Quantum®

Archive and Media Asset Management for Content Creators Everywhere

Get the Collaborative Workflow You Need With Quantum StorNext and IPV Curator

Video is the most important marketing tool today. All kinds of organizations are relying more and more on creating their own video content for marketing, and training and educating employees. These new kinds of content creators need to easily access their media and work collaboratively to meet increasing demands for engaging content. But the requirements of media production and delivery often conflict with traditional IT operations.

A complete media asset management, production, and archive storage solution can solve this problem. Quantum and IPV combine IT and media expertise with the flexibility to start small and then scale out to meet your needs—enabling you to achieve the collaborative workflow you're looking for.

A SOLUTION OPTIMIZED FOR EFFICIENCY AND COLLABORATION

The Quantum StorNext® and IPV Curator media asset management solution creates a powerful and collaborative environment ideal for all teams involved in video production.

Curator's integration with StorNext:

- Runs as an embedded application on the storage controller via the Xcellis® Dynamic Application Environment, eliminating separate servers and streamlining deployment
- Provides permissions and policy-based content management across different stages of the production workflow
- Provides high-speed file system support
- Simplifies system management, and provides status and health monitoring
- Manages resources without affecting storage performance or functionality
- Allows users to simply find the content they need, even if they have no prior knowledge of what video is available, how it has been tagged, or where it is located
- Creates an affordable entry point that can be easily scaled to meet increasing user demands

ipv™

CHALLENGES

- Increased reliance on video content creation for marketing, employee training, and corporate communications
- Allowing multiple users to collaborate and work on engaging video content from anywhere
- Producing high-quality video content without compromising performance or scalability

SOLUTIONS

- A collaborative workflow with Quantum StorNext and IPV Curator
- IPV's media asset management solution provides the ability to ingest, tag, archive, search contextually, instantly retrieve content and analyze your workflows.
- Quantum's end-to-end media production and archive storage solution provides a collaborative workflow and the flexibility to start small, and then scale out to meet your needs.

RESULTS

- Collaborate efficiently and cost-effectively in advanced production workflows
- Leverage additional tools and services to fit your workflow, regardless of performance requirements
- Easily access shared content regardless of storage tier

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NASA's Kennedy Space Center is just one example of an organization that has taken advantage of the benefits of Quantum StorNext with IPV Curator as its fully digital integrated solution for video capture and content delivery—providing a 21st-century workflow for the post- Space Shuttle era. The NASA solution includes the StorNext solution based on high-performance disk storage and an LTO-based StorNext AEL500 archive that includes StorNext Storage Manager for data management. For media asset management, NASA chose IPV Curator, an end-to-end asset management layer that coordinates media production, editing, content management, and archive—all fully integrated with StorNext.

"With StorNext, video files get into the system at high speed. Everything is protected immediately, so the data is safe and secure, and all the assets are available immediately to users using a single IPV management interface," says Jeff Wolfe, communications systems engineer at Abacus Technology, the NASA contractor for imaging services.

ABOUT IPV
IPV Curator helps content creators save time while creating more media. It enables users to make their content-oriented workflows more efficient—from ingest, to tagging, editing, file delivery, and archiving. Curator's advanced capabilities include intuitive searching, remote cloud editing, and working on live growing content.

