ARCHIVING & MIGRATION
by
DYNAMIC WORKFLOW SOLUTIONS

SIMPLE ARCHIVING AND MIGRATION

UNSTRUCTURED DATA **STRUCTURED EVIDENCE**

Ingest Unstructured Data / Output Structured Evidence

Convert Proprietary Video | Maintain Original File Structure | AES-256 Encryption

SHA-256 Hash for every file | Complete audit trails and chain of custody

Support for Secondary Devices | VHS Tape | DVD/CD | LTO Tape | Thumb Drives | Raw Storage

Take unstructured evidence data, residing on secondary media, stored in your warehouses, deteriorating, and running the risk of getting destroyed in a natural disaster; and archive that to the preferred storage solution. By using **Data-Central (DC)**, not only is the archiving process simplified, but many other features are automatically performed as options to the preferred workflow.

Examples include but are not limited to:

- Proprietary video conversion
- SHA-256 hash creation for each file
- Original file structure maintenance
- Metadata applied to each file
- Metadata entered by a user
- Metadata entered automatically based on folder name, file name, or 3rd party SW integration

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Data-Central communicates with a DVD/CD publishing unit (by Rimage) in a bi-directional manner. **DC** not only burns encrypted **Case-Paks** to a disc, but it can be used to read discs. Users can stack hundreds of discs on a spindle and the robotic arm will grab a single disc, drop it in the reader, grab the folders/files and send it to **DC**. Once **DC** has the files, all of the configured workflows are performed and sent as a single structured **Case-Pak**, or as a submission to the existing DEMs to cold storage in the cloud or on-prem.

The same workflow supports VHS or LTO tapes. **Dynamic Workflow Solutions**, working with partners, can provide personnel onsite ("white glove service"). The personnel must pass a rigorous background check and comply with the customer's requirements. Once onsite, VCRs or LTO tape readers are provided. LTO tapes are processed in the same manner as discs. For VHS tapes, the VCR is connected to an encoder to digitize the file; and through the **DC** interface, the user adds basic metadata to the newly created digitized file for search, file management, and archiving on any IT platform.

Dynamic Workflow Solutions will also provide custom integration services to existing DEMs, CMS, RMS, amongst others.

KEY FEATURES

SECONDARY DEVICE SUPPORT
Support for DVD/CDs, VHS tapes, Thumb drives, LTO tapes, server/storage farms

UNSTRUCTURED DATA TO STRUCTURED DATA
Take unstructured data and turn it into a secure, hashed, verifiable structured asset

FOLDER STRUCTURE MAINTAINED
Forensic cell phone / HDD snapshots complex folder structures are maintained

CASE-PAK CREATION
All of the files/folders along with the metadata and complete DB are sent to an AES-256 encrypted Case-Pak for management as single files

VIDEO CONVERSION
Data-Central automatically converts 100's of formats of proprietary video files to a standard .mp4 file while maintaining an original "first instance" evidentiary copy

SPECIFICATIONS

SHA-256 HASH	SHA-2 hashing algorithm and chain of custody
AES-256 ENCRYPTION	AES-256 has a key length of 256 bits, and is practically unbreakable by brute force, based on current computing power
FLEXIBLE HARDWARE OPTIONS*	**Data-Central** is designed to run on workstations running Windows 10 or higher

*Rimage hardware required for ingestion or output of DVDs

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