# Quantum

# ATEMPO

# Quantum and Atempo Miria: the 360-degrees solution to your unstructured data management challenges

## End-to-End lifecycle management for data at scale: backup, archive & remote storage synchronization

The growth of unstructured data is exponential across all industries, driven by the digitalization of processes, the growing need for collaboration. Traditional siloed data management solutions can't keep up with this.

Managing data at scale requires a unified vision across storage and usage. Miria integrates natively with all your Quantum storages to guarantee data protection, optimal data placement when and where needed by users and workflows, as well as empowering remote user collaboration by simplifying data sharing between remote sites.

In media and entertainment environments, Miria integrates natively with Quantum's MAM Platform, CatDV, to manage asset preservation and facilitate its repurposing.

At the end of the day, data management is simplified, and costs are reduced, both of which are very important to organizations facing tight IT budgets and resources.

## miria ATEMPO — Key Solution Benefits

**Keeping your data free**
Your data is protected, synchronized or archived with no hardware, location, or format lock-in. You are in control.

**Offload cold data to cost-effective storage**
Miria and ActiveScale move cold data to more cost-effective storage. Boost data management control.
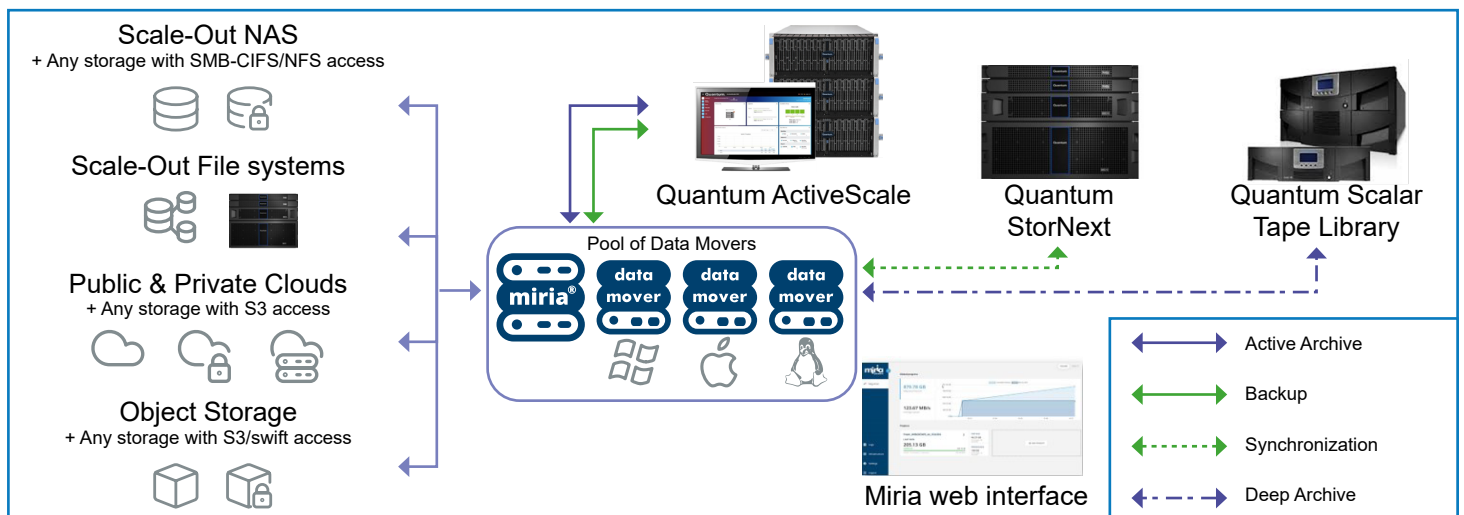
**Protect big data: any number of files, any files size**
Miria rapidly collects new & changed files on StoreNext file system to accelerate incremental backups while leveraging ActiveScale I/O capabilities to maximize performances.

## How Atempo Miria and Quantum Storages Solves your Unstructured Data Challenges

Miria all-in-one Data Management platform provides abundant services to help organizations tame the unstructured data monster! Combined with Quantum storage it opens rich capabilities:

- Miria Analytics simplifies the exploration and content analysis of all NAS, hyper-scale file storage, and parallel file systems. Clear information about data usage makes it easy to consolidate active data to Quantum's ActiveScale for fast access or to archive colder data to the object storage for cost optimization.

- Miria Backup provides hyper-scale data protection for StorNext file systems. The advanced FastScan feature identifies massive volumes of updated data. High-performance incremental backup is performed to the Quantum target of your

choice: Scalar libraries with their unique Active Vault for ultra-secure optimal protection against ransomware - or ActiveScale object storage for high efficiency «incremental forever» capability and never performing another full backup.

- Miria Mobility service simplifies data placement for IT resources and end-users as well and enforces IT security rules

- Miria Archiving module integrates with Quantum's CatDV asset management platform to protect and archive large volumes of video and images.
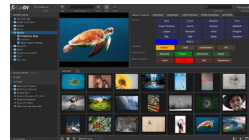


Scale-Out NAS
+ Any storage with SMB-CIFS/NFS access

Scale-Out File systems

Public & Private Clouds
+ Any storage with S3 access

Object Storage
+ Any storage with S3/swift access

Quantum ActiveScale

Quantum StorNext

Quantum Scalar Tape Library

Pool of Data Movers
miria® | data mover | data mover | data mover

Miria web interface

Active Archive
Backup
Synchronization
Deep Archive

# Quantum and Atempo Miria:
## the 360-degrees solution to your unstructured data management challenges

Quantum ActiveScale

Quantum CatDV

Quantum StorNext

Quantum Scalar

Quantum offers a range of solutions that eliminate the scalability and economic limits so that Media & Entertainment are free to create, edit content and collaborate, or so healthcare or research organizations have instant access to their data. Quantum ActiveScale object storage and StorNext file systems, as well as Scalar tape storage, provide for secure, low-cost, long-term data retention, and allow organizations to boost productivity, make decisions, and accelerate research breakthroughs.

## Atempo Miria, The All-in-One Data Management Platform at Scale

Miria is the All-in-One Data Management platform that unifies the services needed by organizations to face the unstructured data management challenges:

- **Miria core engine** delivers performance and manages petabytes of data, millions of small and large files on-premises and in hybrid-cloud environments.

- **The Analytics** discover and analyze file storages and NAS, so IT resources can easily decide and act on data to take immediate ROI actions and enhance data tiering.

- **The Backup** rapidly protects large data sets from damage and loss and ensures lasting protection from a single centralized platform.

- **The Archiving** module frees up storage space on high-performing primary storage and ensures data preservation compliance in the long term.

- **The Mobilize service** is delivering data placement, so files are easily moved wherever necessary, and datasets are automatically synchronized across heterogenous or remote storage.

## About Quantum

Quantum technology helps customers capture, create, and share digital content – and preserve and protect it for decades. With solutions built for every stage of the data lifecycle, Quantum's platforms provide the fastest performance for high-resolution video, images, and industrial IoT. That's why the world's leading entertainment companies, sports franchises, researchers, government agencies, enterprises, and cloud providers are using Quantum's storage solutions.

## About Atempo

Atempo is a leading independent European-based software vendor with an established global presence providing data protection and management solutions.

With over 30 years' experience, Atempo offers a complete range of proven solutions for physical and virtual servers' backup, laptops and desktops protection, and migration between different storages of very large data volumes.

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POWERFUL DATA PROTECTION AND DATA MANAGEMENT SOLUTIONS - **atempo.com**
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