



CASE STUDY

Joyce Meyer Ministries impacts the world with their message with the help of a Spectra Logic storage solution

“ We appreciate the collaborative relationship and Spectra’s attentiveness to incorporating our feedback and ideas into solution enhancements. Our continuing investment into Spectra technology on behalf of our organization has proven invaluable in helping us implement the next level architectural model taking us into the future. ”

Eric Grau, Manager - Media Asset Management, Joyce Meyer Ministries



Spectra Tape Library, BlackPearl Converged Storage System and Object Storage Disk

JOYCE MEYER MINISTRIES®

Sharing Christ – Loving People

About Joyce Meyer Ministries

Headquartered in Fenton, Missouri, Joyce Meyer Ministries is a Christian-based non-profit organization. New York Times best-selling author Joyce Meyer shares the good news daily on the ministry’s signature radio and television program, Enjoying Everyday Life. Broadcast around the world in more than 100 languages, on Internet, television, and radio stations, Enjoying Everyday Life can be seen on hundreds of stations and networks around the world.

The Challenge

Through media and humanitarian aid, Joyce Meyer Ministries has made it their goal to share Christ and love people all around the world. Joyce Meyer Ministries is built on a foundation of faith, integrity, and dedicated supporters.

Joyce Meyer Ministries produces more than 300 unique episodes of Enjoying Everyday Life annually. They transcode and deliver hundreds of individual episode files weekly to stations and networks around the world. Episode content includes multi-cam live event coverage, interview format, film style documentaries of world outreach missions, promotional content, and more than two decades of historical footage. The ministry needed a cost effective way to safeguard all its content, as well as the ability to create a post-production workflow that allowed for easy restoration of offline footage and legacy broadcasts to be available for repurposing into new programs.

The Solution

When it came time to replace their archive software and upgrade their tape drives, the ministry knew they could turn to Spectra. They added to their storage



Hand of Hope is the missions arm of Joyce Meyer Ministries. In response to the coronavirus pandemic, they are helping to feed those affected, provide medical supplies and more.

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workflow a BlackPearl Converged Storage System, BlackPearl Object Storage Disk, and the capability to transfer to AWS cloud via BlackPearl. BlackPearl acts as an object-based gateway to multiple storage targets including public cloud, enabling Joyce Meyer Ministries to manage disk and tape under a single platform. The ministries' media asset management (MAM) application talks to the BlackPearl Converged Storage System via RioBroker, a BlackPearl software interface that simplifies integration to asset management applications. The tight integration enables users to seamlessly search, preview and restore content regardless of where it lives in the architecture. Finally, RioBroker's migration tool kit provided Joyce Meyer Ministries with the capabilities to migrate assets from their previous LTO-6 tape format and onto the LTO-8 tape format without disrupting their television production. The BlackPearl RioBroker interface will enable any future migrations quite easily and non-disruptively – be it to newer tape generations, to a different MAM system, or incorporating new storage media into their workflow.

Upgrading from LTO-6 to LTO-8 increased their archive capacity by 79% from 1.4PB to 6.6PB, and the transfer speeds from the primary storage SAN through the BlackPearl P-Series to LTO-8 reduced their data archive time by 86%.

For archive workflows, their data resides in the cloud and on two cloned tape copies, with one tape copy stored offsite for further redundant data protection. The complete Spectra solution allows the Ministry to convert, tag, and share more than 20 years' worth of tape media more efficiently, providing a total platform to manage their growing data sets, along with a solid archive solution to preserve the Enjoying Everyday Life broadcasts for many years to come.

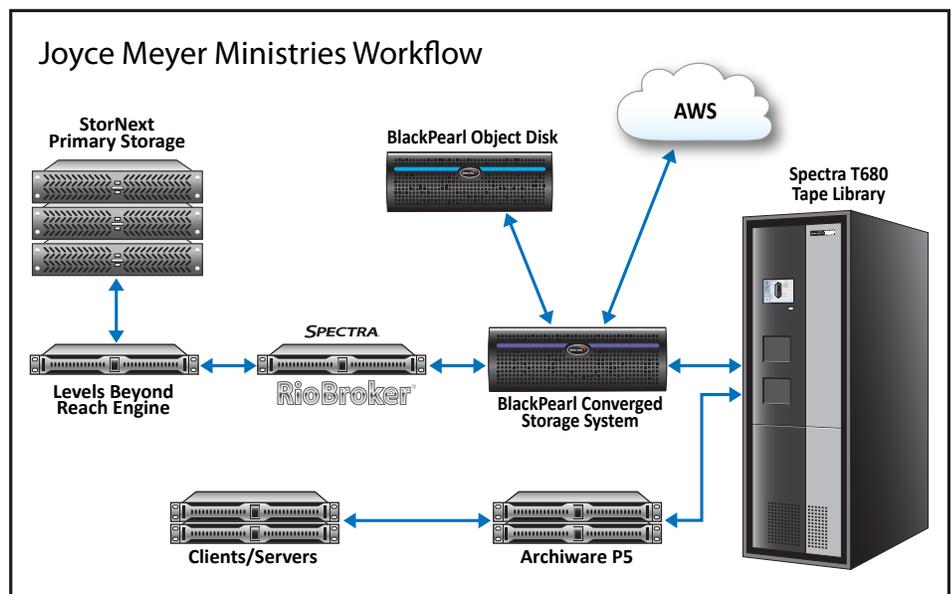
Why Spectra?

- Automated data movement
- Familiar access to archived data
- Scalability and integrity of object storage tape
- Open standard technology



“ Spectra provides Joyce Meyer Ministries the technology to safeguard and archive our media, and also to retrieve and provide it to creatives for content development. Our extensive media library requires a sophisticated, yet user friendly system, and the Spectra Logic BlackPearl solution fills that need. ”

John Pipes, Director of Media, Joyce Meyer Ministries



Environment Snapshot

- Spectra® BlackPearl® Converged Storage System (P-Series, SSD cache)
- BlackPearl® Object Storage Disk (195TB for rapid access near-line storage to the SAN)
- BlackPearl® RioBroker (Integrated with Levels Beyond Reach Engine for archive and restore workflows to/from LTO-8)
- Spectra® T680 Tape Library with LTO-8 tape drives
- Quantum StorNext SAN
- Over 1PB of video, audio, and image files on LTO
- Temperature controlled media vault

Solution Recap

Spectra BlackPearl Converged Storage System – BlackPearl was designed to provide a modern, simple portal to a multi-tier storage architecture and to break away from traditional and legacy solutions that are based on licensing models that drive greater cost when scaling. Designed for organizations where content and long-term integrity is at the core of their business, BlackPearl allows content to move seamlessly to disk, tape and cloud storage, in a way not previously possible. BlackPearl enables users to deploy multiple tiers of storage to create an architecture that is cost effective, easy to manage and scalable to exabytes of data. BlackPearl's simple RESTful API and integrated advanced bucket management (ABM) retains and manages organization's assets at very low per-gigabyte costs.