

Audio/ Video Application

Infotrend's EonStor® Boosts Low-delay HD Streaming for Digistor® Production Facilities

Business:

Digital media content production

Challenge:

Multiple, simultaneous HD streams with reliable data distribution

Solution:

EonStor® storage systems met the needs because:

- specially optimized algorithms for AV applications
- CSP (Continued Sustained Performance)
- performance to deliver simultaneous HD streams



Infotrend's EonStor series storage systems found a perfect integration in the installations by Digistor, a leading digital storage specialist. EonStor provides horse power to AV production suites built for high-speed production, editing, and composition involving multiple HD and SD streams.

HOW WE MET THE NEEDS

With its expertise in AV networking and digital media production, Digistor has successfully established several production houses with HD capabilities. Among Digistor's range of high-end equipment, EonStor facilitates access to tens of terabytes of media contents and guarantees stream rates even in the event of disk media faults. Running on algorithms specially optimized for HD streaming such as intelligent read-aheads, the EonStor units deliver the best-in-class performance with the 12-, 16-, or 24-bay enclosure options.

SUCCESSFUL IMPLEMENTATION WITH CVP

In the recent installations, Digistor successfully achieved productivity gains and time savings using the abundance of EonStor's computing power. One example is the facilities known as CVP (Centre Video Production), situated within the world-class Sydney Convention and Exhibition Centre. Connected via high-speed Fibre channels, multiple streams of HD and SD can be edited simultaneously. The streaming facilities provide specialist services such as full production of television commercials including scripting, directing and post-production, Event Recording and Image Magnification (IMAG), live satellite broadcasting and duplication, DVD authoring and conversions.

Operating with fluid HD workflow across editing suites has given customers the flexibility to take on more video production, editing and broadcast projects at a high level of production quality.

STORAGE BRINGS BENEFITS TO THE DIGITAL MEDIA INDUSTRY

For industries relying on individuals' creativity, a fast and trustworthy solution brings significant edges – creative sparks turn into reality quickly and reliably, and during the process with HD workflow, more aesthetic aspects may emerge. Fast and reliable storage not only helps ensure the creative process is never interrupted, but also makes managing and re-using media content less challenging. Boasting 3 simultaneous 10 bit HD streams (1920 x 1080), editing tasks become much easier with the EonStor systems.

About DIGISTOR

Digistor focuses on supplying professionally supported solutions for the creation, management, storage, and delivery of digital media. Its extensive services and solutions also include the realms of enterprise network, government, and education.

Digistor uses Infotrend RAID subsystems exclusively in their SANman storage solutions. SANman is the trusted name in performance RAID solutions in Australia for all applications including broadcast video, security and medical imagery. Whether connected to a single computer or sophisticated shared workgroup SAN environment, SANman RAIDs with Infotrend deliver unbeatable manageability, compatibility, reliability, performance and scalability.