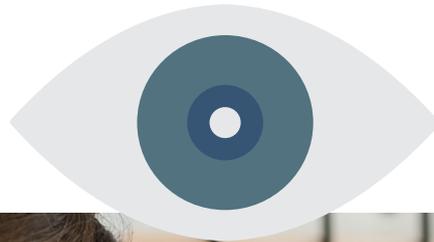# Atempo

ATEMPO DATA PROTECTION AND ARCHIVING PRODUCT SUITE

PRODUCTS AT A GLANCE

Time Navigator
Secure, highly scalable, data protection for complex, mission-critical environments.

Live Navigator
Provides a standalone, near-continuous data protection solution with advanced data de-duplication for remote offices, desktops and laptops.

Atempo-Digital Archive
File archiving for storage management, long-term retention and e-discovery.

KEY BENEFITS

Manage data throughout its entire lifespan
Data is secure and accessible from the moment it's created until decades after it's archived.

Contain storage growth
Archive products and de-duplication technologies optimize storage to control costs.

Mitigate legal risk and ensure compliance
Ensures information is quickly and easily accessible from any location, for any business need.

Improve staff efficiency
Easy-to-use end user and admin interfaces and automation streamline data management.

PROTECTING, MANAGING AND PRESERVING DATA THROUGHOUT ITS LIFECYCLE

At a time when organizations are facing unprecedented data growth, rising infrastructure costs and intensified legal risks, Atempo simplifies data management and provides enterprise-class visibility and control. With Atempo solutions, organizations can protect, manage, archive, and recover digital information simply and effectively, across any infrastructure, on any platform, over any period of time.

Atempo's comprehensive portfolio of integrated software solutions includes: backup and recovery for complex data center environments, continuous data protection of desktops and laptops, and long-term archiving of files and email messages.

MEETING DATA MANAGEMENT CHALLENGES

Whether it's managing the data growth with a fixed budget, meeting regulatory compliance, or simply preventing data loss, organizations face new and increased business and operational challenges when managing their digital data.

Exponential Data Growth. With growth projected at over 60 percent CAGR in the coming years, organizations must be able to assign storage resources based on the data's value to the business, throughout the data's complete lifecycle.

Mitigating Risk. Increased data capacity challenges corporate data protection strategies to maintain their RPO and RTO disaster recovery standards. In addition, data must be readily available for other purposes: for content reuse, for audits or to prepare for litigation.

Standardizing Policies and Meeting Regulatory Compliance. Organizations are challenged to enforce corporate standards for retention, security, and accessibility, across all data in their enterprise. Standards are often driven by regulations from the SEC, NYSE, NASD, Sarbanes-Oxley and HIPAA.

Operating with Reduced Budgets. In an effort to do more with less, organizations are leveraging existing applications, hardware and processes wherever possible. Their goal: simplify management with scalable solutions that offer centralized control, automation and clear and comprehensive reporting.

PROTECTION OF DIGITAL DATA ACROSS ALL PLATFORMS AND APPLICATIONS

TIME NAVIGATOR

Built for complex, heterogeneous enterprise environments, Time Navigator offers complete data protection, whether you manage a single work group or multiple data centers. Time Navigator makes it easy to meet backup windows, to ensure digital security and to manage tiers of backup storage, regardless of the platform, application or media.

Time Navigation

A unique approach to data restoration locates and restores individual files from any point in time and from any tier of storage, enabling both IT staff and end users to quickly restore lost files.

Centralized Management

Configure and manage snapshots, replication, disk and tape backup media via an intuitive graphical interface. A web-based interface simplifies remote administration.

Block-Level De-duplication.

Our HyperStream Server provides block-level de-duplication for improved backup performance, storage savings and dedicated remote office protection.

Security and Compliance

Encryption, digital certificates, key management and activity trails can be applied to specific sets of protected data.

Broad OS, Platform, Application, Device and Technology Support

Protects data for all major UNIX, Linux, Windows and Mac OS platforms. Supports popular databases, messaging systems, virtual environments, ERP applications, and clusters. Advanced data protection features include:

- Integrated Disk to Disk to Tape (D2D2T)

- Third party snapshot management

- Hot backup of databases

- Asynchronous replication

- Granular recovery for databases, applications

- Advanced NDMP support for NAS appliances

- Dynamic Library Sharing for SANs

- Advanced VM back-up for VMware, XenServer and Hyper-V

SECURE, HIGHLY SCALABLE, DATA PROTECTION FOR COMPLEX, MISSION-CRITICAL ENVIRONMENTS

LIVE NAVIGATOR

Live Navigator reduces the cost and failures associated with protecting and recovering data across all enterprise systems, from endpoint devices to remote and branch offices.

