

Infotrend's SAN Storage Selected by One of Korea's Top Three Entertainment Groups for Video Post-Production

Organization

One of the top three entertainment groups, South Korea

Challenges

- High capacity for large amounts of UHD videos
- Created video content should be tightly protected by storage solution with high reliability
- High throughput to sustain up to 21 simultaneous video editing processes

Solution

Six appliances of EonStor DS 4016 SAN storage expanded with six JBODs JB 3060L:

- 2.7PB capacity for video assets
- High reliability with multiple data protection mechanisms and redundant controller design
- High storage performance enables collaborative post-production

"Having been a customer of Infotrend for over ten years, we've been using its SAN storage to create tons of eye-catching videos with over 6PB of multimedia data. In our experience, Infotrend storage is the best solution for video editing," – said the Managing Director and Director of the Video Production Division of the Entertainment Group.

Being one of the biggest and most successful K-pop entertainment groups in South Korea, the company casts, systematically trains and promotes its artists around the globe. It features world-renowned artists, and its YouTube channel has reached around 2 billion views. As an established benchmark of the entertainment industry, the entertainment group produces a substantial number of promotional videos in-house, including music videos, trailers, behind-the-scenes, vlogs, and more. These videos are all created by the dedicated post-production team using Final Cut Pro. The entertainment group has been Infotrend's customer for over a decade, so when the need to expand the storage equipment arose, the company mainly considered Infotrend's solutions for the M&E industry as these solutions enable smooth media workloads from video editing and rendering to archiving.

Challenges

- Due to the ever-increasing content production and demand for ultra-high definition videos, the company needed PB-level capacity.
- Created content is the main asset in the M&E industry and it should be tightly protected from data loss, so storage must provide high reliability.
- It must offer high throughput allowing up to 21 simultaneous video editing processes.

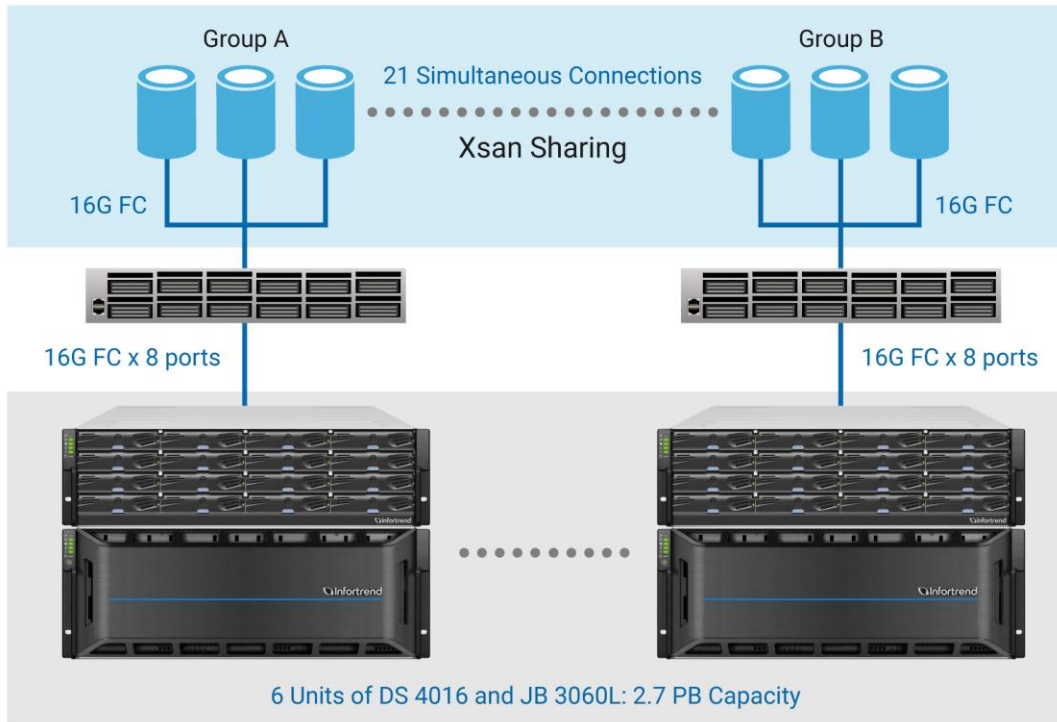
Solution: EonStor DS 4000

As an existing customer, the entertainment company was confident in the reliability and performance of Infotrend's solutions. This time, they have chosen EonStor DS SAN storage, which supports up to 448 drives, allowing for PB-level capacity to store created content. In total, six units of DS 4016 were deployed via 16G FC and each DS was loaded with 16x 6TB 7.2K SAS drives. Furthermore, DS appliances were expanded with six JB 3060L JBODs, each loaded with 60x 6TB 7.2K SAS drives. Overall, the solution provided 2.7PB capacity. To safeguard their valuable video assets, DS offers multiple data protection mechanisms, such as RAID, data snapshot, and local and remote replication. Moreover, DS comes in dual redundant controller design and has a built-in supercapacitor which provides power to write data to drives during power outage.

Why Infotrend

- Good experience with Infotrend storage systems for over 10 years
- High performance to support collaborative video editing workloads
- High capacity to store large amounts of UHD videos
- Full data protection to safeguard valuable video assets
- Great value at a reasonable price

Network Topology for the Video Post-Production Application



About the Entertainment Group

Ranked as one of the top three entertainment groups in Korea, the company features world-renowned artists, and its YouTube channel has reached around 2 billion views. The company produces a substantial number of promotional videos, including music videos, trailers, behind-the-scenes, vlogs, and more.