



Modern Data Management and Storage Solutions for Media & Entertainment



The profound effect of market transformation on media and entertainment continues to make waves across the industry.

At Spectra Logic, our own transformation over the last decade has resulted in a broad set of software-centric data management solutions (and storage) to free organizations from the constraints of their legacy architectures. These flexible solutions allow companies to automate, optimize and scale all aspects of their storage and media workflows, from ingest to distribution, whether on-premises, in the cloud or in hybrid configurations.

- Content lifecycle management & tiering
- Intelligent archiving and preservation
- Multi-site, multi-cloud content management
- Hybrid cloud workflows
- Migration services
- DR & Business continuity
- Ransomware protection
- Storage (NAS, Object, Tape)

Modernize

Optimize

Scale

Adapt

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Archiving, Content Management, and Data Placement Software

Spectra Logic offers a host of software solutions to archive, protect, and manage content. These software platforms can operate as independent applications, or in a tightly integrated environment with popular asset management applications, orchestrations, or automation software facilitating end to end workflows from ingest to production, and ultimately to distribution. All platforms, provide data movement, and placement to automate efficient workflows in a single on-premise site, multiple sites, or in a highly sophisticated hybrid cloud environment. These flexible solutions give end-users the freedom to choose the best of breed solutions and services that best matches their business needs.

Intelligent Digital Archiving

StorCycle scans, manages, protects and preserves the sprawling data volumes that are NOT managed by an asset management application. Unmanaged assets can be the originals, B-rolls, dailies, graphics, or just social and online media crowding your primary storage.

- Provides tools to make intelligent decisions about what to archive and when
- Enables metadata tagging for quick search and restore
- Eliminates time-consuming task of cleaning production volumes

Data Movement and Media Processing

RioBroker is a performant data mover for BlackPearl that is integrated with all media and entertainment MAM, PAM, orchestration applications. When coupled with RioWatchfolder the platform becomes a simple, yet rich tool to archive, tag, and manage content for most media environments. The combination of RioBroker and RioWatchfolder lends itself greatly to automate media processing and media management.

- Flexible watchfolder functions to automate media processing
- Metadata tagging and intuitive UI for ease of management
- User friendly for automated archiving and protection

Multi-Site, Multi-Cloud Content Management

Vail is a distributed software to manage data across multiple sites and clouds that provides a unified global namespace for all assets so that users can universally access any data from any site, or any cloud. Rich policies automates data placement which facilitates media workflows in hybrid or distributed architectures so that organizations can maximize the value of cloud services.

- Unified platform to manage & share content, and facilitate collaboration
- Policy based data placement to automate media workflows at a global enterprise level
- Brings together on-prem and cloud data into a unified management system

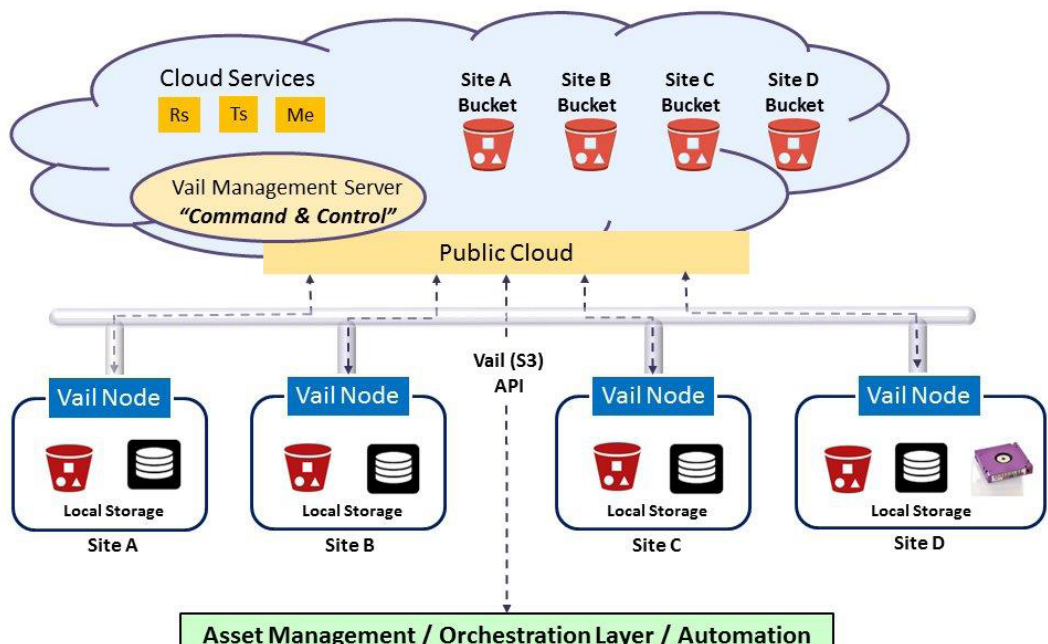
Vail Across the Enterprise

Partner/Cloud Orchestrated, Hybrid Workflows

Rs
Replication & playout in the cloud, Vail uploads content to cloud, use policies or invoked services to replicate or playout

Ts
Transformation Services, transcoding, rendering, and other services.

