Facilities demand performance and redundancy, and HyperMDC offers the scale needed to achieve the most stringent bandwidth requirements for multiple connected color-finishing rooms. HyperMDC grows to almost unlimited performance with block and Scale-Out NAS Gateways and horizontal scale for large production environments. All this equals a perfect combination for superior performance requirements and the reliability required in an 'always on' facility.

**Key workflows:**

- High-end color correction finishing rooms - Resolve, Autodesk, etc.
- Adobe, Avid, FCP with 20-100+ editors doing hi-resolution 4k/8k editing

## Multiple streams of DPX 8K with no estimated bandwidth ceiling
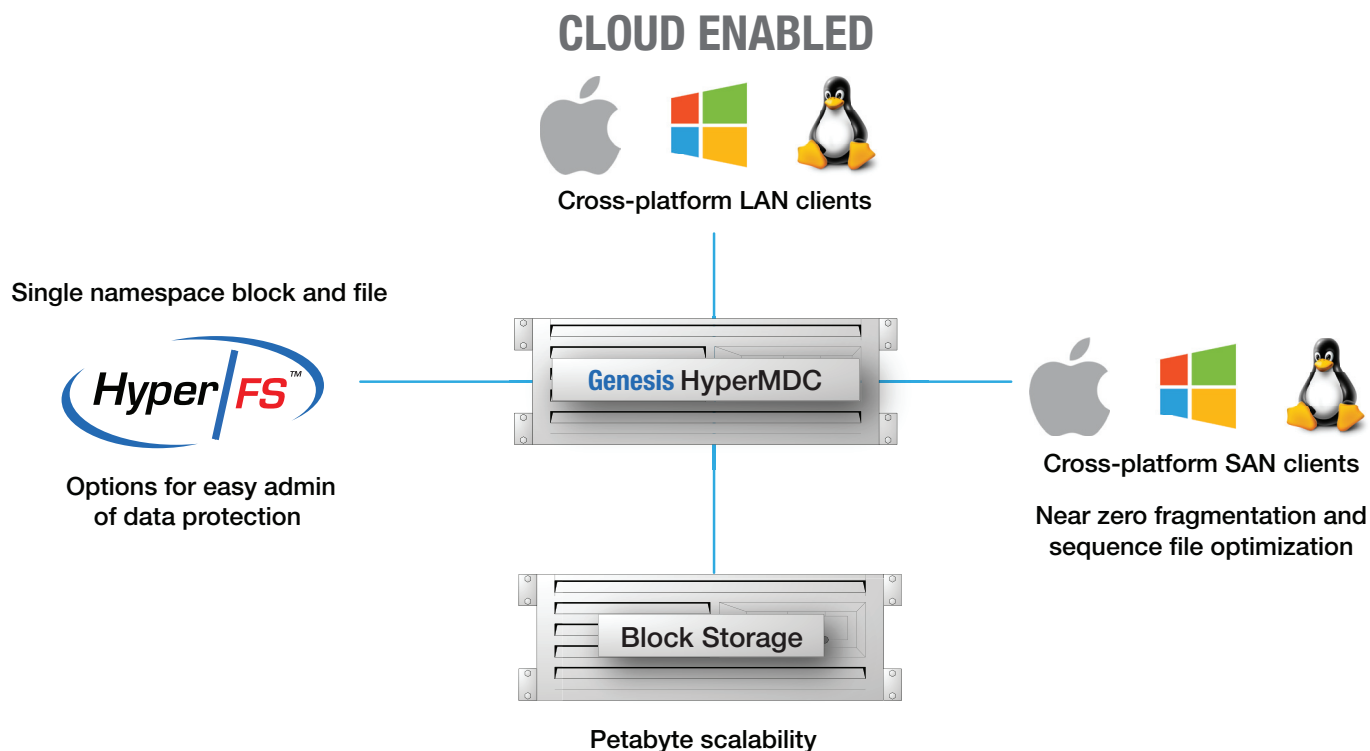
**Value to customers:**

- Need for high demand, 24x7 (always on) solution
- Moving from hi-res to 4K/8K, scale out and scale up to match changes in workflow, capacity and performance
- Maximize your ROI with 'unlimited' options as your environment grows in a cost-effective footprint
- Total cost of ownership declines with 5+ year support and lifecycle

**Key technical features:**

- Supports block and file access from Mac, Windows and Linux clients
- The open platform supports a wide range of storage footprints
- Single or clustered HA metadata controller
- Media-optimized file system
- Near zero fragmentation

