Managed Tiered Storage

Dynamic Workflow Solutions

EASY   **COST EFFECTIVE**   **SECURE**

Digital media and metadata assets come in various forms and have distinct lifecycle requirements. The cost of "managed storage" for video files, photos, audio files, documents, cell phone dumps, and forensic HDD snapshots can be prohibitive, especially for organizations with long-term retention needs. **Dynamic Workflow Solutions** offers intelligent tiered storage workflows that integrate media assets, metadata, user management DRM, search capabilities, and distribution tools into a single platform.

For media assets related to resolved incidents requiring long-term retention (10 years, 20 years, or indefinitely), cold storage is a cost-effective solution when managed by the right software, distinguishing it from common file storage. For ongoing legal processes and investigations, warm storage is ideal until the case is closed, at which point the software migrates the media and data to a more affordable long-term repository that remains fully functional. Configurable, software-managed tiered storage with a user-friendly interface is essential to address diverse storage, management, and retention needs.

The Hybrid solution supports all AWS S3 Tiers, including Glacier storage classes. It features Intelligent Tiering, designed to optimize storage costs by automatically moving data to the most cost-effective access tier that meets compliance and policy-driven retention requirements. Additionally, Hybrid supports Lifecycle

rules for all tiers, facilitating the archiving of legacy content, disks, old server storage, and even proprietary media and data from defunct vendors.

As disk formats (such as Blu-ray) reach the end of their lifecycle and physical media drives become obsolete, archiving presents a significant challenge across various industries. Open format archiving to tiered, managed storage is crucial when selecting a solution. A proprietary archive solution is counterintuitive because access to data or assets should be available in a standard open IT format, such as a SQL database, and managed media access should allow export to any source or location for backup.

Dynamic Workflow Solutions supports S3 Glacier storage classes, offering cost-effective solutions for storing long-term data that is infrequently accessed. The S3 Glacier storage classes include:

- Standard S3 Hot Storage
- Standard S3 Warm Storage
- S3 Glacier Instant Retrieval
- S3 Glacier Flexible Retrieval
- S3 Glacier Deep Archive

Managed archive solutions for tiered storage should be open, based on data access frequency and retrieval speed, and provide the same durability and resiliency as the S3 Standard storage class but at lower costs.
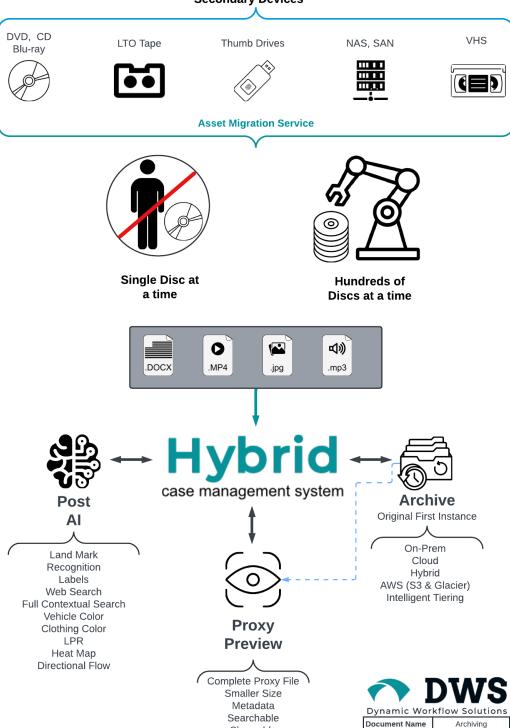
Archiving from Physical Media
powered by DWS

Secondary Devices

DVD, CD Blu-ray	LTO Tape	Thumb Drives	NAS, SAN	VHS

Asset Migration Service

Single Disc at a time

Hundreds of Discs at a time

.DOCX .MP4 .jpg .mp3

Hybrid
case management system

Post AI

Land Mark
Recognition
Labels
Web Search
Full Contextual Search
Vehicle Color
Clothing Color
LPR
Heat Map
Directional Flow

Archive
Original First Instance

On-Prem
Cloud
Hybrid
AWS (S3 & Glacier)
Intelligent Tiering

Proxy Preview

Complete Proxy File
Smaller Size
Metadata
Searchable
Shareable

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