Vietnamese TV Station Chooses Infortrend to Modernize Media Asset Management and Database

Organization
Hau Giang Radio and Television Station is one of Vietnam's local broadcasting station that faces capacity and performance bottlenecks due to fast-growing data volumes as its broadcasting business grows.

Challenge
▪ Insufficient performance of the legacy data storage systems
▪ Needs to modernize the MAM system with higher throughput
▪ Needs to enhance database performance
▪ Management issues of the complex IT operations

Solution
▪ Three units of EonStor DS 4016, 42 units of 10TB SAS HDD, and 6 units of 12Gb/s SSD are deployed for MAM system via 16G FC.
▪ Two units of EonStor DS 3016 and 28 units of 6TB SAS HDD are installed for the database application.
▪ EonStor DS comes with a user-friendly SANWatch management software. Users can easily manage multiple systems on a single platform.

**Mega Media
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"It's important for us that Infortrend EonStor DS SAN Storage comes with a user-friendly management software so that we can deploy and manage the storage right away. And it provides a stable system bandwidth that meets our needs of full HD video production," said Mr. Trần Ngọc Dũng, CTO.

Hau Giang Radio and Television Station is one of Vietnam's local broadcasting station that faces capacity and performance bottlenecks due to fast-growing data volumes as its broadcasting business grows. Infortrend's partner, Mega Media Services Corporation, successfully installed EonStor DS 4000 and DS 3000 series to modernize the MAM and database for this broadcasting company.
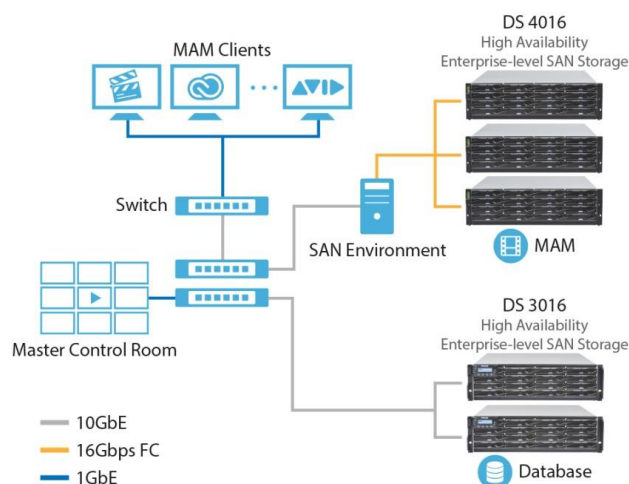
Challenges and Requirements
1. The performance of the legacy data storage systems is insufficient to support new projects that require higher processing capability.
2. The company needs to build a new MAM (media asset management) system with higher throughput that can facilitate smooth media workflow from ingestion, transcoding, editing, and archiving.
3. The company needs to enhance system performance to handle the heavy database workload.
4. An easy-to-use management tool is also required to simplify data management.

Solution
For the system upgrade, Infortrend EonStor DS Family's high availability SAN storage is selected. Three units of EonStor DS 4016, 42 units of 10TB SAS HDD, and 6 units of 12Gb/s SSD are deployed for MAM system via 16G FC. Multiple MAM and NLE (non-linear editing) clients access the data via 1/10GbE iSCSI interface. Besides MAM, two units of EonStor DS 3016 and 28 units of 6TB SAS HDD are installed for the database application. The DS 3000 series also features superior SAN transmission to handle large amounts of I/O even under high and heavy workload, and boosts overall productivity.

Why Infortrend
• **Exceptional SAN transmission performance:** EonStor DS is suitable for applications, such as video editing, database, virtualization, and backup.
• **High-bandwidth protocol support:** EonStor DS supports a maximum data throughput of 11,000/5,500 MB/s read/write performance, and IOPS of 700K. The system also supports high speed protocols such as 10GbE iSCSI and 16G FC to handle critical applications.
• **Easier system upgrade with high scalability:** With modular-designed host boards and scalability up to 444 drives, users can easily expand the capacity for future needs.
• **Intuitive management software:** With SANWatch software, IT personnel can monitor performance and capacity usage, and allows completion of related system configurations for multiple systems on a single platform.

About Hau Giang Radio and Television Station
Hau Giang Radio and Television Station is one of Vietnam's local broadcasting stations. For more information, please visit: http://haugiangtivi.vn/