



About THEOplayer

THEOplayer makes it easy to deploy premium video playback experiences cross-platform. We help the world's leading media & entertainment companies save time and money by delivering premium viewer experiences efficiently and on any device.



Save time and money delivering premium video experiences cross-platform

It Simply Works

Ensure high-quality playback across platforms through rigorous cross-platform testing and optimization.

Seamless Integration

Leverage open-source connectors with major DRM, ad, and analytics solutions.

Streamlined Development

Benefit from extensive support for React Native and Flutter, alongside robust documentation.



Boost revenue by reaching and monetizing more devices and platforms

Expanded Platform Reach

Access more platforms, including older smart TVs, to engage new audiences.

Seamless Ad Experiences

Provide smooth ad transitions, even between DRM-protected content and clear ads, to enhance CPM rates.



Focus on your core business while we handle video playback

Streamlined UI Development

Easily design visually engaging video player UIs across platforms, enabling you to focus on brand differentiation.

Expert Support

Receive comprehensive advisory support from our experienced team, covering more than just the video player.

Active Maintenance

Rely on regular updates and maintenance to lower total cost of ownership and free up resources for strategic initiatives.

Technical Specifications

STREAMING

FORMATS

LL(HLS) / HLS (TS/CMAF)
 LL-(DASH) / MPEG-DASH (fMP4 / CMAF-CTE)
 HESP
 Progressive Download (MP4)

USE CASES

Live
 Low latency live
 DVR / Timeshift
 VOD
 Offline playback
 Fast channel switching
 Customizable ABR behaviour
 Multi codec support
 Multiple audio tracks
 Preview thumbnails
 Picture-in-Picture
 VR and 360

SUBTITLES & CLOSED CAPTIONS

CEA-608/708
 SRT
 TTML - EBU-TT-D
 TTML - DVB SUB
 TTML - IMSC
 TTML - IMSC image
 TTML - SMPTE-TT
 TTML - SMPTE-TT image
 WebVTT

METADATA

DASH event stream
 CMAF emsg box
 HLS ID3 metadata
 HLS EXT-X-DATERANGE
 HLS EXT-X-PROGRAM-DATE-TIME

INTEGRATIONS

Ateme	Microsoft Azure
AWS Elemental	Synamedia
Broadpeak	Unified Streaming
Edgecast	Wowza
Harmonic	Scalstrm

Open Video UI

Fully customizable open source UI

CASTING

Airplay
 Chromecast

ADVERTISING

FORMATS

Client-Side Ad Insertion (CSAI)
 - VAST
 - VMAP
 - VPAID
 - SIMID
 Server-Side Ad Insertion (SSAI)
 Server-Guided Ad Insertion (SGAI)

FEATURES

Ad pods
 Ad scheduling
 Ad skipping with preview picture
 Companion ads
 Overlays & banners
 Pre / mid / post-rolls

INTEGRATIONS

FreeWheel (CSAI)
 Google Ad Manager/DAI (SSAI, SGAI)
 Google Ad Manager/IIMA (CSAI)
 AWS MediaTailor (SSAI)
 SpotX (CSAI)
 Yospace (SSAI)

DRM

FORMATS

Clearkey (CENC)
 FairPlay
 PlayReady
 Static AES-128
 Widevine

INTEGRATIONS

Axinom
 BuyDRM
 Comcast
 castLabs DRMtoday
 Edgio Studio DRM
 EZDRM
 Irdeto Control
 Verimatrix Streamkeeper Multi-DRM
 JWPlayer Studio DRM

ANALYTICS

INTEGRATIONS

Adobe Analytics	MOAT
Agama	Mux
Comscore	Nielsen
Conviva	Tealium
Wicket Labs	
MediaMelon SmartSight	
Youbora - Nice People At Work	

ADVANCED APIS

Controllable SDK size
 Easy versioning - NPM / Maven / Cocoapods
 Modular (API-based) development

THEOPLAYER SDKs

HTML5 / TIZEN / WEBOS SDK

Web & Mobile Web	HbbTV
Chromecast Receiver	Hisense (Vidaa U)
Tizen	Xbox
webOS	PlayStation
RDK	Vizio

ANDROID / FIRE TV SDK

Android	FireTV
Android TV	AOSP

IOS / TVOS SDK

iOS	tvOS
iPadOS	

ROKU SDK

Roku TV

REACT NATIVE SDK

Web & Mobile Web	webOS
XBOX	tvOS
iOS	Android
iPadOS	Android TV
RDK	Fire TV
Vizio	Tizen
Chromecast	Hisense

FLUTTER SDK

Web & Mobile Web	RDK*
iOS	Vizio*
iPadOS	XBOX*
Android	Tizen*
Android TV	Hisense*
Fire TV	HbbTV*
webOS*	PlayStation*

*These platforms will be supported soon