



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

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



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

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 Infortrend 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 Infortrend deliver unbeatable manageability, compatibility, reliability, performance and scalability."

“For industries such as television and film, deadlines are hard, and the process of creating media contents needs to be intensely fast-paced. With Infortrend's EonStor as the power foundation, we easily come up with practical and timely solutions meeting various technical requirements.”

— stated Digistor Customer Sales Representative, Sean Curran

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 guarantee stream rates even in the occurrence 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 Brought 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 bring the ease with managing and re-using media contents. Boasting 3 simultaneous 10 bit HD streams (1920 x 1080), the EonStor makes editing a task with an ease of mind.



Contact Digistor

Address:

5 – 7 Cleg Street
Artarmon NSW 2064
Australia

Phone: 02 9906 4556

Fax: 02 9906 2713

International dialing:

Phone: +612 9906 4556

Fax: +612 9906 2713

Contact Infortrend

Americas

Infortrend Corporation
Tel: +1-408-988-5088
Fax: +1-408-988-6288
sales.us@infortrend.com

Asia Pacific

Infortrend Technology, Inc.
Tel: +886-2-2226-0126
sales.ap@infortrend.com

China

Infortrend Technology, Limited
Tel: +86-10-6310-6168
sales.cn@infortrend.com

Europe (EMEA)

Infortrend Europe Limited
Tel: +44-1256-707-700
sales.eu@infortrend.com

Germany

Infortrend Deutschland GmbH
Tel: +49 (0)89 45 15 18 7 - 0
sales.de@infortrend.com

Japan

Infortrend Japan, Inc.
Tel: +81-3-5730-6551
sales.jp@infortrend.com



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