



# VU DRM

## DRM CONTENT PROTECTION MADE EASY

The most trusted Multi-DRM content protection for broadcasters, sports OTT platforms and premium rights content holders. Easily integrated, studio approved, and scalable DRM.

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## THE CHOSEN MULTI-DRM CONTENT PROTECTION FOR BROADCASTERS, SPORTS, OTT PLATFORMS AND PREMIUM RIGHTS CONTENT HOLDERS. EASILY INTEGRATED, STUDIO APPROVED, AND SCALABLE DRM.

VUALTO are the world's leading DRM provider. As the first in the industry to implement multi-DRM and multi-ABR 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

VU DRM supports Google Widevine, FairPlay Streaming, Microsoft PlayReady, AES, and Common Encryption (CENC & CBCS)

### ADVANCED CONTENT SECURITY

VU 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 licence servers along with the content URL.

### LATENCY & RESILIENCE

VU 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 VU DRM Administration system to provide a full range of DRM usage statistics and metrics.

### SUPPORTS OFFLINE VIEWING PROTECTION

Offline playback using persistent licence sessions offers solutions for offline viewing using download, 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

VUALTO's in-house NOC team monitors the VU DRM platform to tackle any potential issues as they happen, ensuring stable, consistent, high-quality streaming.

### FLEXIBLE GEO LOCATION RESTRICTION

VU 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

VU DRM is integrated with JW Player, THEOplayer, Bitmovin, Radiant, dash.js, Shaka, with SDKs for iOS, tvOS and Android, and STB support.

### SCALABLE & RESILIENT INFRASTRUCTURE

Our highly scalable infrastructure uses Kubernetes' container orchestration system on AWS in a multi-region set up, 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.

<b>Multi-vendor DRM</b>	<ul style="list-style-type: none"> <li>▪ Google Widevine.</li> <li>▪ FairPlay Streaming.</li> <li>▪ Microsoft PlayReady.</li> <li>▪ AES.</li> <li>▪ Support for CENC, CPIX, AWS SPEKE API CBCS+CTR Encryption Methods.</li> </ul>
<b>Streaming Server/Package Integrations</b>	<ul style="list-style-type: none"> <li>▪ Unified Streaming Origin</li> <li>▪ Wowza Streaming Engine</li> <li>▪ Edgware Stream Builder</li> <li>▪ Anevia Live and VOD Packager</li> <li>▪ MP4Box, Bento, Shaka Packager</li> </ul>
<b>Player Integrations</b>	<ul style="list-style-type: none"> <li>▪ Players (DASH.js, Shaka, JWPlayer, THEOplayer, Bitmovin, Radiant)</li> </ul>
<b>Encoder Integrations</b>	<ul style="list-style-type: none"> <li>▪ Media Excel</li> <li>▪ AWS Elemental Hardware Appliances</li> <li>▪ AWS Media Live (via SPEKE API)</li> <li>▪ Harmonic</li> <li>▪ Bitmovin (Live and VOD)</li> <li>▪ Any CPIX ready encoders</li> </ul>
<b>Other 3<sup>rd</sup> Party Plugins</b>	<ul style="list-style-type: none"> <li>▪ Set Top Boxes (Supporting OEM DRM)</li> <li>▪ JWPlayer Platform</li> <li>▪ Comcast (MPX)</li> </ul>
<b>Browser and OS Support</b>	<ul style="list-style-type: none"> <li>▪ Supports all major browsers and operating systems.</li> <li>▪ Support for Browser based Mobile DRM (iOS+Adndroid)</li> <li>▪ Support for iOS and Android Apps (via VUDRM SDK)</li> </ul>
<b>Health &amp; Monitoring</b>	<ul style="list-style-type: none"> <li>▪ System logs</li> <li>▪ Status Page</li> <li>▪ Analytics</li> </ul>
<b>API</b>	<ul style="list-style-type: none"> <li>▪ RESTful API and SDKs.</li> </ul>
<b>Supported formats</b>	<ul style="list-style-type: none"> <li>▪ HLS, DASH, CMAF, MSS</li> <li>▪ Multi-device support (web, mobile, casting, STB).</li> </ul>
<b>Admin GUI &amp; Dashboard</b>	<ul style="list-style-type: none"> <li>▪ Intuitive web interface.</li> <li>▪ License Statistics per DRM</li> <li>▪ System Health Status for all Global PoPs</li> <li>▪ Access to full Kibana Dashboard for extended stats (User Agent String, Token Details, License Errors)</li> </ul>
<b>High availability</b>	<ul style="list-style-type: none"> <li>▪ Self-healing architecture, high availability (99.99%).</li> <li>▪ Highly scalable container-based platform, pre-scaled to handle traffic burst.</li> <li>▪ Multi-region AWS cloud server infrastructure.</li> <li>▪ Built-in redundancy.</li> <li>▪ 8 Global PoP's</li> <li>▪ Actively monitored by VUALTO's 24/7 NOC, collocated with the DRM development team.</li> </ul>
<b>Advanced content security</b>	<ul style="list-style-type: none"> <li>▪ User ID authentication per playback per licence request.</li> <li>▪ VUDRM token generation.</li> <li>▪ Key generation.</li> <li>▪ Key rotation.</li> <li>▪ GEO-IP restriction.</li> </ul>
<b>Authorisation options</b>	<ul style="list-style-type: none"> <li>▪ Geo-blocking.</li> <li>▪ HDCP Level enforcement.</li> </ul>