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Customer Success

ENVIRONMENT SNAPSHOT

- Spectra® T950, four T380's and a T120
- LTO-3,-4 and -5 drives and media
- Four Spectra nTier700 disk appliances
- Up to 500TB of data
- Dell PowerEdge 2950 servers
- AVID iNews, Unity Storage, and Interplay
- SGL Flashnet v.5734 archive manager
- Fibre Channel and GigE connectivity



SITUATION & SOLUTION

A subsidiary of Atlanta-based Cox Enterprises, Cox Media Group is an integrated broadcasting, publishing and digital media company that includes the national advertising rep firms of Cox Reps. With revenues exceeding \$1.5 billion, the company operations include 15 broadcast television stations and one local cable channel, 86 radio stations, four metro newspapers and more than a dozen non-daily publications, and more than 100 digital services.

Cox Media Group, Inc. was formed at the end of 2008 from the combination of three former operating units of Cox Enterprises – Cox Newspapers, Cox Broadcasting, and Cox Radio.

Currently, six of the stations (WFTV in Orlando; WSB in Atlanta; WXPI in Pittsburgh; KTVU in Oakland; WHIO-Dayton, Ohio and WFOC-Charlotte) are using SGL's Content Archive Manager (Flashnet) with Spectra Logic's nearline disk (nTier 700) and T-Series digital tape libraries (with LTO-3, LTO-4 and LTO-5 tape drives and media) as a multi-tier archive solution to house, manage and protect their digital assets. Cox chose Spectra Logic as their storage partner because of the ASM offering on the tape libraries and the nTier nearline disk appliance, power savings, easy-to-use partitioning features, and ability to support multiple tape formats within the tape archives.

At four of the six stations, the Spectra nTier700 serves as a near-line cache for daily news programs and interstitials, where it stores approximately 30 days of programming before migrating the content to tape for archive. The SGL Flashnet software manages up to 30 TB of RAID-6 disk storage on nTier700 via Gigabit Ethernet as its archive cache. The other two sites have implemented tape for archive.

The SGL's redundant servers are connected via fibre channel to the tape archives with direct-connect fibre channel drives. Cox TV stations, through the Flashnet user interface search, retrieve, and re-purpose content on the nTier700 or the tape archives at a far greater efficiency relative to their traditional (analog) video archives. Cox plans to implement the above solutions in their remaining TV stations in the near future.

SOLUTION RECAP

Spectra T950, T380, T120 Libraries: The T950 gives Enterprise-class storage that scales to over 700,000 hours of content (LTO4-4 @ DV25). The high-density Spectra T380 library stores over 27,000 hours of content (LTO-4@ DV25) and seamlessly TranScales to the T680 library, allowing customers to continue to utilize the expensive, core library components. The T120 library provides over 8,500 hours of content (LTO-4@ DV25) in only 14U of rack space. All library solutions are managed by Spectra's exclusive BlueScale® interface for maximum ease of use.

Spectra nTier700: Designed specifically for secondary storage, the nTier700 Network Storage appliance excels at handling a variety of data protection and storage tasks. The nTier700 was designed with the flexibility to allow you to decide how it can best meet your storage needs.