

## Content Mobility and Media Management Made Easier with Simplified LTO Connectivity

ATTO & Archiware join forces to modernize data management for Media and Entertainment workflows

### Solution Benefits

- **Unmatched Efficiency:** Quickly transfer and archive large volumes of data, reducing bottlenecks and keeping your projects on schedule.
- **Faster Backups and Recovery:** Increase operational efficiency by distributing backup jobs from different hosts across redundant connections.
- **Scalability at Its Best:** As your data needs grow, so does this solution. Easily scale your storage without disrupting your existing workflows.
- **Cross-Platform Compatibility:** Work seamlessly across different operating systems, simplifying content management and promoting collaboration across different editing groups
- **Future-Proof Your Workflow:** Migrate to newer LTO formats effortlessly, ensuring your data stays secure and accessible for years to come

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### Industry Challenges

The M&E industry has increased the need for robust and scalable infrastructure to manage vast amounts of data. From content creation and media acquisition to post-production and archiving, efficient data management is critical to maintaining a seamless workflow. Linear Tape-Open (LTO) technology has become the industry standard for storing and transporting massive volumes of video footage and audio recordings, offering a cost-effective solution for secure, long-term storage. However, the sheer volume of data generated today places unprecedented strain on production workflows, creating challenges in backup strategies and slowing down time-to-delivery.

As IT budgets tighten, both large post-production facilities and independent content creators are seeking effective ways to integrate LTO solutions into their everyday workflows. The ability to access shared resources and enhance flexibility is a top priority in these collaborative environments. Yet, many M&E professionals still rely on direct-attached SAS tape configurations that offer limited accessibility, are constrained by onboard resources, and lack the scalability needed to meet growing demands.

### Revolutionize Post-Production with Intelligent Tape Connectivity

Imagine an editing workstation connected to a standalone SAS LTO tape drive, serving as the backup resource for your studio. The tape drive's limited proximity means that different editing groups face significant resource challenges. Transferring large amounts of data across the network frequently results in congestion and bottlenecks, leading to backups that fail to complete on time. Studio professionals are forced to physically move the tape drive between editing suites and reconfigure systems to complete backups, adding unnecessary complexity to the workflow and jeopardizing project delivery times.

ATTO XstreamCORE 8100T Intelligent Bridge unlocks new levels of efficiency by leveraging your existing Ethernet network to connect to SAS LTO tape drives and libraries into modern M&E environments. This eliminates the need for otherwise costly and complex Fibre Channel SAN environments for networked tape library access.

This intelligent bridge transforms the tape drive into a shared asset on your network, accessible by multiple editing groups without being constrained by its physical proximity. With the 8100T, you can easily set up priority-based access, ensuring smoother backups of current projects and seamless migration of finished projects to archive. This not only simplifies your workflow but also ensures that your backups are completed on time, every time, ultimately enhancing productivity and keeping your projects on track.

Additionally, NAS systems that do not have a SAS option to connect to LTO tape drives can now take advantage of the iSCSI-based 8100T.

## Shared Content Management made easier with XstreamCORE and Archiware P5

Archiware P5 software complements ATTO XstreamCORE 8100T by providing a user-friendly platform for managing data and accessing LTO tape drives directly over your Ethernet network. P5 supports Windows, Mac, Linux and TrueNAS/FreeNAS[OJ1] allowing platform-neutral workflows with 8100T. P5 solutions range from cloning data from one OS to another or restoring files on a different platform to backup and archiving to LTO tape – all with ease. Adapting to changing needs is the key to success in a fast-evolving industry such as Media and Entertainment. With ATTO XstreamCORE and Archiware P5 software, you can address this need by providing a powerful combination of flexible storage connectivity and effective management of tape backup and archiving.

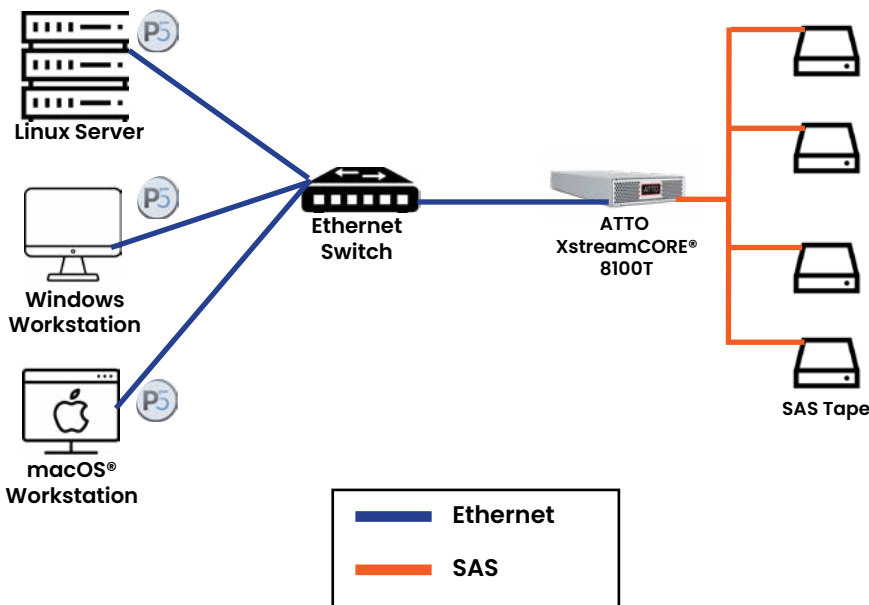


Fig: Optimize content lifecycle management with streamlined data transfer to tape over Ethernet

ATTO Technology provides a suite of unique storage and network connectivity solutions tailored to the needs of media professionals at every stage of post-production and content management. The XstreamCORE 8100T Intelligent Bridge is at the heart of this transformation, offering centralized access and management of LTO tape storage from any device within a network.

This innovative solution facilitates fast, efficient data transfers and quick migration of large data volumes to and from tape storage, dramatically improving the efficiency of media workflows. Unlock the full potential of your media production and ensure your workflows are ready to meet the demands of today and tomorrow.



### Archiware P5 Features

- Protect data on all levels in ONE solution: Archive, Backup, Cloning/Replication
- Save time finding files with Archive as Single Source of Truth
- Replicate data to ensure high-availability
- Runs on Mac, Windows, Linux
- Compatible with virtually any Tape hardware
- Fits into existing hardware environment

For more information, visit [www.archiware.com](http://www.archiware.com)



### XstreamCORE® 8100T Features

- Improve architectural agility with flexible access between multiple workstations
- Enable dynamic allocation of tape storage resources when and where needed
- Increase availability with Ethernet-enabled tape storage disaggregation
- Modular expansion capabilities to meet future readiness and business needs
- Easy-to-use and intuitive configuration and management capabilities
- Integrate with existing infrastructure without the need for "rip-and-replace"