

Swarm for M&E and Digital Video

A Scale-Out Storage Platform for Access, Distribution and Archive

DataCore Swarm object storage platform was designed to help you stay ahead of the ongoing challenges associated with storing rapidly scaling video archives and meeting on-demand viewing requirements. Offered as software only or as an all-in-one appliance, Swarm includes built-in streaming, content management, partial file restore, search, multi-site deployment and native data protection. Video-driven organizations can now enable private streaming, provide longtail video on demand, and centralize long-term video archive from various sources. All of this on a platform that is more accessible and easier to manage than tape and more secure and economical than the cloud.

STORAGE FOR TODAY'S ON-DEMAND REQUIREMENTS



STREAMING



SECURITY & PROTECTION



CONTENT MANAGEMENT



MULTI-SITE

INFRASTRUCTURE EFFICIENCIES

- Swarm runs from RAM enabling 95% drive utilization for your assets
- Use any mix of x86 servers so you can continue to upgrade hardware while eliminating vendor lock-in
- Pay as you grow, scale by the chassis or drive

OPERATIONAL EFFICIENCIES

- Continuous, built-in data resilience can be configured to withstand massive hardware failure
- Automated data recovery eliminates the need for error-prone and time-consuming manual management
- A single sys admin can manage over 100 PB+ and can add additional capacity or performance in 90 seconds

WORKFLOW EFFICIENCIES

- Enable cross platform collaboration and access via S3, HTTP, NFS and SMB support
- Find assets quickly with integrated search, custom metadata and playback accessible via a web-based portal or API
- Ingest, view and restore files efficiently through parallel uploads, web-playback range reads and partial file restore allowing you create a smaller video clip from a larger file

PLUGS INTO WORKFLOWS, STREAMLINES ON-DEMAND ACCESS

STREAMING AND VIDEO ON DEMAND

Accessible via HTTP or S3, Swarm is ideal for private content streaming, long-tail delivery, origin storage and enabling over-the-top (OTT) services directly from the archive storage layer.

TAPE REPLACEMENT WITH INTEGRATED PARTIAL FILE RESTORE

Through parallel reads/write, integrated search, automated rapid recovery and partial file restore, Swarm keeps content instantly accessible and available with minimal manual administration.

CENTRALIZED BACKUP TARGET

With S3, NFS, SMB, Windows and macOS interfaces, Swarm plugs into workflows as a new tier of storage between high-performance and cold storage.

DISTRIBUTION OF DIGITAL ASSETS

In addition to being a scalable, reliable and economical target for Digital Asset Management (DAM) Solutions, Swarm enables collaboration through automated, policy-based content replication.



EDITING
PLATFORMS



ASSET
MANAGEMENT



APPLICATIONS



DEVICES



CDN



Discover the Ultimate Flexibility of DataCore Software

DataCore Software delivers the industry's most flexible, intelligent, and powerful software-defined storage solutions for block, file and object storage, helping more than 10,000 customers worldwide modernize how they store, protect, and access data. With a comprehensive product suite, intellectual property portfolio, and unrivaled experience in storage virtualization and advanced data services, DataCore is The Authority on Software-Defined Storage. www.datacore.com

GET STARTED