

SCALE-OUT NAS DATA PROTECTION

Bring Efficiency to Scale-Out NAS Backup and Restore,
Reduce Costs by Over 50%

REDUCE DATA PROTECTION COSTS BY OVER 50%

File-based storage systems, such as scale-out NAS, have become more sophisticated, storing and delivering data to applications and users at an ever-increasing scale. With scale comes challenges, such as how to protect data effectively and efficiently without sacrificing recoverability. Data volumes continue to grow, and enterprises are looking for better ways to protect their unstructured data.

Quantum delivers a data protection solution for scale-out NAS, leveraging its software-defined platform as a cost-efficient data repository and a fast data mover to complete backups within a given window.

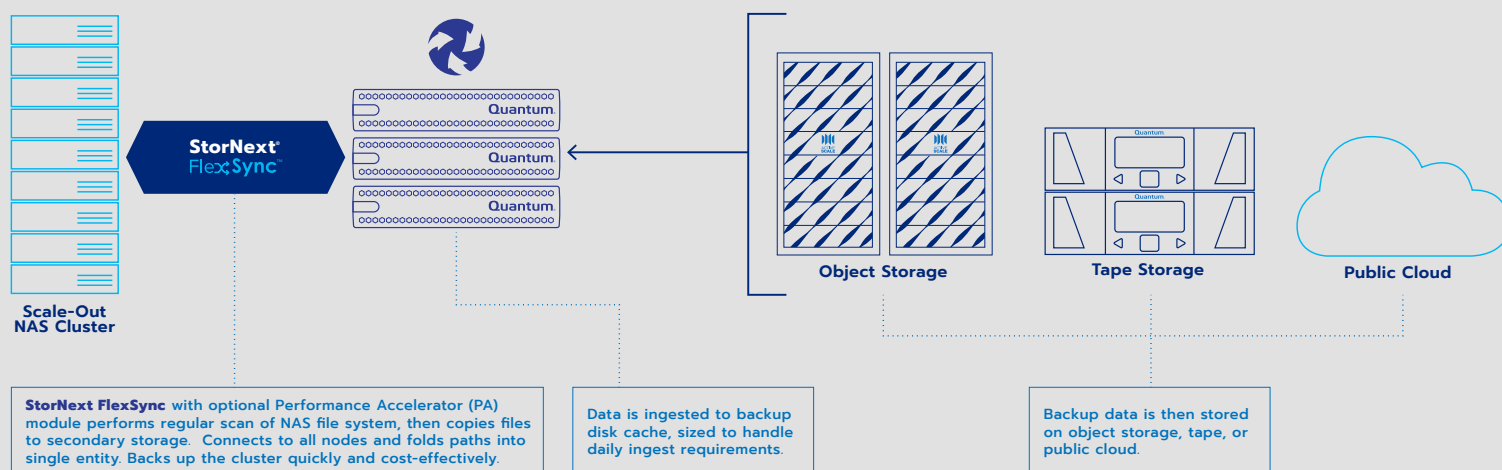
HOW OUR SOLUTION WORKS

Quantum's FlexSync™ and optional Performance Accelerator (PA) software enable fast backups by connecting to all available nodes simultaneously and folding paths into a single entity. As shown in the diagram below, FlexSync copies data to a StorNext® system; data is stored on a disk cache and then moved to either object storage, tape, or public cloud archive storage.

BUSINESS BENEFITS

- **Over 50% Cost Reduction on Backup Storage**
FlexSync backs up data to a StorNext storage system with object, tape, or public cloud as cost-efficient tiers.
- **Complete Backups Faster**
FlexSync and optional Performance Accelerator software connect to all available nodes simultaneously and fold paths into a single entity for fast backup and restore.
- **Protect Against Ransomware and Cyber Threats**
Secondary storage options provide offline, air-gapped backup copies to protect against ransomware.

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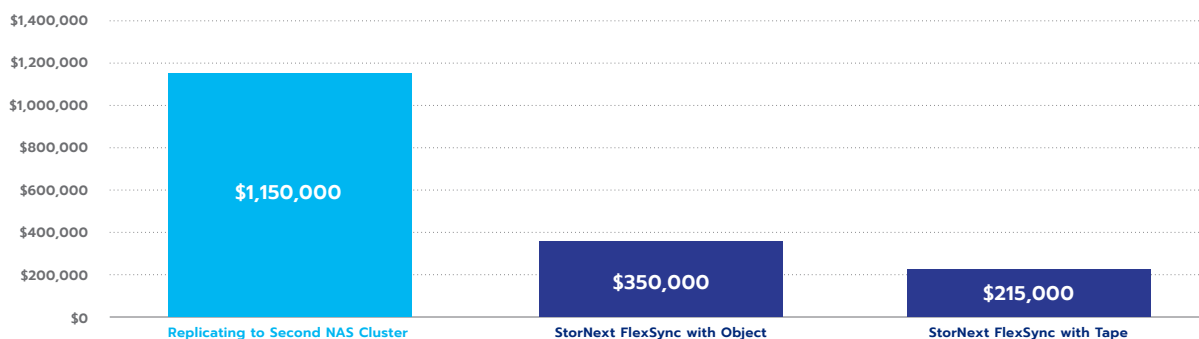


Production NAS environments experience a negligible impact on its performance, while a backup copy of data is stored on more cost-effective storage. Customers opting to use tape as a lower-cost tier may also benefit from Quantum's Tape Active Vault feature. Tape Active Vault is unique in its ability to ensure protection against ransomware, delivering true offline, air-gapped storage.

QUANTIFYING COST SAVINGS

As shown in this TCO comparison, an enterprise with 1 PB of scale-out NAS storage may achieve over 50% cost savings over three years relative to using replication as a protection method.

Comparing TCO Between Approaches



For more information, visit: www.quantum.com/nas-backup

Quantum

Quantum technology and services help customers capture, create, and share digital content—and preserve and protect it for decades at the lowest cost. Quantum's platforms provide the fastest performance for high-resolution video, images, and industrial IoT, with solutions built for every stage of the data lifecycle, from high-performance ingest to real-time collaboration and analysis and low-cost archiving. Every day the world's leading entertainment companies, sports franchises, research scientists, government agencies, enterprises, and cloud providers are making the world happier, safer, and smarter on Quantum. See how at www.quantum.com.

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