



CASE STUDY

German television network depends on Spectra for massive, long-term archiving of digital media assets

“ Spectra’s ingenious design, fully redundant architecture and excellent support services provide an outstanding TV Archive platform to preserve our video assets forever. ”

Manager of IT Operations at the Network



This network is commonly recognized for its famous TV formats, award-winning news casts and top quality entertainment productions.

The Challenge: Small data center, outdated technology

They had previously been using a Quantum i2K tape library to efficiently archive a growing data set that was expected to reach 15 PB, mirrored to a second location, and outgrow its storage solution and data center.

As part of its technology refresh, the network wanted an updated tape library, featuring a small footprint, to meet its space requirements. Their IT department began searching for a solution with high redundancy, measureable data integrity features and high reliability. They also wanted a solution with fewer moving parts than its Quantum predecessor, to ensure higher reliability.

The Solution: High density tape library with media health monitoring

The Spectra TFinity’s remarkable density per square foot feature lets this network’s IT experts archive massive amounts of data within their space requirements. By adding a second TFinity library for a copy of its archive, administrators for the storage operation met its redundancy requirements. Data Integrity is ensured through Spectra Logic’s MLM. Spectra’s Media Lifecycle Management (MLM), is a feature offered through Spectra’s BlueScale software. MLM reports tape health on over 40 data points for each piece of media to proactively assess media to guarantee continuous archiving operations, and to eliminating media-related errors.

CASE STUDY: Large German Television Company

Network Environment

- Two 10-frame Spectra TFinity tape libraries
- 16 LTO-5 drives and 3,500 LTO-5 cartridges per location
- Spectra Certified Media
- 33 HP DL380 Windows2008 R2 servers
- Brocade 5300 fibre channel switch
- Front Porch Digital DIVArchive software

Why Spectra?

- Innovative design
- Excellent support
- Fully redundant architecture
- Media Lifecycle Management

“Tape’s affordable cost and longevity make it the right media for deep storage requirements and any organization who needs to archive massive amounts of data forever.”

Network Systems Engineer and IT Operations Manager

