JWPLAYER

Studio DRM Standalone[1]

The multi-DRM solution of choice by top broadcasters, sports, OTT platforms and premium rights content holders. Easily integrated, studio approved, and scalable DRM.

JW Player's Studio DRM (formerly VUDRM) is the world's leading DRM provider. As the first in the industry to implement multi-DRM and multiABR with PlayReady, we are experts in this field. We pride ourselves on delivering intelligent DRM solutions in a simplified way.

MULTI VENDOR STUDIO APPROVED DRM
Studio DRM supports Google Widevine, FairPlay Streaming, Microsoft PlayReady, AES, and Common Encryption (CENC & CBCS)

ADVANCED CONTENT SECURITY
Studio DRM provides hosted software to allow DRM keys to be generated (Key Provider API) and a Token generation API that allows a unique token to be generated that is sent by the player to the license servers along with the content URL.

LATENCY & RESILIENCE
Studio DRM uses a multi-region infrastructure, spread globally across 7 clusters, to help get your content to the viewer as fast as possible.

CLIENT MANAGEMENT CONSOLE
A browser based JW Dashboard to provide DRM usage statistics.

SUPPORTS OFFLINE VIEWING PROTECTION
Offline playback using persistent license sessions offers solutions for offline viewing using download in mobile devices, or wireless on-board entertainment scenarios.

COMMON API
Our RESTful API is straightforward to integrate. Use a single workflow to deliver to multiple devices.

24/7 MONITORING
JW Player's in-house NOC team monitors the Studio DRM platform to tackle any potential issues as they happen, ensuring stable, consistent, high quality streaming.

FLEXIBLE GEO LOCATION RESTRICTION
Studio DRM tokens will give support for a new setting to allow VPN and TOR network restrictions. If set, and the IP address of the end user is found to be using a known VPN or TOR network, then the license request will automatically be rejected.

MULTI PLAYER INTEGRATION
Studio DRM is integrated with JW Player, dash.js, Shaka, with SDKs for iOS, tvOS and Android, and STB support.[2]

SCALABLE & RESILIENT INFRASTRUCTURE
Our highly scalable infrastructure uses Kubernetes' container orchestration system on AWS in a multi region setup, providing increased monitoring, scalability, high availability, and fault tolerance.

DYNAMIC BUSINESS LOGIC
Supports different business models including Live, offline playback, SVOD, TVOD and AVOD. Dynamic business logic support allows you to use different policies for the same single piece of content.

[1]Studio DRM "Standalone" is a DRM solution that does not use JW Player's platform for VOD encoding, streaming, and packaging of media. Can be used with JW Broadcast Live or another live streaming solution.
[2]And most other commercial players

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MULTI-VENDOR DRM

Google Widevine

FairPlay Streaming

Microsoft PlayReady

AES-128 in HLS

Support for CENC, CPIX encryption methods

CBCS+CTR encryption method

AWS SPEKE API[3]

PLAYER INTEGRATIONS

JW Web Player

JW Native SDKs

DASH.js

Shaka

AVPlayer

Exoplayer

BROWSER AND OS SUPPORT

All major browsers and operating systems

Browser based Mobile DRM (iOS+Android)

Native iOS & Android Apps (via Studio DRM SDKs)

STREAMING SERVER/PACKAGER INTEGRATIONS

Unified Streaming Origin

Wowza Streaming Engine

Edgeware Stream Builder

Anevia Live and VOD Packager

MP4Box, Bento, Shaka Packager

ENCODER INTEGRATIONS

Media Excel

AWS Elemental Hardware Appliances

AWS Media Live (via SPEKE API)

Harmonic

Any CPIX ready encoders

OTHER 3RD PARTY PLUGINS

Set Top Boxes (Supporting OEM DRM)

HEALTH & MONITORING

Status page

License usage statistics

API

RESTful API and SDKs

HIGH AVAILABILITY

Self-healing architecture,
high availability (99.99%)

Highly scalable container-based platform,
pre-scaled to handle traffic burst

Multi-region AWS cloud server infrastructure

Built-in redundancy

8 Global PoP's

Actively monitored by 24/7 NOC, collocated
with the DRM development team

AUTHORIZATION OPTIONS

Geo-blocking

HDCP level enforcement

SUPPORTED FORMATS

HLS, DASH, MSS

Multi-device support
(web, mobile, casting, Set-Top-Box (STB))

ADVANCED CONTENT SECURITY

JW Studio DRM token generation

Key generation

Key rotation[4]

GEO-IP restriction

Multikey

Offline DRM (for mobile apps)

[4]HLS only