

# WOWRACK

## CLOUD GATEWAY

Secured by SPx™



### With the exponential growth of data, cost effective solutions to store and manage data are a necessity.

As more and more data is generated, storage systems and their associated costs continue to grow. Finding ways to cost-effectively store and manage enterprise data is necessary. Cloud-based storage has a number of benefits, including moving capital expense to operating expense, increased scalability and agility, and allowing IT resources to refocus on strategic initiatives and innovation. Many companies are considering a move to cloud-based object storage, but they have serious concerns about data security, data privacy, data ownership, data availability, control (data and encryption keys), and API support costs.

### Cloud concerns are a thing of the past.

Wowrack Cloud Gateway is a virtual storage appliance that securely connects users to object storage, making it look and work just like local storage. It uses a groundbreaking, advanced data-centric security technology, SPx™, to protect and move data to most any object storage repository. Instead of transmitting and storing data intact, Wowrack Cloud Gateway encrypts and randomly splits the data into secure shares, then uploads the shares across multiple cloud vendors or locations. It combines the ultimate in data security, privacy, high availability, and disaster recovery into a single product that is easy to use and highly scalable (see figure 1).

### Beyond Encryption

- Provably secure data protection (FIPS 140-2 certified)
- Data privacy
- Meets HIPAA compliance requirements
- AES-256 plus keyed randomization
- Resiliency for multi-fault tolerance
- Geographic separation of data shares for high availability and disaster recovery
- Cloud Spanning across multiple providers

### Easy To Use

- Easy to install and use, no special programming or APIs required
- Simplified key management
- Easily integrates into existing IT infrastructure
- Transparent to end user
- Mounts as NFS, CIFS or iSCSI
- Negligible impact on compute resources

### Cost Efficient

- Low TCO (no need for expensive, proprietary storage solutions)
- Low maintenance overhead and near zero administration
- Highly scalable
- Key management integrated directly into software, no additional hardware required

The HIPAA compliant patented SPx™ technology is the security foundation of Wowrack's Cloud Gateway solution, protecting your enterprise data whether at-rest, in-motion, or in the cloud. This groundbreaking technology saves money by moving, storing and archiving data in low cost cloud object storage.



# Cloud Spanning

Wowrack Cloud Gateway is the only cloud storage gateway on the market that uses cryptographic splitting to enable both security and the ability to store your secure data with multiple cloud providers simultaneously. Since this process includes added data resiliency, fault tolerance, and disaster recovery, architectures can be implemented that allow for the loss of an object store without losing access to data. This unique design means data only leaves the gateway after it is encrypted and cryptographically split. Data is completely private and the cloud vendor cannot view the encrypted files stored on their servers. Each vendor has a partial piece of the encrypted data and never has access to the key.

The path to the cloud has never been easier and more secure. Wowrack Cloud Gateway's unique capabilities allow enterprise data to be secure no matter what the environment; all while providing for a low Total Cost of Ownership (TCO) and meeting the strictest compliance requirements.

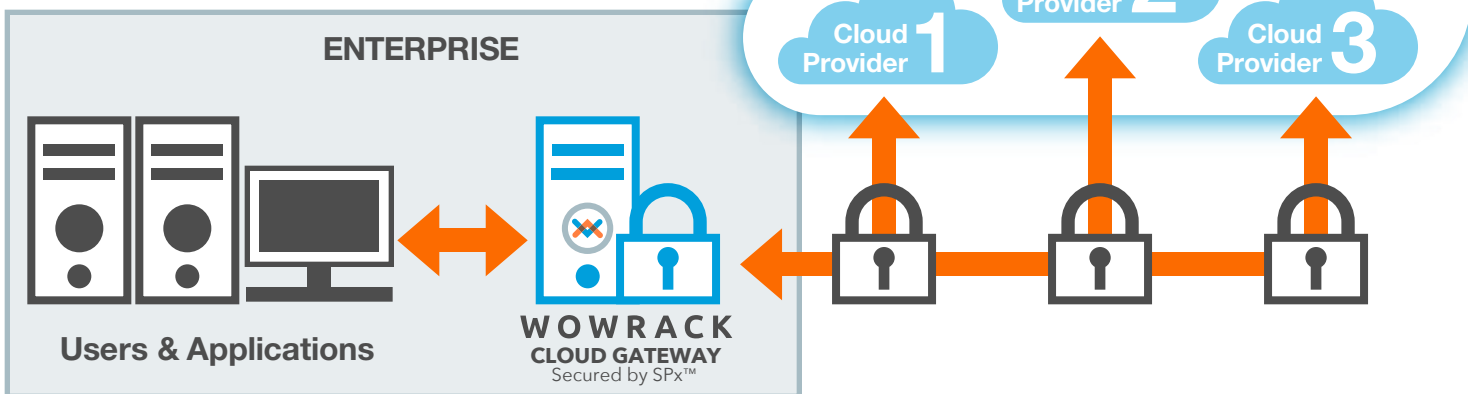
# Works with Multiple Cloud Providers

**WOWRACK** 



Figure 1

## Wowrack Cloud Gateway Overview



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