



# Easily Manage the Long-Term Preservation and Protection of Petabyte-Scale Data

## Quantum Artico: Tiered Archive Storage for FlashBlade Environments

Pure Storage FlashBlade™ is designed for the performance needs of big data analytics and concurrent workloads. Organizations with these types of workloads are typically managing massive amounts of data, with most of the data residing in an archive, or inactive, state while a smaller subset of the data is in an active workload.

Quantum's Artico™ NAS archive appliance easily manages inactive data and preserves it—making it readily available for promotion back to FlashBlade for active work, on-demand.

Quantum's Artico appliance, powered by StorNext®, integrates the local disk with intelligent policy-based tiering to lower-cost storage, including cloud, object storage, and tape. The Artico appliance's powerful policy engine can also create multiple copies of files for automated data protection to ensure data is available when needed, without the cost or performance impact of backup software.

Artico provides the flexibility to set different data tiering and data protection policies within the same organization, if needed, plus the ability to use and scale the most appropriate storage tiers for each specific use case—allowing organizations to seamlessly scale or add storage to meet new requirements.

And best of all, Artico is easy to manage using simple policy settings and easy to use with its single file system view that provides consistent file access regardless of storage location.

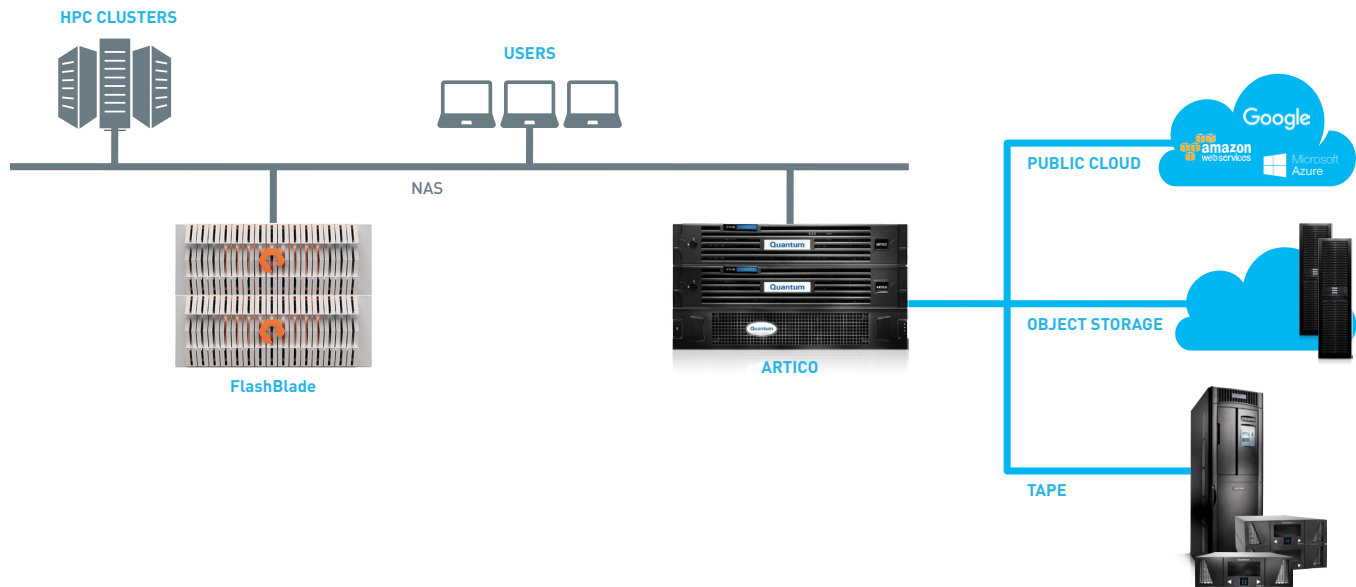
Where FlashBlade excels at enabling the high-performance compute of big data applications, Artico excels at preserving and protecting massive data sets long term. By leveraging low-cost, efficient storage for inactive data, organizations can allocate more budget to high-performance FlashBlade storage for active workloads.



### SOLUTION BENEFITS

- **Lower costs of storing more data**  
Automatically store files on the appropriate storage technology to optimize performance and cost.
- **Simplify data access**  
All files are simply visible and accessible through the Artico NAS interface regardless of storage location—disk, cloud, object storage, or tape.
- **Automated data preservation and protection**  
Copy files to one or more storage types based on user-defined policies.
- **Easy access to protected files**  
Secondary copies—even in the cloud or on tape—are automatically retrieved if access to the primary copy fails.
- **Simplified cloud access**  
Easily access public and private cloud storage through a NAS interface.

Artico includes a local disk for “warm” file storage, and automatically copies and moves files to other storage types—cloud, object storage, and tape—based on administrator-defined policies.



#### Artico is Easy to Deploy and Use

There are several ways to get data to Artico. Many organizations simply take advantage of Artico as a NAS share for their data. They know that once data is placed on an Artico local disk, Artico will automatically protect that data and store it on more cost-effective tiers.

Similarly, users can simply direct their applications to Artico NAS storage. They can also take advantage of many available data migration tools, such as Komprise, where data can be seamlessly migrated from FlashBlade to Artico in a way that keeps data access the same for users.

Artico policies determine how long data stays on the local disk and how many copies to make on the other storage tiers, where it is stored on much less expensive storage, but remains available to users.

#### AN ATTRACTIVE ENTRY POINT: SCALES UP WITHOUT DISRUPTION

Artico complements FlashBlade by providing an easy-to-manage archive that preserves and protects data at the lowest TCO while maintaining on-demand access. With Artico, organizations can manage data across all storage technologies, starting small and then seamlessly growing to multiple petabytes of public cloud storage, object storage, or tape as their data needs grow.

#### 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](http://www.quantum.com/customerstories).

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