POST-PRODUCTION STORAGE

THE SITUATION

Post-Production operations place a heavy load on storage, and need storage to be ultra-flexible, easy to manage and super reliable.

The storage is central to workflow efficiency. Clients often produce more content than expected in different timeframes than expected, then must still meet their deadlines.
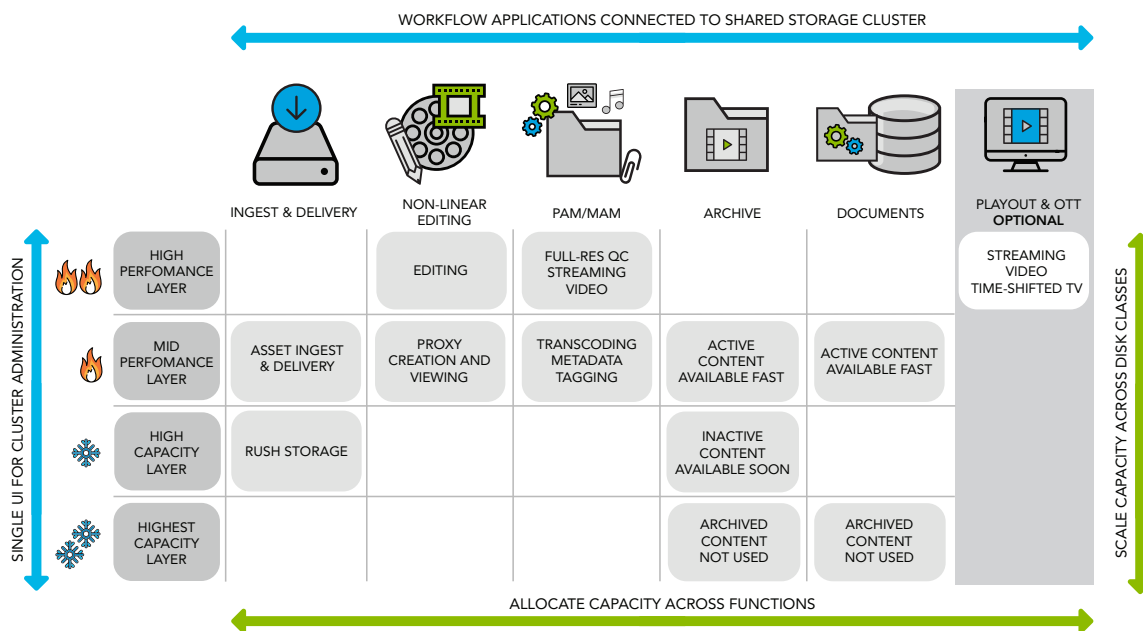
THE PROBLEM

Rigid islands of storage waste time and create manual work for Post-Production operations. The islands have been created through the use of network drives, RAID configurations, and legacy file-based storage systems.

This has resulted in a platform that will not scale easily, cannot be changed while in-service, will not self-heal, and will not be any easier to use in future. Time-consuming operational planning overcomes some of the constraints, but not all.

THE SOLUTION

Software-defined Hybrid-Object Storage changes the game for Post-Production Operations, providing on-prem cloud storage functionality.

WORKFLOW APPLICATIONS CONNECTED TO SHARED STORAGE CLUSTER

SINGLE UI FOR CLUSTER ADMINISTRATION

SCALE CAPACITY ACROSS DISK CLASSES

	INGEST & DELIVERY	NON-LINEAR EDITING	PAM/MAM	ARCHIVE	DOCUMENTS	PLAYOUT & OTT OPTIONAL
HIGH PERFOMANCE LAYER		EDITING	FULL-RES QC STREAMING VIDEO			STREAMING VIDEO TIME-SHIFTED TV
MID PERFOMANCE LAYER	ASSET INGEST & DELIVERY	PROXY CREATION AND VIEWING	TRANSCODING METADATA TAGGING	ACTIVE CONTENT AVAILABLE FAST	ACTIVE CONTENT AVAILABLE FAST	
HIGH CAPACITY LAYER	RUSH STORAGE			INACTIVE CONTENT AVAILABLE SOON		
HIGHEST CAPACITY LAYER				ARCHIVED CONTENT NOT USED	ARCHIVED CONTENT NOT USED	

ALLOCATE CAPACITY ACROSS FUNCTIONS

Scale-out back-end storage for easy expansion, even on live systems.	Storage "Groups" make Capacity Allocation and File Movements easy.	Avoid RAID I/O bottlenecks. Leverage all the disks in the cluster.
Combine Object, CIFS and NFS applications in a single platform.	Escape RAID. Use Erasure-coding and Scrubbing for best data protection.	Edit directly on high-performance storage (where software allows).

