

Missing key pieces in your workflow?

Quantum StorNext 5 and Empress eMAM combine to deliver a high-performance asset management, storage, and archive solution

SOLUTION OVERVIEW

Together, Quantum's StorNext® 5 and Empress eMAM™ provide a complete integrated solution featuring collaboration, tiered storage management, and archive management of rich content with outstanding performance, power, and scalability.

POWER

With StorNext 5, the next-generation workflow storage platform, organizations can meet growing demands for video processing, collaborative video editing, and sharing as volumes increase and resolutions move from HD to 4K and beyond. Quantum's StorNext Pro Studio solution is a complete, high-performance integrated workflow storage solution and is an ideal environment for media sharing and processing workflows.

eMAM is a powerful media asset management platform that provides an active archive of rich media assets, with universal preview and management utilizing proxy copies of content stored in different tiers or different locations, archiving and restoring digital assets on-demand individually, by project, or by entire categories. Content producers can set up policies using Quantum's StorNext AEL Archive to automatically move and preserve video assets from expensive shared editing storage to secondary storage and archive.

SCALABILITY

The StorNext Pro Studio solution starts with 48TB storage, and can expand up to *petabytes* of high-performance storage and archive storage as needed. eMAM Workgroup starts with twenty-five users, and is expandable to eMAM Enterprise which can support tens of thousands of users in clustered Windows Server and SQL Server environments.

FLEXIBILITY

The combined Empress and Quantum solution supports a wide range of client operating environments, storage, and archive systems. Content can be preserved using the open archive LTFS specification using the StorNext AEL Archive. In addition to archiving to cost-effective LTO tape, content providers can add Quantum Lattus™ object storage to provide an extended online layer for non-real-time operations or to Q-Cloud™ to store archived content in the public cloud. To provide complete workflow solutions, eMAM has integrated an ever-expanding number of third-party applications. eMAM also provides command line transcoding support and well-established SOAP APIs for organizations to incorporate their own platforms or systems into the workflow.



END-TO-END WORKFLOW

eMAM provides a rich and powerful tool set for ingest, review, approval, archive, restore, sharing, and collaboration. The new HTML5 web interface delivers a flexible widget-based workspace that is tailored to the needs of the user. Many functionalities such as archive or restore can be performed in a few clicks, with the StorNext integration taking care of the storage and archive management actions transparently to the users.

VALUE AND COST EFFICIENCY

With a range of options to meet different budgets and needs, the combined solution provides an outstanding value proposition to provide a complete workflow solution with numerous methods to control total cost of ownership:

- StorNext seamlessly manages Xsan storage, so no replacement of existing environment is needed.
- With slot-based licensing, archive software licensing costs do not increase with newer generations of LTO technology.



Figure 1. The StorNext Storage Manager manages and optimizes movement of content from 1st-Tier storage to less-costly 2nd-Tier storage to Cloud and/or Archive according to administrator-defined policies. eMAM Workgroup provides a powerful, yet easy-to-use and flexible interface for review, approval, archive/restore, and collaborative workflows.

- The integrated solution minimizes IT staffing requirements by automating the archive preservation of assets.
- Efficient use of secondary storage and archive minimizes storage costs.
- The intuitive and flexible eMAM interface minimizes internal training and support costs, while maximizing user acceptance.
- Replacing delivery, transmission, and collaboration based on physical media and high-resolution files with proxy-based workflows saves time, processing costs, and transmission (shipping) costs.
- Federated search and automated integrated workflows save valuable staff time and money.

FUTURE-PROOFING

With Quantum Lattus object storage, customers can enjoy the latest storage technologies from the proven storage leader that will continue to innovate into

the future. The combined solution is also fully cloud-compatible, using solutions like Quantum's Q-Cloud Archive or Vault, enabling customers to store all of their content in the cloud to meet their worldwide archival needs, especially as cloud offerings become more powerful and less expensive.

SUPPORT

Together, Quantum and Empress are ready to support the needs of customers worldwide. With local technical partners worldwide, both companies can meet the needs for local implementation and support.

KEY COMPONENTS OF THE COMBINED SOLUTION

Key components of the Empress eMAM and Quantum StorNext solution contain:

- eMAM Workgroup which includes (software modules):
 - eMAM Database
 - eMAM Gateway

- eMAM Analytics Gateway
- eMAM Director
- eMAM Client
- eMAM Transcode Manager
- eMAM Task Manager
- eMAM Archive
- eMAM Delivery Service
- StorNext Pro Studio which includes:
 - Xcellis™ Workflow Director
 - QXS-412 storage disk with 48TB raw disk capacity
 - Optional AEL500 archive with 41 slots (over 100TB)

MORE INFORMATION & RESELLER OPPORTUNITIES

Additional servers, software, switches, HBAs, cables, etc., are required to set up the entire system. Please contact our System Integrators/Resellers for more details.

- Quantum: www.quantum.com/partners
- eMAM: www.empressmam.com/reseller.htm

ABOUT QUANTUM

Quantum is a leading expert in scale-out storage, archive and data protection. The company's StorNext® 5 platform powers modern high-performance workflows, enabling fluid, real-time collaboration and keeping content readily accessible for future use and re-monetization. More than 100,000 customers have trusted Quantum to address their most demanding content workflow needs, including top studios, major broadcasters and cutting-edge content creators. With Quantum, customers can Be Certain™ they have the end-to-end storage foundation they need to manage assets from ingest through finishing, and into delivery and long-term preservation. See how at www.stornext.com.

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