Me
MetaData Enrichment, AI, Machine Learning, and other services at scale



Flexible Storage Options

Spectra offers media professionals with host of storage solutions to help users throughout all stages of their content lifecycle management as they create, manage, distribute, and monetize their content. These storage solutions are deployed as ingest or nearline storage, digital parking lot, shared central repository, or as disk-based archives. Spectra's core storage offering is BlackPearl, a flexible, scalable architected platform that manages disk, tape, and cloud storage across multiple sites.

NAS Storage

BlackPearl NAS, with a scale-up architecture provides expandable high performance secondary storage. BlackPearl NAS is designed to provide secure, fast concurrent access to content in a variety of use cases such as: archive cache, ingest platform, central shared storage, digital parking lot, or disk-based archive platform.

- Scalable up to 20PB in a single rack
- Shared central repository to local edit stations
- Enhanced protection with mirroring and immutable snapshots

Object Storage

BlackPearl helps organizations strike a balance between production storage, nearline, and long-term storage. BlackPearl object storage offers seamless integration with all applications that utilize S3 or Spectra's own DS3 APIs. These storage subsystems offer a local tape-out (On-Prem Glacier) to help balance speed of access vs cost. Both subsystems offer cloud integrations to facilitate hybrid workflows as well as disaster recovery options.

- Nearline for fast concurrent access to content
- Policy driven multi-tier archiving
- Cloud connectivity for hybrid workflows

Tape Storage

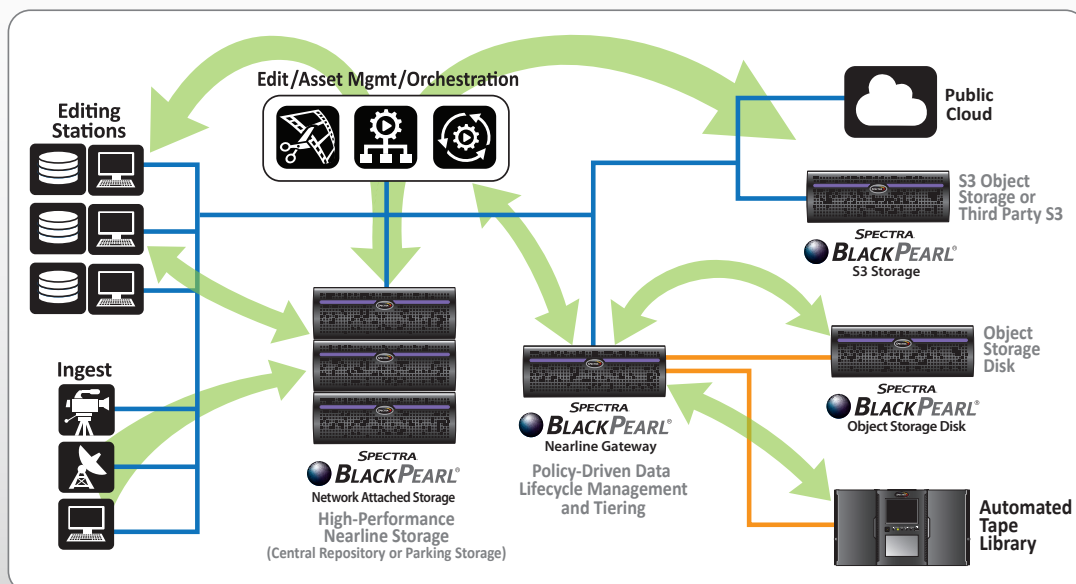
Spectra tape libraries provide the lowest-cost, long-term storage for data protection, archiving and retention, and offline storage to protect against ransomware. Spectra Solutions write content on LTFS tapes in their native format so that your content is always accessible directly on tape when necessary, but also as an ideal means to store offsite, or to deliver and share content with clients.

- Easily scale in capacity and performance from a few hundred to millions of hours of content
- Store a vast amount of content in the smallest storage footprint possible
- Proactively monitors data and tape health to guarantee long-term preservation of assets

Content Lifecycle Management & Tiering

BlackPearl Nearline Gateway provides a rich set of policies to manage and preserve content through its lifecycle on a mix of storage options. BlackPearl Nearline Gateway is integrated with all popular asset management, orchestration, and automation applications to facilitate seamless workflows in any broadcast or post, production environments.

- Data lifecycle management and tiering with retention policies
- Single namespace across object storage disk, cloud, and LTFS tape
- Seamless migration to future storage technologies



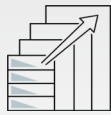
Migration and Professional Services

There are many reasons that can drive a migration project; strategic initiatives to utilize cloud services, modernizing for greater efficiencies which eliminates legacy systems, consolidating storage across multiple sites into a central shared system, or simply moving to a newer storage subsystem. Whatever the reason, the process can be complex and daunting.

