

Quantum®

StorNext FlexTier Cloud Access



> DATASHEET

Integrated Cloud Storage With StorNext

Legacy storage systems are under assault. The challenges of unabated data growth, geographically distributed workgroups, shorter deadlines, and more ingest and delivery options are causing organizations to re-evaluate their storage environment and workflows. From broadcasters and post-production facilities to genomics research and video surveillance companies, the demands of improving productivity and driving greater efficiency can be overwhelming. This all must be done with the highest level of data security and content integrity. In order to accomplish these goals, many companies are considering using cloud services delivered from a number of providers—some are dedicated cloud providers, and others offer the service as a component of their larger business.

EFFORTLESS CLOUD INTEGRATION

Cloud providers have storage you can use, but how you access it is left up to you. This can mean adding time-consuming manual processes—or even worse, costly code development to automate transfers. Some storage providers offer the cloud as a destination without much regard for the

overhead involved in getting there. Quantum has taken a different approach to cloud access. We believe that storage should seamlessly integrate into your applications and workflow instead of acting like a separate process. With cloud access built directly into StorNext® data management software, you can use your existing cloud services to enhance your storage environment without changing your processes, modifying your applications, traversing gateways, or installing extra software.

StorNext users not only enjoy the industry's leading storage management software with intelligent policy-based tiering built in, but also the ability to tier to the cloud whenever the need arises. FlexTier™ provides easy and cost-effective on-demand access to cloud storage for increased flexibility, protection, and availability. Fully integrated into StorNext, FlexTier extends intelligent policy-based tiering into the cloud. And FlexTier provides seamless integration, acting as a cloud gateway with nothing to install, no hardware to set up, and no manual processes. You can go from capacity challenged to problem solved in minutes.

FEATURES & BENEFITS

Easiest Path to the Cloud

FlexTier is built into StorNext, with nothing to install and nothing new to learn, making it one of the easiest ways to incorporate the cloud into your workflows. It gives you everything you want from the cloud without the hurdles.

Flexible Cloud Gateway

With connectivity support for NFS, CIFS, SAN, DLC, and Amazon Direct Connect, you can easily scale performance from MB/s to GB/s, and scale cache from terabytes to petabytes based on the needs of the business.

Built-in Efficiency

Your most recent data is cached on premise, minimizing the need and frequency of moving content to and from the cloud. Your data also remains in its native format, further increasing the speed and efficiency of cloud access.

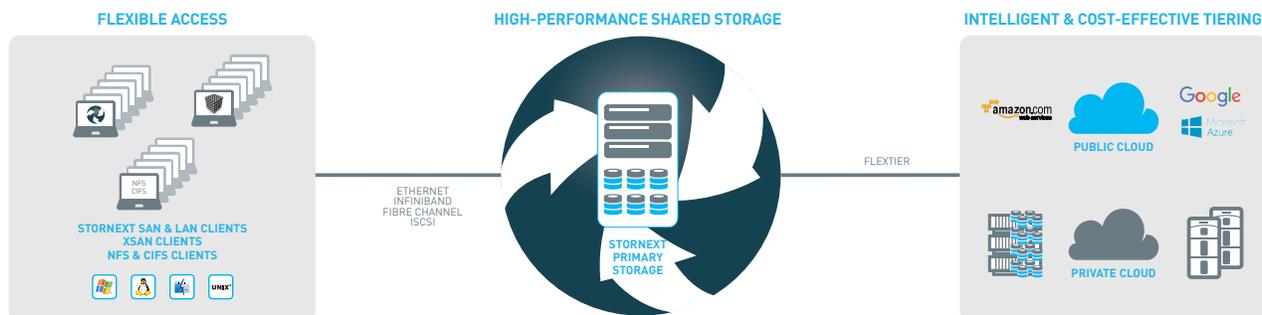
Reliability and Security

Replication and data integrity are core to the functionality. Data encryption protects data-in-flight.

