

One Platform for the Most Demanding Post-Production Workflows

Pixitmedia for High-End Post-Production | Solution Brief

Challenge: Post-Production Has Outgrown Conventional Storage

Frame rates climb, resolutions stretch from 4K to 8K and beyond, and media files keep getting larger. Modern facilities run Avid, Adobe, Resolve, Flame, Baselight, and Pro Tools side by side on the same storage.

- Performance ceilings keep moving. Higher frame rates and uncompressed formats push sustained bandwidth beyond what most platforms can deliver, and conventional storage degrades further as it fills.
- Multi-application chaos. Storage must serve Avid, Adobe, Resolve, Flame, and Pro Tools concurrently, each with different I/O patterns and protocol expectations.
- Manual tiering breaks down. Controlling TCO across many in-flight projects means moving older work off fast storage, but separate tools, scripts, and operator time make it unsustainable.

Solution: A Single Namespace Engineered for Every Discipline

Pixitmedia delivers a unified, multi-tier platform that handles every stage of post-production, from camera-original ingest to final delivery, without forcing compromises on performance, cost, or workflow.

Collaboration

Guaranteed multi-stream 4K and 8K performance across every creative application simultaneously

Data Management

Policy-driven tiering across NVMe, nearline, and capacity within a single global namespace

Orchestration

Ngenea automates lifecycle to object, cloud, and tape with transparent recall



Outcome: Storage That Keeps Up With Creative Demand

Leading post facilities run their pipelines on Pixitmedia. Pixstor's performance guarantee to 99% capacity, combined with Ngenea's automated orchestration, keeps today's project on fast storage while yesterday's archive stays instantly accessible.

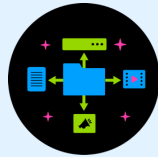
- **Faster than realtime ingest and transcode.** Sustained bandwidth feeds encoding workflows without backing up the queue.
- **Guaranteed playback to finishing apps.** Resolve, Flame, and Baselight run uncompressed and full-frame without dropped frames, even at 99% capacity.
- **Higher utilization, lower TCO.** Automated multi-tiering keeps active work on NVMe and ages older content to nearline, object, or cloud.
- **Hybrid cloud on your terms.** Extend Pixstor to AWS, Azure, GCP, or Swarm S3 without re-architecting workflows or paying egress on every recall.
- **One namespace, every application.** Avid, Adobe, Resolve, Flame, Pro Tools, and FilmLight all read and write the same filesystem.

Why Pixitmedia for Post-Production?



No performance ceiling

Sustained throughput at 99% capacity, validated under multi-stream 4K and 8K load



No application silos

A single namespace serves Avid, Adobe, Resolve, Flame, Baselight, and Pro Tools



No vendor lock-in

Commodity hardware, open formats, portable data across cloud and on-premises



No manual tiering

Policy-driven lifecycle from ingest to archive with transparent recall

Pixitmedia by DataCore

Pixitmedia by DataCore is a leading provider of intelligent content and metadata management solutions for the media and entertainment industry. Our multi-tier technology combines high-performance access, storage, and archiving with powerful orchestration and AI tools to simplify workflows. Built on an open architecture, Pixitmedia enables seamless collaboration while keeping assets searchable, protected, and available when they're needed. Learn more at pixitmedia.com

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