



# 10 Reasons Why Swarm Solutions are the BEST for Long-term Content Preservation for Sports Assets

Sports content producers including professional sports teams and universities need to ensure that recent and historical videos are always available when needed for delivery to their hungry and dedicated fan base. Secure, cost-effective, long-term protection of these assets is paramount for continued reuse and remonetization.

Perifery Swarm solutions offer sports media creators several S3 cloud native solutions that are purpose built for nearline content archive, preservation, and distribution. Here are **ten reasons** why these in-facility and on-set media optimized solutions offer you the most secure, accessible, cost predictable long-term content preservation.



## 1. Seamless integration with your existing workflow and applications

Swarm solutions are designed to integrate with existing sports media infrastructure including production and archive (toolsets, asset managers, and even the cloud).



## 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. Keep your content secure! Highest levels of security against ransomware and other cyber threats

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.



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

Designed from day one to protect your valuable 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. 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 content delivery with OTT enablement

Natively accessible via HTTP, our solutions are ideal for content delivery origin storage, long-tail delivery and enabling over-the-top (OTT) services. All assets can be quickly ingested to Swarm or Perifery appliances for secure long-term preservation. Once there, using fast range reads, the sports media 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 for cold archive.



### 8. Perifery TRANSPORTER remote media appliance

This fast, efficient, secure appliance transports content between remote locations back to your on-premises primary, S3 or cloud storage. Quicker and easier and safer than common RAID arrays, there's no time wasted rebuilding and re-preparing RAID arrays for use back in the field. Ships in a premium rugged wheeled waterproof flight case. Sets up in minutes!



### 9. CHOOSE the BEST solution to meet your needs:

#### Swarm Software

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.

#### Appliances

Purchase pre-configured media archive appliances and edge devices offered by Perifery partners. Several third-party applications, chosen to optimize media workflows and public cloud connectivity can be embedded into the appliance. Just drop it right into your environment and get to work.



### 10. Adobe Premiere Pro Plug-in Panel - INCLUDED

State-of-the-art Perifery Panel for Adobe Premiere Pro streamlines access to content directly from Swarm and 3rd party Perifery 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 Perifery Panel significantly speeds up production workflows so projects can get done faster.

### We said 10 reasons, but we could not resist mentioning our unparalleled support

Unlike many smaller vendors and open-source offerings, our 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 ten consecutive years in the category of Front-Line Customer Service Team of the Year, Technology Industries.



### About Perifery, a Division of DataCore

Perifery, a Division of DataCore, provides world-class, innovative workflow solutions for evolving media organizations. Trusted by leading media and entertainment companies worldwide, Perifery appliances and Swarm software set the bar for fast, secure, and scalable solutions that preserve, protect, and speed up monetization of digital assets. Accelerating the customer journey from core to the edge and cloud, Perifery solutions redefine how storage resources are best utilized, enabling transformational business growth. [www.perifery.com](http://www.perifery.com)