BlackPearl S3
Object Storage Disk
Balancing Price and Performance for the Enterprise

S3 Compatible Object Storage with Cloud Connectivity and Optional Tape-Out

BlackPearl® S3 helps organizations strike a balance between production, nearline, and long-term storage. BlackPearl S3 allows for seamless integration with any application that supports software that writes to S3. The native S3 compatibility and rich data policies, coupled with a unique **bi-directional cloud synchronization** feature, enable cloud workflows for data hosted locally or in the cloud. BlackPearl S3 provides a local tape-out option creating an on-premises Glacier* tier for long-term retention and disaster recovery. Having an on-premises Glacier tier greatly minimizes retrieval SLAs and egress fees for previously archived content while allowing the flexibility to change cloud providers without penalty.
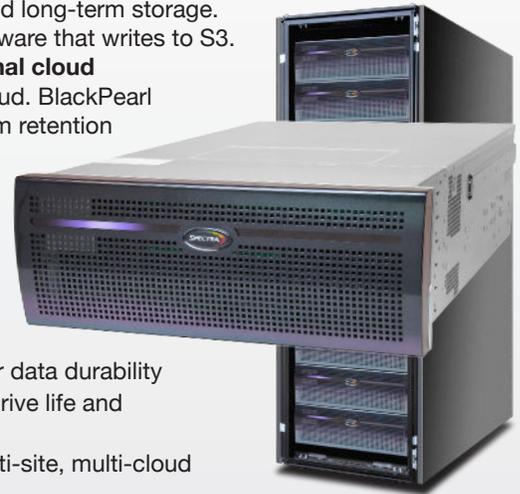
Flexible Deployments

- Nearline for fast concurrent access
- Small to large-scale asset repository
- Data protection and multi-tier archiving
- On-premises Glacier with tape-out option
- Cloud connectivity for hybrid workflows

Flexible S3 Storage

- Choice of Flash, NVMe, or HDD
- Incremental scaling – Up to 20PB
- Hot-pair and remote replication for data durability
- Power-down mode for extended drive life and reduced power consumption
- Extensible to Spectra Vail® for multi-site, multi-cloud

BlackPearl S3 - Flexibility to meet all your content workflow demands

When combined with the capabilities of standard media asset management or orchestration platforms, media deliverables become easily automated and instantly accessible.

A Single Repository for all your Assets

All Types of INGEST

Asset Mgmt/Edit/Orchestration

Production Storage

Playout
B Cast/VOD/OTT

SPECTRA
BLACKPEARL®
S3 Storage

Public Cloud
Amazon
Azure
Google
Wasabi

On-Prem Glacier

Optional Automated Tape

SPECTRA
BLACKPEARL®
S3 Storage
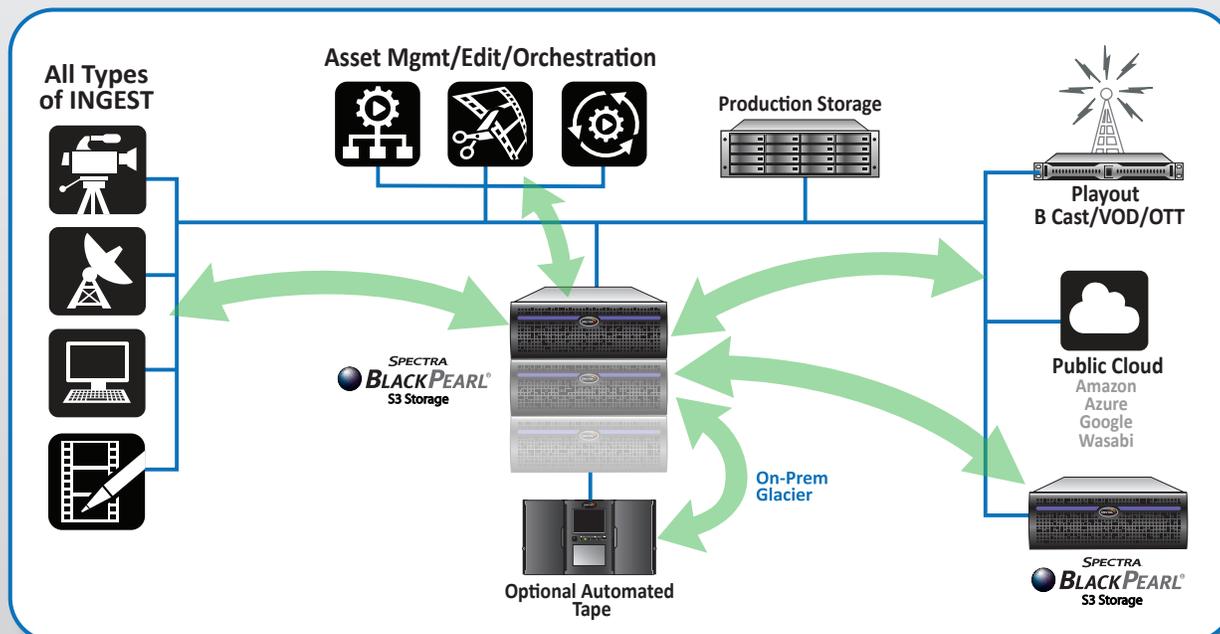
BlackPearl S3 for Media and Entertainment is a breakthrough in data management and storage

BlackPearl S3 Feature List

■ **Lifecycle policies and data tiering**
- User-defined policies to meet number of copies and retention periods
- Policy-driven placement of objects to automate desired workflows
- Automated migration of content to lower cost tier based on usage, age, etc.

■ **Intuitive user interface**
- Web-based UI provides the ability to manage data from anywhere
- Designed with the user in mind
- Easily create automated policies between storage pools, public and private clouds

■ **Incremental scaling**
- Scale-up architecture allows for affordable expansion
- Over 20PB in a single rack
- Optional performance levels ranging from 300MB/sec to 6GB/sec

■ **Security and access control**
- Ideal platform for content storage, providing self-protecting, flexible and affordable secondary storage
- Configured to provide encryption at rest, object locking, and a variety of air-gap options to ensure data security
- Attack-hardened™ data protection storage perfect for ransomware resiliency

■ **On-premises glacier**
- More cost-effective than Amazon® Glacier®, with the advantages of on-prem deployment
- Eliminate egress and restore costs to retrieve data from the cloud
- Decrease the retrieval time of data from hours to seconds or minutes

■ **Bi-directional cloud synchronization**
- Synchronize content between on-premises and cloud buckets
- BlackPearl S3 can back up cloud buckets to a local system
- **Prevent vendor lock-in** by maintaining on-premises and cloud buckets synchronized

■ **Extensibility to Spectra Vail**
- BlackPearl solutions can easily be upgraded into a full Vail solution
- Manage your content across multiple sites, multiple clouds, and storage mediums with a **global namespace**
- Facilitate hybrid workflows across multiple sites and multiple clouds

■ **Site replication**
- Replicate to a different offsite location, or a remote cloud target

■ **Partial File Recovery (PFR)**
- Restore only part of a file for greater efficency

*Amazon Glacier® is a registered trademark of Amazon Technologies, Inc.

About Spectra Logic Corporation

Spectra Logic develops a full range of Attack Hardened™ data management and data storage solutions for a multi-cloud world. Dedicated solely to data storage innovation for more than 40 years, Spectra Logic helps organizations modernize their IT infrastructures and protect and preserve their data with a broad portfolio of solutions that enable them to manage, migrate, store and preserve business data long-term, along with features to make them ransomware resilient, whether on-premises, in a single cloud, across multiple clouds, or in all locations at once. To learn more, visit www.spectralogic.com.

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