

MediaEngine Software



Media Archive & Management

MediaEngine software is a high-performance media archiver that orchestrates secure access and data mobility between ecosystem applications and storage services. As the foundation of the Rio Media Suite platform, MediaEngine streamlines media workflows, enhances efficiency, and ensures robust media protection. With its rich feature set, it delivers scalable and modular media archiving that caters to diverse needs and budgets.



Manual (ad hoc) Archiving



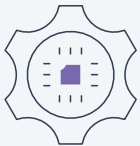
- Simple, intuitive Web UI to browse, select, and archive
- Tag and flexible search functions for quick, easy restores
- Definable, editable tags before or after archiving

Semi-Automated Archiving



- Highly flexible watch folder schemas
- Organize and manage media with flexible, configurable tag functions
- Watch folder profiles & cloning for easy scaling & performance

Integrated Archiving



- Integrated with popular applications via RESTful APIs
- Supports over 40 leading asset management and editing systems
- Unified namespace for all assets across storage mediums, sites, and clouds

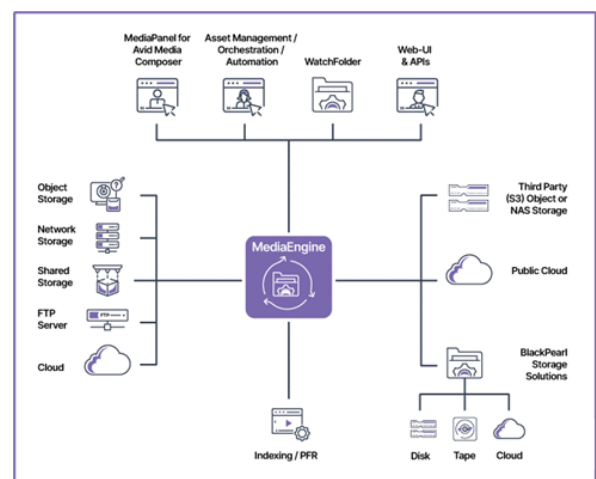
Proven Risk-Free Media Migrations



- Migrate live assets without disruption to production
- Automated, scalable, and customizable to meet your needs
- Migrate from legacy middleware to and from tape, object disk, and cloud

Simple Media Management Features

- Intuitive, user-friendly Web UI
- Extensive, flexible, editable tagging
- Easy search and recovery functions
- Partial file recovery
- Extensive log functions for audits and discovery
- Standards-based APIs and formats for longevity
- Transcends on-premises, cloud, hybrid, site, and storage mediums



Flexible Deployment Options

MediaEngine software offers flexible deployment options. It can run on physical and virtual servers and be deployed as a container. It supports multiple platforms, including Windows and Linux, making it adaptable to various infrastructures.

Storage Agnostic

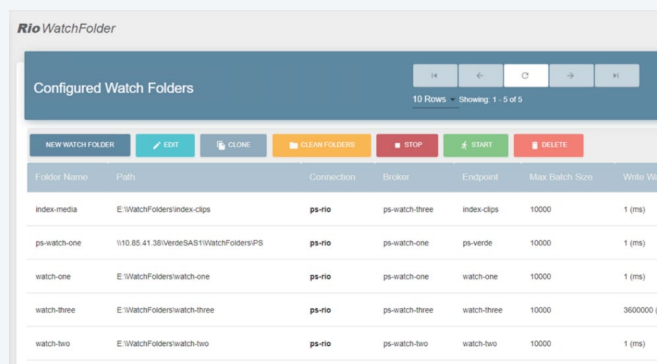
MediaEngine software, including the BlackPearl Nearline Media Gateway, is optimized for Spectra storage, which provides multi-tier storage with lifecycle management and tiering capabilities. It works seamlessly with any third-party file and Amazon S3-compatible object storage. Third-party storage can be on-premises or cloud-based (e.g., AWS, Google). This allows customers to select their storage and safeguard their existing investments. MediaEngine software bridges the gap between file and object storage and between on-premises and cloud operations.

