CASE STUDY

Televisión de Puebla protects and preserves invaluable Pueblan cultural heritage content with Spectra Digital Archive

> " Our goal was to free up space on primary storage by moving unused data to an archive infrastructure. Spectra Digital Archive presented the perfect way to simplify our storage management, automating the workflow for archive and protection while providing familiar access. "

Televisión de Puebla

SPECTRA
DIGITAL ARCHIVE®
POWERED BY STORCYCLE

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

Sistema Estatal de Telecomunicaciones
Gobierno de Puebla

About Televisión de Puebla

Televisión de Puebla is the public television network of the Mexican state of Puebla. It is managed by the State Telecommunications System (Sistema Estatal de Telecomunicaciones), a decentralized public organization which promotes educational, economic, social and cultural content of the Puebla's citizenship, through TV and radio programming that promotes their participation.

The Challenge

State Telecommunications System's mission is to define a plural and inclusive public system, under a comprehensive communication model in radio, television and digital media, focused on sharing educational and cultural content. The organization seeks to motivate citizen participation and their right to be informed through different platforms such as radio, television, video on demand and Internet services.

Televisión de Puebla's public TV networks cover almost 40% of the state population, offering educational, cultural and alternative programming, as well as local content intended to address needs, expectations and lifestyles of Puebla's society.

Televisión de Puebla was looking for an efficient, dynamic and perfectly managed solution for a new data storage system to preserve their cultural heritage, while facilitating the complex administration of a huge amount of stored data.

The Solution

Through **Comtelsat**, a Mexican broadcast solutions integrator, Televisión de Puebla began the implementation of Spectra Digital Archive. Their Spectra Digital Archive solution includes the following components: Spectra StorCycle enterprise software for digital preservation; BlackPearl Nearline Gateway, an
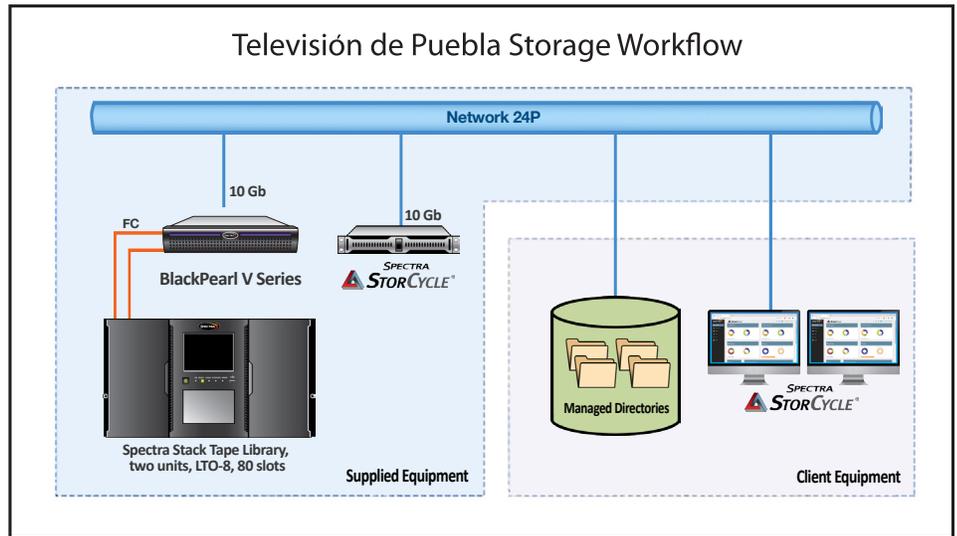
TV shows such as "Conciencia" offer educational programming that responds to the concerns of Puebla society.

object storage platform; and a Spectra Stack Tape Library. StorCycle identifies cold data residing on the organization's primary storage and migrates it to a secure tier of storage, Spectra object storage tape. All data sent to tape is encrypted and written in non-proprietary formats, providing an extra layer of protection for their invaluable assets. StorCycle also enables users to autonomously restore their own files with the HTML links that are left behind at the original file location.

Televisión de Puebla's Spectra Digital Archive solution offers the scalability they need by allowing them to easily add more tape drives and slots to the Spectra Stack Tape Library as their archive grows. The Spectra Digital Archive solution also helps them free up space on primary storage by moving unused data to the archive infrastructure.

Environment Snapshot

- Spectra StorCycle® Enterprise Software for Digital Preservation
- Spectra® BlackPearl® Nearline Gateway
- Spectra® Stack Tape Library
- LTO-8 Half-Height tape drives
- BlueScale® Software with standard encryption

Why Spectra?

- Insight into data for improved management
- Familiar access to archived data
- Open standard technology
- Scalability and integrity of object storage tape

Televisión de Puebla Storage Workflow

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 datafrom 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.*

Partner Profile:

COMTELSAT
INTEGRANDO SOLUCIONES

Comtelsat is a transnational company of 100% Mexican origin, expert in the industry of audiovisual media, tele-communications, complex security services and specialized consulting, whose main objective is to integrate and implement key and mission-critical projects for each of its customers.