

Relocate, Consolidate Massive Unstructured Data Sets When & Where Needed

Understand unstructured data landscape - Identify opportunities to streamline file placement
 Perform storage consolidations - Replace storage appliances - Reduce storage costs.

Migrating or **relocating** file volumes between storage is complex. Solutions such as rsync or robocopy are not scalable, require time-consuming checks, and can lead to data loss or impact production storage performances.

Miria's migration is a data management software module that guarantees data integrity, keeps your storage operational and allows to complete data relocation project on time and on budget.

Avoid the traps of a Do-It-Yourself approach

- Tests / time-consuming errors
- Missing files and folders or inaccessible migrated objects
- Storage production stoppage
- Rapidly saturated networks and I/Os
- Incompatibility issues

4 Key Questions for Teams Managing very High Capacity Storage

- How long would it take to migrate the content from my existing storage to a newer, more powerful NAS?
- Can I migrate a massive number of files without stopping storage access for my users?
- How do I migrate user shares from one NAS to another and keep access rights fully intact after the migration?
- Can we migrate millions of files, folders and links between two storage platforms of different vendors or different technologies? From Lustre to GPFS or vice versa? Between Cloud storages? From Cloud to a local storage?



Migrating files incrementally and automatically between heterogeneous storages.



Zero production downtime: storage remains 100% operational.



Automatic object integrity and migrated file access checks.



Adjust performances by simply adding or removing a Data Mover.



Complete Software + Professional Services with initial audit, constant monitoring and final check.

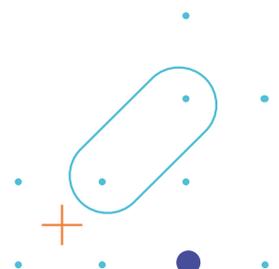


The migration process can be transformed into data protection for the new storage using the same solution..



"We tested several paying and free migration software products and we chose Miria because we were able to perform the final switch in under 4 hours. Talk about making life easier!"

Solution Architect in the US Defense Sector



Typical Miria Migration Usage:

- **Local to Cloud:** Migrate data from local storage to cloud,
- **Cloud to Cloud:** Migrate data from cloud provider A to provider B, to change to a new cloud provider or to move data from public to private cloud,
- **Cloud to Local or back to on-prem:** Migrate data from cloud storage to local storage, a "reverse cloud" migration,
- **Local to Local:** Migration between different storage technologies or different vendors, for instance from Lustre to GPFS or from GPFS to Lustre, from NAS to GPFS, etc

Why Miria Migration?

Powerful and reliable migration tool to let you keep your old storage going until the new one is ready

During the migration of a production file system from one storage to another, Miria detects any modified or deleted object and manages the incremental forever synchronization. Storage migration has suddenly gotten a lot easier.

Highly parallelized processes for optimal performance

Miria technology separates the detection of objects from the actual data movement. Unlike many other solutions, Miria starts moving data very early on and uses a powerful parallel processing and powerful multi-task environment adapted to all file sizes.

Vendor-agnostic solution enables migration between different types of storages

Miria Migration collects files with their access rights and ensures full compatibility with target storage and protocol.

Complete Migration and Software Services

Atempo teams work with you from the initial audit to the final sign off for all files and folders on your new storage, with full supervision of the successive migration phases.

All-in-One Data Management Platform Any workflow. Any file storage.

5 Data Services, 1 Platform



Analytics

Assess your data landscape with SAN and file system discovery, streamline file placement and reduce storage costs



Backup

Rapidly protect file storages from damage and loss. Guarantee continuity of access to valuable datasets and provide fast production recovery



Migration

Efficiently migrate data volumes and billions of files between dissimilar storage and file systems



Archiving

Free up expensive storage space on primary storages and ensure data preservation compliancy



Mobility

Mobilize data files wherever necessary and synchronize datasets across heterogenous storages

Compatible Storages



atempo.com/ressource/miria-compatibility-guide

Contact an Atempo expert



atempo.com/products/miria-backup-and-migration-for-large-file-storages/#form

