

# Storage Virtualization

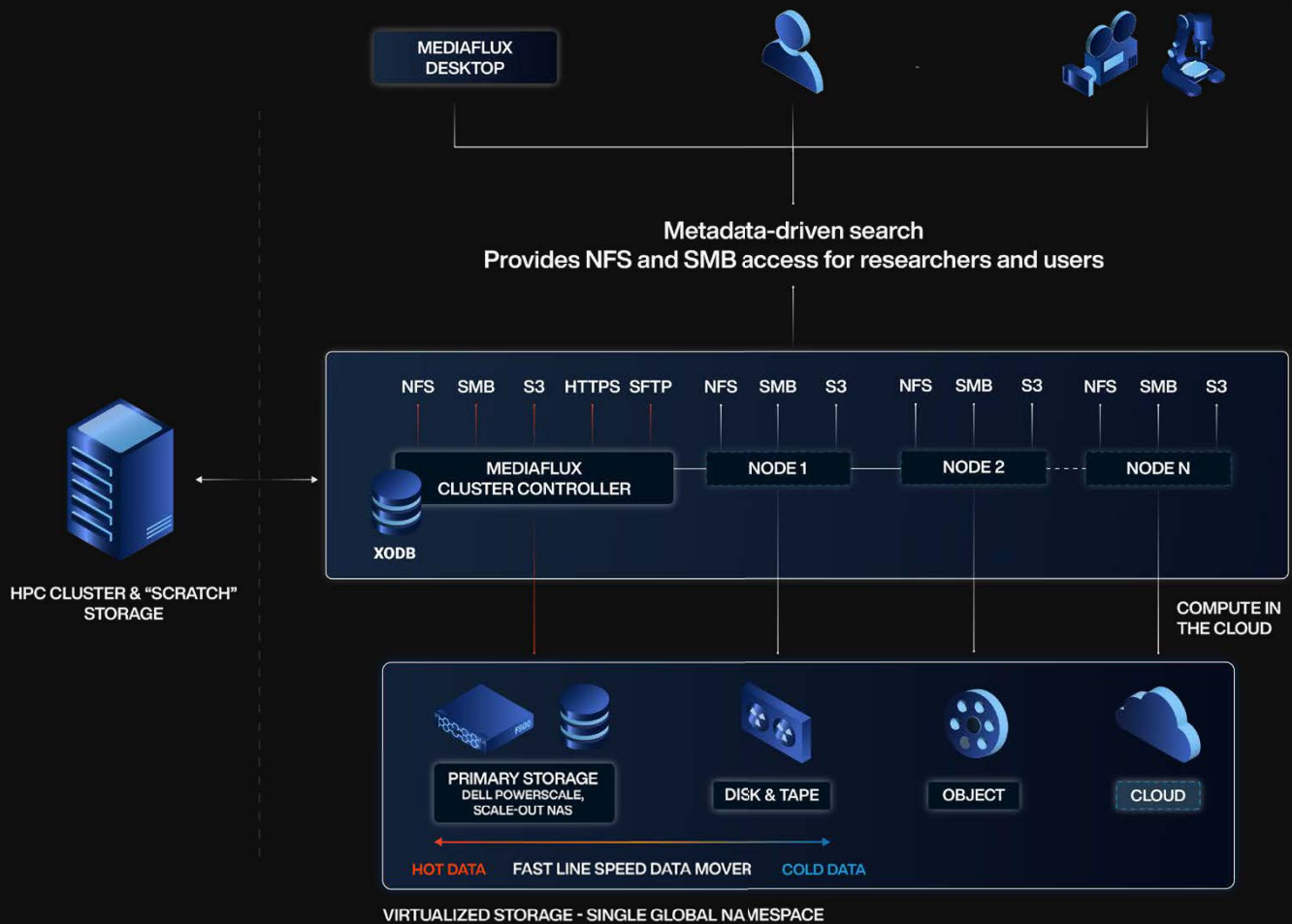
A complete view of your disparate data

Mediaflux® is a data management fabric that hides the underlying storage details from users to present a single point of access to all disparate data.

By de-coupling the access protocols from the storage technologies, Mediaflux unifies data silos into a global namespace to optimize workflows for a more intelligent and flexible data management

Mediaflux supports the following storage targets:

- **POSIX mounts (file-systems)**
- **Native NFSv3**
- **Cloud:**
  - Amazon S3
  - Amazon Glacier
  - Microsoft Azure
  - Google Cloud Platform
- **Tape:**
  - HPE DMF
  - SpectraLogic BlackPearl



# Keep ahead of evolving storage requirements

Storage virtualization with Mediaflux smooths workflows and provides several benefits for future proofing data management and backup.

## Increase existing storage performance by up to 30%

Dynamically manages load distribution for data transfer, syncs, and replication across storage systems in parallel to support scalability and workflow continuity.

## A globally consistent filesystem

Synchronizes metadata and automates localization to scale up and distribute increased workloads to remote workers and multiple physical sites worldwide.

## Easily find data

Performs high-performance metadata-based searches across a single global namespace regardless of where the data is stored.

## Active storage management

Uses arbitrary metadata to drive policies to tier data to appropriate storage at maximal speeds to reduce storage costs, increase performance and mitigate against the risk of significant data loss or corruption.

## Storage resiliency

The virtualized storage continues to function in instances such as cyber-attacks, crypto-locking, or hardware failure.

## Up to 70% storage cost optimization.

Effectively use and repurpose existing on-prem hardware, or add new cheaper storage by transparently moving data between storage tiers in response to the data life cycle.

## Genetic diversity with no lock in

Enjoy the freedom to mix and match storage from different vendors and technologies throughout the data life cycle based on cost-performance preferences. Leave at any time.

## Flexibility to adapt

Add, remove and change storage tiers without changing the end-user's pathway to find it.

## No system down time

Maintain stable workflows by seamlessly integrating new storage into existing environments with an evolutionary approach.

## Predictive analytics on storage

Track storage costs for every file or user in the system and leverage inbuilt predictive analytics to budget for future requirements.

