



**LIGHTVAULT**

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## THE HISTORY

In the past, motion picture content owners and distributors stored their precious masters on film reels, and later videotape... this required a secure climate-controlled warehouse, which incurred a hefty annual cost.

As a result, many films and other content pieces were lost, either due to timely disintegration of film/magnetic tape, or storage facility catching fire, having a breach, or content owner company going out of business and thus the storage facility discarding of the content.

## THE MODERN SOLUTION

With the majority of the Media & Entertainment industry rapidly moving into fully digital motion picture production and delivery, today we finally have an opportunity to preserve our heritage for ages to come - in a digital (rather than physical) format.

There are several cloud storage or media asset management systems out there currently. None however are truly addressing the needs of content owners and distributors, with security, anti-piracy, and long-term preservation in mind.

Movies and TV series are being leaked online before their release date, master files and raw footage are being due to file corruption and absence of proper redundancy.



# WHAT IS LightVAULT?

LightVAULT is a digital vault service that securely stores Media & Entertainment intellectual property, with focus on security, accessibility, and long-term preservation.

## SECURE DIGITAL STORAGE OF ALL ASSETS RELATED TO A SPECIFIC PROPERTY.



FULL CATALOG  
MANAGEMENT



REDUNDANT  
BACKUP &  
ARCHIVAL



SECURE  
SCREENERS



SECURE FILE  
TRANSFER



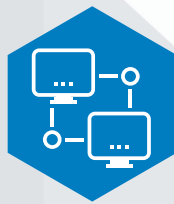
HIGHLY  
PRO-ACTIVE  
INFRINGEMENT  
MONITORING &  
REPORTING



LEAK  
PREVENTION  
AND DETECTION



QUALITY  
CONTROL



FORMAT  
CONVERSION,  
COMPLIANCE,  
RE-ENCODING



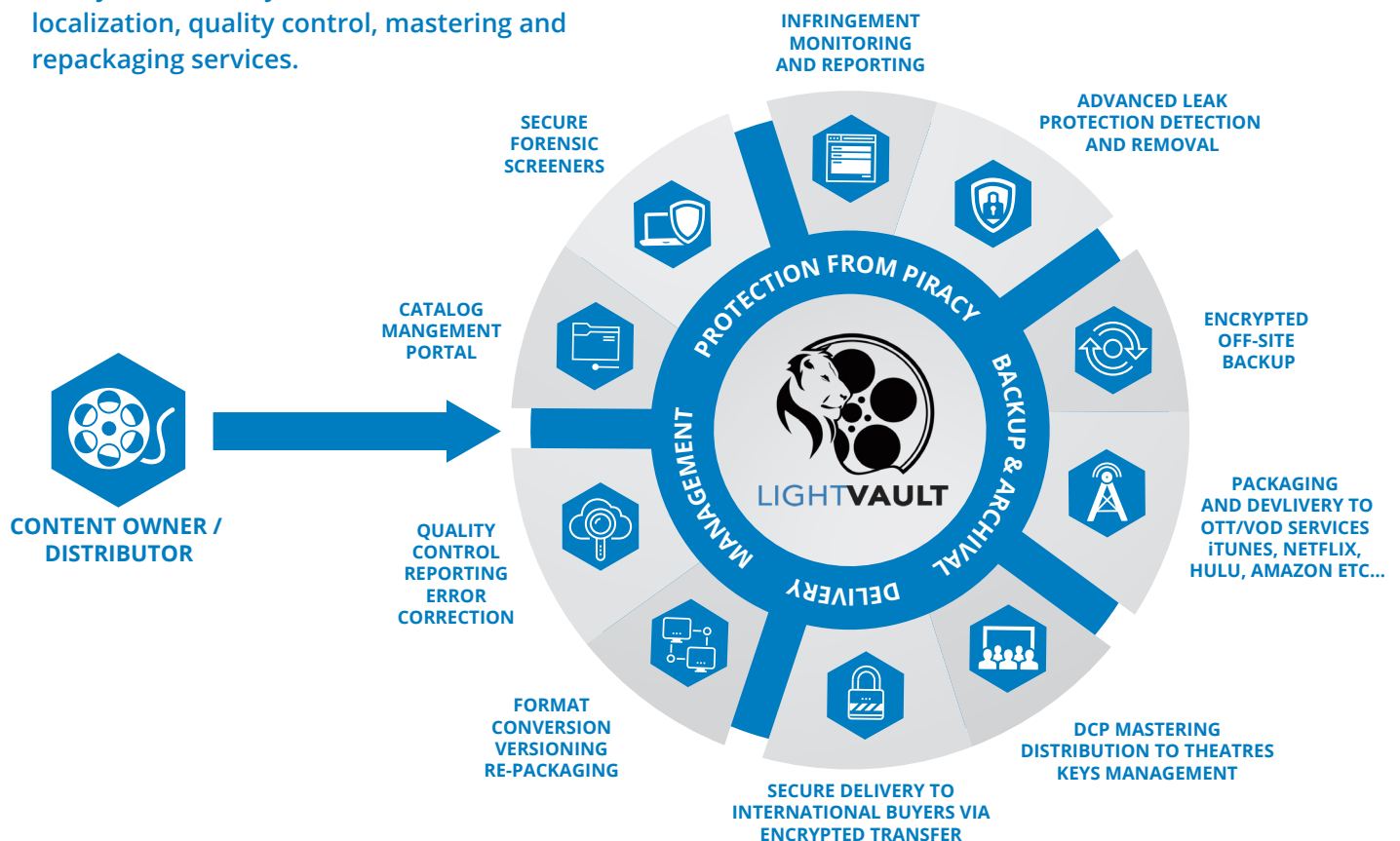
BROADCAST/  
VOD/OTT  
DELIVERY



DCP  
MASTERING  
& DELIVERY  
TO THEATRES  
WITH KEYS  
MANAGEMENT

# HOW DOES IT WORK?

- Each media title is allocated with (up to) 1TB of secure redundant storage.
- The types of files include anything and everything related to this property - master video deliverables, raw footage, multiple audio tracks, project files, legal documents, artwork, etc.
- Content owner has a portal login that allows to see the entire catalog of their titles with all related assets.
