



## Groundbreaking LTO LTFS Nearline & Archive

Linear Tape-Open (LTO) with Linear Tape File System (LTFS) archiving technology is the most cost-effective and reliable long-term storage option for the immense amounts of file-based content generated by today's media pipelines. This storage medium plays a critical role in managing explosive data growth. DNA Evolution combines nearline and archive storage capabilities using LTO LTFS tape to offer a dramatically more cost-effective infrastructure, with speeds ten times faster than network-based solutions. The only software solution designed specifically for LTFS, DNA Evolution maximizes its' "direct access" ability for digital workflows never before available. Engineered for media environments, it delivers the fastest data movement, search, restore, and access of your digital file-based content. With DNA Evolution, you can streamline your media pipeline and build a more cost-effective, scalable, searchable, and secure archive.



Enhanced built-in HTML-5 player

### Manage Data on LTO LTFS

Manage large amounts of file-based data from the field to post, and to final archive, and efficiently search, discover, access, and restore media.

### Control Post Production Storage Growth

Manage storage growth in post environments via automated Avid® and Adobe® project backup and archiving, with *Smart Conform* from LTO workflows including optional MOG Technologies integration and AAF/XML/EDL workflows.

### Archive and Repurpose Faster

Direct-connect architecture and high-performance data movers tuned for large media files and media storage deployments deliver the fastest possible archive and restore speeds.

### Ensure Secure, Healthy, Error-free Data

The 100% verification process keeps your media safe, healthy, and accessible today and in the future.

### Organize and Store Camera Master Content

Quickly and accurately locate archived camera master content to repurpose and monetize via the integrated web-based HTML-5 proxy player, with metadata tagging and powerful global search.

### Scale Easily as You Grow

Start small and scale easily to Petabyte-scale LTO storage environments, with DNA Evolution's centrally managed clustered architecture.

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DNA Evolution's innovative technology is purpose-built for media environments, delivering unmatched performance and workflows to help accelerate media pipelines.

### Advanced Features & Workflows

#### Integrated Camera Archive Asset Manager with *Smart Search*

- + Web-based Archive Asset Manager, with support for more than 180 camera formats
- + Powerful global *Smart Search*
- + Embedded HTML-5 player for low-res proxy viewing
- + Time-based clip tagging, mark in/out, user defined metadata

#### Avid, Adobe Automated Project Backup and Archiving

- + One-step archiving for Avid® and Adobe® projects
- + Automated incremental backup for Avid and Adobe projects
- + Collects project metadata (bins, sequences) and related media (native, AMA linked, graphics)
- + Restore intelligently by bins, clips, files or entire projects

#### Share and Collaborate

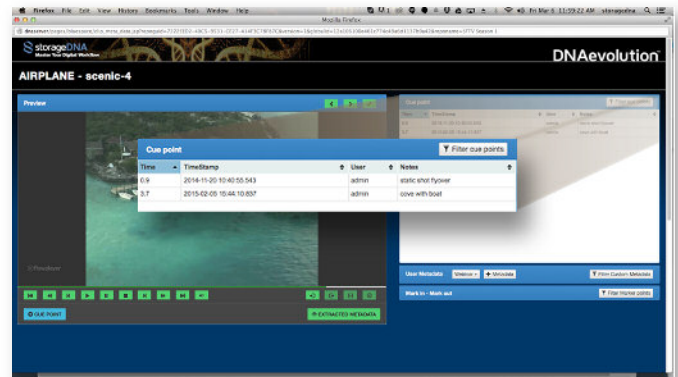
- + Local and remote users can search, find, review, and collaborate
- + Share clips and notes to collaborate with other users via email alerts
- + Web-based approvals workflow

#### Smart Conform and Partial Restore

- + Unique LTO conform engine simplifies HD and 4K workflows
- + Optional automated HD conform from LTO and partial restore from LTO workflow for Avid environments via [MOG Technologies](#)
- + Reduces time-consuming low-res to high-res conform processes

#### High-performance Data Movers

- + Delivers fastest archive performance, using multiple simultaneous data movers and jobs
- + Direct-connect transfers use high-speed interconnects like Fibre Channel and SAS, avoiding slower network data movement
- + Provides highest available performance across both small and large file sizes



Preview, tag, and annotate with built-in tools

“ Because of its advanced technologies, DNA Evolution is a nearline repository. Users can browse proxies, directly access files from LTO tape for operations like partial restores, have built-in media asset management functionality, and get fast access to and from the archive. Ultimately, we will continue to have great success with DNA Evolution for customers who need secure, accessible, and usable archives.” ”

Joe Kelly, General Manager, DAMsmart



Save time and storage costs with *Smart Conform*