CASE STUDY

Australian post production giant adds speed and reliability with Spectra to cancel the drama in its backup process

> ❝ Spectra works closely with its customers, identifying their requirements and creating products that are easy-to-use, flexible and scalable. Spectra has a proven reputation for its commitment to storage technology innovation. We have also developed strong partnerships with key industry organizations to ensure seamless and proven end-to-end storage archive solutions for media & entertainment. ❞

Nathan Thompson, CEO, Spectra Logic Corporation

Spectra T50e and Spectra Verde NAS Solution

Fast Facts

- Spectra® Verde® NAS Solution
- Spectra® T50e Tape Library
- LTO-6 drives and media
- Atempo, EVS and Avid Software

The Challenge

This production comapny was looking for storage space to support their digital content for one of their reality TV shows. They were struggling with reliability and time to data with their legacy system and wanted something that would allow for very quick access in a nearline storage system. Their CTO investigated disk systems from Infortrend, Abeerdeen and Spectra.

The Solution

After evaluating several different options, they chose Spectra because its products fit their production needs, and because of Spectra's reputation for quality and high technical value. They selected the Verde NAS Solution platform to provide a nearline storage system for their editors to access the growing amount of content. Their engineers deployed two Verde NAS Solutions with 480TB of disk space each. This primary system is located at their headquarters and provides instant access to content on a nearline platform.

The second Verde is at a nearby second location, and is a replication target for the primary unit, to insure production of an automated off site copy of data, and prevent data loss. Multiple editors utilize Avid software to pull data from the Verde to their work station and edit it. Verde is connected to the network with dual 10 Gigabit Ethernet connections, providing plenty of bandwidth. If any data is changed, or new content created, the updated data is written back to Verde.

The immediate access to their nearline data from the Verde enables the group to create and edit shows much faster and with significantly less effort than their legacy solution. In the fast-paced world of reality television, this lets them produce more content faster. Verde's integrated data integrity features lets the company focus on their core business, creating entertainment, instead of worrying if their data is safe, available and valid.

Their CTO also chose a Spectra T50e tape library to use as a backup target. Atempo software performs scheduled backups to protect valuable data. Now the operation is able to take advantage of the scale and economics of tape for data protection. The offline tape copy provides an additional layer of protection from accidental or human error data loss.
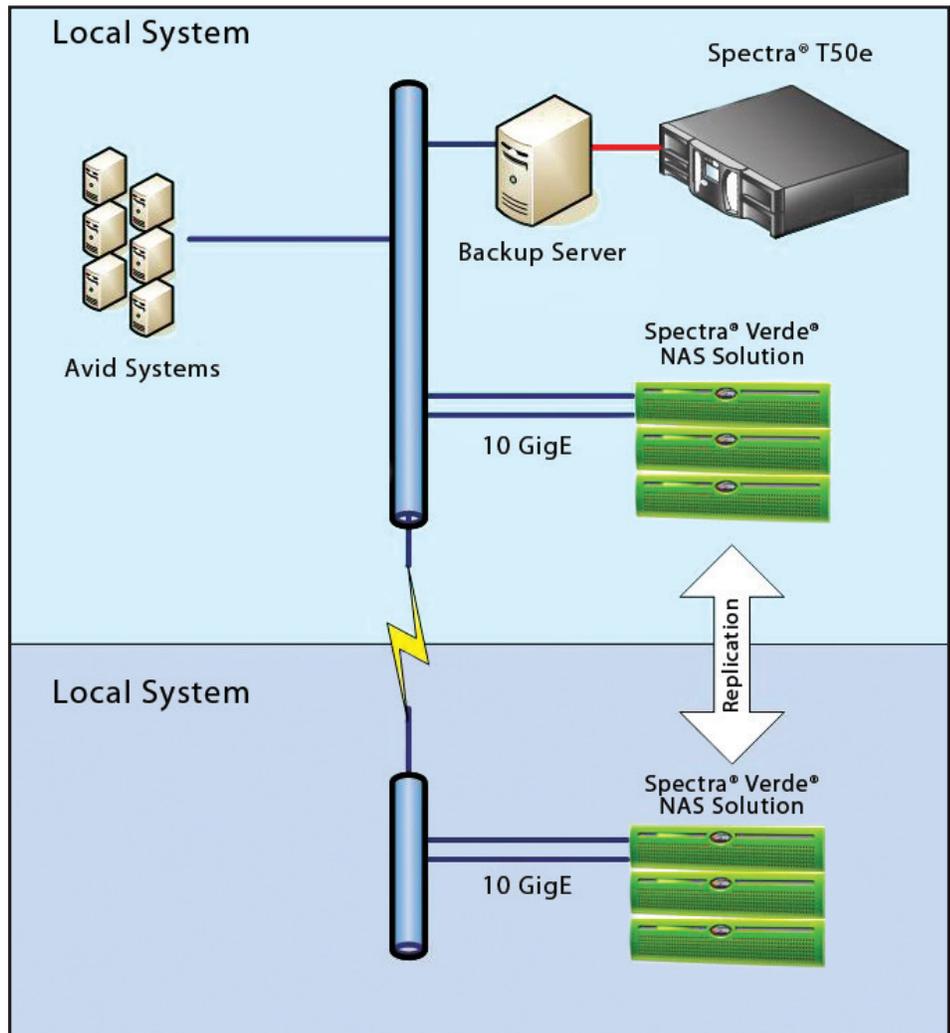
Why Spectra?

- Quality and high technical value
- Nearline NAS storage
- Ease of use
- Data Integrity Verification
- Speed
- Efficiency

Solution Recap

By combining field-proven reliability with cutting-edge storage innovation, the Spectra® T50e gives you enterprise capabilities in a compact, 4U rackmount or desktop library. Built upon five generations of Spectra Logic hardware knowledge and 12 generations of BlueScale® software, the Spectra T50e is simply the most reliable and feature-rich solution available in the small library market today.

Spectra T50e Tape Library

The T50e offers you advanced LTO technology, powerful library management, increased security through our integrated BlueScale Encryption, plus a range of support options to suit your needs. With more innovative features than any other library in its class, the T50e easily stands out in front.

Spectra Verde NAS Solution

The Spectra® Verde® NAS Solution is the optimal disk platform for the storage of mid-tier data, including primary storage offload, data staging, backup and archiving. Flexible, simple and affordable, the Spectra Verde delivers file storage for as low as 7.5 cents per gigabyte. The expandable Verde disk solution provides raw storage capacities from 48TB to 7.1PB. Designed for a variety of workloads, a single Verde solution supports three different disk drive types, including 4TB, 8TB and 12TB enterprise drives; 8TB archive drives; and high-performance SSD drives. Reliable, economical and archive-ready, Spectra Verde simplifies the storage process.