- LightVAULT.show secure screener portal allows content owner to send uniquely watermarked screeners to any recipient with an email. With a unique forensic ID that survives manipulation, recipients of the secure screeners are discouraged from unauthorized sharing of the content, thus drastically reducing the chance of a pre-release leak. If the content is leaked, our forensic team is able quickly detect the leak, and link the leaked content to the last registered recipient.
- LightVAULT can also manage the content delivery to any network/buyer in the world with conversion, localization, quality control, mastering and repackaging services.
- The online portal acts like your inventory library, however it is physically disconnected from the actual assets, to prevent any possibility of breach/ theft.
- The digital VAULT server itself is protected by a bank-grade firewall, practically offline, while there is also a AES256-encrypted backup stored on remote a remote server system with multiple failure redundancy. The encryption makes the files useless to any intruder even in the unlikely event of malicious intrusion.
- The content protected through multiple backup solutions. The encrypted data is stored on public cloud servers which can transfer the ownership in the event of company dissolution. An LTO backup is also stored in a bank-grade physical vault, which provides the ultimate physical backup even if Earth suffers from a catastrophic event like prolonged continent-wide power outage or global internet failure.



# CONTENT MANAGEMENT AND DELIVERY

While preservation and security is the core of LightVAULT service, we also provide complete post production and content deliverables services:

- Quality Control
- Issue correction - technical corrections, unwanted logo/branding removal, audio normalization, etc
- Standards Conversions
- Audio channels re-mapping
- Re-packaging with slates, distributor logos, titles, exiles elements, etc
- Conform to any broadcaster specifications, and delivery to broadcasters, either directly or through certified partners.
- Secure forensically-marked delivery to international distributors



## THE FEES

- The fees are designed on a per-title basis, paid annually.
- There is a initial ingest fee for new titles, which includes basic quality control check of the main video/audio master.
- No ingest fees are charged for the back catalog archival titles.
- Highly competitive "client-preferred" rates are offered on any encoding, localization, delivery or other conversion services.

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