



REVOLUTIONIZING DATA ARCHIVING



NETArchive

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NETArchive® is the convergence of industry-leading technological developments that together establish the new paradigm in data archiving.

Specifically architected to address the pain points associated with storing critical data assets, this revolutionary new solution reduces business risks, secures data unaltered, enables regulatory compliance, and simplifies operations. Designed to extend your investments in technology and data, this all-inclusive, high-capacity solution delivers up to 802.5 TB of archival storage within a single rack-mount footprint, with ground breaking performance. The multi-tiered solution adapts to your specific needs and requirements through integration of on-premises, cloud or hybrid storage with centralized local control and management.

With a flexible, modular system architecture, the NAS solution delivers enterprise-level capability to all archiving environments whether small or large via elastic scalability.

The solution truly fulfills the industry need for an affordable, enterprise-level archiving solution with the performance and capacity necessary for contemporary IT infrastructures.

Archiving Technology

There are many factors involved when considering the right technology on which to store data including costs, maintenance, special environmental conditions, frequency of access, and the duration of retention.

For years, organizations trusted optical technologies for secure storage of critical data. However, tape and disk technologies have been adapted to archiving applications due to speeds, feeds, and capacities, even though they lack true archiving features. Neither tape nor disk can offer hardware Write-Once-Read-Many (WORM) and each has its pros, cons, and associated higher costs.

The NETArchive is a game-changer offering the perfect multi-tiered fusion of professional archiving features and progressive true WORM media technology. The solution changes the way archiving is accomplished with increased performance, higher capacities, fibre channel communication to drives, and increased reliability over tape and disk.

Top Indicators That You Need NETArchive

- Reducing the risks associated with data loss is important to your organization
- Decreasing overhead costs associated with preserving cold data is a priority to you
- You need to retain data in compliance with corporate mandates or government regulations
- Your Backup storage tier isn't large enough to handle all of the data
- You are tired of the hassles with tape and the compounding expenses of disk
- Backing up Tier 1 storage to tape is starting to take forever
- Your expensive Tier 1 high-performance storage is overwhelmed with cold data
- You need to randomly access data periodically for eDiscovery, recovery, or other purposes
- Non-disruptive system growth and extensibility as well as investment protection are a priority
- You need to preserve data accurately and in its purest form in an unalterable state
- Consistent security and protection across IT infrastructures is of foremost concern for data on premises and in the cloud



Industries:

- Healthcare
- Financial
- Government
- Legal
- Insurance
- Security & Surveillance
- Law Enforcement
- Multi-Media & Entertainment
- Corporate

Revolutionizing Archiving Technology

Brought to you by credentialed archiving innovator Alliance Storage Technologies, Inc. (ASTI) a Sony Optical Disc Archive solutions reseller, the NETArchive solution instills the trust and confidence you need for protection of valuable data assets. With an established history of proven data archiving hardware and software technologies, ASTI offers a secure technology roadmap with longevity and certainty.

Offers the ultimate protection for your business or organization

Compliance with industry and government regulations remains a high priority in any organization. Along with other internal safeguards, data is preserved unaltered for extended and/or varying periods on true hardware WORM technology providing needed compliance while protecting against data loss and minimizing business risks.

Most secure archiving solution available

The secure software application acts as a gatekeeper for data stored locally and in the Cloud. Access to data is restricted to only authorized users via configurable access controls which include support for multiple authentication services. Additionally, data is secured on optical media technology with a >50 + year unalterable media lifespan offering the highest level of data protection.

Includes highly evolved Archive Management Software with extensible options

The intelligent and fully vetted Archive Management Software application serves as the nucleus of every system directing operations of system components in accordance with configurable, user-defined policies. The advanced feature set includes contemporary options for: High-availability Replication, Cloud storage for archiving and offsite backup, and Encryption for increased security.

Ground-breaking performance and capacity with progressive technologies

With speeds and capacities rivaling that of tape (only with a greater level of reliability), a high-performing designed-in server featuring the most recent technology, and Fibre Channel interconnect to drives, the *NETArchive* covers all the bases when talking about performance. A single, high-capacity system supports up to 802TB within a standard rack mount footprint.

Advanced optical drive design

Capitalizing on recent industry advancements, the *NETArchive* incorporates optical drives that feature the most advanced optical technology available with dual optical heads and data channels for faster reads and writes and high 10k+ RPM speed for faster data transfers.

Highest capacity optical media with improved reliability

Professional archive grade media supports 1.5TB of data storage within a high-capacity 12 disk cartridge. The small media cartridge size lends itself to offsite storage for disaster recovery purposes with no special requirement for special environmental conditions. Coated optical media offers a greater level of reliability.

Lowest possible Total Cost of Ownership

Overall, the *NETArchive* offers the lowest possible total cost of ownership of any archiving solution available. Elastic system scalability, expandability to the Cloud and designed-in disaster recovery solutions are just some of the features that save time and reduce operating costs. Optical technology by nature is green as it no longer requires a constant power source to maintain the data. Additionally, optical eliminates the need for periodic replacement or maintenance and reduces costly migrations and technology refreshes typically associated with other storage mediums.



Flexible & Adaptable

NETArchive Adapts to Your Specific Needs or Requirements

The flexibility to adapt to any business, government, organization, industry or size of archive, is a key characteristic of the *NETArchive*. Made possible through the modular system architecture and multi-tiered storage strategy, the solution synchronizes three major subsystems: Archive Management Software, Storage Management System, and Archival Storage. Each subsystem has its own intrinsic configurable features and options that adapt to requirements.

There are important considerations associated with configuration of each of the major subsystems that will ultimately define your archive size and functionality with room for future expansion.



ASTI has developed a comprehensive archiving needs assessment that facilitates the process of determining the features and functions needed for your operation.
Contact ASTI technical sales today (719) 593-7900.

NETArchive Scales to 802.5TB

Extensibility and investment protection are fundamental features of the *NETArchive* solution. Designed to meet the archiving requirements of any size, solutions start with nearline capacities of up to 15TB in a single unit, with enterprise systems scaling up to 802.5 TB within a standard rack mount footprint. To balance performance and storage capacity, enterprise systems can accommodate up to 18 drives.



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