DRMtoday

Globally trusted DRM licensing to quickly launch secure video streaming services

Why DRMtoday?

- Accelerate time to market by getting multi-DRM running quickly.
- Save costs versus managing DRM in-house by avoiding complex infrastructure and management.
- Seamlessly scales to match any demand as your service grows.
- Studio recognized to meet strict content owner security requirements.
- Easily enable monetization models including SVOD, TVOD, and AVOD.
- Securely reach your full audience across all screens: laptops, mobiles, tablets, TVs, STBs, game consoles, and browsers.

Additional resources

- Full feature list
- How it works
- FAQ
- castlabs.com

Product Overview

castLabs' DRMtoday is your digital rights management cloud service for securing video streams across all screens. Our powerful licensing solution greatly simplifies DRM to easily enable protect on-demand, live, and offline content playback.

Product Features

Easy multi-DRM access

All leading DRM systems ready to use for cross-device playback:

- Google Widevine, Apple FairPlay Streaming, Microsoft PlayReady, and Huawei WisePlay.
- Online management dashboard, including multi-tenancy for resellers or media groups to operate service brands.

Advanced content protection

DRMtoday offers a wide range of added features:

- Key rotation, hardware security enforcement, output protection control, device filtering, multi-key content support with security level filtering, and more.
- Geoblocking to authorize service only in desired locations.
- Concurrent stream limiting to enable 'limited device number' business models.
- Enable hybrid OTT and PayTV broadcasting with our Widevine CAS option.

Expert technical support

Backed by a team working with content delivery since 2007:

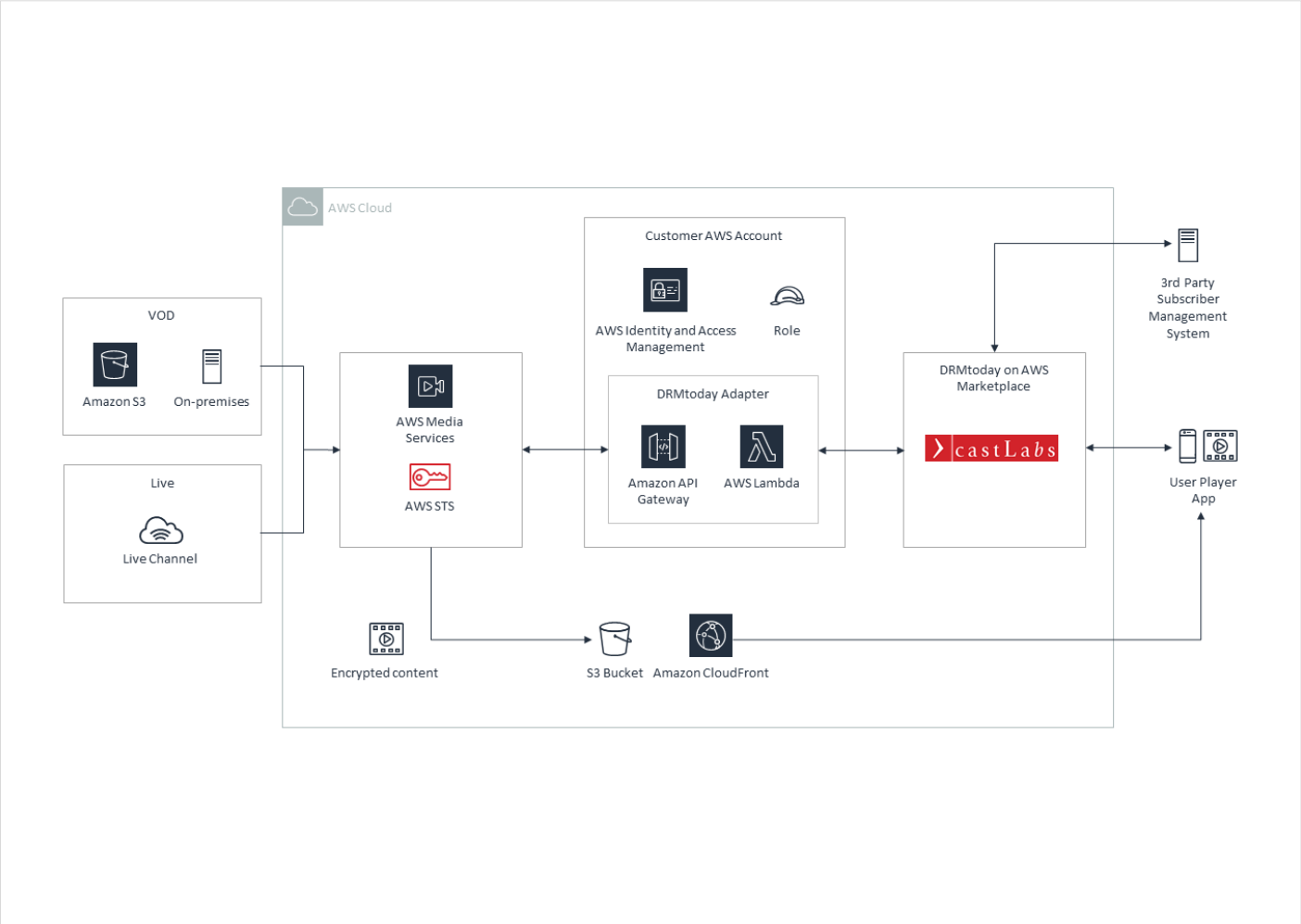
- End-to-end expertise including DRM, CAS, players, encoding, encryption, packaging, device certification, and watermarking.

