



# Modern Storage Platform

## Infinitely scalable object store: disk, tape and cloud

Spectra® BlackPearl® is an object storage platform that enables data lifecycle management which eliminates the need for expensive legacy middleware. The Spectra BlackPearl Converged Storage System helps consolidate islands of storage, creating efficient workflows, while allowing data to be shared amongst multiple applications. BlackPearl incorporates feature-rich software within a purpose-built hardware platform that facilitates a simple, modern storage solution. Delivering a lower total cost of ownership (TCO), BlackPearl seamlessly adapts to evolving business needs.

### Affordable



- Eliminates costly middleware
- No licensing model
- Low cost of procurement, capex and upgrades
- Lower administration costs
- Low overall cost of support year over year

### Open



- Open-standard – LTFS
- Open-source – ReSTful API
- Native S3 out
- Integrated with leading data management apps
- Develop your own client for in-house apps

### Efficient



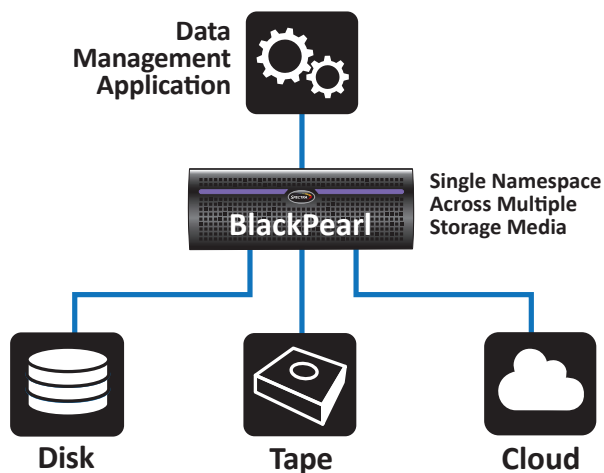
- Streamlines and simplifies workflows
- Flexible multi-site and disaster recovery
- Modular architecture scales seamlessly
- Easy to deploy
- Automated - transparent migration

### Control



- Object storage
- Global namespace across all storage tiers
- Flexible storage targets with no capacity licenses
- On-premise, off-premise
- Business-driven data policies

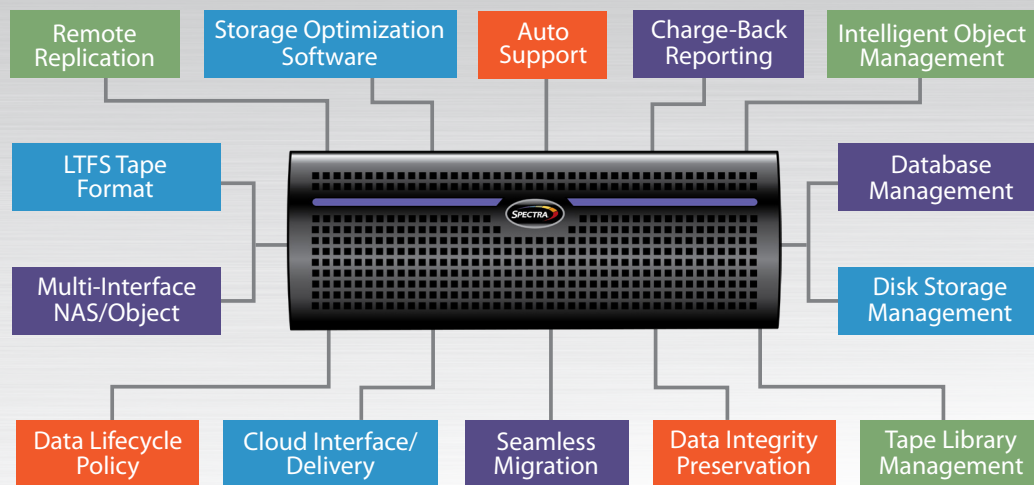
### Typical BlackPearl Workflow



## Seamless Integration:

BlackPearl is directly integrated with industry-leading data management applications. Its multi-tenancy capability allows multiple applications to simultaneously share or isolate data on a single BlackPearl. This plug-and-play solution reduces the number of vendors in an environment, lowering costs and simplifying support. The open nature of BlackPearl enables business units within an organization to decide upon the application that best meets their needs. Organizations are no longer locked into a one-size-fits-all application.

