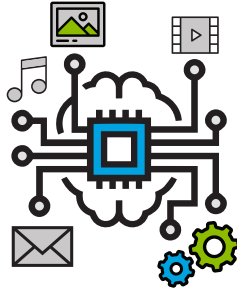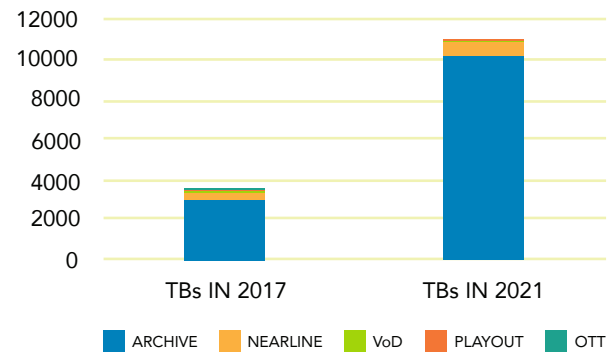## THE SITUATION

Your content is stored in multiple storage islands, causing unnecessary work and complexity. 4K content and OTT distribution are causing libraries to grow rapidly.
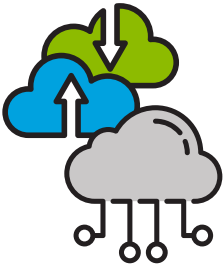
BY 2021: >200% CONTENT LIBRARY GROWTH FOR MOST MEDIA COMPANIES. MOST GROWTH IN MONETIZABLE ARCHIVES.

TBs OF STORAGE-TYPICAL GROWTH SCENARIO (2017-2021)

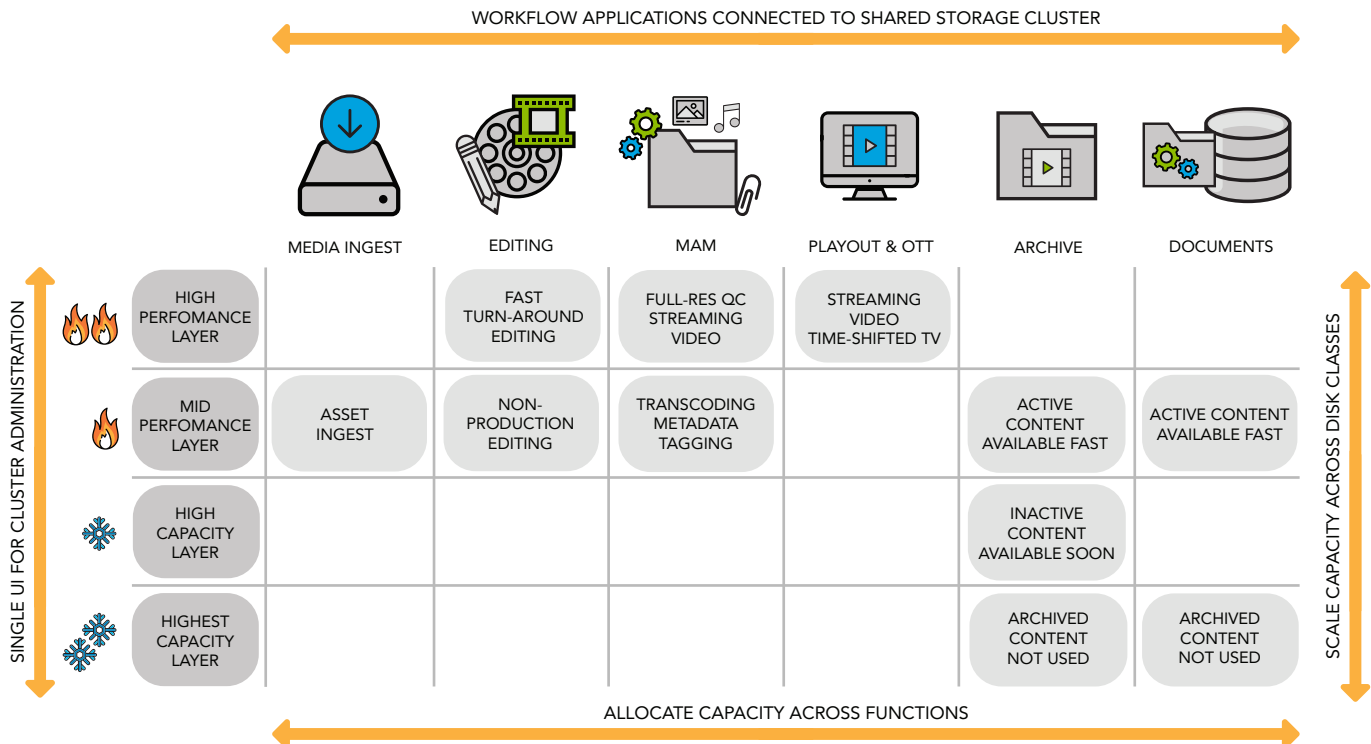Legend: ARCHIVE · NEARLINE · VoD · PLAYOUT · OTT

THE PROBLEM

Islands of storage create inefficiency for scaling capacity, managing infrastructure, and managing vendors. Migration is already difficult with today's content volumes – expected content growth compounds the problem.

THE SOLUTION

Highly scalable, software-defined storage leveraging object storage scale and COTS-hardware efficiency. Evergreen with multi-protocol and multi-workload support. No more islands of storage, just shared capacity for your entire workflow.

