



ALTO SX DATA FORTRESS

A compact scalable archive with ultra-low cost of ownership and outstanding green credentials



ALTO SX is a secure, compact & affordable alternative to a data tape library offering faster access for more users and ultra-low lifetime cost of ownership

Historically, Data Tape was the only cost-effective medium for deep archiving data, but ultimately, the performance was limited by the complex mechanical systems and linear nature of the Tapes. Retaining the benefits of an offline deep archive but moving away from linear tape to high-capacity disks eliminates the complexity and the need for periodic Migration and Compaction routines.

ALTO meets all requirements for a secure Offline Archive, supporting established workflows with established MAM and Archive Management vendors. Each independently managed disk is inherently a self-contained reading and writing device capable of random access rather than sequential data tape access. The disks in ALTO are individually spun down and switched off when not reading or writing, massively reducing power consumption and giving a disk life for decades. In this mode, the disks are unmounted, offering a “Virtual Airgap” and added security against malicious malware.

Individual ALTO disks can be removed for vault storage, and ALTO files can be recovered forensically with any external computer. Disks externalised to the ALTO Vault are fully Airgap secure to eliminate malware threats. Disks can be read and restored using a local computer.

- ✓ **Superior Storage Density**
Any sized disk from any vendor, in any slot at any time* SX supports up to 24 x 22 TB Disks, yielding of 500 TB storage.
- ✓ **Compact Expandable Configurations**
When the 24 Disk Slots are fully populated, SX Expansions can be connected, giving a raw storage yield of over 2.5 Petabytes.
- ✓ **Faster Access for Concurrent Users**
Faster access than a tape library with more concurrent users, no migration, no repack and no routine maintenance.
- ✓ **Hybrid Systems with Public Clouds**
ALTO SX is ideal in a Hybrid Configuration. Restores are fast on prem with no Egress cost, backed up by a Cloud copy for DR
- ✓ **Distributed Systems & Private Clouds**
Create distributed systems between sites, cities and Countries. Locate ALTO in a data center to create a Private Cloud.

Your Media Platform of Choice with DAC ALTO Archive

LOW CARBON FOOTPRINT | FAST CONTENT RESTORE | LOW LIFETIME COST OF OWNERSHIP





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ALTO SX is a compact, flexible and affordable offline archive platform
Designed for space-constrained on-prem and transportable installations



Compact ALTO SX System Enclosure | Up to 500 Terabytes in 4U
Low-Cost Expansion Enclosure | Up to 4 Expansions per SX Node
Secure Content Replication | No RAID Rebuilds | No Robotics
User Selectable content security | 2x and 3x Replication
Distributed Systems | Media Redundant, High Availability & DR
Random Access | Faster Find and Load | No Restore Cacheing
Removable Media | Vault Storage | Virtual & Physical Airgap security
API, VFS & Protocol Emulations with over 50 Leading MAM Partners
Offline Cold Storage | Low Power & AC | Unbeatable Green Credentials
Off the Shelf Disks | Any Size Disk from any Vendor | Future Proof
Hot Swappable Disk, Fans and Power Supplies
API or CIFS/SMB Connectivity with ALTO Connect | Easy to integrate
1GB BMI Monitoring | Multiple 10 GB BaseT & SFP+ for File Moving
Buy as you go Disks - No Migration, no Repack, no routine maintenance.
Hybrid solutions with LTO Tape, Public Clouds & Private Clouds

ABOUT DISK ARCHIVE CORPORATION

Disk Archive Corporation specializes in developing high availability, high security archive solutions for demanding media and data files. With over 400 deployments worldwide, the ALTO product range is proven to provide the secure and reliable archive storage that meets the high performance and low carbon footprint that modern media-using organisations of all sizes demand, with the lowest lifetime cost of ownership of any archiving technology or service provision on the market. The best for your media, your business, and the environment.

* Qualified Disk List updated quarterly to include newly introduced models

ABOUT OUR PARTNER NETWORK

ALTO III Enterprise and ALTO SX are available through our channel partner network worldwide. Combine your choice of media platform with ALTO to provide an enterprise archive with a low lifetime cost of ownership and a low carbon

CONTACT US

Disk Archive Corporation Ltd.
One Horseshoe Park, Pangbourne, Berkshire, RG8 7JW, UK
Tel: +44 118 329 0121
eMail: no_more_tapes@diskarchive.com
Web: www.diskarchive.com