

COLLABORATIVE EDITING WORKFLOWS USING EMC ISILON AND MXFSERVER

Manage workflows and projects from multiple platforms in a single, simple solution

ESSENTIALS

One Asset/One Volume

- MXFserver manages shared access to content without time-consuming file transfers or transcodes
- Project management and bin locking allow concurrent Adobe, Avid, and Final Cut Pro editorial workflows using a single asset
- Accelerate your workflow by eliminating proprietary silos of storage for archive and editing

MXFSERVER FROM FILMPARTNERS

Based in the Netherlands, FilmPartners has over 30 years of experience supporting the production industry. FilmPartners developed MXFserver to address the growing need for an open solution to manage projects and media from multiple platforms without proprietary storage and database technologies.

SCALABLE EDITING STORAGE AND CAPACITY

MXFserver is a repository for editorial metadata and project information with hooks into the EMC® Isilon® andOneFS™ operating system and a wide array of video production applications. Edit clients and ingest services connect directly to individual nodes of Isilon storage, while MXFserver sits on top of the workflow to manage access rights to shared storage. Isilon network-attached storage (NAS) uses standard network file-sharing protocols.

Isilon eliminates the need to expand a costly SAN infrastructure or purchase additional client licenses as your environment grows. Simply plug in additional Isilon nodes and instantly expand the capacity and performance of your storage infrastructure to accommodate additional editing, transcode, and render clients, without introducing costly downtime in your production workflows.

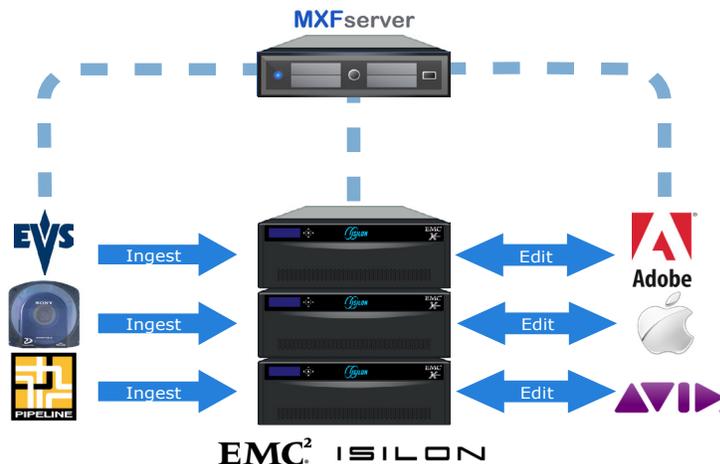


Figure 1. MXFserver orchestrates ingest, edit, and archive workflows connected to EMC Isilon scale-out NAS

MXFSERVER WORKFLOW

MXFserver is a unified project sharing solution for Adobe® Premiere™, Apple® Final Cut Pro™, Avid® Media Composer™, and ProTools™ running on a standard SQL database with open API controls and XML interoperability. Edit clients using the MXFserver client application and Isilon storage for their editing project and media storage gain full support for Avid and Final Cut Pro bin locking.

Manage Sony® XDCAM™ media, Panasonic® P2™ media, Telestream® Pipeline™, and EVS® XT™ ingest workflows and project sharing in a single, simple solution. MXFserver stores ingested content on the Isilon OneFS file system in the native archival quality MXF or QuickTime™ media file format and makes the content available for editing without the need for time-consuming transcode or rewrapping procedures.

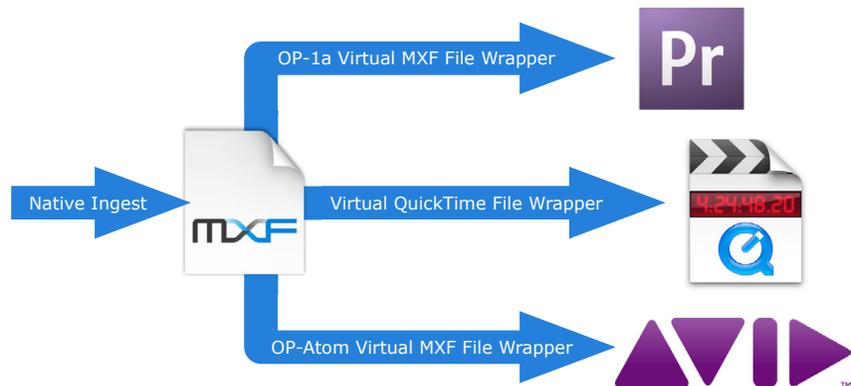


Figure 2. MXFserver virtualizes multiple media file wrapper formats from a single MXF or QuickTime file.

MXFserver manages editorial access to ingested content using virtual file wrapper formats and metadata expected by Adobe Premiere, Apple Final Cut Pro, and Avid Media Composer without moving or modifying the ingest content resident on the Isilon OneFS file system.

Client connections are evenly distributed across multiple nodes in the Isilon scale-out storage cluster, eliminating any single point of bandwidth congestion. Isilon OneFS is a truly scalable, clustered operating system designed from the ground up to simplify media workflows at any scale with minimal administrative requirements.

OneFS distributes all metadata and filesystem operations across every node in the cluster, eliminating the risk of performance degradation or file system corruption from a separate metadata controller or indexing service tracking too many media objects. As the cluster grows, performance and availability for new client connections increases linearly.

Please contact your local EMC Isilon sales representative today to arrange a product demonstration.

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