

Spectra Rio Media Suite



A Platform for Media Management and Archiving

Many media professionals struggle with scattered media files, slow retrieval times, and the high costs of maintaining legacy archives and outdated middleware environments, wasting precious time and resources on creative flow.

Spectra Logic® Rio Media Suite™ addresses these challenges by providing a simple, modular, and affordable solution for seamlessly managing, archiving, and retrieving media.



A Smarter Way to Manage and Archive Media

Rio Media Suite, a media archive platform (MAP), is a flexible and extensible solution ensuring fast and secure access to media assets, automating workflows for greater efficiency, and enhancing the user experience. Built to integrate into diverse storage environments, it eliminates the complexity of media archiving with seamless automation, intelligent and scalable media management, and effortless retrieval. It ensures that creative teams to administrators can focus on storytelling, not media logistics.

Benefits of Rio Media Suite

Intelligent Media Orchestration

Automates and optimizes media management and movement with customizable policies.

Unified Access

Manages media assets across file, object, tape, hybrid cloud, or public cloud storage architectures.

Efficient Archiving

Affordably preserves media assets with flexibility and extensibility, with simple yet powerful administration.

Targeted File Retrieval

Retrieves specific media segments quickly, minimizing wait times, bandwidth consumption, and storage overhead.

Smart Search & Metadata Management

Searches, discovers, and retrieves media assets quickly through intuitive indexing and tools.

Seamless System Integration

Connects with leading asset management systems, ensuring smooth, end-to-end workflows.

Flexible Deployment Topologies

Supports on-premises, hybrid, and cloud storage deployments for full accessibility and greater availability.

Why Rio Media Suite?

Affordability: The Features You Need

Unlike legacy middleware or content management systems, where one size fits all, the modular MAP design of Rio Media Suite allows creative teams to choose an optimal set of features and extensions for their post and production environments. You only pay for what you need, eliminating complex or multi-vendor solutions and third-party tools.

Automation: Simplify Workflows

Rio Media Suite streamlines media operations with intelligent automation and policy-based workflows. Automated processes like lifecycle management, file migration, and partial file retrieval allows production teams, editors, and archivists to find, retrieve, and manage media effortlessly.

Scalability: Grow with Confidence

With the flexibility to add capabilities as needs change or new application extensions become available, Rio Media Suite scales to fit any media environment, from small studios to global broadcasters. Combined with a subscription-based pricing model, this extensible approach offers maximum flexibility and affordability, while keeping administration and complexity to a minimum.

Media Archive Platform Foundation

MediaEngine is the core of the Rio Media Suite, enabling secure access and data mobility across applications and multiple storage platforms. It provides a modular and extensible solution supported by application extensions, storage connectors, and broad client integrations.

Rio Media Suite
Media Archiving Platform

Client Integrations	Avid	BitCentral	Dalek	Iconik	Imagine	SDVI	+30
Application Extensions	Lifecycle Policy Engine	Partial File Recovery	Portable Media	Media Composer Panel	WatchFolder	MediaMigrator	
Platform Foundation	MediaEngine						
Storage Connectors	ObjectConnect S3, S3 Glacier, & D3S APIs			FileConnect NFS, CIFS, SMB, & FTP Protocols			

"Spectra Logic provided the University of Notre Dame with a modern solution that was scalable, cost-effective, and enabled extensive, efficient workflows. We've had positive experiences with Spectra's products in the past, making Spectra the obvious choice for our next initiative."

- Mike Anderson, Storage Systems Administrator, University of Notre Dame, South Bend, Indiana

[Read Case Study](#)

A Flexible & Extensible Media Archive Platform

The modular design of Rio Media Suite offers powerful features designed to optimize media workflows, automate key processes, and enhance storage efficiency and costs. MediaEngine and its extensions and connectors seamlessly integrate with existing environments.

- **MediaEngine:** Centralizes and simplifies media archiving and management, automating media workflows to boost efficiency and ensuring smooth media movement and placement.
- **Lifecycle Policy Engine:** Set predefined data policies to automate lifecycle management for moving and storing media, optimize storage utilization and cost, and free teams from manual, time-consuming media handling.
- **Partial File Restore:** Enables quick retrieval of specific segments of large media files, saving valuable time, bandwidth, and storage while streamlining editorial workflows.
- **Portable Media Ingest:** Accelerates and automates media import from portable storage devices, streamlining integration into existing environments.
- **Media Composer Panel:** Enables editors to archive, manage, search, and retrieve Avid and non-Avid assets without leaving Avid Media Composer.
- **WatchFolder:** Monitors directories for file or object changes and automatically triggers workflows, streamlining media archiving and eliminating manual intervention.
- **ObjectConnect:** Streamlines cloud and on-premises Amazon S3-compatible and Amazon S3 Glacier-compatible storage, and Spectra DS3 object storage management, ensuring fast access to data and cost-efficient archiving across environments.
- **FileConnect:** Enables high-performance file transfers across NFS, CIFS, SMB, and FTP protocols, optimizing connectivity and workflow automation between storage platforms to local or cloud archives. Utilized for ingest, disk archiving, media parking, or cache to deep archive.
- **Rio Media Migration Services:** A professional service that helps organizations effortlessly migrate media from legacy or outdated systems to modern object-based storage, whether on-premises, hybrid, or cloud.

Streamlined Storage Integration

With deep integration into Spectra and third-party storage solutions, Rio Media Suite delivers streamlined and cost-effective policy-based media workflows across on-premises, hybrid, and cloud options.

- **Object Storage:** Spectra® [BlackPearl® Nearline Object Gateway](#) and [Nearline Media Gateway](#) easily handle massive, unstructured datasets, and are accessed seamlessly with applications supporting Amazon S3-compatible APIs.
- **Tape Storage:** Perfect for long-term archiving and ransomware protection, [Spectra tape libraries](#) provide the lowest TCO storage solution with air-gapped security and massive scalability. When combined with BlackPearl Object-Based Tape, Spectra tape libraries offer Amazon S3 Glacier-compatible storage on-premises.
- **Network-Attached Storage (NAS):** [BlackPearl NAS](#) offers scalable, cost-effective, high-performance secondary storage for file ingest, near-line, and disk-based archiving.
- **Third-Party Storage:** Using application extensions, ObjectConnect and FileConnect, you can archive content to third-party file-based and Amazon S3-compatible storage, maximizing flexibility and safeguarding your investments.

The Future of Media Archiving Starts Now

Rio Media Suite empowers media professionals with an automated, cost-efficient media archive platform that streamlines media management workflows from ingest to archive and fast retrieval. With intelligent media orchestration and seamless integration, it simplifies media management, archive, and retrieval, freeing teams from storage concerns to focus on content creation and storytelling. Unlock smarter, more efficient media workflows with Spectra Rio Media Suite.

About Spectra Logic Corporation

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.

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