

# Simplifying Media Management & Storage for Video Production Workflows

## Quantum StorNext and axle Media Management

StorNext® customers ready to adopt a Media Asset Manager that integrates with their editing, content creation, and monetization workflows will find axle Video's Production Asset Management an appealing choice. axle Video is a simple, highly affordable MAM solution that lowers the cost of managing video, audio, and rich media assets. axle creates a truly collaborative video content production environment when deployed in combination with StorNext.

### ASSET MANAGEMENT MADE SIMPLE WITHOUT CHANGING YOUR PRODUCTION WORKFLOWS

While many Media Asset Management solutions require changes to the way creative workflows utilize storage, axle Video lets production professionals view and modify content in the high-performance StorNext shared folders, and continue to access it with popular tools like Apple Final Cut Pro, Adobe Premiere Pro, or Avid Media Composer. Creatives simply interact with content directly on their StorNext collaborative, shared storage, and gain another powerful way to manage and browse content across their entire environment with axle's powerful, web-based asset management application.

Complete Xsan compatibility and integration with the leading editing suites like Apple Final Cut Pro, Adobe Premiere, and others ensure that users are up and running quickly. Quantum StorNext's flexibility and power ensure reliable, collaborative workflows that users can depend on, and are ready to grow as your production does and is ready to meet your newest content challenges. Ready for 4K content creation? No problem—the StorNext File System can handle it. Want to integrate transcoding into multiple media formats on top of the same storage? Easy. StorNext provides a single collaborative shared environment across Windows, Mac, and Linux workstations and servers in the workflow, and can help you blend SAN and NAS-based workflows.



### SOLUTION PROFILE

The combined axle Video and Quantum StorNext packaged solution is ideal for:

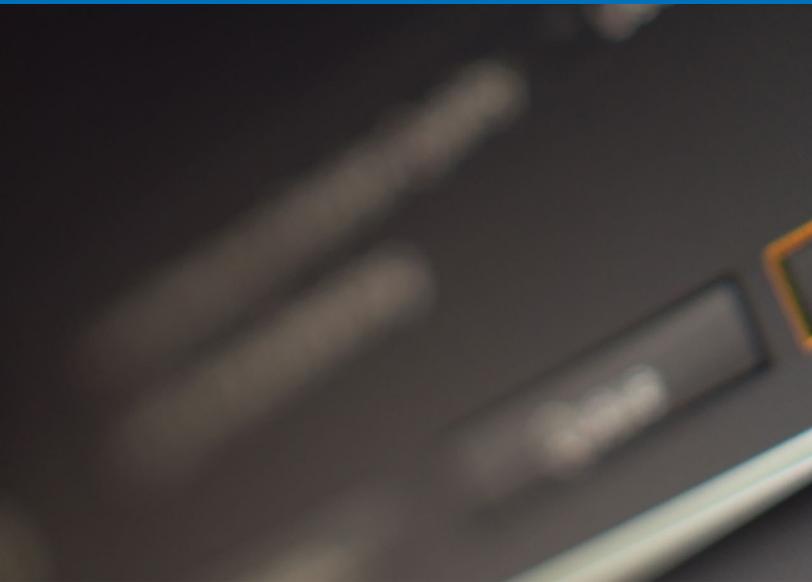
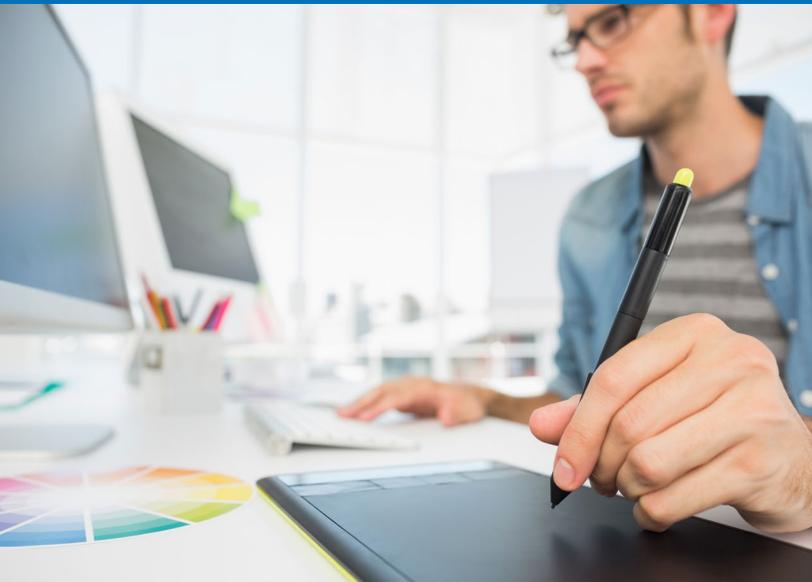
- Professional video production facilities using Apple Final Cut Pro, Adobe Premiere Pro, or Avid Media Composer for video editing
- Post-production, Sports, Houses of Worship, universities, and corporate enterprises looking to catalogue, store, and repurpose content from a searchable archive
- Video professionals using HD/SLR cameras and needing a replacement for physical film to protect and archive content
- Small to mid-sized environments that have limited resources to integrate and deploy a high-cost MAM and content archive solution

