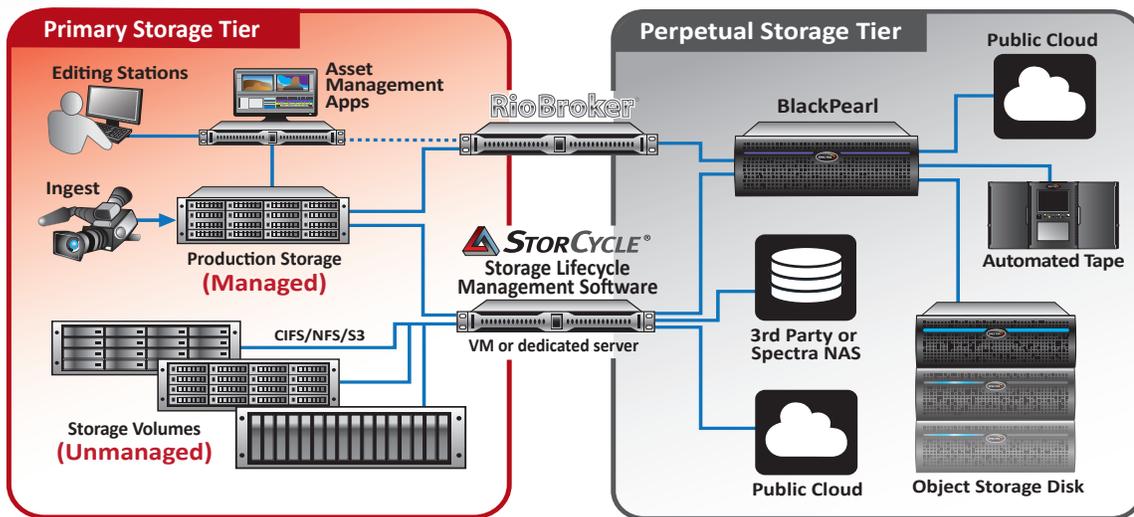# Storage Lifecycle Management for Media & Entertainment

Intelligent archiving and tagging for unmanaged assets

How do you deal with the sprawling data volumes that are NOT managed by an asset management application? Unmanaged assets can be Avid, Adobe, or other edit suites' finished projects. They can also be the originals, B-rolls, dailies, graphics, or just social and online media crowding your primary storage. Spectra StorCycle® identifies file attributes of unmanaged assets and moves less frequently accessed content to a lower cost storage tier. With StorCycle, organizations are able to implement an integrated perpetual storage tier for a solution that enables workflow automation in production environments.

Intelligent Archiving

• Make intelligent decisions about what to archive and when

Easily Tag for Search and Restore

• Tag and add metadata for quick search and restore

Optimize Your Investments in Storage

• Eliminate the arduous and time-consuming task of cleaning production volumes by automating migration of content to the appropriate tier of storage

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Identify

StorCycle is designed to scan and identify inactive files that should be migrated. File attributes are identified and used to help users decide what content can be safely migrated.

Migrate

StorCycle can easily copy or migrate any data to a less expensive storage based on user-defined parameters or scan results. Metadata tags can be added to enable searchability at a later date.

Preserve

StorCycle is the ultimate and most cost-effective way to protect and perpetually store all of a company's valuable assets utilizing encryption, integrity checks, checksums, and optional air gap protection.

Access

StorCycle provides seamless and transparent access to migrated assets. User-friendly search and retrieval of files is fast and easy using HTML (or symbolic links).

Unmanaged Assets

Unmanaged Assets reside outside of the domain of traditional asset management applications. In broadcast, examples of such assets are raw or original content, graphics, still images, etc. In post production, it can be any asset from raw content to finished projects, and anything in between. The storage capacity used by these unmanaged assets often grows at an astonishing rate, and is all stored on costly production storage. When production storage fills up, organizations cannot complete their work efficiently. StorCycle provides a solution to this problem.

Access Control and Permissions

Roles such as 'Administrator', 'Storage Manager' or 'Restore User' have a varying range of authorizations to configure all aspects of StorCycle, from mapping storage locations and setting up users, to creating jobs for scans and migrations, to basic search and file recovery. StorCycle is an Active Directory compliant solution and all original file access credentials for authenticated users remain enforced (intact) for migrated and/or copied files.

Open APIs

StorCycle offers an open set of RESTful APIs that applications can use to programmatically initiate scans, create jobs to copy, migrate, or restore. This brings not only visibility and insight to all unmanaged storage, but also automation to create greater efficiencies in storage and asset management and the relevant workflows.

Cloud Workflows

Use of the cloud is becoming more and more part of the storage and work-flow landscape. StorCycle supports movement of files to popular cloud platforms, be it for DR purposes or cloud-based workflows, such as transcoding and artificial intelligence (AI) tagging.

Non-Proprietary, Open Standards

StorCycle retains the original file formats, names and directory structures on storage targets. Therefore, end users (with valid credentials) can access files directly on storage targets, without the need for StorCycle. Files moved by StorCycle to tape storage are written in open LTFS format, ensuring accessibility of assets in the future.

Email Notifications

StorCycle can inform users and administrators with relevant notifications related to scans and restorations via a company's standard email systems.

Reliable, and Global (Linked Instances)

StorCycle can run on hyperconverged virtual machines to provide high-availability failover. And StorCycle includes a global search and restore function that allows searching for an asset no matter which node migrated it.
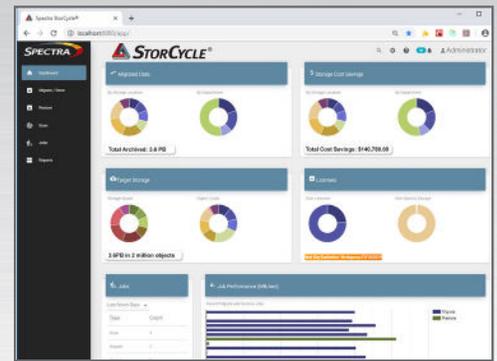
Scheduled Delete

StorCycle enables users to configure automatic deletions of data migrated/stored after it has been retained on a storage target for a preset period of time.

Optimized Transfer Performance

StorCycle intelligently packs small files (DPX, Audio, etc.) to maximize performance, while maintaining access to individual files. On large files or large transfers, Storcycle supports multi-part and multi-streams transfer to achieve reliable and maximum transfer rates. A single StorCycle node can migrate up to multiple gigabytes per second depending on network and server configuration.

StorCycle main dashboard

StorCycle dashboard cost savings example

StorCycle data scan analysis example
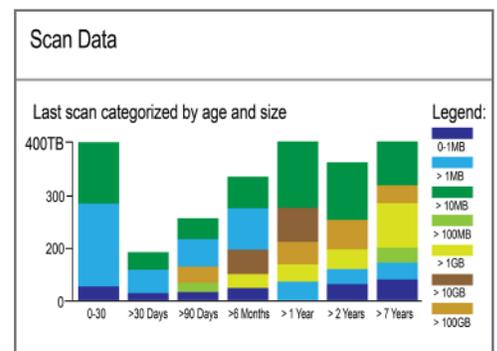
About Spectra Logic Corporation

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 over 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.

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