

## Digital Rights Management (DRM)

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### About

DRM offers another layer of content protection, by adding a license policy to the content encryption.

By adding a license, content owners can make sure that only authorized users can have access to decryption keys – and can tie their content to their business modules and protection policies.

The Kaltura uDRM module is fully integrated with Kaltura business modules definitions, making it possible for content owners to define complex business scenarios – supporting AVOD, TVOD and SVOD configurations.

Kaltura offers a full multi DRM solution – supporting all major DRM schemas including

- Microsoft PlayReady
- Google Widevine
- Apple Fairplay

By supporting all DRM schemas – content owners can ensure their content is fully DRM protected across all devices, browsers and OS, as Kaltura delivers the most natively supported and security enhanced schema on playback – utilizing the Kaltura on the fly packager. This also ensures a minimal storage foot-print, by enabling the content owners to store only the original transcoded renditions – instead of pre encrypted renditions for all DRM schemas.

DRM protection is usually required when using premium content on a monetized service and is usually a content owner/studio requirement.

The Kaltura uDRM module is integrated with the Kaltura player and the Kaltura on the fly packager, to offer a complete, easy to setup DRM eco system. In addition, since the uDRM module is API-driven – it is easily integrated with external video head ends and players is needed.

### Supported Desktop Browsers for DRM

Browser	Delivery Format	DRM
IE < 11	Smooth Stream	PlayReady
IE >= 11, Edge	Dash	PlayReady
Chrome	Dash	Widevine
Safari	HLS	Fairplay
Firefox	Smooth Stream	PlayReady
	Dash	Widevine

## Mobile Device Support for DRM

Mobile Device/OS	Delivery Format	DRM
Android 4.1	WVM	Widevine Classic
Android >= 4.2	Dash	Widevine Modular
iOS	HLS	Fairplay

## Connected Devices Support for DRM

Note: \* marks devices that Kaltura player SDK and DRM plugin do not support. Support is in the form of uDRM licensing API with integration to external players.

Device	Delivery Type	DRM
Chromecast	Dash	Widevine
	Dash	PlayReady
XBox*	Smooth Stream	PlayReady
AppleTV*	HLS	Fairplay
GoogleTV*	WVM	Widevine Classic
	Smooth Stream	PlayReady
FireTV*	Smooth Stream	PlayReady
SmartTV Alliance (LG, Phillips, Panasonic, Toshiba)*	Smooth Stream	PlayReady
	WVM	Widevine Classic
Samsung TV*	Smooth Stream	PlayReady
	WVM	Widevine Classic
HBBTV (1.5+)*	DVB Dash	PlayReady