. Many solution providers choose to contribute on behalf of their customers. Symform makes initial seeding and recovery easier with innovative approaches, such as Turbo Seeding and Instant Restore.

Highlights

- ➔ Most affordable cloud storage with unlimited storage for a low flat fee
- ➔ Peer-to-peer network for highly scalable and secure distributed data storage
- ➔ Extends on-premise storage for seamless cloud backup
- ➔ Flexible data synchronization & contribution from any device
- ➔ Web-based management and dashboards with automated monitoring and reporting
- ➔ Turbo Seeding and Instant Restore to get data to and from the cloud quickly



Symform is a revolutionary, distributed data storage network that encrypts, shreds and geo-distributes data across a global network



Symform Key Features

ADMINISTRATION	
Feature	How it works
Cloud Control	The Symform central nervous system, which orchestrates the distributing, monitoring, and restoring of data, while ensuring all data is safe.
Installation Wizard	In just six simple steps, Symform is configured and ready to store data in the cloud.
Alerts & Reports	Get daily status reports on all devices using the Symform software and service.
Real-time Dashboards	Login to the Symform Dashboard to review overall usage, see the status of transfers, recover deleted files, and more.
Folder Mapping & Sharing	Map folders and sync paths across multiple devices and the cloud; Configure Instant Restore nodes for fast folder recovery.
ConnectWise Connector	Seamless integration with ConnectWise PSA to set products and pricing, synchronize customer & usage information, generate support tickets and manage invoices.

DATA PROTECTION	
Feature	How it works
Resilient Storage Architecture	Patented architecture that powers the Symform process of encrypting, shredding and geographically dispersing each piece of data redundantly to thousands of locations around the world to ensure security, high availability and durability.
Data Encryption	Symform automatically encrypts each block of data using federally certified AES-256 encryption algorithm (Federal minimum is 128-bit encryption – 256-bit encryption is exponentially stronger).
Key Management	Symform manages each unique key as part of block information in Symform Cloud Control, eliminating both the human generation and management weak links. Symform's protection ensures that even in situations where customer keys are compromised, the data will still be protected.
RAID 96 Redundancy	RAID is a storage technology that provides increased reliability and functions through redundancy, and it's common to hear of RAID5 or 6. With Symform's innovative RAID 96, each encrypted block is subdivided into as many as 96 redundant fragments, with any 64 fragments sufficient to restore the encrypted block.
Fast Geographic Distribution	96 data fragments are stored on 96 random nodes in different locations around the globe. The data fragments are distributed over parallel Internet connections, resulting in as much as 10 to 50 times faster transfer speed.
Locked File Backup	Using Microsoft Volume Shadow Copy Service (VSS), Symform can backup locked files such as Exchange mailboxes and SQL databases.
Dynamic Self-Healing	Cloud Control constantly monitors all devices in the network, and when it detects a storage node has failed, it automatically triggers regeneration of the fragments that were stored on that node and repopulates them elsewhere in the network, preventing data loss.

DATA TRANSFER AND MANAGEMENT	
Feature	How it works
Continuous File Sync	Symform dynamically detects local changes to files and synchronizes them in the storage cloud.
Multiple Device Sync	Synchronization of data across multiple devices, including Windows based PCs, network attach storage (NAS) boxes, and other devices.
Intelligent Bandwidth Management	Maximizes throughput by optimizing data transfer during certain hours or low volume periods. Configure bandwidth amount and time of day.
Mirror Imaging	Simply point Symform at the files for backup, and Symform creates a mirror image of that data in the cloud.
Instant Restore	Host a "Hot Standby" copy of data at a secondary location for instant restore. Symform monitors the source data and copies any changes to the hot standby location as well as the cloud.
Parallel Upload & Restore	Symform seeds and restores data fragments across 96 different network nodes, utilizing existing Internet speeds of each connection without bandwidth throttling to optimize data transfer and restore speed.
Turbo Seeding	Seeding is available from any global location. By shredding the data into fragments and importing them into your contribution device, data is instantly in the "cloud".
Flexible Sync & Contribution	Choose devices for data synchronization and for contribution to the network. These can be different devices and different locations.
Global De-duplication	Copy data to multiple locations for seeding, and Symform's global de-duplication maximizes transfer time, ensuring no two blocks of the same data are uploaded. Symform also de-duplicates data blocks without needing to decrypt them, so if the block already exists in the system, it will not need to be re-uploaded or stored.
QNAP Integration	Easily upload data from a QNAP Network Attach Storage (NAS) device to the Symform cloud for secondary backup.

No Per-Gigabyte Pricing or Data Volume Limits

The current cloud storage model is broken with most pricing complicated and costly. **Why is it that a 2TB drive costs less than \$100 and lasts for years, but two terabytes of cloud storage can cost \$1000 per month?** With its revolutionary contribution storage model, Symform has vastly simplified the cost structure, allowing users to **say goodbye to per-gigabyte pricing and hello to free or flat fees.** Symform provides up to 200GB of free storage and unlimited storage for a monthly flat fee.

About Symform

Symform is a revolutionary cloud storage and backup service. Unlike centralized storage, the Symform Global Cloud Storage Network encrypts, shreds and geo-distributes data for cloud backup that is faster, more affordable and more secure. Customers join the Symform network by contributing excess local storage and, in exchange, receive secure cloud storage. Join the revolution today by emailing info@symform.com.