How it works: Example SPEKE and AWS Marketplace workflow

During video processing, content is encoded, packaged, and encrypted using unique encryption keys securely fetched from DRMtoday with the assistance of SPEKE. To accomplish this, AWS first requires key service components to be located in a customer's account. We then provide an adapter as an AWS CloudFormation template, acting as a bridge between AWS and DRMtoday for rapid deployment, including:

- Amazon API Gateway for IAM authentication between AWS Media Services and our AWS Lambda adapter
- This calls AWS Lambda, which interfaces with DRMtoday's API to exchange encryption keys

Once keys are ingested into DRMtoday, the video is ready for secure streaming on any device - no matter which DRM system is supported.



Differentiators

- As a license delivery network, you gain peace of mind with worldwide high availability, low latency, and robust multi-region fault-tolerant redundancy.
- High-standard for security compliance: DRMtoday has undergone Cartesian's studio-trusted *Farncombe Security Audit*® with an extensive review of our service.
- Supports the Secure Packager and Encoder Key Exchange (SPEKE) specification which allows AWS Media Services users to easily take advantage of DRMtoday.
- Pre-integrated with castLabs' PRESTOplay player technology as well as other third-party playback solutions for fast deployment.

How castLabs implemented DRM licensing without disrupting existing VOD infrastructure

Challenge

Bonnier Broadcasting was challenged to manage several brand identities within one streaming service. castLabs provided a scalable global DRM solution to meet the demand for large live sporting events, while maintaining low latency and using current infrastructure

Solution

castLabs' flexible and global DRM solution offers a complete set of features, built on highly reliable AWS infrastructure, and a user-friendly interface, with support from a professional services team.

Benefits

- DRMtoday's dashboard has supported Bonnier Broadcasting with its functionality.
- castLabs utilizes servers near the customers to minimize key delivery time and low-latency licensing lets the audience enjoy content sooner.

> *We were looking for a multi-DRM solution with an excellent track record. DRMtoday was the best match to fulfill our requirements with smooth onboarding and integration, and great support.*
>
> **Håkan Åhman, Head of Operation, Bonnier Broadcasting**

BONNIER

About Bonnier Broadcasting

Bonnier Broadcasting is one of the Nordic region's biggest television companies and is leading the development of video content and digitalization of the television industry.

castLabs

About castLabs

castLabs make video delivery easy by removing barriers so you can concentrate on providing leading-quality movie, TV, and audio experiences for your customers. Our squad of dedicated developers have created a range of fresh monetization and secure playback technologies designed to navigate deployment challenges.

Product specifications

DRM systems	Widevine	FairPlay Streaming	PlayReady	WisePlay
Secure streaming formats enabled	MPEG-DASH	HLS	Smooth Streaming	CMAF
Available features and benefits	Key rotation	Multi-key	Output protection with HDCP enforcement	Geoblocking
	CPIX support	Customizable entitlement management	Simple API integration	24/7 incidence support
SPEKE support	AWS Elemental MediaConvert	AWS Elemental MediaPackage	AWS Elemental Live	AWS Elemental Delta

Solution available in AWS Marketplace