

# MEDIAFLUX<sup>®</sup>

SMARTER DATA STORAGE WITH MORE FLEXIBILITY



## HIGHLIGHTS

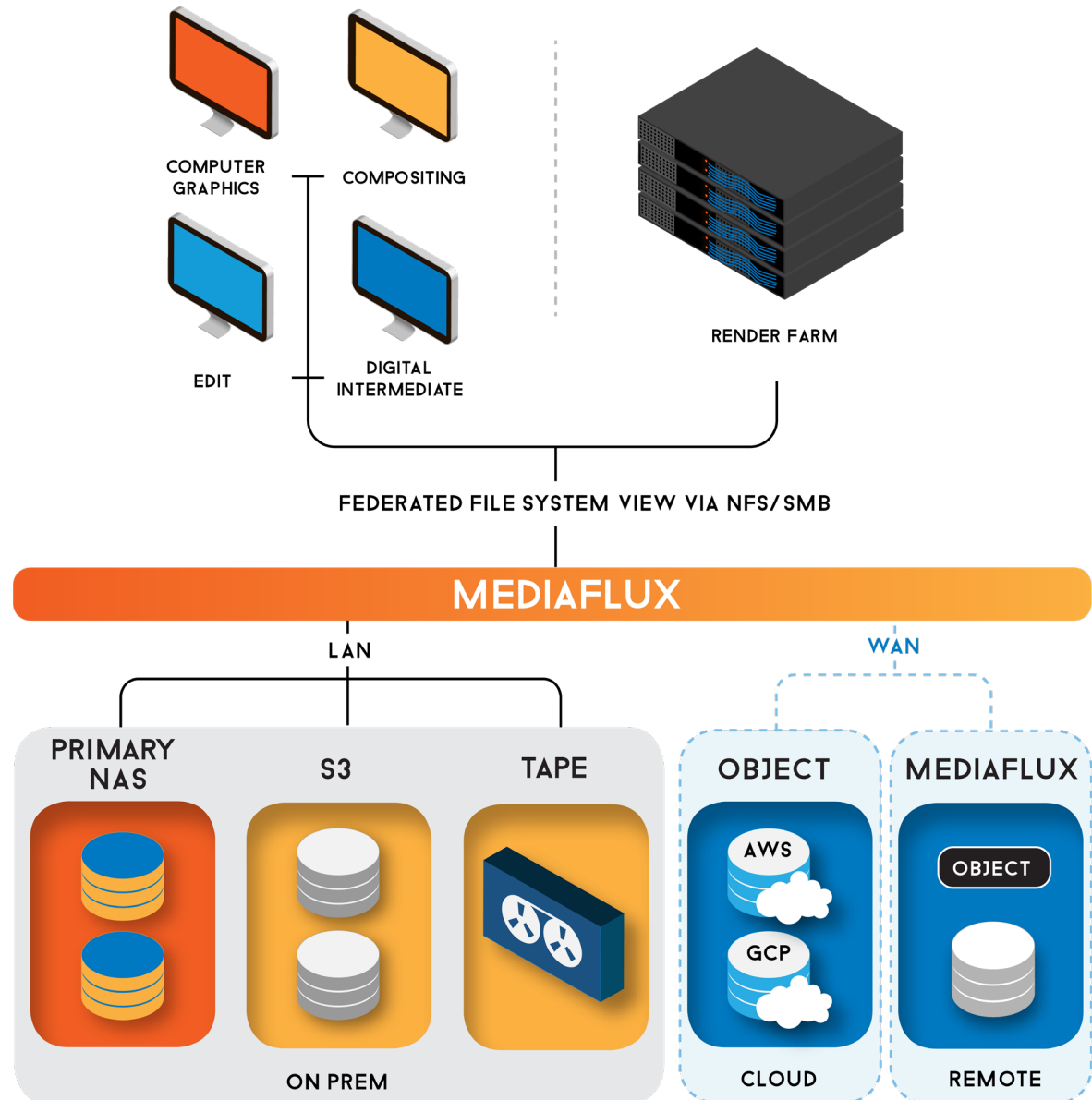
- Reduce costs by tiering data off expensive production storage
- Find and track media assets across production and archive storage
- Audit who has accessed assets
- Monetize archived assets for reuse
- Determine how much space a project uses, and where, for chargeback
- Accelerate Scale-Out NAS I/O

## THE ANIMATION, VFX & POST PRODUCTION WORKFLOW AND ASSET MANAGEMENT CHALLENGE

Media organizations are confronted with processing, moving, storing and keeping track of ever increasing resolution asset data, safely and economically storing assets long term, and easily finding them when needed for new productions and monetization. Lacking the availability of a capable data management platform, media organizations have been forced to resort to time consuming and expensive manual asset movement and management activities that don't scale.

