

ABOUT ATTO TECHNOLOGY, INC.

For 30 years, ATTO Technology, Inc. has been a global leader across the IT and media & entertainment markets, specializing in storage and network connectivity and infrastructure solutions for the most data-intensive computing environments. ATTO works with partners to deliver end-to-end solutions to better store, manage and deliver data. Working as an extension of customer's design teams, ATTO manufactures host and RAID adapters, network adapters, storage controllers, Thunderbolt™ adapters, and software. ATTO solutions provide a high level of connectivity to all storage interfaces, including Fibre Channel, SAS/SATA, iSCSI, Ethernet, NVMe, NVMe over Fabrics and Thunderbolt. ATTO is the Power Behind the Storage.

All trademarks, trade names, service marks and logos referenced herein belong to their respective companies.

ABOUT ARCHIWARE

Archiware GmbH is a privately-held company with over 20 years of experience in data management software for backup, synchronization and archiving. Archiware's software is primarily aimed at small and medium-sized businesses and the media and entertainment industry.

ATTO and Archiware

CHALLENGE

For media production environments backing up assets and work files is critical. The common method involves replicating files to a disk, network or SAN volume. The other part of data management is archiving. Files that are no longer needed for daily production can be archived, i.e. migrated from production storage to either disk, tape or cloud storage.

Many professional media editing workflows incorporate Apple® desktop and mobile workstations for which Thunderbolt™ is the main connectivity option. A Thunderbolt adapter or Thunderbolt enabled expansion chassis is required for connecting to high-performance mass storage.

For smaller production studios, or any size organization that prefers to work with direct-attached storage (DAS), this combination of data management and connectivity can create a spiral of software and hardware experiments in an effort to find an appropriate solution, all the while their precious data is at risk. Disk storage can fail even if it's RAID protected; a backup is needed because RAID does not protect against accidental erasure.

SOLUTION

ATTO ThunderLink® Thunderbolt adapters are purpose-built adapters incorporating 32Gb, 16Gb and 8Gb Fibre Channel (FC), 40Gb and 10Gb Ethernet, and 12Gb and 6Gb SAS/SATA. ThunderLink enables seamless integration of Thunderbolt 3 and 2 desktop and mobile workstations to high performance, high capacity storage, like SSD/HDD RAID arrays, LTO tape drives, or shared storage systems. ThunderLink is engineered for applications where optimized performance and high throughput are essential.

Archiware P5 data management suite is a software solution for archiving and managing data. The four modules in the Archiware P5 suite secure data using different methods and restore them when required. Managing production storage is made extremely easy with the Finder integration and FCP X integration. The browser-based user interface of the P5 suite ensures maximum user friendliness. P5 software runs on Mac, Windows, Linux, FreeBSD and Solaris, and is storage platform neutral. P5 Archive and P5 Backup can be used with any manufacturer's tape hardware.

ATTO ThunderLink is certified to work with Archiware P5. Now every Thunderbolt-equipped Mac® or PC can be used as an Archiware P5 server, utilizing the full portfolio of ATTO connectivity solutions, including SAS, Fibre Channel, and Ethernet for use with iSCSI devices. This way large amounts of data can be protected easily using P5 Synchronize for cloning, P5 Backup for backup to disk and tape and P5 Archive for long-term archiving. Even tape libraries can be driven from a workstation-class machine.