How Vecima's MediaScaleX // Storage makes life easier

Multi-Protocol

Support for File and Object protocols fits with your existing applications and provides an easy path to Object storage as applications evolve.

Single UI

Operationally the most important part of the system. We've packed in all the features you need to easily manage your system, allocate capacity to your projects, and deeply understand system performance.

Erasure-Coding

RAID is unreliable and inflexible for large systems. Erasure-coding ensures your data is protected to the maximum, with different configurations to suit you.
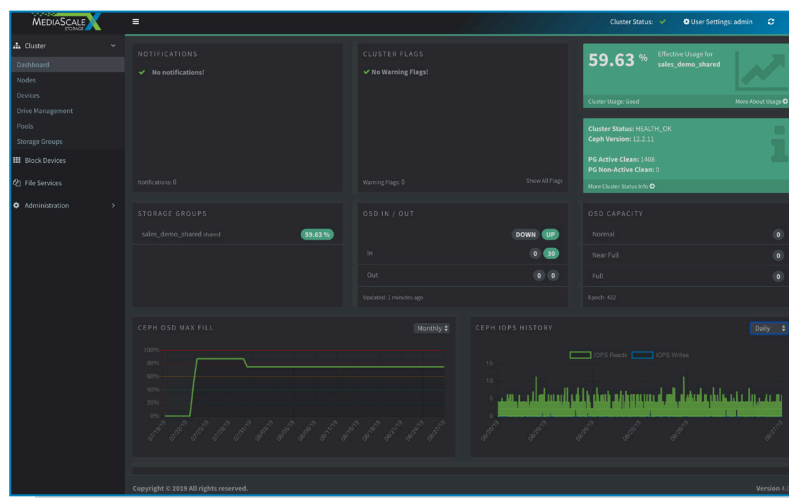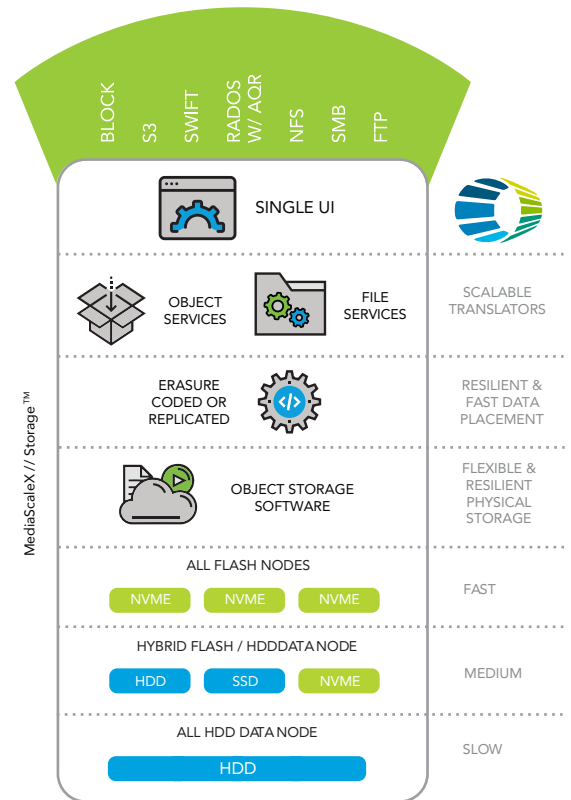
Object Storage Software

The back-end of the system is object storage. So it scales (in small and large increments), and it protects data with background scrubbing processes, and it's self-healing.

Hybrid COTS Layers

Don't get trapped with bespoke hardware. Use COTS hardware and auto-tier between layers – it's simple, as it should be. Source hardware through Vecima for easy support and management.

Open

It's easy to forget. Open = easy to live with. We've made our platform as open as possible so you, the customer, are in control of your own destiny.

Powerful UI – System Health & Management in one place

WE KNOW VIDEO STORAGE

We have built video-tuned storage systems for over 20 years. Today, our MediaScaleX // Storage solution supports next-generation media workflows. Built for speed, scale, flexibility, reliability and ease of use.

THE BOTTOM LINE

Vecima can consolidate your storage infrastructure by architecting, building and maintaining a multi-workload storage solution that supports your content storage needs today and in the future.