WORKFLOW APPLICATIONS CONNECTED TO SHARED STORAGE CLUSTER

	MEDIA INGEST	EDITING	MAM	PLAYOUT & OTT	ARCHIVE	DOCUMENTS
HIGH PERFOMANCE LAYER 🔥🔥		FAST TURN-AROUND EDITING	FULL-RES QC STREAMING VIDEO	STREAMING VIDEO TIME-SHIFTED TV		
MID PERFOMANCE LAYER 🔥	ASSET INGEST	NON-PRODUCTION EDITING	TRANSCODING METADATA TAGGING		ACTIVE CONTENT AVAILABLE FAST	ACTIVE CONTENT AVAILABLE FAST
HIGH CAPACITY LAYER ❄					INACTIVE CONTENT AVAILABLE SOON	
HIGHEST CAPACITY LAYER ❄❄					ARCHIVED CONTENT NOT USED	ARCHIVED CONTENT NOT USED

SINGLE UI FOR CLUSTER ADMINISTRATION

SCALE CAPACITY ACROSS DISK CLASSES

ALLOCATE CAPACITY ACROSS FUNCTIONS

ROI

- Minimize costly data migrations
- Simplify storage administration
- Reduce training and support costs
- Share storage capacity between applications
- Move content faster in a single environment

$

VECIMA CAN HELP

Vecima has built pioneering video storage solutions for the world's leading cable operators for 20 years. We provide:

- **Efficiency** - no more costly data migrations
- **Cost-effectiveness** – scale incrementally & quickly
- **Long-term value for money** – exabyte ready software platform
- **Peace of mind** – proven software from video business experts
- **Flexibility** – support legacy & next-gen applications simultaneously
- **Ease of use** – a single evergreen platform to manage
- **Availability** – fully protected data at all times
- **No hassle** – easy in-service hardware and software upgrades
- **Compatibility** – support for legacy & next-gen applications

OBJECT STORAGE BEATS FILE STORAGE FOR MEDIA APPLICATIONS

FASTER
No file hierarchy means object placement is faster than file placement

MORE RELIABLE
Erasure coding (cluster) + RAID (server) provides maximum protection

MORE SCALABLE
Disks are treated as a single pool of available storage capacity

BETTER METADATA MANAGEMENT
Deterministic placement method eliminates file system metadata inefficiencies

HIGHER AVAILABILITY
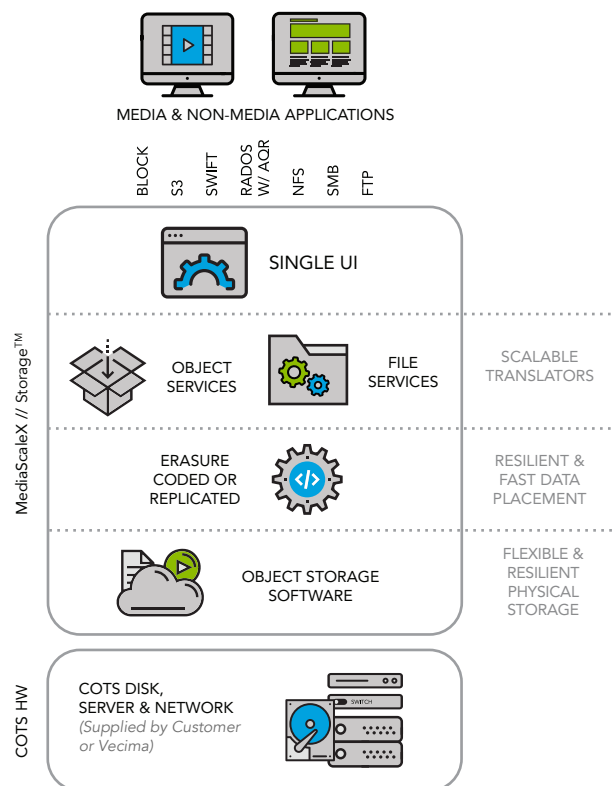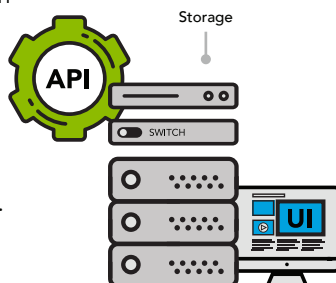Virtualized servers in the cluster mean the cluster can be expanded while applications are serviced

MORE FLEXIBLE
Object storage can support file and object platforms for Vecima support of legacy and next-gen workflows

MEDIA & NON-MEDIA APPLICATIONS

BLOCK · S3 · SWIFT · RADOS W/ AQR · NFS · SMB · FTP

MediaScaleX // Storage™

SINGLE UI

OBJECT SERVICES — FILE SERVICES — SCALABLE TRANSLATORS

ERASURE CODED OR REPLICATED — RESILIENT & FAST DATA PLACEMENT

OBJECT STORAGE SOFTWARE — FLEXIBLE & RESILIENT PHYSICAL STORAGE

COTS HW

COTS DISK, SERVER & NETWORK
(Supplied by Customer or Vecima)

SWITCH

VECIMA KNOWS STORAGE

Vecima built and has maintained its own proprietary video File System for 20 years. We needed a better solution for the content creation and format explosion, so we built MediaScaleX // Storage™ - a modern storage solution for media applications. We support TB to PB-level mission-critical video applications.

Storage

API

SWITCH

UI

THE BOTTOM LINE

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

VECIMA

STORE 🗄 PROTECT ♡ TRANSFORM ⊠ DELIVER ⊿