Designed for Endpoint Devices
Works the way users work with near-CDP, client-originated backup based on user activity, rather than scheduled backups designed to fit within the operational window of IT.

Advanced Data De-duplication
Eliminates duplicate backup data on endpoint devices and at remote offices before it is sent over the network.

Broad end-point support
Works with all desktops and laptops, whether they run Windows, Linux or macOS.

Centralized Administration
Supports both centralizing control within IT, or decentralized pushing control to users.

WAN Optimized
Client-side de-duplication reduces the amount of data sent over the network to the backup server and media.

Integration with Time Navigator
Centralized administration with Block Repository.

PROVIDES A STANDALONE, NEAR-CONTINUOUS DATA PROTECTION SOLUTION WITH ADVANCED DATA DE-DUPLICATION FOR REMOTE OFFICES, DESKTOPS AND LAPTOPS

ATEMPO-DIGITAL ARCHIVE

Atempo-Digital Archive allows organizations to cost effectively manage the growth of their file-based data, particularly for data-intense industries. Atempo-Digital Archive is high performance file archiving software for large data volumes.

End-User Archiving

A simple drag-and-drop interface, plus integration into application workflows, allows end-users to archive and retrieve data without IT staff assistance.

Automatic Archiving

Supports automated tasks for archive according to IT policy.

Workflow Integration

Customizable to fit your workflow and your applications.

Advanced Metadata Search

Search archive based on basic file properties, custom keywords, or file's full text content.

Non-Proprietary & Open

A software solution, not an appliance. Uses TAR format as well as LTFS on tape and regular files on disk while maintaining the original folder structure.

Scalable Performance

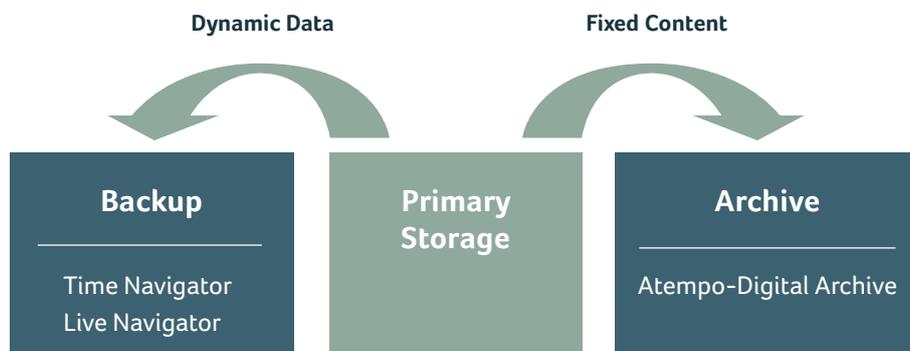Scalable from tens to hundreds of terabytes with no performance bottlenecks.

Centralized Administration

Manage archives based on site-specific policies including retention rules based on owner or data type, and role-based access.

Broad Storage & Media Support

Data can be archived using standard formats on a broad range of storage media, including disk, tape, object, and cloud storage.

FILE ARCHIVING FOR STORAGE MANAGEMENT AND LONG-TERM RETENTION

Dynamic Data   Fixed Content

Backup	Primary Storage	Archive
Time Navigator Live Navigator		Atempo-Digital Archive

Backup and archive offer unique benefits throughout the data lifecycle.

	BACKUP	ARCHIVE
How They Are Used	Backups create point-in-time copies of active systems and files. Examples include anything a user or system regularly interacts with, including database files, office files, and media files.	Archives are for storing fixed content–assets that are unlikely to change, either because they haven't been modified recently or because they don't get modified once produced. Examples: daily log files, surveillance videos, or purchase orders.
Key Difference	When performing backups, files are copied to a backup storage system.	When archiving, files are generally moved from primary storage to archival storage media.
Key Value	Instantaneous recovery for rapid return to service. Guarding against lost files and lost staff hours due to hardware or software failures and accidental file deletion.	Storage management and long-term preservation. Managing storage infrastructure to reduce costs through data migration. Preserving content for reuse, regulatory compliance or e-discovery.

While "backup" and "archive" are sometimes used interchangeably, there are key differences.

Atempo

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