SOLUTION BRIEF

ARCHIVE IN A BOX

EXTEND YOUR STORAGE. ARCHIVE WHAT YOU NO LONGER NEED ONLINE.

Archive-in-a-Box (AIAB) is a complete archive solution that connects to your existing storage, automatically identifies inactive data, and archives it to tape. Keep your primary storage for active business and reduce the need for costly capacity expansion.



THE CHALLENGE: PRIMARY STORAGE KEEPS GROWING

Most organizations store everything on expensive primary storage, even data that hasn't been accessed for years.
This leads to constant upgrades, higher costs, and unnecessary complexity.

EXISTING NAS / FILE STORAGE

HOT DATA
20–30%
Frequently accessed active data

COLD DATA
70–80%
Infrequently accessed inactive data



CONTINUOUS STORAGE EXPANSION
HIGH COST • MORE POWER • MORE SPACE
COMPLEX MANAGEMENT

COMMON IMPACTS

RISING COSTS
Expensive disk storage and upgrades every year.

WASTED CAPACITY
Most data is cold but still consumes premium storage.

HIGH POWER & COOLING
More storage means more energy and higher cooling needs.

COMPLIANCE RISK
Harder to manage retention, access control, and audit.

THE SOLUTION: ARCHIVE IN A BOX

AIAB manages your existing storage and automatically moves inactive data to low-cost tape for long-term retention — while keeping it accessible when you need it.

EXISTING STORAGE



Keep active data on your existing NAS / File Storage

Monitor & Manage ←
Recall When Needed ←

ARCHIVE IN A BOX

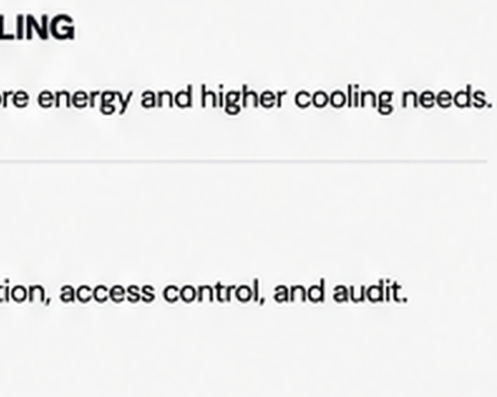
ARCHIVE ENGINE
Policy-based archive management and lifecycle automation

POLICY MANAGEMENT
Define what, when, and how data is archived

SECURE & RELIABLE
Built for long-term retention and data protection

Archive Cold Data →
Restore On Demand ←

LTZERO TAPE LIBRARY



Low-cost, air-gapped long-term tape archive

WHY ORGANIZATIONS CHOOSE AIAB

REDUCE STORAGE GROWTH
Archive cold data and stop expanding expensive primary storage every year.

LOWER COST. LESS POWER.
Tape is the most cost-effective and energy-efficient way to store data for the long term.

KEEP DATA ACCESSIBLE
Recall archived data quickly when your users or applications need it.

FOCUS ON WHAT MATTERS
Keep your primary storage fast for active data and business-critical workloads.

HOW ARCHIVE IN A BOX WORKS

INTELLIGENT. AUTOMATED. POLICY-DRIVEN.

Archive-in-a-Box (AIAB) connects to your existing storage, identifies inactive data using intelligent policies, and archives it to tape automatically. Your NAS stays fast for active work — while AIAB protects your data for the long term.



THE AIAB WORKFLOW

1 CONNECT EXISTING STORAGE



AIAB connects to your existing NAS, file servers, or storage systems. No data is moved yet. Your production workloads continue uninterrupted.

2 MONITOR & ANALYZE DATA



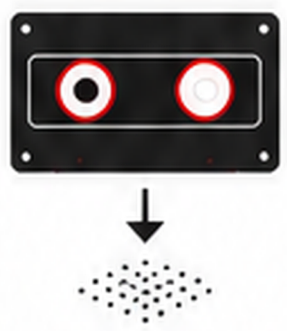
Archive Engine continuously monitors file metadata such as age, last access, file type, size, and custom criteria.

3 IDENTIFY COLD DATA



Based on your policy, AIAB identifies inactive or rarely accessed data as cold data eligible for archive.

4 AUTOMATED ARCHIVE TO TAPE



Cold data is automatically migrated to the LTZero Tape Library. Verification is performed to ensure data integrity.

5 ACCESS & RESTORE ON DEMAND



Archived data remains accessible. When needed, it is quickly restored back to the NAS for seamless user access.

DEEP POLICY CONTROLS

Define how and when data is archived based on your business requirements.

- File Age
- Last Access
- File Type / Extension
- File Size
- Custom Rules

DEPLOYMENT OPTIONS

OPTION 1: INTEGRATED APPLIANCE (AIAB)

All-in-one archive solution in a single box.

