



NYRIAD®

ULTRAIO™ STORAGE FOR MEDIA & ENTERTAINMENT

Imagine a revolutionary new erasure-code-based architecture that utilizes patented algorithms powered by GPUs and CPUs to deliver a combination of performance, resilience, and efficiency, enabling massive amounts of data to be managed in a single storage platform.

Nyriad® is enabling a new generation of storage solutions that empower businesses to grow, adapt, and stay competitive in a data-driven world. We are simplifying how data is stored, accessed, and managed.

PERFORMANCE - RESILIENCE - EFFICIENCY

REIMAGINE YOUR STORAGE REDEFINE YOUR POTENTIAL

WITH COMBINED CPU + GPU STORAGE ARCHITECTURE

CONTENT CREATION & ACQUISITION

In today's rapidly changing content ecosystem, leading companies excel by providing differentiated content and digital programming. Nyriad's UltraIO storage system provides the ability to simultaneously capture content and playback in real time without a decrease in performance. This concurrency reduces time and improves efficiency increasing the businesses' profitability.

CONTENT DISTRIBUTION

While the local broadcast industry is constantly changing, the focus remains the same, which is to provide high quality engaging content to users in a timely manner. Nyriad's UltraIO storage system can enhance the broadcasting experience by supporting multiple clients on parallel streams.

PRODUCTION INCLUDING NON-LINEAR EDITING (NLE) & SPECIAL EFFECTS

With the shift to higher resolution and the increase in content production, there is a need for better efficiency of workflow. The process of creating high quality special effects and animation is a time intensive, interactive and laborious process. This can generate enormous amounts of data which needs to be stored and

collaborated without being a bottleneck for the workflow. Nyriad's UltraIO storage system eliminates the need to migrate data to separate systems for content creation and editing. The performance of UltraIO removes the need to migrate to local storage and allows the creation and editing to be executed in place, saving hours of production time. It unlocks the full potential of creativity, enabling concurrent users to create content and playback simultaneously with no jitter or dropped frames. This increase in productivity enables completion of a deliverable from weeks to days while also reducing the data center footprint and total cost of ownership (TCO) for businesses.

"We constantly look for better strategies and higher performance in everything we do... Our goal was to store more onsite data and serve large amounts of real-time 8K digital video and volumes of 3D CAD data dramatically faster. Thanks to the breakthrough performance delivered by UltraIO, along with the great support team at Nyriad, we achieved this goal."

David Hellie
Chief Executive Officer of Digital Image¹

¹ The full Digital Image case study can be found at nyriad.io/ultraio.

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