## CLOUD ENABLED

Cross-platform LAN clients

Single namespace block and file

**Hyper FS™**

Options for easy admin of data protection

**Genesis HyperMDC**

Cross-platform SAN clients

Near zero fragmentation and sequence file optimization

**Block Storage**

Petabyte scalability

The Genesis NX2 is an entry-level NAS with enterprise features in a compact footprint that is scalable to 5PB. The Genesis NX2 is easy for lower-end production facilities to use, and is an excellent second instance of spinning disk storage for backup and snapshots. This reliable NAS is built for ease-of-use in support of your SAN environment as a redundant backup option.
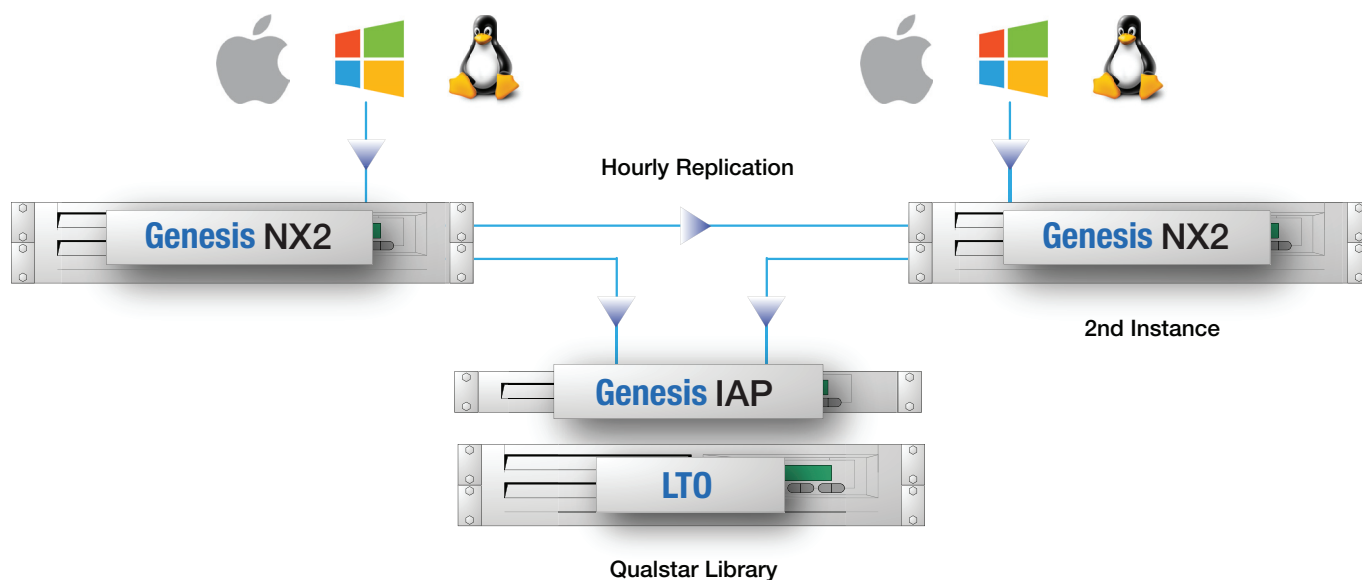
## Key workflows:

- Perfect for Broadcast production in small to medium markets
- Lower resolution or creative services facilities
- Best TCO for second instance spinning disk storage

## ProRes 4444 XQ (36 streams) and DPX-150 MB/F (2 streams)

## Value to customers:

- Extreme performance for Ethernet-based media-rich workgroups
- Great TCO from primary use to secondary use as your business expands
- Built-in replication of data with a limited budget
- Scales to multiple PB with data storage increases

## Key technical features:

- Easy to use and easy to set up
- Enterprise-class ZFS file system
- Support for NFS, SMB/CIFS, REST
- Unlimited snapshots and comprehensive data retention policies
- Full SSD support

# CLOUD ENABLED

Hourly Replication

Genesis NX2

Genesis NX2

2nd Instance

Genesis IAP

LTO

Qualstar Library

The Genesis RX3 is an affordable media-optimized high-performance storage for video editing environments. The RX3 is an excellent choice for DPX and color finishing workflows as well as Adobe and Avid editing environments. This is a product that can drive multiple streams of 4K at 60 FPS. Your investment is protected and can be repurposed as you grow or develop the need for a 24x7 uptime facility. The RX3 offers the flexibility to deliver block and file level content for the different needs of your workflow.

