

The sheer volume of unstructured data businesses need to succeed in today's data intensive environment — whether it's high-resolution 4K or 8K video, 3D or virtual reality content, medical imagery, research data, or data for training and maintaining artificial intelligence and machine learning solutions — is pushing legacy storage technology solutions to their breaking points.

Your business doesn't succeed simply by storing data — it prospers by using that data most effectively. As a result, not only is capacity an issue, but so is accessibility, data protection and the use of the cloud for establishing the right balance between cost effectiveness and performance.

Clouidian's HyperStore scale-out object storage system overcomes these challenges by providing unprecedented levels of scalability, manageability and flexibility. Combining HyperStore with Quantum's StorNext high-performance, multi-tier shared storage platform creates a highly-scalable storage solution that provides transparent access and visibility among storage tiers.

With StorNext advanced data management, customers can use HyperStore as an extended online storage target for tiering, allowing storage to be managed across multiple physical sites. Clouidian's automatic data verification and self-healing functions provides reliability and resilience against hardware failures, while it's data encryption in-flight and at rest safeguard valuable assets against threats of deletion or theft via ransomware. Policy-driven data replication between sites means assets are always backed up and available where they are needed automatically, without manual asset management.

The combination of StorNext and HyperStore improves productivity by eliminating multiple archive tiers including tapes while enabling the use of cloud for cold archives. Active archives can now be accessed without performance penalties or administrative interaction, giving organizations performance and durability at a TCO far less than tape and external cloud storage solutions.

SOLUTION BENEFITS

- Extend tier one storage transparently. Extend your primary storage with transparent automated data movement to cost-effective enterprise object storage platform.
- Cost-effectively scale to multiple petabytes across multiple data centers with single namespace
- Rich metadata tagging simplifies search and recovery with industry-standard tools
- Public cloud integration for content distribution or disaster recovery

Quantum[®]

End-to-End Solutions for a Data-Driven World

A proven industry leader with a comprehensive portfolio of scale-out tiered storage, archive and data protection solutions for on-premise, cloud and hybrid environments, we transform the most demanding data management challenges into business opportunities.

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