



10 Reasons Why Studios Choose DataCore Solutions For Long-term Content Preservation

Creative and post-production studio workflows are complex, with content being created in studio and in remote locations, and production often split between facility and remote workers. While public cloud can be effective for remote production, the cost of frequently accessing content can be highly unpredictable, slow, and costly to manage. Keeping large amounts of assets in primary storage is often impractical, not to mention not as secure as it should be. There is a better alternative.

DataCore offers digital content creators several S3 cloud native solutions that are purpose built for nearline content archive, preservation, and distribution. Here are TEN reasons why these media optimized solutions offer the most secure, accessible, cost-predictable long-term preservation.



1. Seamless integration with your existing workflow and applications

DataCore S3 cloud native archive solutions are easy to use and plug right into your existing infrastructure. They are certified with popular media asset managers, and support creative applications, toolsets, and the cloud, so your teams can get right to work!



3. Simple, cost-predictable scalability to support growing capacities

Future-proof your archive to support growing capacities of 4K, 8K, and VR/360 formats. Start with just the capacity you need today and expand incrementally to match your growing content archive from Terabytes (TBs) to Exabytes (EBs) without having to restructure workflows or re-organize your assets. Automatic load balancing allows fast growth with no added administrative effort or cost.



2. Highest levels of security against accidental or malicious tampering. Safe and secure access for remote workers

Built-in multi-layer security defends your content from ransomware and other cyber threats. Apply proven measures like encryption in-flight and at-rest, immutability, WORM (write once read many) to deter internal or external parties from breaching the integrity of your content. In addition, advanced identity management, single sign-on, authentication makes access safe and secure, whether it's safely screening content or providing access for remote workers.



4. Proven resilience to preserve your content forever, without disruptive migration

Designed from day one to protect your valuable digital content forever. Unlike RAID systems, our solutions let you replace and expand capacity with higher density disks with no disruption. The software automatically manages replicas and erasure coding with continuous integrity checks and fast volume recovery that restores data not disks. Our innovative distributed recoveries get faster as the cluster grows, providing nearly unlimited scalability with no noticeable performance penalty.



5. Fast, easy content access, retrieval, and distribution

Secure web-based portal provides easy search, access and retrieval of all archived content for editing, sharing and distribution. Partial File Restore (PFR) capabilities help you clip specific segments from large video files directly from the archive layer for editing, review, or distribution.



6. Fast on-demand content delivery

All assets can be quickly ingested to Swarm or SymplyPeriphery for secure long-term preservation. Once there, they are natively accessible via HTTP and, using fast range reads, the content can be delivered via a Content Delivery Network (CDN) or streamed on-demand directly from the archive.



7. Support hybrid cloud strategies

Our S3 cloud native solutions make supporting a hybrid cloud strategy easy, by providing low-latency, cost-predictive on-premises nearline archive, with the ability to copy content to and from public cloud, as needed, to support burst for processing or rendering workflows or cold archive.



8. Unparalleled support

Unlike many smaller vendors and open-source offerings, DataCore support centers located around the globe offer follow-the-sun assistance. Staffed exclusively by Level 3 Engineers recognized for excellence by earning the Stevie® Award for nine consecutive years in the category of Front-Line Customer Service Team of the Year, Technology Industries.



9. CHOOSE the BEST solution to meet your needs

DataCore Swarm Software Only

DataCore-certified partners deploy Swarm software on your choice of standard x86 servers and storage, tailoring the solution to your preferences. You can later easily mix current and future hardware as new technology evolves or workflows change.

Ready-to-use in-facility Appliance:

Purchase a pre-configured media optimized archive appliance offered by DataCore partner, Symply. SymplyPERIFERY S3 cloud native appliance is powered by DataCore Periphery, a customized version of Swarm designed for appliances and edge devices. Several third-party applications, chosen to optimize media workflows and public cloud connectivity, can be embedded into the appliance.

SymplyTRANSPORTER On-set Media Appliance

Powered by DataCore Periphery this fast, efficient, secure appliance transports media content between on-set locations and in-facility S3 storage. SymplyTRANSPORTER can be used either as a standalone device, or with existing in-facility SymplyPERIFERY or DataCore Swarm clusters. Quicker and easier than common hard drive and SSD-based arrays, there's no time wasted rebuilding and reparing RAID arrays for use back in the field. Ships in a rugged wheeled waterproof flight case and sets up in minutes!



10. Adobe Premiere Pro Plug-in Panel

DataCore's state-of-the-art Periphery Panel for Adobe Premiere Pro streamlines access to content directly from DataCore Swarm and SymplyPeriphery appliances. Editors can just drag and drop media into the Adobe Premiere Pro timeline, without having to use search tools outside the application, and they can instantly enrich metadata and classify digital assets for rapid retrieval. The Periphery Panel significantly speeds up production workflows so projects can get done faster.

We know the industry!

Serving the media industry for over 15 years, DataCore Software is dedicated to delivering world-class solutions to address the growing demands for content archive, preservation, and distribution. Swarm software, Periphery appliances and edge devices, preserve and protect valuable content at the core, edge, and cloud. Fast, secure, affordable, at any scale, media professionals monetize faster with DataCore.



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