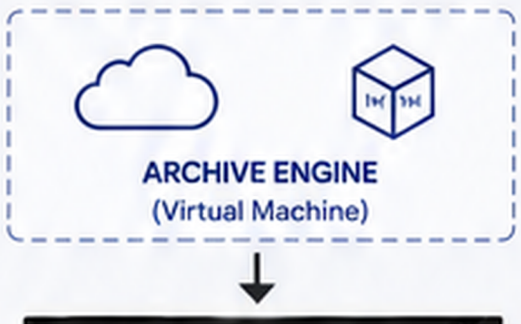


- Archive Engine
- Policy Management
- Metadata Database
- LTZero Tape Library
- Pre-Integrated & Pre-Tested
- Turnkey Deployment

Simple to Deploy | Easy to Manage | High Reliability | Lower TCO | Air-Gapped Protection

OPTION 2: VIRTUAL ARCHIVE ENGINE

Cost-efficient deployment using virtualized archive engine.



- Archive Engine in VM
- Policy Management
- Metadata Database
- LTZero Tape Library
- Lower Initial Investment
- Flexible & Scalable

Cost Efficient | Scalable | Easy Integration | Enterprise Grade | Open & Flexible

AIAB DOES NOT REPLACE YOUR EXISTING STORAGE.

It works with it — extending capacity and enabling long-term data preservation.

AIAB AT A GLANCE

- **WORKS WITH EXISTING STORAGE** — No replacement. No disruption.
- **SCALE FROM TERABYTES TO PETABYTES** — Grow your archive as needed.
- **LONG-TERM TAPE ARCHIVE** — Store data for up to decades.
- **AIR-GAPPED PROTECTION** — Keep your data safe from ransomware.
- **LOW POWER ECO-FRIENDLY** — Lower energy usage and cooling needs.
- **LOWER COST OF OWNERSHIP** — Reduce storage growth and operational costs.

WHY ARCHIVE IN A BOX?

SMARTER STORAGE. LOWER COST. LONG-TERM VALUE.

Archive-in-a-Box (AIAB) helps organizations break the cycle of expensive storage expansion by intelligently archiving cold data to tape. Keep active data fast and accessible — while protecting what matters for the long term.



1. REDUCE EXPENSIVE STORAGE GROWTH

Stop paying for premium storage for data that is no longer active. Archive cold data to low-cost tape and control storage growth.

2. EXTEND THE LIFE OF EXISTING STORAGE

Free up space on your NAS and file storage. Delay hardware refresh and get more value from your existing investments.

3. AUTOMATED POLICY-BASED ARCHIVING

Define simple policies and let AIAB do the rest. Identify, archive, and manage data based on your business rules.

4. COMPLETE ARCHIVE SOLUTION IN ONE BOX

Archive Engine, software, and LTZero Tape Library are delivered together as a pre-integrated, ready-to-deploy solution.

5. FLEXIBLE DEPLOYMENT

Choose the right implementation for your environment: Integrated Appliance or Virtual Archive Engine with Tape Library.

6. LONG-TERM RETENTION & PROTECTION

Tape provides unmatched retention, air-gapped protection, and compliance-ready archive for your critical data.

BREAK THE CYCLE OF EXPENSIVE EXPANSION

WITHOUT ARCHIVE IN A BOX

Storage keeps growing. Costs keep rising.



MORE DISK. MORE POWER. MORE SPACE.
THE CYCLE NEVER STOPS.

WITH ARCHIVE IN A BOX

Keep only active data. Archive the rest.



LOWER COST. LOWER POWER. LONG-TERM VALUE.
SUSTAINABLE AND SCALABLE.

IDEAL FOR

- File Shares & Departmental Data
- Engineering & Design Files
- Surveillance & Video Archives
- Media & Entertainment Libraries
- Research & Academic Data
- Healthcare Records
- Financial & Compliance Data
- Legal & Case Management
- Government & Public Sector
- Backup & Long-Term Retention

KEY CAPABILITIES

Policy-Based Archiving
Archive by file age, last access, file type, size, and more.

Fast Restore
Retrieve archived data quickly when you need it.

Metadata Management
Maintain file metadata for search, discovery, and restore.

Air-Gapped Protection
Tape is offline by design — protected from cyber threats.

Secure & Verifiable
Data verification before archive ensures data integrity.

Scalable Architecture
Scale capacity easily as your data grows.

FOCUS ON YOUR BUSINESS. LET AIAB TAKE CARE OF THE REST.

Archive-in-a-Box helps you **optimize storage, reduce cost**, and **safeguard your data** — today and for decades to come.