CASE STUDY

Dutch Broadcaster VPRO preserves a petabyte of video footage and metadata with a Spectra Logic enterprise tape library

Spectra T950

> " Due to limited floor space we needed an enterprise library that offered a smaller footprint, but could also scale as our content grows. The Spectra T950 Tape Library gave us a reliable tape solution that lowered our power consumption costs as well as integrated flawlessly with our current infrastructure. "
>
> *Menno Drenth, Facility Post Manager, VPRO*

About VPRO

VPRO is a Netherlands-based creative public media organization that explores in-depth substantive programs and intelligent entertainment boundaries. The media entity was established in 1926 as a religious broadcasting organization. The company is known for producing and broadcasting quality (and sometimes avant-garde) programs, documentaries and films. VPRO often collaborates with other broadcasting organizations such as WDR, the BBC, and Arte. VPRO was the first broadcaster in the Netherlands to implement the web content management system MMBase, now in use by most Dutch broadcasters, publishers, educational institutes, and national and local government administrations.

The Challenge

Similar to many other organizations in the media and entertainment industry, VPRO was experiencing significant content growth due to increasing camera resolutions, frame rates and more footage being captured. They had been using an Oracle®/StorageTek SL500 Tape Library, but were struggling with its large footprint and were concerned that when they needed to scale the large library as data needs grew, they would physically run out of floor space. In addition, power consumption costs from the data center were an ongoing matter of interest for VPRO. Lastly, they needed a solution that had the ability to integrate with their existing Oracle (formerly Front Porch) products.

The Solution

VPRO chose a Spectra® T950 Tape Library for their archival storage solution. They were impressed with the T950's minimal footprint as well as its low power consumption – giving them significant cost savings and allowing them to reallocate budget to other business initiatives. Another benefit was the ability to integrate with their current Oracle (formerly Front Porch) software. VPRO now uses AVID Interplay to manage their video content, and DIVArchive to archive to their T950 system. They archive and retrieve their content daily, anywhere from a couple of gigabytes to multiple terabytes. Once the broadcaster fills 10 tapes (one Spectra TeraPack®) with data, the

English promo Beagle
1 AUGUST 2014

From the VPRO website showing original news and documentary programming.

TeraPack is exported from the library and stored at an offsite location. As the company continues to produce video content, the T950 can easily scale by adding additional frames for drives and/or media storage.

Environment Snapshot

- Spectra® T950 Tape Library
- LTO-6 drives and media
- AVID Interplay
- DIVArchive – Version 7.1
- Fibre Channel Network
- Spectra Standard Encryption
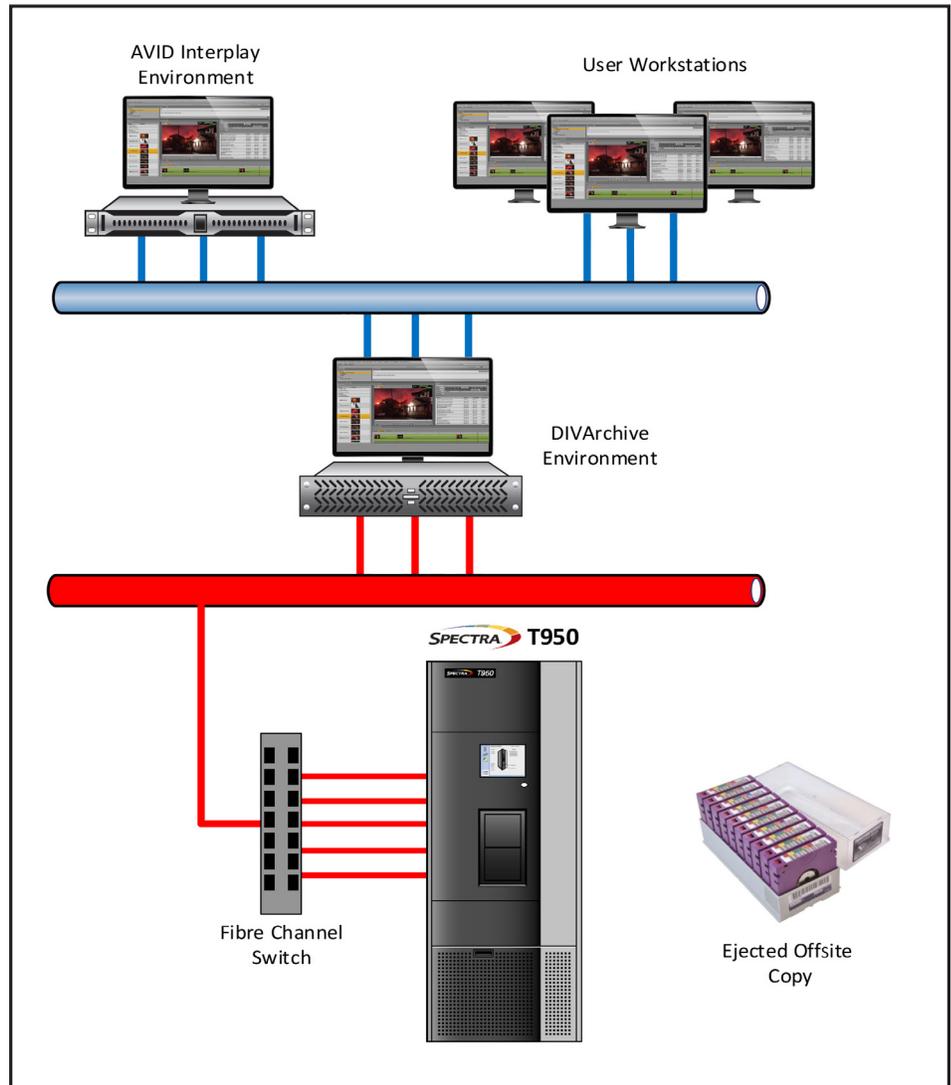- Managing 1PB of Media Files and Metadata

Why Spectra?

- Highest density with the smallest footprint in the industry
- Low power consumption
- Smooth integration with existing infrastructure
- TeraPack technology
- Media & Entertaining expertise

Solution Recap

The Spectra T950 - is designed and built to meet the stringent requirements of the enterprise for data integrity, data security and high reliability. The T950 tape library reduces staff involvement significantly, affordability scales in throughput and capacity, and supports multiple generations of current and future tape formats. For data archive, backup and recovery, this elite library leads the field in innovation – from the greatest storage density to proactive media management the T950 always protects your data.

LTO-6 Drives and Media – can help you maintain or reduce your existing footprint by maximizing your data density by being able to store more data per square foot. LTO drive specifications include: up to 6.25TB compressed capacity, digital speed matching of 40-160 MB per second, data transfers rate of up to 400 MB per second, backwards compatibility of read/write for LTO-5 media; reads LTO-4 media.

AVID Interplay Environment

User Workstations

DIVArchive Environment

SPECTRA **T950**

Fibre Channel Switch

Ejected Offsite Copy

AVID Interplay – allows users to work on multiple production projects simultaneously – whether in a single location or at various locations worldwide. AVID Interplay makes it easier for contributors to locate, use, edit and repurpose content. Teams can now focus on content creation rather than content management.