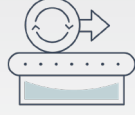
Spectra Migration Solutions are



Automated
Minimize risk and free up human resources



Scalable
Meet your project timeline objectives



Non-Disruptive
Migrate, in live production without disruption

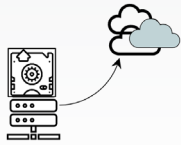


Risk-Free
Analysis, scoping, preparation, and real-time reporting

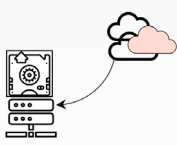


Customizable
Clean-up archives of unwanted content

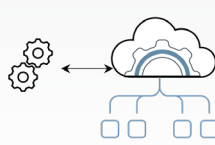
Data Migration Services



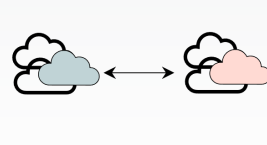
**On-Prem (disk/tape)
To Cloud**



**Reverse Cloud
(Cloud to On-Prem)**



**Legacy Systems to
Modern Platform**

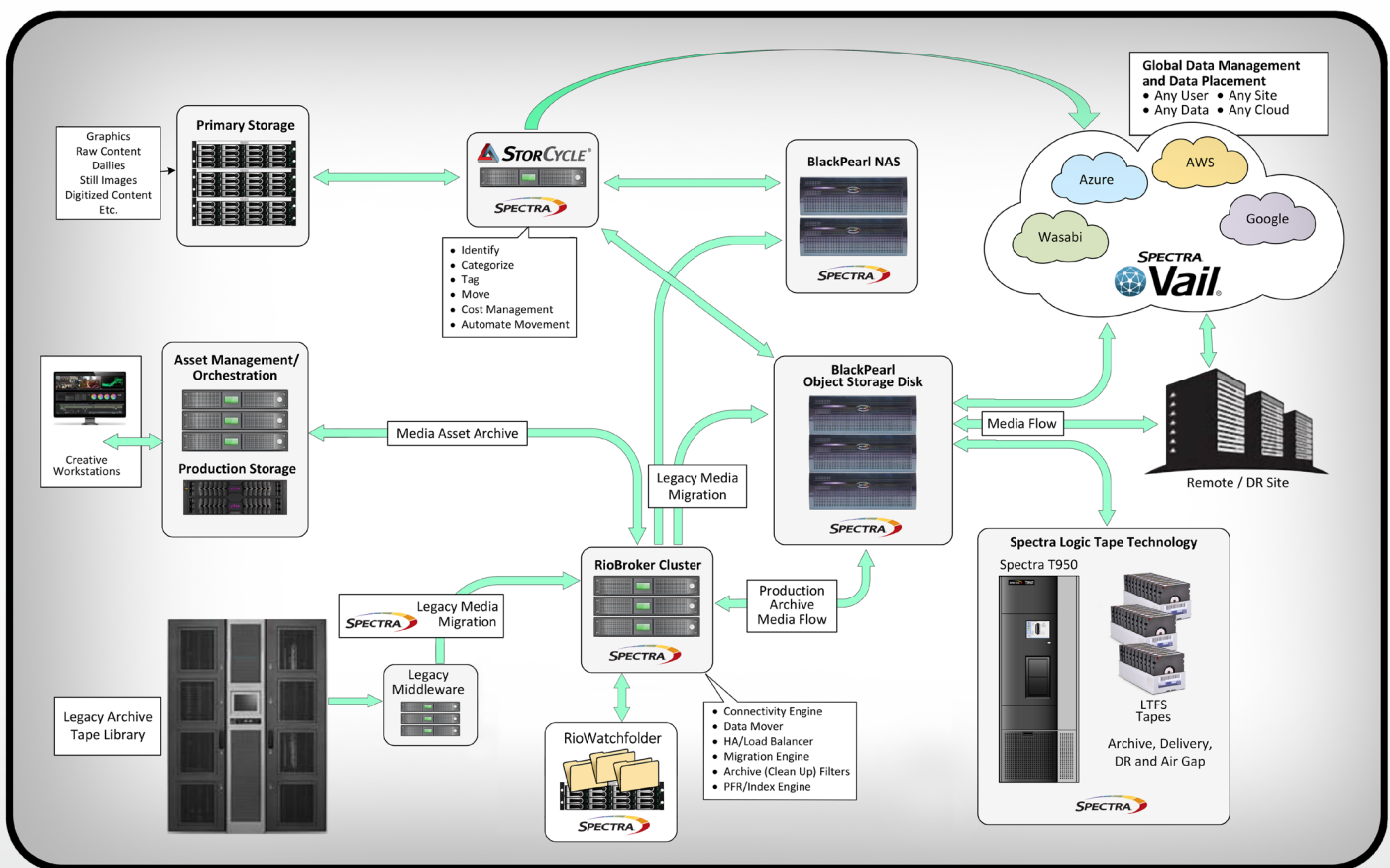


**Cloud to Cloud
Migrations**



**Cross-Platform
Migrations**

End to End Solution From Spectra Logic



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 more than 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.

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