BlackPearl Nearline Media Gateway

Simple, Affordable Data Preservation

Spectra Logic's BlackPearl® Nearline Media Gateway solves the problem of costly and complex approaches to digital preservation. With support for a variety of storage targets, it provides a simple, affordable solution for numerous concurrent workflows.

Integrated with a range of certified software clients and simple file movers, the BlackPearl Nearline Media Gateway reduces complexity and the need for, expensive third-party data movers.

Multiple Concurrent Workflows

- Object Storage Disk provides instant access to all data
- Object Storage Tape provides a deep archive tier of storage for long-term retention
- Public cloud storage can be configured as a storage target, for disaster recovery

Multiple Integration Methods

- Spectra software acts as a data mover to speed file transfers and streamline workflows
- Third-party data management to seamlessly move data to and from disk and tape storage
- API and SDK available for easy purpose-built integrations

Secure Ransomware Resiliency

- Multi-factor authentication for system security
- Object Lock for data immutability
- Encryption for data protection in-flight and at-rest
- Physical air-gap for data preservation when extended to tape

On-Prem Hybrid Cloud Storage

- Delivers the long-term retention functionality of cold storage in the cloud with on-prem performance
- Optimized for storing large, unstructured datasets at a fraction of the cost of public storage
- Object storage tape expands to multiple exabytes of storage

Integrate popular media management applications with object-based disk & tape

The Spectra BlackPearl Nearline Media Gateway provides an easy, RESTful, cloud-like interface to on-premises storage solutions, including Spectra tape and disk libraries. Spectra offers full integration into data management applications through existing client software. In addition, customers can create or modify their own clients to custom-fit their environments and optimize data workflows.

Lower the cost of Nearline Storage

Affordable storage solutions for disk, tape, and cloud

Benefits of BlackPearl Nearline Media Gateway

Data Resilience

Offers self-healing capabilities, automatically rebuilding missing copies of data to ensure your information is always protected and accessible.

Optimized Tape Storage

Employs an automated tape defragmentation process, recovering valuable storage space, and ensuring that the tape can be effectively utilized for storing new data.

Advanced Policy Control

Advanced policy management allows you to define storage target retention and the number of data copies, giving you full control over your data storage strategy.

Enhanced Security

Encryption at rest and in transit eliminates unauthorized access to data and guarantees your data stays secure.

Diverse Storage Management

Manages data across various storage targets including object-based disk, tape, and even replication to public cloud services, providing flexibility and scalability.

Tailored Workflows

Customize your data management workflow to seamlessly adapt to your specific needs by developing your clients.
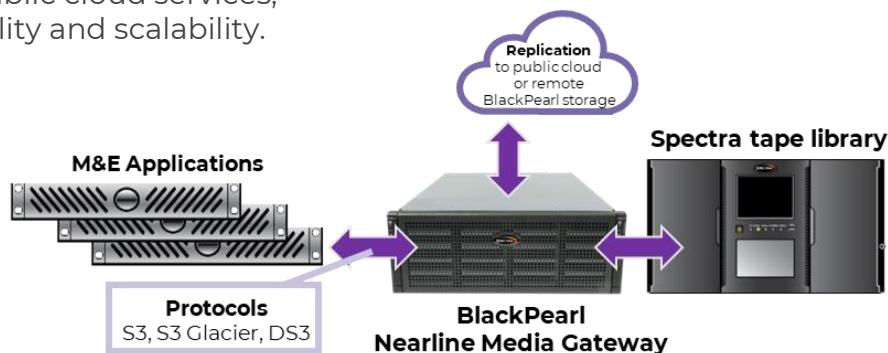
On-Prem Performance with Massive Scalability

Realize future-proof storage by combining on-premises performance with affordable, efficient scale-up expansion to petabytes of disk and exabytes of tape.

Flexible, Optimized Deployment Options

Spectra Logic offers the BlackPearl as a choice of 2U & 4U models with hardware options and multiple expansion chassis to meet different performance and capacity needs.

The BlackPearl product family enables the most optimized, efficient placement of data with All-flash and Hybrid disk/flash configurations.

Maintain full access and control over your data, with an enhanced Active-Standby availability architecture that minimizes downtime and maximizes reliability.

Replication to public cloud or remote BlackPearl storage

M&E Applications

Protocols S3, S3 Glacier, DS3

BlackPearl Nearline Media Gateway

Spectra tape library

About Spectra Logic Corporation

www.spectralogic.com