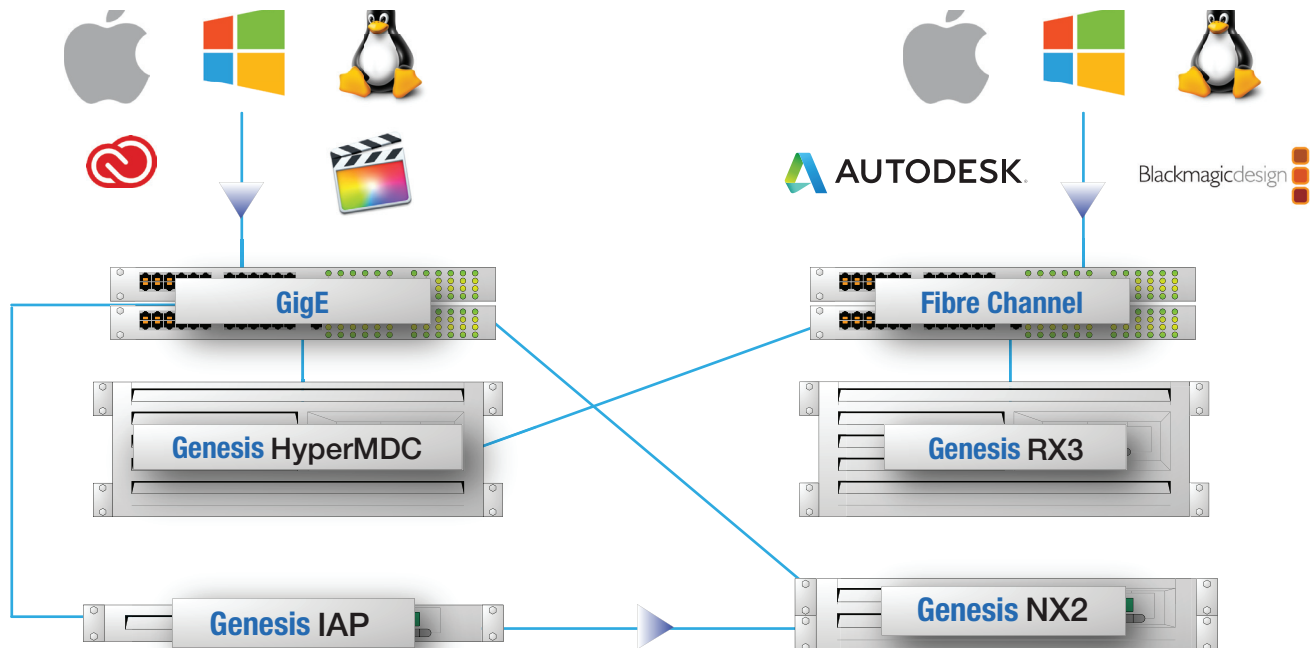## Multiple 8K DPX streams supporting over 18GB/Sec.

### Key workflows:

- DPX editing, QC, and color applications such as Resolve and Autodesk
- Adobe, Avid, FCP - Support for extreme 4K and 8K
- Excellent for VFX and graphics workflows

### Value to customers:

- High-performance application optimization through QoS
- State of the art software-defined converged storage for best in class TCO
- Great ROI with ability to change to your dynamic workflows due to increased resolution or growth of your organization
- We support this so you don't have to. (24x7 health monitoring)

### Key technical features:

- Flexibility in networking up to 100Gbit Ethernet and 32Gbit FC
- Real-time latency enhancements for application intelligence
- Zero impact rebuild along with Real-time initiator
- Capacity expansion to 8PB

## CLOUD ENABLED



- GigE
- Genesis HyperMDC
- Genesis IAP
- Fibre Channel
- Genesis RX3
- Genesis NX2

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Genesis ZX is an enterprise class NAS solution which scales out in clustered nodes and scales up in capacity over 5PB. This product is able to start as a single node and become fully HA through the cluster. The Genesis ZX is perfect for mid to high level workflows across the editing spectrum.

**Multiple streams of 8K with performance capability over 10GB/sec**

## Key workflows:

- Adobe, Avid and FCP in facilities with approximately 5-25 editors
- Excellent second instance of storage in performance and high capacity (1PB+) facilities

## Value to customers:

- Needed asset protection and data continuity
- Businesses are growing and will need to support multiple PB's
- 24x7 uptime with scale to a clustered, completely redundant solution
- Links your IT to your creative department with enterprise features

## Key technical features:

- Support for NFS, SMB/CIFS, REST, FC, and iSCSI
- Metro clustering and VMware support
- Tiered RAM and SSD Caching
- Remote event notification
- Unlimited snapshots and comprehensive data retention policies

## CLOUD ENABLED

Hourly Replication
or
Synchronous Replication

Genesis ZX

Genesis ZX

Genesis IAP

LTO

Qualstar Library