



A Proven HSM Solution for Automated Migration of Digital Assets

Today's IT administrators need to address two often contradictory demands: Manage exponential growth in digital data volumes, while at the same time keeping storage costs to a minimum. Atempo Digital Archive, HSM Edition is a file archiving solution that automatically migrates rarely used, unchanging data from high-performance storage to more economical storage platforms. With Atempo Digital Archive, organizations can ensure that high-performance storage is available for high-demand data, while ensuring that all corporate data remains accessible.

The Answer to Exponential Data Growth

Today's Storage Management Challenges

Driven by the surge in rich media as well as increasing quantities of digital assets, organizations are finding their expensive primary storage fills to capacity far sooner than projected. In the past, these organizations had no alternative but to purchase additional high-cost storage to meet the demand.

In addition to the initial out-of-pocket expense, these high-performance storage systems present significant long-term overhead as they must be carefully managed to ensure the availability and security of critical data. Maintaining more data on primary servers also results in longer backup windows, often forcing compromises in either storage performance or backup frequency.

Even though much of the data being stored in these high-performance systems is often more static in nature, IT administrators haven't been able to efficiently manage the migration of this data, so storage volumes and costs continue to soar.

Cost-Appropriate Management of Digital Assets

The solution: Migrate rarely used, fixed data stored on expensive disks to more economical secondary storage media, such as tape, low-cost disk, or MAID. Atempo Digital Archive automatically identifies files for archiving based on parameters administrators set—such as file age, last accessed date, and file type—and then moves them to the designated lower-cost platform.

By migrating infrequently accessed files to more economical secondary storage, storage costs are reduced, backup windows are shortened, and performance on the primary storage is maintained—while assuring that data remains readily accessible when needed. In addition to its support for tape and low-cost disk platforms, Atempo Digital Archive is the only archive solution to support cloud storage, allowing organizations to migrate data without buying or maintaining any storage hardware for their archive.

Key Features and Benefits

Atempo Digital Archive, HSM Edition is a dedicated software solution for archiving digital assets. Built on an open architecture, this solution can be seamlessly integrated into an organization's existing storage infrastructure. Atempo Digital Archive automates data archival, making it easy for administrators to ensure data is consistently managed according to corporate policies—without requiring any action from the content owner. These capabilities make it easy to systematically move content from expensive disk storage to less expensive long-term media, minimizing storage costs.

Full Stubbing for Direct Retrieval

Atempo Digital Archive has built-in HSM capabilities that enable the automatic archival of data based on selected criteria, such as file age or last-accessed date. Once a file has been moved to its long-term storage location, a “stub” that acts as a pointer to the file remains on the original storage media, enabling easy, transparent retrieval of the data by content owners. Atempo Digital Archive offers support for stubs on both file servers and client machines, including provisions for proprietary NAS devices.

Metadata Search and Retrieval

Atempo Digital Archive also enables search and retrieval of files based on metadata. Metadata includes inherent file properties such as file name, owner, and type as well as policy-based keywords assigned to archives based on function.

Flexible Archive Organization

With Atempo Digital Archive, data can be archived in personal or shared folders. Administrators assign access rights according to company policies and they can easily grant or restrict access to a specific archive.

Central Administration

Atempo Digital Archive is administered and configured from a central location, and it can manage the migration of data from a multitude of file servers and primary storage devices to countless secondary storage devices on the network. Atempo Digital Archive's console enables administrators to set up archiving rules and policies, administer user access rights, and set retention policies on a per archive basis.

Scalability and Performance

Built on a robust and proven platform, Atempo Digital Archive offers tremendous scalability, enabling organizations to seamlessly manage petabytes of archived information. Atempo Digital Archive continuously monitors associated systems, and automatically responds to appropriate prompts to transfer information. Finally, it offers single-instance storage capabilities that eliminate the storage of redundant files and conserve storage space.

Operating Systems

End-user Interface:

- ◉ Microsoft® Windows®
- ◉ Mac OS®
- ◉ Java® for UNIX and Linux® Platforms

Atempo Digital Archive Server:

- ◉ Microsoft Windows
- ◉ Mac OS
- ◉ Linux
- ◉ UNIX

Platforms Supported as Primary Storage:

- ◉ Microsoft Windows
- ◉ Mac OS
- ◉ Linux
- ◉ UNIX
- ◉ NAS
- ◉ EMC® Celerra® unified storage systems
- ◉ NetApp® FAS series filers

- ◉ Avid® Unity MediaNetwork
- ◉ Avid ISIS® 5000 & 7000
- ◉ BlueArc® Mercury™
- ◉ BlueArc Titan

Archive Devices & Media Supported:

- ◉ Disk
- ◉ Tape
- ◉ WORM
- ◉ HDS HCP
- ◉ EMC® Centera®
- ◉ Nirvanix™ SDN cloud storage
- ◉ EMC® Atmos™ cloud storage
- ◉ Permabit® Cloud Storage
- ◉ Permabit Enterprise Archive™
- ◉ Dell DX6000

Refer to the Atempo Compatibility Guide for the current list of supported systems.



About Atempo

Atempo enables organizations to protect, manage, archive, and recover digital information simply and effectively, across any infrastructure, on any platform, over any period of time. Atempo's portfolio of integrated software solutions simplifies the management of data throughout its entire lifecycle. Atempo serves thousands of customers around the world through a sales and support network of over 200 resellers and partners.

Learn more at www.atempo.com