Multiple Data Transfer APIs Supported

MediaEngine software can access, move, copy, and archive files and objects from primary storage or other sources via standard APIs. Supported APIs are CIFS/SMB and NFS for standard and purpose-built storage, an FTP interface for FTP servers, and Amazon S3-compatible APIs for Amazon S3-compliant storage (on-premises or in the cloud), including Spectra on-premises storage.

User-Friendly Web UI

The MediaEngine software user interface is designed to be simple and intuitive for administrators and end-users. Administrators can easily deploy and scale workflows to create efficiencies within their environment, while end-users can perform their tasks more efficiently and quickly without needing assistance from administrators.

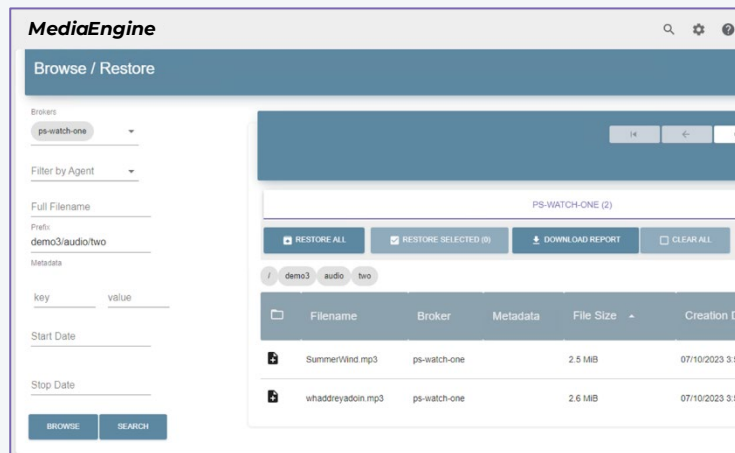


Rio WatchFolder

Configured Watch Folders

10 Rows - Showing 1 - 5 of 5

Folder Name	Path	Connection	Broker	Endpoint	Max Batch Size	Write Wa
index-media	E:\WatchFolders\index-clips	ps-rio	ps-watch-three	index-clips	10000	1 (ms)
ps-watch-one	\\10.85.41.38\Verde\SAS\WatchFolders\PS	ps-rio	ps-watch-one	ps-verde	10000	1 (ms)
watch-one	E:\WatchFolders\watch-one	ps-rio	ps-watch-one	watch-one	10000	1 (ms)
watch-three	E:\WatchFolders\watch-three	ps-rio	ps-watch-three	watch-three	36000000	
watch-two	E:\WatchFolders\watch-two	ps-rio	ps-watch-two	watch-two	10000	1 (ms)



Clustering & High Availability

MediaEngine software can operate as a single node or a cluster of nodes, providing greater performance for demanding environments. It will automatically pool and load balance the media transfer among its nodes. In the unlikely event of a node failure, MediaEngine software will automatically rebalance the load. In the event of a primary node failure, it will promote a working node to primary node status, ensuring resiliency and continuity of operations.

Partial File Recovery

MediaEngine software supports TimeFrame Partial File Restore as part of Rio Media Suite. MediaEngine creates an index of the media files independent of the application and moves it to the archive. Using TimeFrame, a user can quickly retrieve and utilize a portion of a large media file or a sequence based on its relevant time codes rather than the entire file.

Supports Glacier-Class Storage

In addition to standard and infrequent access to Spectra offers Amazon S3-compatible storage and on-premises glacier-class storage to those who desire the benefits of object-based storage but require faster access and lower costs. Furthermore, glacier-class storage on-premises gives customers control over their content, ransomware protection, and the ability to seed and deploy services on other cloud providers without incurring egress fees. MediaEngine software seamlessly supports and manages all classes of storage on-premises in conjunction with Amazon S3-compatible storage.

About Spectra Logic Corporation

Spectra Logic modernizes IT infrastructures to preserve, protect and defend data, from days to decades, whether on-premises, in a single cloud, across multiple clouds or in all locations at once. Our cost-effective solutions help organizations efficiently manage, migrate and store long-term data, from terabytes to exabytes, with features that make it ransomware resilient.