

CASE STUDY

How a Global Financial Institution Created a Secure, Hybrid Backup Strategy with Spectra Logic® & Cohesity



Here's how Spectra and Cohesity delivered a reliable, cloud-compatible solution that supports backup and recovery best practices for an international financial organization.

THE CHALLENGE

As its previous backup and recovery solution approached end-of-life, **a major financial institution needed a new system capable of storing 150 TB per month** and scaling to 9 PB in total capacity. Its stringent compliance requirements — mandating retention periods of 30 days, 180 days, or seven years depending on data purpose — made automated, policy-based tiering essential.

The institution also required **faster restore access and a hybrid storage strategy** that could write one copy to on-premises tape and another to the cloud.

THE SOLUTION

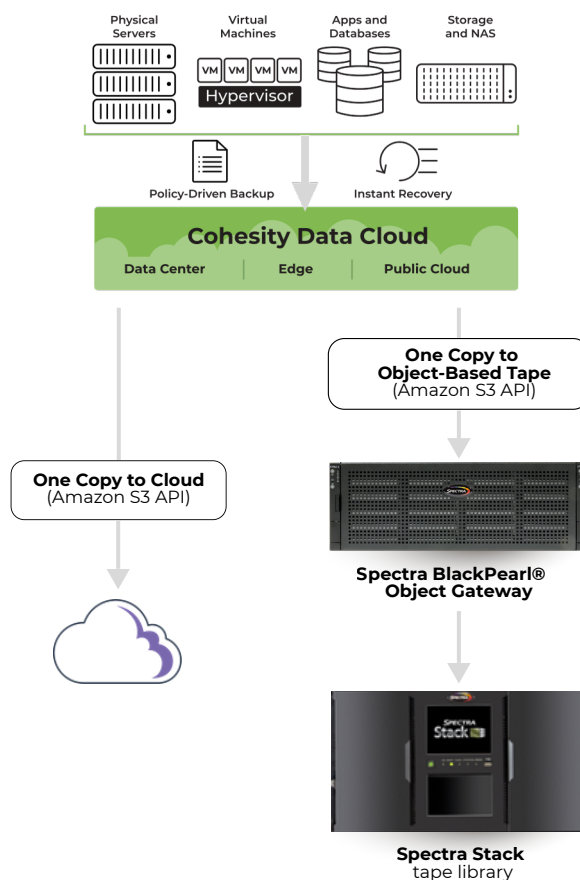
The financial institution built an integrated infrastructure with Spectra Logic and Cohesity, selecting the Spectra Stack tape library, Spectra BlackPearl® Object Gateway, LTO-9 tape drives and media, and Cohesity Data Cloud.

This solution enables scalable data protection while **supporting Amazon S3-compatible object-based storage**. Cohesity Data Cloud writes one copy of the data to the BlackPearl Object Gateway and another to the cloud; the BlackPearl Object Gateway then writes its copy to object-based tape.

THE RESULT

The financial institution's object-based storage approach to backup and recovery delivers flexibility, scalability, and affordability. By leveraging Spectra and Cohesity, the organization modernized its archive architecture, met stringent compliance requirements, **and ensured the long-term security and accessibility of its data**. This hybrid solution adds redundancy and air-gapped protection, while also reducing operational complexity.

THE SYSTEM



THE ENVIRONMENT SNAPSHOT

Cohesity Data Cloud Spectra Logic

- BlackPearl® Object Gateway
- Spectra Stack tape library (80 slots, can scale to 560 slots)
 - LTO-9 tape drives and media