

Internationally Recognized Television Station Affordably Expands Storage Capacity with ATTO

ATTO FastStream Storage Controller plus NetStor JBOD Storage



Success in Brief

- ATTO's RAID Storage Controllers helped to expand storage capacity using affordable JBOD storage enclosures while maintaining data protection and performance
- ATTO's FastStream paired with NetStor JBOD storage helped to increase capacity by over 60% with room for future expansion
- 60 Clients are able to access over 3PB of RAID6 protected storage capacity through a 96 port HP GbE switch connected to the NAS
- Clients accessing content using 1080i MXF MPEG files running at 100 Mb/s per stream

ATTO's RAID Controller Gives Storage Infrastructure a Lift

Challenge

When Sinema TV needed to expand their storage for their Media and Entertainment business they turned to ATTO and NetStor for a high performance, cost effective solution. Sinema TV needed to meet performance requirements for 100 Mb/s per 1080i MXF Mpeg streams for each of 60 clients running a Cinegy Air workflow while simultaneously expanding capacity at a significant rate with future scalability built in to the solution.



Solution

The ATTO FastStream 8550 Storage Controller was selected for its cost effective RAID protection, flexibility to share and scale storage as needed and for its wide range of interoperability with industry infrastructure solutions. Initially installed with a NetStor 48 bay JBOD using 3TB Nearline SAS drives an additional 48 bay JBOD was added post-installation to more than double the initial capacity. There are 3 RAID 6 volumes set up with a global hot spare from the FastStream on each 48 bay JBOD. The NAS server is running Windows Storage Server and MetaLan Server and was upgraded with an ATTO 84EN Fibre Channel host adapter to connect 4 ports of 8Gb Fibre Channel directly to the FastStream. The reseller, Sinerji-Vass was able to install the system in a short amount of time and was able to use ATTO Engineering resources for tuning and installation assistance as needed.

Benefits of the Installed Solution

- ✓ Increased the capacity of storage while also increasing the number of clients able to access storage in a Cinegy Air playout workflow
- ✓ Integrated with existing hardware and provided the basis for a scalable storage solution
- ✓ The solution was cost effective and met performance and budget requirements

Conclusion

As a result Sinema TV now has in place a solution that can easily scale up by adding more JBOD enclosures while providing a very low \$/GB for RAID protected shared storage. The solution is centralized with simple support and maintenance which can be handled by existing IT personnel at much less cost than other solutions. The solution has drastically improved storage capacity and improved the productivity of over 100 people who regularly access content from 60 Cinegy Play out client workstations.

