



Easy and Affordable S3 Cloud Native In-Facility Archive

Best of the Cloud. No Downsides.

BENEFITS

- Seamless integration with existing media applications
- Simple, cost-predictable scalability
 - *Migrate in place*
 - *Eliminate refresh cycles*
 - *Offload content from public cloud*
- Fast content search and access
- Enhanced metadata awareness
- Advanced multi-layer security
- Automated replication and erasure coding for highest levels of protection
- Hybrid cloud compatible
- Multi-tenant capabilities
- Stream directly from archive
- Award winning global support
- INCLUDED: Adobe Premiere Pro plug-in Panel

Preserve Content for Reuse and Remonetization while Reducing Costs and Complexity

DataCore Swarm offers a cost-effective nearline archive to preserve, protect, and access valuable digital assets for reuse and monetization. Whether employed in-facility or as part of a hybrid cloud strategy, you will enjoy the best features of the public cloud without its unpredictable latencies and costs.

The S3 cloud native solution reduces costs and complexity by offloading content from expensive primary on-line workspace. Once content is offloaded, Swarm keeps it online and easily accessible anywhere and anytime using a powerful web-based search tool and enhanced metadata awareness.

Swarm drops right into your existing media and entertainment workflows through certified integrations with popular media asset managers (MAM) and archive applications. Features for metadata enrichment enhance content cataloging and searches long after the assets were first produced.

Safeguard your digital content for long-term preservation through a choice of advanced data protection techniques. These can be pre-configured to automatically match your intent as the value of the content changes over time.

The system scales incrementally and non-disruptively for added capacity and throughput. And with migration in place technology, you are freed from disruptive and time-consuming archive refresh cycles forever.

Deployment Options to Meet your Specific Media Archive Needs

DataCore Swarm Software Only **Swarm**

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 Appliance **SYMPLYPERIFERY**

Purchase a pre-configured media archive appliance offered by DataCore partner, Symply. The SymplyPERIFERY 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.

INCLUDED - 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 Panel significantly speeds up production workflows so projects can get done faster.

Seamless Integration and Unlimited Scalability

The S3 in-facility archive software or appliance integrate effortlessly into existing workflows with today's popular media and video applications.

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.

In addition, multiple clusters can be distributed across sites for higher resiliency and proximity to users and their applications.

Highest levels of Security and Protection for Long-term Preservation

Swarm is purpose-built with many vital security and protection features to keep archive content safe for the long-term.

Advanced identity management, single sign-on, authentication makes access safe and secure, whether it's safely screening content or providing access for remote workers.

Built-in multi-layer security defends your content from ransomware and other cyber threats with multi-layer security, 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.

The software combines automated management of replication and erasure coding. A built-in health processor continually checks for failed hardware, bit rot, replica or erasure coding anomalies, and network problems. Self-healing mechanisms ensure Swarm nodes in a cluster cooperate with one another to recover from node failures. Recovery operations get faster as the cluster grows. With these intelligent built-in features, a single administrator can manage thousands of tenants and billions of files.

Easy Access, Retrieval and Distribution of Content Directly from the Archive

Content can be easily accessed across a single namespace through multiple protocols including S3, NFS, SMB and Swarm HTTP API. Users can search, share, and distribute content from a web-based portal given the right permissions. Partial File Restore (PFR) capabilities help you clip specific segments from large video files directly from the archive layer for editing, review, or distribution. Lastly, Swarm delivers massive multi-part parallel uploads for accelerated content ingestion and concurrent range reads for fast content delivery directly from the archive.

Award Winning Global 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.



Ecosystem



GET STARTED

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, and 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. www.datacore.com/periphery