



CASE STUDY

CAM Productions International selects Spectra Digital Archive to preserve media content

“ Preserving our digital content into the future is critical to achieving our important mission and reaching as many people as possible with our message. Spectra Digital Archive provides us with a way to protect our assets long-term. We can easily access archived files as needed and enjoy a known upgrade path as our needs grow. ”

Fr. Louis Mallia, CAM Productions International



Spectra Digital Archive includes: Spectra StorCycle, BlackPearl Platform and Spectra Stack Tape Library



About CAM Productions International

Centru Animazzjoni Missjunarja (CAM) Productions International (CPI) is the audio-visual production house within the Missionary Society of Saint Paul, a non-profit organization with the aim of evangelization and missionary animation through various media platforms. Using several media platforms, CPI reaches a good number of people, transmitting Catholic teachings, through socio-religious programmes, documentaries and its weekly television programs.

The Challenge

Since 1999, CAM Productions International (CPI) has been broadcasting the Gospel message to thousands of households through weekly television programs on local national television stations. Throughout the years, CPI has also professionally produced various documentaries of a religious and socio-religious nature, both in Malta and abroad. Its studios and post-production facilities are equipped with the latest technology and manned by a professional and dedicated team. To reach as many people as possible, CPI is extending its media landscape and harnessing the power and reach of web-based media.

Once captured, the video footage taken during missions, documenting activities like the building of schools and houses, is later accessed for small-group showings and fundraising marathons and an additional copy of the data is made to tape for disaster recovery. The CPI was looking to implement a cost-effective and reliable data storage and asset management solution that



CPI's fundraising marathons are extensive broadcasting efforts and have been known to run for over 60 hours! Pictured: detail from 2019 transmission.

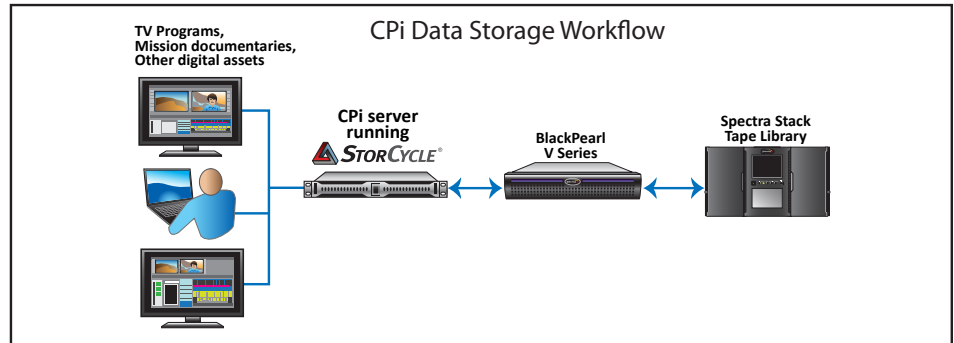
CASE STUDY: CAM Productions International

was easy to use for their streamlined IT department. The company has stored vast amounts of media footage on tape dating back to the early 1990s, documenting the earliest missions. CPi was looking to invest in a data storage solution that could help them preserve these videos so that they can continue to showcase the evolution and progress of volunteer work done on these missions through the years.

The Solution

To reach their data preservation goals, CAM Productions International (Cpi) turned to trusted Spectra partner, DAB Electronica. CPi was guided by DAB Electronica's pre-sales team, spearheaded by general manager Alan Gatt, towards the most effective archive solution that suits their business needs. Based on successful past integrations with Spectra's LTO libraries at various high-profile sites in Malta, DAB Electronica immediately recommended and effectively deployed Spectra Digital Archive. CPi's solution consists of Spectra StorCycle enterprise software for digital preservation, a Spectra BlackPearl Nearline Gateway and a Spectra Stack Tape Library with LTO-8 tape drives and media. StorCycle identifies and migrates media assets and complete projects from their network-attached primary storage arrays to BlackPearl Nearline Gateway, which in turn writes the data to tape in an open standard format. Ultimately migrating their data to tape means that their digital assets are preserved with proven LTO technology that has a known upgrade path.

As the archived data is accessed frequently, StorCycle's ability to leave behind HTML links in place of the original files means that end users have access to their files at the original location. CPi's Spectra Digital Archive solution provides long-term storage for their new assets and important older footage as it is digitized, while maintaining familiar access to files that have been migrated.



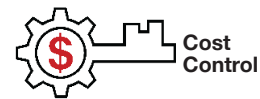
Why StorCycle?



Intelligent Archiving



Digital Preservation



Cost Control

Environment Snapshot

- Spectra StorCycle® Enterprise Software for Digital Preservation
- Spectra® BlackPearl® Nearline Gateway
- Spectra® Stack Tape Library
- LTO-8 Half-Height Tape Drives

Why Spectra?

- Long-term storage solution with proven LTO technology
- Known upgrade path
- Open standard technology to prevent vendor lock-in
- Recommended by trusted partner DAB Electronica

Solution Recap

Spectra Digital Archive (SDA)

is a complete hardware and software solution powered by Spectra's StorCycle software to provide digital preservation for data at scale. SDA is designed for cost-effective bulk archive, project archive and automated long-term archive. Components include:

- **Spectra StorCycle** – StorCycle automatically identifies and moves data from primary storage to a lower cost tier that includes cloud, object storage disk, network-attached storage and object storage tape.

- **Spectra BlackPearl** – BlackPearl provides an object-based, hybrid storage platform that easily and cost effectively scales up as object and file volumes grow; adapts as operational requirements change; and enables easy synchronization of data between on-prem and cloud storage.
- **Spectra Stack Tape Library** – Stack is an affordable tape library designed for incremental growth. It is scalable up to 560 tape slots and 42 tape drives when fully expanded. CPi's Stack installation can support up to 80 tapes.

Partner Profile:



DAB ELECTRONICA

DAB Electronica is Malta's leading distributor of professional and semi-professional broadcasting and audio-visual Equipment. A total solutions provider for technology equipment to local and North African television stations and broadcasters, DAB Electronica is involved in all phases of a project, from design and planning to material procurement, installation and commissioning of integrated systems.

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