### BENEFITS

- Integrated search across the archive from a simple, easily accessible web interface
- Ability to archive entire project directories based on policies
- Multi-platform support enables multiple applications to write and retrieve content from the axle MAM
- Strong Apple connectivity makes it a perfect companion for Final Cut Pro or Adobe Premiere Pro and Xsan environments
- Pre-defined recommended configurations based on StorNext appliances reduces costs

#### FOR MORE INFO:

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[www.axlevideo.com](http://www.axlevideo.com) | [info@axlevideo.com](mailto:info@axlevideo.com) | 1.617.262.9222



### COLLABORATION AND APPROVAL

axle provides the ability to catalogue and track assets throughout their lifecycle—from ingest, to edit and archive. To assist with editing and collaboration, axle creates thumbnails and H.264 proxies for media files and enables users to create frame-accurate shot lists, which can be exported to Adobe Premiere, Avid Media Composer, or Final Cut Pro. Editors can share content and metadata with producers and each other as they normally would, all while operating over the high-performance StorNext File System. Producers can preview content remotely using axle’s review and approval workflow, including iPhone and Android support. An operator can select one or more files and send an encrypted link from axle via e-mail to protect a client’s confidential content from inadvertent access. axle provides several other advanced capabilities such as timeline comments and custom metadata fields in addition to integration with Telestream Episode Pro for multi-format transcodes.

### SAVE MONEY WITH CONTENT ARCHIVAL AND RETRIEVAL

Once the project is complete and the content needs to be archived for preservation or re-use, axle can interact with StorNext Storage Manager to protect this content while continuing to make it readily available to creatives through their normal folder view. Instead of assuming all assets are stored on the same expensive NAS tier once the content has been produced and distributed, StorNext can automatically store less-frequently accessed content on lower-cost storage—such as LTFS-formatted tape, low-cost disk or cloud storage. The StorNext AEL Archive

appliance integrates Quantum hardware and software to deliver a reliable, high-capacity archive intended for the long-term storage of near-line content.

### TESTED FOR PRODUCTION AND ARCHIVE WORKFLOWS

axle is designed for “work in progress” content workflows, but it also provides a Video Archive component software to archive content projects to a separate disk location. The automated archival component of StorNext can complement axle by handling the movement of content to a low-cost LTO tape, disk, or public cloud tier to lower the cost of long-term storage. axle Video has been tested together with Quantum StorNext to make sure the interoperability is more than just paper claims. Two primary archive workflows have been validated in the lab, which include:

- **Archival using StorNext Storage Manager File Migration policy.** StorNext Storage Manager manages the archival and retrieval of content to and from the archive (Lattus™ object storage or Q-Cloud™). The administrator defines a Storage Manager file migration policy that moves media assets catalogued by axle from the high-speed, work-in-progress file system to a true archive disk or tape tier. Once the files are moved to the archive, they’re replaced by a stub. Metadata and Proxy files are still visible in the axle Media Asset Management system or directly by the media applications. Whenever you access the full-res file from axle, the file will automatically be restored from the archive to the production SAN or LAN. This workflow is ideal for creative professionals who are comfortable with automated archival based on pre-set policies.

