

Automated, Intelligent Data Archiving: Quantum Lattus Object Storage and Arkivio Autostor

Improve Backup Efficiency, Reduce Storage Costs

New data generation tools, analytics, software, and data-driven business models are fueling explosive growth of unstructured data. Storage technologies have advanced so dramatically, it is critically important to step back and look at the big picture before committing to more investment in primary storage.

It is common for 50% to 70% of users' data to be fixed, unstructured data—data that once generated, captured, or initially used, becomes reference data. This data will not change, but it remains valuable to access for many reasons. Today's best practices must focus on methods to store, protect, and access this reference (or archive) data without continuing the unsustainable practice of purchasing more and more primary and backup storage to keep up with the unstructured data growth explosion.

Now you can leverage Arkivio Autostor software to assess your data and establish intelligent, policy-based movement of files from primary storage to Lattus™ archive storage.

BENEFITS OF LATTUS WITH ARKIVIO SOFTWARE

All data remains accessible. When Arkivio moves data to archive storage, it leaves a shortcut or link behind so that users access files in the same place they did before the files were moved.

Archive data is extremely well-protected. Because Lattus employs erasure code technology and complements that with self-healing, self-migrating algorithms, archive data is extremely well-protected against component failure. Lattus can also be spread across multiple sites (geo-spread) to further protect data against site disaster.

Network bandwidth utilization is significantly reduced. By moving and protecting data on Lattus archive storage, that data no longer needs to be part of the regular backup process, reducing the load on networks.

RocketArkivio®

SOLUTION PROFILE

Quantum's Lattus Object Storage

- Simplified scalability to hundreds of PBs
- Extends online storage with cost effective Low-latency data access
- Extreme data durability and resiliency via Fountain Erasure Coding, self-healing algorithms, and geographic dispersal
- Self-migrating feature enables non-disruptive migration to the latest storage component technologies
- NAS interface easily integrates with Arkivio Software
- Best-in-class private cloud storage

Arkivio

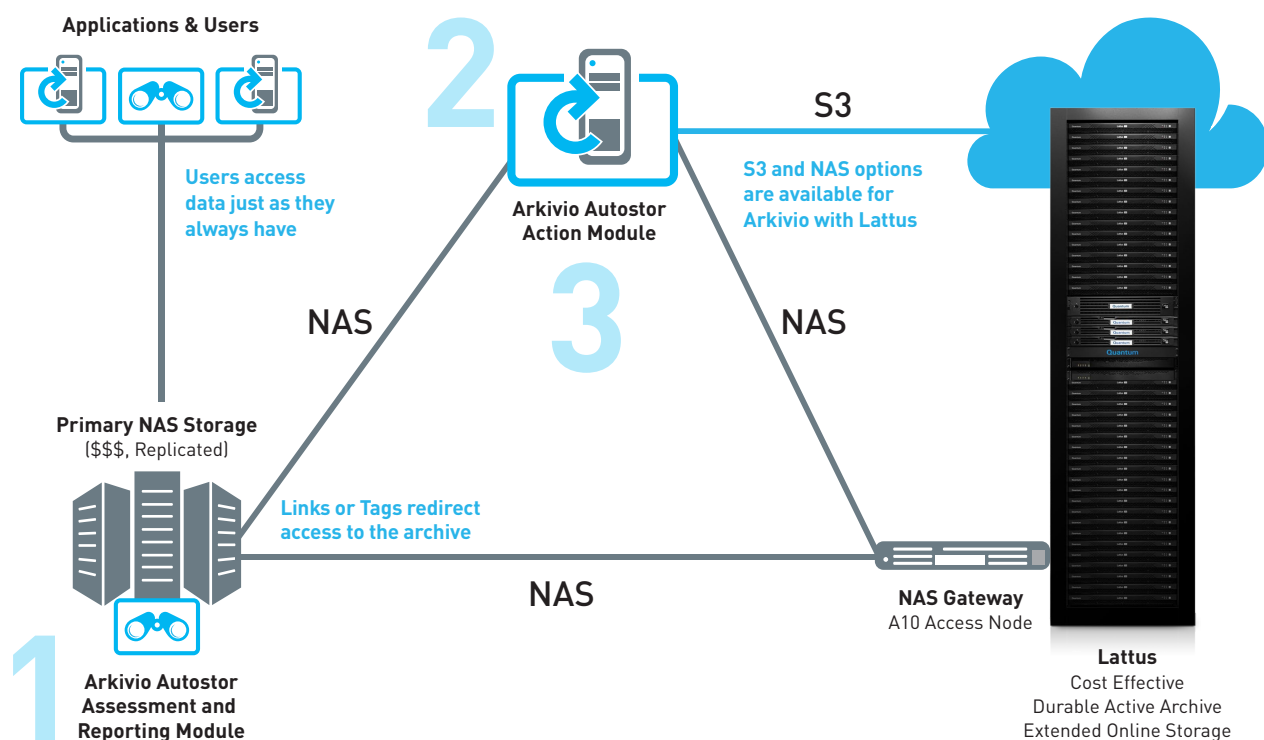
- Tools cover the full data life cycle: assessment, classification, and intelligent data movement
- Comprehensive reporting enables ongoing policy management as your data evolves
- Migrate data from any CIFS or NFS-based NAS platform or file server environment
- Arkivio solutions can scan and manage billions of files spread across thousands of servers and petabytes of storage
- Arkivio works transparently in the background, never interfering with end-user functionality and application data paths

FOR MORE INFO:

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Policy-Based Data Tiering with Arkivio

**1. Assessment**

Quantum helps customer understand their data with Arkivio Autostor Assessment and Reporting Module.

2. Set Policies

IT Admin creates policies for moving data from primary storage to Lattus. Reassess, adjust policies as needed.

3. Migrate

Arkivio Autostor automatically moves data to Lattus and leaves links or tag files on primary storage.

Shorter backup windows. When archive data is no longer part of the regular backup process, there is significantly less to back up. Backups take much less time and require much less investment.

Substantial reduction in future storage investment. Less data on primary storage means less capacity needed for both primary and backup storage. Once archive data is intelligently tiered to durable, self-protecting archive storage, backup copies of data are not required, and your overall storage investment is dramatically reduced over time.

To learn more about how this solution would work in your environment, please visit us at www.quantum.com/arkivio.

BUSINESS BENEFITS

- Substantial reduction in future storage investment
- Shorter backup windows
- Archive data is extremely well-protected
- Network bandwidth utilization is significantly reduced
- All data remains accessible for future projects, business opportunities, retention policies, and analytics

ABOUT QUANTUM

Quantum is a leading expert in scale-out storage, archive and data protection, providing solutions for sharing, preserving and accessing 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. With Quantum, customers can Be Certain™ they have the end-to-end storage foundation 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.

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