Customer Highlight: Televisa

Grupo Televisa, S.A.B. is a Mexican multimedia mass media company, and the largest in Hispanic America as well as the first of all the Spanish-speaking world.

It is a major international entertainment business, with much of its programming airing in the United States on Univision, with which it has an exclusive contract.

The Problem

Televisa's "Archivo Digital" department, which serves to manage the archives of the Noticias, Deportes, Espectáculos, and Entretenimiento departments, came to HDS for a new solution. They needed a way to migrate from their aging and closed-architecture and increased support costs for updating Stornext 4.7 to 5.0. Evolving infrastructure required Televisa to seek a media-centric Scale-Out NAS based solution.

The Solution

Already proven to be an exceptional solution for broadcast video workflows at many major networks worldwide, HDS proposed a HyperFS-based solution on HDS storage and servers with Scale-Out NAS to provide the flexibility to connect either high-speed SAN clients, or multiple LAN clients with high aggregate performance requirements.

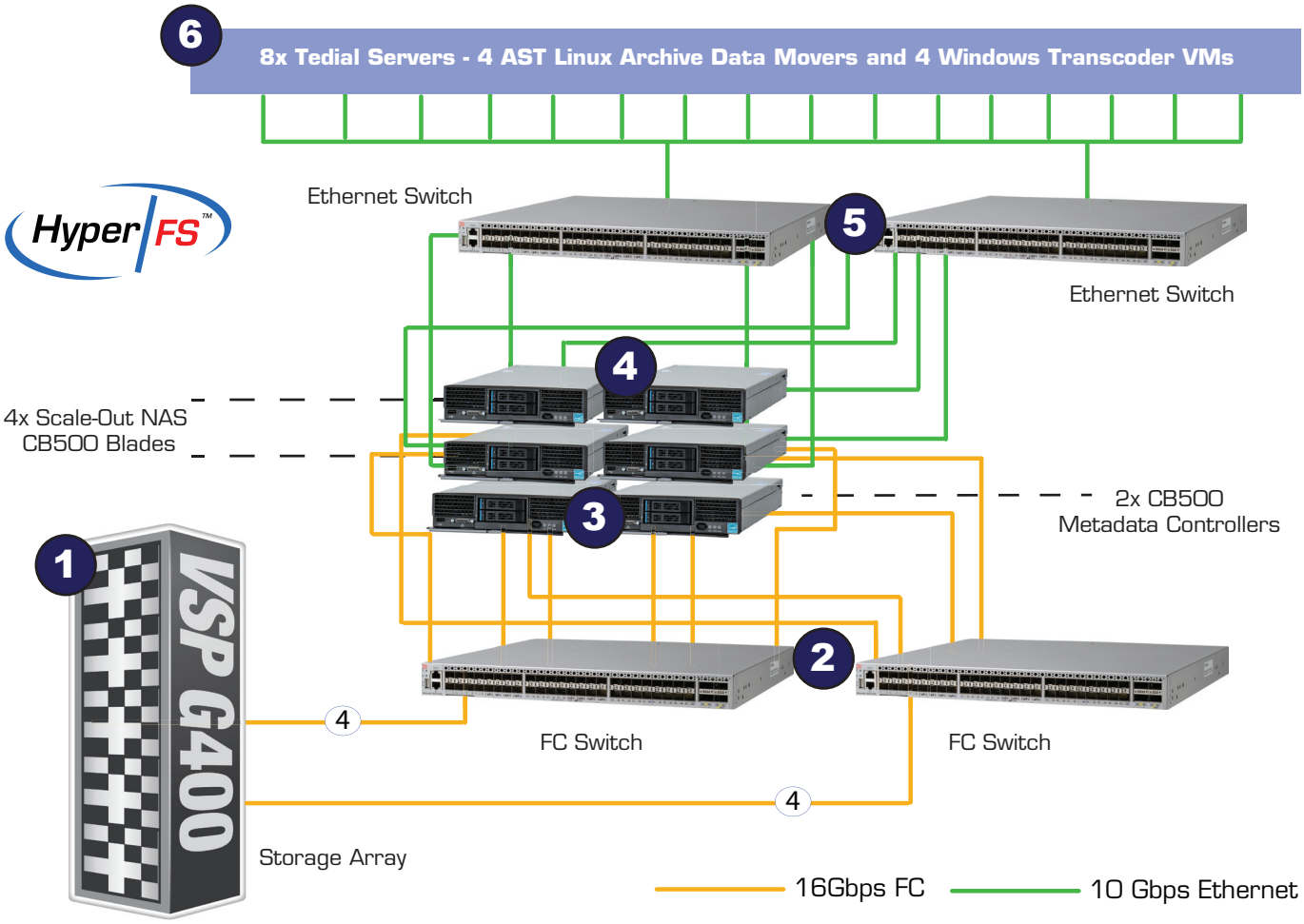
Due to the complex NFS and SMB requirements that a multi-node MAM like Tedial has on its underlying infrastructure, our team worked closely with Tedial to ensure that the Scale-Out NAS Gateway was perfectly tuned for the demanding environment in terms of features, connectivity, performance, and instant file change notification.

The HyperFS solution's use of open protocols, storage flexibility, and predictable extended support costs provided significant TCO for their forklift upgrade.

File change notification is used and required by MAM vendors for automation of data movement by guaranteeing files can always be accessed near instantly, through the data automation process.

The Components

- 2 HyperFS HA metadata servers
- 8 HyperFS Scale-Out NAS Gateway servers
- HDS VSP G-Series storage arrays
- 12 CB500 compute blade nodes
- Brocade 6500 Series FC switches
- Brocade VDX series Ethernet switches
- Tedial MAM integration



1. Primary Storage Scales Independently from the NAS
2. Redundant FC Switches
3. HyperFS HA Servers
4. HyperFS Scale-Out NAS Blade Servers x4
5. Redundant 10 Gbps Ethernet Switches
6. Tedial Data Movers and Transcoders

Conclusion

As the above diagram illustrates the Scale-Out NAS nodes deployed on HDS blade servers form the core of the HyperFS controlled solution. Both NFS and SMB are utilized simultaneously by the varied Tedial application servers. All performance and scalability exceeded the customer requirements. High-availability of all components and software was maintained through the entire installation.