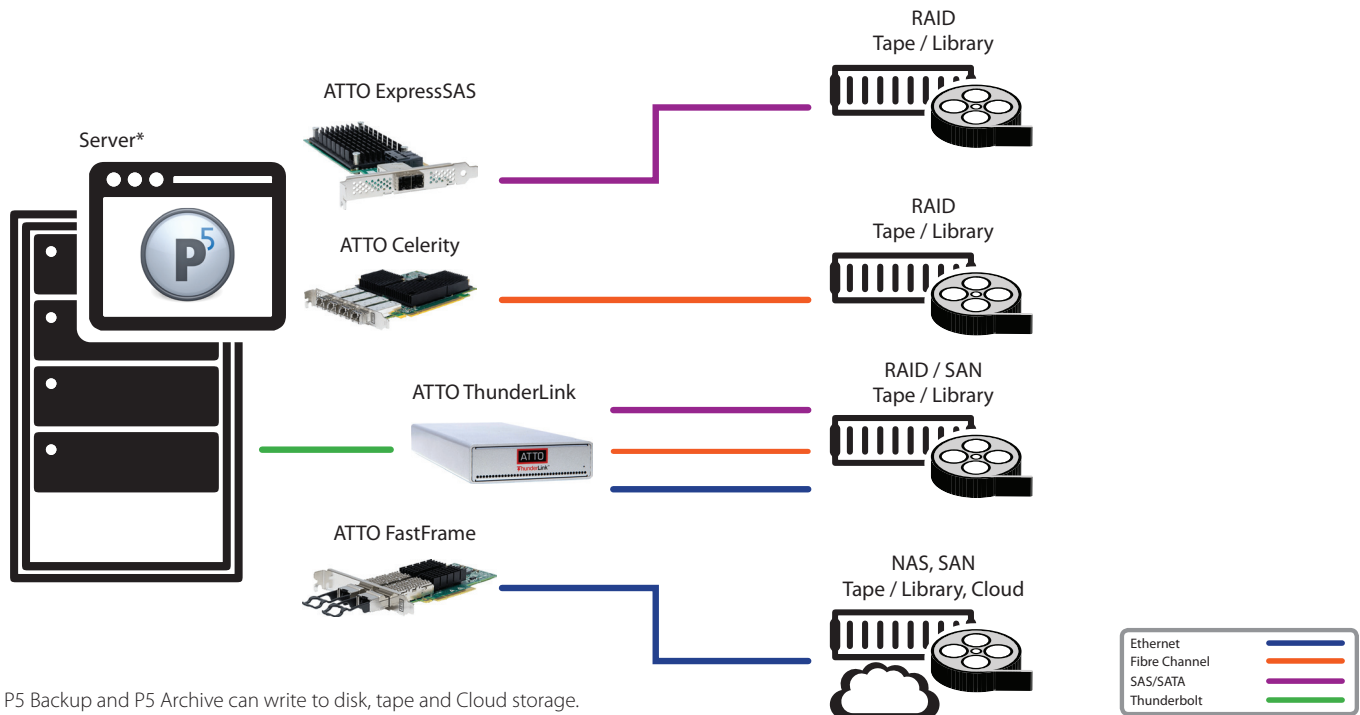
The small form factor of ATTO ThunderLink devices means that they can be transported and connected to a single LTO tape drive for a desktop archive. This allows for maximum flexibility and scalability, and it takes into account that more and more production is being decentralized and handled on the desktop level. Additionally, transport of large data sets can easily be solved using LTO tape with LTF5 as the data exchange format.

SOLUTION COMPONENTS

- ATTO Technology TLFC-2082, TLFC-2162, TLFC-3162, TLFC-3322 Fibre Channel, TLNQ-3401, TLNQ-3402, TLNS-2101, TLNS-2102, TLNS-3101, TLNS-3102, TLNT-2102 Ethernet, and TSH-2068, TSH-3128 SAS/SATA ThunderLink® adapters
- Archiware P5 Suite: P5 Synchronize, P5 Backup, P5 Backup2Go and P5 Archive

SOLUTION BENEFITS

- ATTO ThunderLink adapters provide high-performance, flexible and scalable connectivity for high-bandwidth content creation environments
- ATTO Advanced Data Streaming (ADS™) Technology maximizes CPU processes to deliver smooth and reliable data transfers and the highest consistent performance
- Archiware P5 provides comprehensive and easy to use Backup and archiving software for portable and desktop workstations
- Archiware P5 Archive provides media asset management (MAM) functionality, allowing to tag and search for assets to re-use and monetize
- Certified interoperability assuring the best performance and stability across the entire system



* P5 Backup and P5 Archive can write to disk, tape and Cloud storage. The P5 server can use any DAS storage as source or target, clients as source (and target but only with P5 Synchronize).