Used globally by all kinds of content creators and with more than 500 installations worldwide, Curator is available in cloud-based, on-premise, and hybrid models.
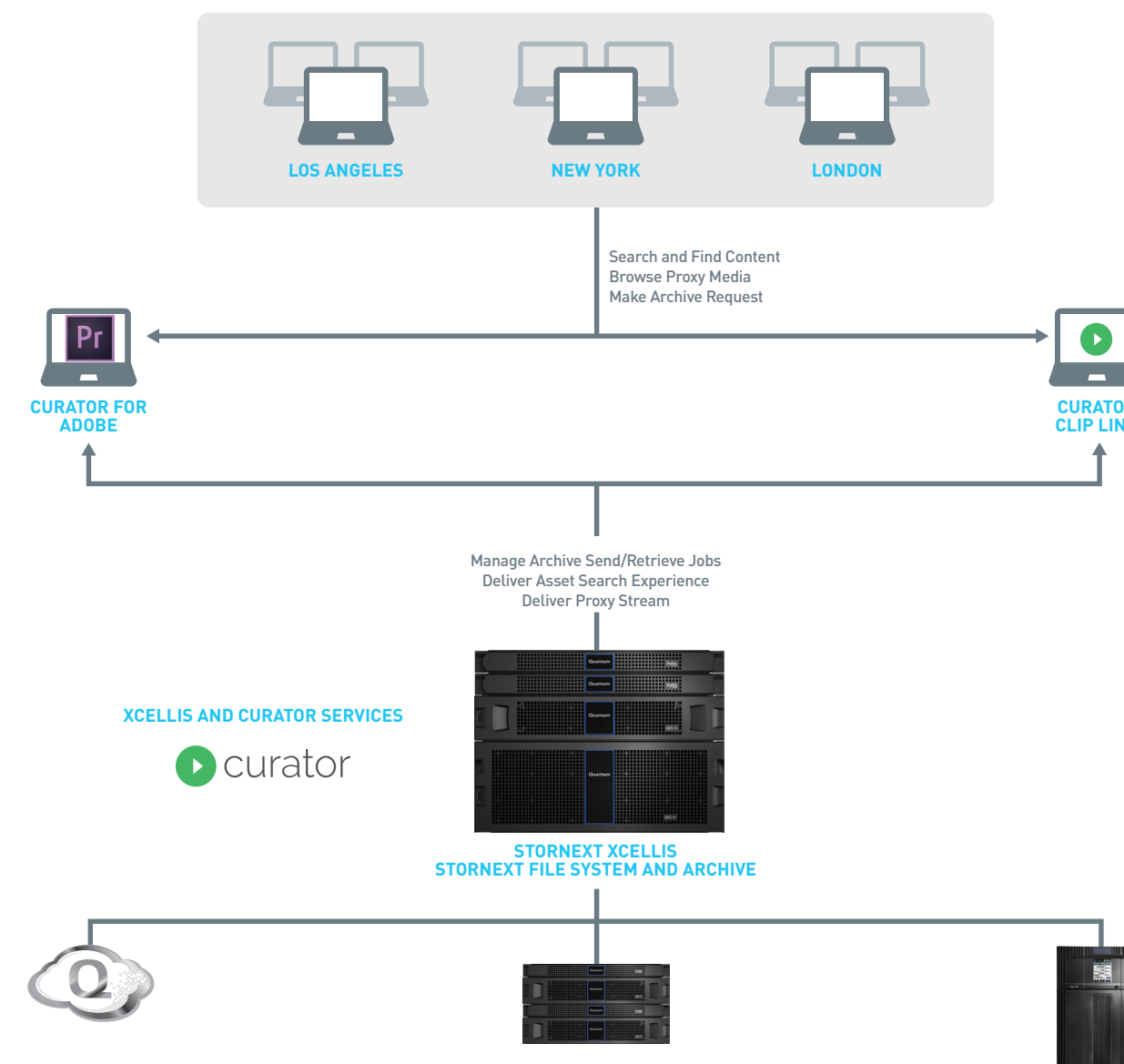
Key features include:

- **Ingest –** Easy-to-use process for capturing new material automatically and creates a low-resolution frame-accurate proxy and adds useful metadata.
- **Tagging/Logging –** Simple interface for quickly and accurately adding consistent metadata to any asset, so it can be easily found later.
- **Curator Search –** Faceted search with a familiar shopping cart look and feel allows any users to quickly find the assets needed for their project.
- **Edit + Publish –** Create, repurpose, and automatically publish content by streaming proxy content directly into the Adobe CC panel integration.
- **Archive –** Moves data to the most appropriate platform—disk, tape, cloud, or a combination—and keeps the proxy online, so the asset is never lost and work can be completed.
- **Analyze –** Capture data on your workflows to help you save time and money.
- **AI –** Integrations helping you save time and make the most out of your metadata.

AN INTEGRATED SOLUTION FOR MEDIA ASSET MANAGEMENT AND ARCHIVE
Easy access to shared content is often as important as the preservation of that content. With IPV Curator's metadata management and data governance tools integrated with StorNext APIs, users can quickly find and retrieve content, regardless of the storage tier the content is stored on. This integration provides an intelligent and reliable foundation for a wide variety of

SOLUTION TOPOLOGY

LOS ANGELES   NEW YORK   LONDON

Search and Find Content
Browse Proxy Media
Make Archive Request

Pr
CURATOR FOR ADOBE

CURATOR CLIP LINK

Manage Archive Send/Retrieve Jobs
Deliver Asset Search Experience
Deliver Proxy Stream

XCELLIS AND CURATOR SERVICES

curator

STORNEXT XCELLIS
STORNEXT FILE SYSTEM AND ARCHIVE

everyday operations, such as high-speed editing or partially restoring content for automated repurposing, including delivery to a multitude of platforms.

Quantum Xcellis workflow storage, powered by StorNext, has the flexibility to manage demanding workflows with varying performance requirements, the scalability to keep up with growing demands without performance degradation, and comprehensive multi-protocol accessibility to enable a truly collaborative production environment. IPV Curator extends this flexibility by providing the tools users need to achieve their goals while saving time and creating more content. Through advanced workflows, leading user experiences, and integrations with the latest editing platforms, Curator powers collaborative production workflows around the world.

IPV Curator has been tested and certified to run on Quantum appliances that support the Dynamic Application Environment. This unique capability reduces the cost and complexity of server and networking infrastructure by creating a virtual compute space for applications. The Dynamic Application Environment is ideal for utilities and small applications that benefit from close proximity to storage and may not warrant a separate standalone server. Xcellis manages the resources without affecting the performance or functionality of storage, maintaining the access that clients demand.

Xcellis reserves the necessary resources to operate the storage environment, and then opens the remaining computing power to support third-party applications.

Using a KVM Hypervisor over Linux, these applications deploy as virtual machines. This allows for easy and flexible changes in the application environment. Xcellis allocates and maintains the compute, network, and storage resources for the applications, so there's no custom development needed to use this feature.

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