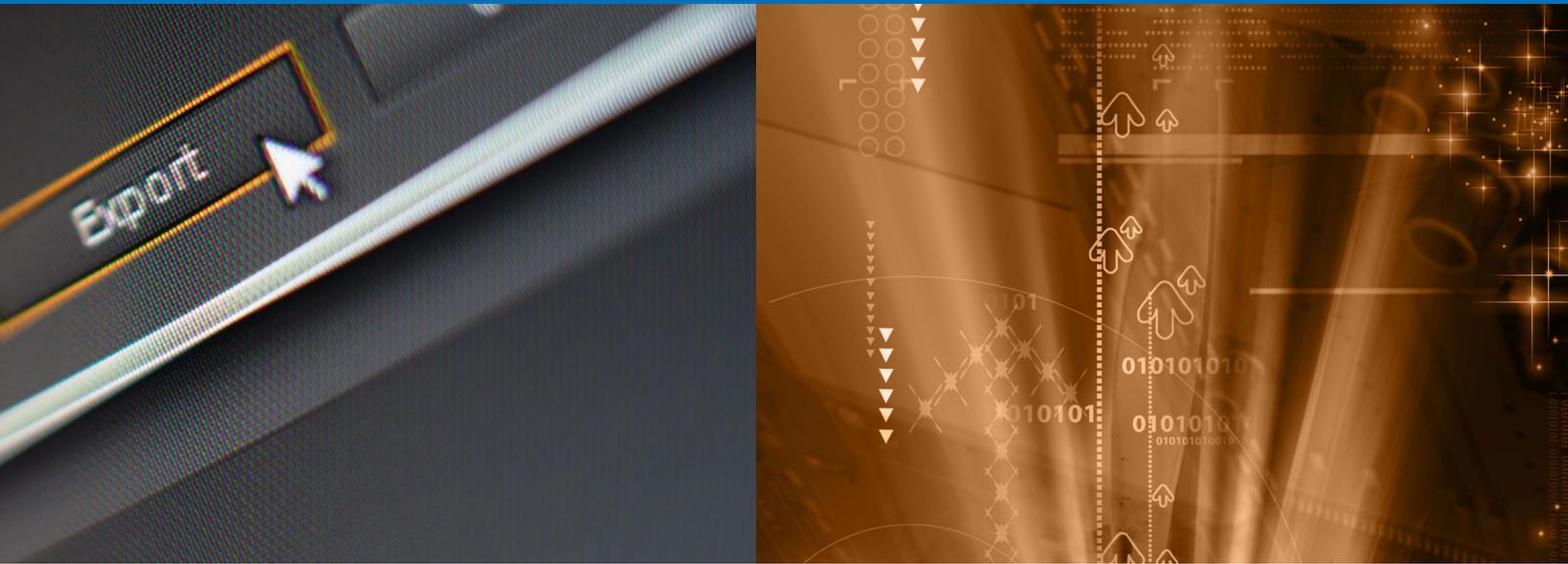
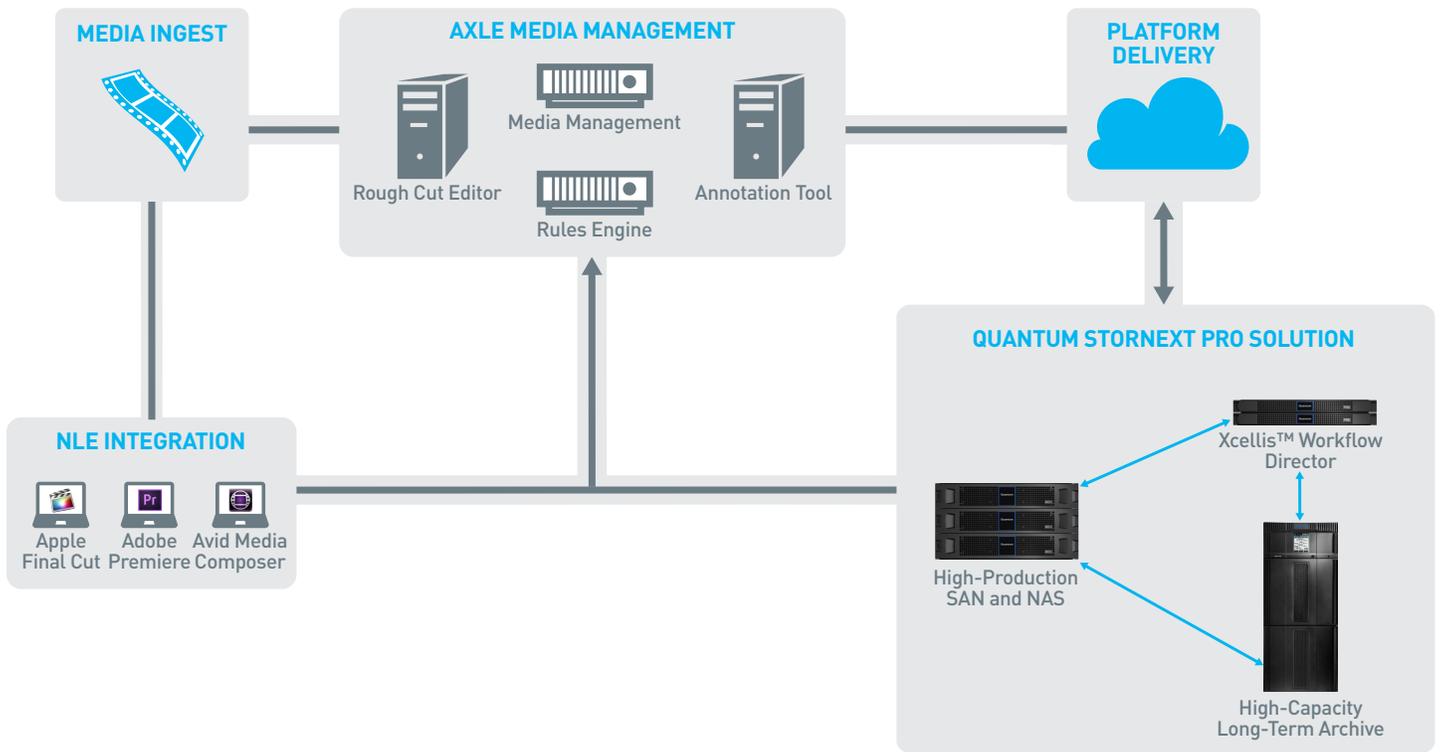