## MEDIAFLUX TO THE RESCUE

Mediaflux enables media organizations to focus on production instead of tedious data management. Mediaflux orchestrates a rapidly adaptable smart tiered data storage infrastructure federating multiple on-line, nearline, offline volumes and technologies from multiple vendors. Mediaflux unifies these data silos into a secure distributed collaboration environment across a single global namespace. Designed for extreme scale and performance, Mediaflux automatically indexes content and metadata to enable global management and tracking of media assets on any storage system across multiple locations.



Multiple data silos support different parts of the media production workflow.

## FEATURES

- NFS / SMB gateway to S3 and Tape
- Built-in database to support policy based data migration
- Built-in queuing and scheduling for data migration
- Built-in encryption options for data-at-rest
- Multiple network file protocols : NFS, SMB, FTP
- Advanced permissions systems with AD integration
- Access auditing
- APIs and CLI scripting to construct advanced custom workflows

## REDUCE PRIMARY STORAGE COSTS

Evacuate primary storage upon project completion, tier data to low cost storage, deduplicate assets and remove useless data.

## FIND ASSETS EASILY

Metadata extraction and search locates hard-to-find assets, no matter where they are stored in the enterprise, by querying asset specific metadata.

## AUDIT WHO HAS ACCESSED SENSITIVE ASSETS

Mediaflux can compartmentalize asset access and records and monitors who has accessed what asset, providing detailed audit trail reporting.

## MONETIZE ARCHIVED ASSETS

Mediaflux extracts and tags assets with project, franchise, director, actor, product placement etc. so they can easily be located and recalled into primary storage to speed production schedules and reuse existing assets instead of creating new content.

## STORAGE COST CHARGEBACK

Characterize information by data type, use, owner, size, last accessed, etc. Gives administrators the information needed to lower storage costs and preserve research data.

## ACCELERATE SCALE-OUT NAS I/O

Identify where assets are stored and how much it costs. Gives administrators the information needed to allocate costs to projects and departments.

## FUTURE PROOF NEW STORAGE TECHNOLOGY ONSET

Mediaflux provides a layer of software defined storage between your workflow and storage systems - allowing you to roll-in new technologies (NVMe, Object, Cloud, etc.), without disrupting your existing workflow or interfaces.

## HIGH PERFORMANCE AND HIGH SCALE OPERATION

Parallel I/O for ingestion, migration and replication, high-performance, massively scalable XODB NoSQL database.

## ABOUT ARCITECTA

Arcitecta is a creative and innovative software company. Founded in 1998, it's our mission to build the world's best data management platforms.

Over nearly twenty years of innovation and entrepreneurship, our technology has formed the foundation for managing the simplest, and the most complex data, for individuals through to large teams of people at global enterprises. Our experience in working with our customers to define the questions they need answering has simplified data intensive workflows. We expose pioneering ways for our partners to speed up the pace of discovery and translate that into tangible actions.

Our technology is only one part of our successful and enduring relationships. The best outcomes for demanding customer challenges arise from deep collaboration. We place great value on becoming fully immersed in your problem-space to help craft the best possible, custom-curated biological database for the most demanding research environments.

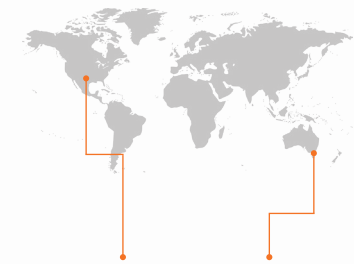
## WE SOLVE PROBLEMS OTHERS CANNOT

We own the entire technology architecture. With deep knowledge of every line of code, we can customize a solution to the most complex data problems.

## TOGETHER, WE BUILD YOUR FUTURE

After listening to our customers' needs, we have the product and people-power to create and implement the best possible solutions - we build what you need.

Let's start a conversation about what's possible.



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