

Encryption & Key Management

A **CyberConverged** architecture eliminates attack vectors and outperforms competitors by reducing IO and overall architectural complexity.



BrickStor SP is a CyberConverged™ network attached storage (NAS) solution with scalable capacity and performance. BrickStor SP automatically protects your data and ensures continuous compliance without complication.

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Encryption

- FIPS 140-2 validated self-encrypting drives for 100% encryption
- AES-256 dataset encryption for double encryption using the Intel AES-NI instruction set
- Replication streams protected with a second layer of encryption
- Back up data to the cloud and keep the keys local (BYOK)
- Reduce management complexity and administration
- NIST compliant data purge
- Cryptographically secure access with the Instalock feature
- Rapid data erasure in less than two seconds

Key Management

- Transparent key management
- Schedule automated key rotation
- Automatic key validation
- Complete audit log of key activity
- Doesn't Require an external key manager
- Compliant with KMIP enterprise key managers
- Use your own keys or automatically generated random keys