Figure 1. Example axle and Quantum Environment



- **axle Video Archive moves files to StorNext SAN, then StorNext Storage Manager moves files to archive (LTO, disk, or Lattus).** This workflow is very similar to the previous workflow, except that the axle Video Archive feature is first used to move files to an intermediary disk location. Then StorNext Storage Manager will automatically move those files to the archive and replace them by a stub. Whenever you use the axle Video Archive to restore a file, it automatically restores the file from the archive. This workflow is ideal for video production environments that need more granular control of the files to archive using the axle Video Archive software but still need to protect content to a deeper archive such as LTO tape using pre-defined StorNext Storage Manager policies.

#### THE AXLE VIDEO ADVANTAGE

axle Video is a Boston-based company that is bringing radical simplicity to media management for small and mid-sized workgroups. axle systems are designed to be installed and configured in less than an hour. The company sells its product worldwide through highly qualified resellers and system integrators.

#### THE QUANTUM STORNEXT ADVANTAGE

In addition to providing a local archive for axle Video, StorNext Pro Solutions provide a complete, high-performance shared storage solution to the entire content team, from editing, finishing, content management, and more—all running on multiple platforms. Content is held on the most appropriate disk, tape, or cloud tier, freeing up valuable high-performance disk and providing cost-effective long-term storage. StorNext Pro Foundation combines proven StorNext collaboration and workflow support at an entry-level price point that makes it more accessible than ever.

#### ABOUT QUANTUM

Quantum is a leading expert in scale-out storage, archive and data protection. Its StorNext 5 solutions power modern workflows, enabling high-performance, real-time collaboration and keeping content readily accessible for future use and re-monetization. More than 100,000 customers have trusted Quantum to address their most demanding content workflow needs, including top studios, major broadcasters and new, cutting-edge content creators. With Quantum, customers can Be Certain™ they have the end-to-end storage platform to manage assets from ingest through finishing, and into delivery and long-term preservation. See how at [www.stornext.com](http://www.stornext.com).

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