



ALTO III ENTERPRISE ARCHIVE

A secure, high performance archive with ultra-low cost of ownership and outstanding green credentials



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

Arguments have favoured data tape as a backup medium for hard disks, including low cost, high capacity and robustness. But ultimately performance is limited by the complex mechanical systems, sequential access to the data and the need to share a limited number of reading and writing decks. ALTO offers the same benefits and support established workflows, but with further benefits.

Hard disk drives offer the advantage that each disk is inherently a self-contained reading and writing device capable of random-access rather the sequential access of data tape. The next generation sub-nearline drives used in ALTO are designed to be spun down and switched off when not reading or writing, reducing power consumption and extending disk life, but new techniques are needed to protect the media from disk failure.

Following a disk failure, the lengthy rebuild time for a simple RAID array can leave content vulnerable to subsequent disk failures. Alternative protection strategies significantly increase capital and running cost. ALTO uses data replication techniques to offering user selectable protection, minimal recovery time, and disaster recovery configurations. ALTO disks can be removed for vault storage, or project transport. Media files can be accessed on an external computer.

✓ **Superior Performance Disk Archive**
10TB, 12TB, 14TB and 16TB Disks. Any size, from any vendor, in any slot at any time - Diskless options for local disk purchasing.

✓ **Lower Cost of Ownership**
Any disk which is not reading or writing is switched off with significant power saving and greatly extended disk lifetime.

✓ **Faster Access for Concurrent Users**
Faster access than a tape library with more concurrent users, no migration, no repack and no routine maintenance.

✓ **Higher Security than RAID**
Protects your files with user-selectable data replication offering much higher security than RAID systems.

✓ **Geographically Distributed Systems**
Create distributed systems between sites, cities and continents for business continuity and disaster recovery.

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 is a scalable, flexible and affordable local storage or enterprise archive solution, that makes your media assets more accessible



Compact ALTO System Chassis | Up to 960 Terabytes in 4U

Low-Cost Expansion Chassis | Up to 960 Terabytes in 4U

Secure Content Replication | No RAID Rebuilds | No Robotics

User Selectable Protection | 1x, 2x and 3x Replication

Distributed Systems | High Availability & Disaster Recovery

Random Access | Faster Find and Load | No Restore Cacheing

Removable Media | Vault Storage Options | Media Transportation

Powerful Internal Database and Disk Management

Offline Cold Storage | Low Power & AC | Good Environmental Credentials

Off the Shelf Disks | Any Size Disk from any Vendor | Future Proof

Hot Swappable Disk, Fans and Power Supplies

Plug and Play Connectivity with ALTO Filer & Connect| Easy to integrate

1GB Ethernet Monitoring | Multiple 10 GB BaseT and SFP+ Option

No more Migration, no Repack, no routine maintenance.

Hybrid solutions with LTO Tape Libraries | Phased Migration to Tapeless

ABOUT DISK ARCHIVE CORPORATION

Disk Archive Corporation specializes in developing high availability, high security archive solutions for demanding media and data files. With over 300 systems installed 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.

ABOUT OUR PARTNER NETWORK

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

CONTACT US

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