## BlackPearl Features At-a-Glance

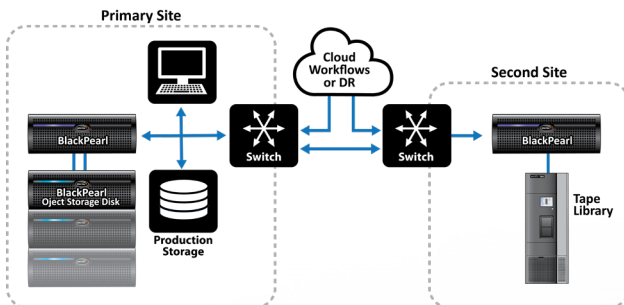


## Storage Targets

BlackPearl manages data on multiple storage targets including online disk, nearline disk, tape, remote sites and public cloud. Through BlackPearl's advanced data policy engine, data is stored on best-suited storage targets and policies are applied to establish the number of copies, as well as retention period.

## Multi-Site

BlackPearl's connectivity and media policies grant users the ability to read and write to multiple BlackPearls in geographically disparate locations as well as cloud targets (e.g. Amazon and Azure). This facilitates disaster recovery, multi-site and cloud workflows and failover sites for greater data availability.



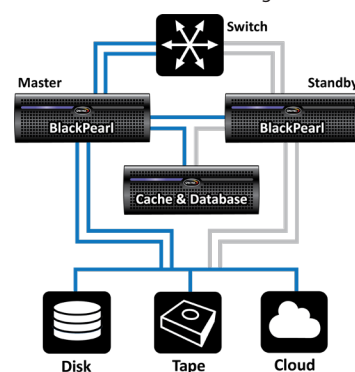
## Cloud-Out

BlackPearl's cloud-out feature provides the means for cloud-based workflows. The combination of on-premise and cloud-out provides users with the ability to leverage on-premise storage to manage the cost of public cloud.

## High Availability

Protecting data to ensure availability is just as critical as having fast concurrent access to it. When multi-site replication is not an option, BlackPearl's HotPair ensures data availability at a single site with minimal failover time.

BlackPearl HotPair Configuration



## Multi-Tenancy

Sharing a storage platform for multiple applications, across multiple workflows, within multiple business groups is crucial to keeping TCO of storage as low as possible. Administrators can create users, groups and buckets, allowing multiple applications to access a single BlackPearl for data sharing across business appropriate storage tiers – supporting multiple workflows.

## Intelligent Object Management

The Intelligent Object Management (IOM) feature allows BlackPearl to automatically manage objects throughout their lifecycle:

- **Migration** – simple move to new tape generation, disk or cloud
- **Self-Healing** – auto-heal objects on suspect or failing media to guarantee data integrity
- **Automatic Tape Compaction** – defrag your data tapes to maximize free space
- **Data Policy Modification** – change policy after the fact to add or remove copies
- **Hydration** – pre-stage objects on faster tiers of storage for quick recall before critical user events

## About Spectra Logic Corporation

Spectra Logic develops data storage and data management solutions that solve the problem of long-term digital preservation for organizations dealing with exponential data growth. Dedicated solely to storage innovation for 40 years, Spectra Logic's uncompromising product and customer focus is proven by the adoption of its solutions by leaders in multiple industries globally. Spectra enables affordable, multi-decade data storage and access by creating new methods of managing information in all forms of storage – including archive, backup, cold storage, private cloud and public cloud. To learn more, visit [www.spectralogic.com](http://www.spectralogic.com).