Cost-Effective Cloud Storage

Scale without up-front installation or capital expenditure. Protect data as long as needed at a predictable rate.

STORNEXT SCALE-OUT STORAGE | Industry-Leading Storage for Collaborative Workflows—Powered by StorNext Data Management



With FlexTier, StorNext brings cloud storage into demanding workflows.

> LEARN MORE:
www.quantum.com/flextier

FLEXIBLE AND COST-EFFECTIVE

FlexTier supports a broad range of use cases, depending on your need at the moment. Primary storage is your most important resource. FlexTier can hold finished work, saving your valuable high-performance tier for more demanding tasks. FlexTier software can tier to multiple locations simultaneously to provide multiple copies in multiple locations. Whether you're taking on a new capacity-dependent project, growing faster than expected, or building out a new business initiative, FlexTier provides infrastructure flexibility that eliminates capital expenditure, data center space and cooling, and administrative costs. With its zero CAPEX model, FlexTier allows you to leverage additional storage when you need it—with no upfront cost. Depending on your situation, you may find that cloud storage operating expenses can also be less than owning and operating hardware. FlexTier employs a pay-for-usage model that's easy to understand with billing alerts to help you control costs. With FlexTier, you can scale up or scale down based on your requirements.

RELIABLE AND SECURE

FlexTier builds reliability and security into the architecture and the software that drives it. We start with the most trusted cloud service providers in the world. FlexTier uses distributed, multi-copy data protection. Data is replicated for added resilience and stored in multiple geographic locations. Plus, your archive files are encrypted in transit and you can choose to encrypt your data-at-rest via your cloud provider. File permissions also extend to the cloud to protect from unauthorized downloads. Combine all of this with the automatic policies driven by StorNext, and you can rest assured that your files are safe. FlexTier can also become a component of your overall data protection strategy. It can safely store additional copies of high-value content. As a target for policy-based tiering, you can simultaneously copy content to tape, object stores such as Quantum Lattus™, as well as your choice of cloud provider. Data security also applies to removing content when required. When it's time to delete files, StorNext data management removes content from all tiered systems and keeps a log for compliance purposes.

THE ULTIMATE DATA MANAGEMENT UTILITY

FlexTier provides StorNext users with a high level of flexibility and control that seamlessly leverages the cloud the way it was intended. Its unique combination of a managed storage environment and almost instant adaptation to changing demands and new workflows provides a new level of freedom and control for IT and business units.

BUILDING BLOCKS OF THE STORNEXT ARCHITECTURE

The building blocks of the StorNext architecture include primary storage, extended online storage, tape archives, and cloud—all powered by StorNext data management, the industry's fastest streaming file system and policy-driven tiering software.



StorNext manages data among tiers of storage seamlessly and with no modification to workflow or applications.

SUPPORTED PUBLIC CLOUD PLATFORMS

Amazon	Microsoft Azure	Google
Simple Storage Service (S3)	Locally Redundant Storage (LRS)	Multi-Regional Service
S3 Infrequent Access	Zone Redundant Storage (ZRS)	Regional Service
Glacier	Geographically Redundant Storage (GRS)	Nearline Storage
GovCloud	Read-Access Geo-redundant Storage (RA-GRS)	Coldline Storage
Commercial Cloud Services (C2S)		

SUPPORTED PRIVATE CLOUD PLATFORMS

Provider	Platform
NetApp	StorageGRID Webscale
IBM	Cloud Object Storage
Scality	RING

ABOUT QUANTUM

Quantum is a leading expert in scale-out tiered storage, archive, and data protection, providing solutions for capturing, sharing, and preserving digital assets over the entire data lifecycle. From small businesses to major enterprises, more than 100,000 customers have trusted Quantum to address their most demanding data workflow challenges. Quantum's end-to-end, tiered storage foundation enables customers to maximize the value of their data by making it accessible whenever and wherever needed, retaining it indefinitely and reducing total cost and complexity. See how at www.quantum.com/customerstories.