

Deliver flawless playback, everywhere on every device

Up to **90% lower** dev and maintenance costs and **36 months saved** across deployment and upkeep.

The Bitmovin Player powers seamless video delivery across more platforms than any other player, with an advanced feature set to optimize performance, streamline development, and reduce operational complexity, giving your users the best viewing experience.

Bitmovin's Player across every use case, including:

 <p>Launch cross-platform apps with consistent playback on all devices</p>	 <p>Stream premium content globally in the highest quality</p>	 <p>Monetize streams through flexible ad workflows</p>	 <p>Test playback performance across real devices and networks</p>
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Achieve every workflow with the latest features:

-  Multiview playback for sports, events, and multi-angle viewing
-  LL-ABR (Low-Latency Adaptive Bitrate) for broadcast-level latency with OTT flexibility
-  Built-in monetization support for SSAI, CSAI, and SGAI-enabled workflows
-  Unified SDKs and APIs to speed up development and reduce fragmentation
-  Accessibility features include multi-language support and subtitles
-  Stream Lab integration for automated, real-device playback testing
-  Fast startup and lightweight footprint to improve viewer experience
-  Native integration with Bitmovin's Analytics for real-time playback insights



Start your trial today

Player features & capabilities overview

DEVICE SDKS

Supported Devices

Desktop: Mac, Windows & Chromebook
iPhone, iPad, Apple TV, Vision Pro
Apple AirPlay compatible devices
Android Phone, Tablet & Android TV
Android OS based Smart TVs
Android Set Top Boxes
Chromecast
Amazon Fire Tablet & Fire TV (Vega OS)
Roku
Sony PlayStation 5
Sony PlayStation 4
Samsung TV (Tizen 2017+)
LG TV (webOS 2017+)
Comcast X1
RDK devices
HbbTV (2.0.3+)
Panasonic (2018+)
Vizio (2020+)
Hisense (2018+)
Samsung TV (Tizen 2016)
LG TV (webOS 2016)
TiVo OS
HarmonyOS
Microsoft Surface, Xbox One Series

BROWSER SDKS

Chrome
Edge
Firefox
Opera
Safari

CROSS-PLATFORM SDKS

React Native SDK
Flutter SDK

WORKFLOWS & PROTOCOLS

Video on Demand

HLS
MPEG-DASH
HSS
Live
Low Latency HLS (CMAF)
Low Latency DASH (CMAF)

FUNCTIONS & QUALITIES

Adaptive Bitrate (ABR)
Multi-Language Audio
Offline Playback
Playlists
Live DVR
Real-Data Timestamps
Picture in Picture
Frame Accurate Seeking
4K / 8K / 360 / VR

SUBTITLES & CLOSED CAPTIONS

WebVTT
SRT
TTML/DFXP
CEA-608/708
Multi-Language CC

CONTENT PROTECTION

Widevine
Fairplay
Playready
AES-128 / Clearkey
Offline DRM
Client-side Watermarking
Key Rotation
Token Authentication

STREAM & DEVICE TESTING

Bitmovin StreamLab
(Client Facing Testing Feature)

METADATA

ID3 Tags
EMSG Box
CUE Tags
EventStream (MPD Events)
DATERANGE Tags
Program Date Time

ADVERTISING CAPABILITIES

Server-Side Ad Insertion (SSAI)
Client-Side Ad Insertion (CSAI)
Server-Guided Ad Insertion (SGAI)
VAST 3.0 / 4.0 / 4.1
VMAP + Ad Scheduling & Targeting
VPAID 2.0
Open Measurement & OM SDK
Ad Scheduling + Targeting
Ad Waterfall
Ad Pods (Pre-Roll, Mid-Roll, Post-Roll)
Companion Ads
Overlay Ads on Web
Skippable Ads
Ad Macros (Configurable)
Prefetch VAST/VMAP Tag
Ad Verification + Ad Viewability

OTHER PLAYBACK FEATURES

Multi-view Playback
Preview Thumbnails
Trickplay (Fast-Forward and Rewind)
Variable Playback Speed
Configurable Video Quality Settings
Audio Only Player
Network APIs
Manifest Read APIs
Buffer Management APIs
Preload Ad and Video APIs
Custom UI Skinning
SharePlay

Integrations & partners

DIRECT INTEGRATIONS

Bitmovin Encoding
Bitmovin Analytics
Bitmovin AI Scene Analysis

DRM PARTNERS

Irdeto
Nagra
BuyDRM (KeyOS certified)
Verimatrix
EZDRM
ExpressPlay
Axinom
+ More

ADVERTISING PARTNERS

CSAI, SSAI & SGAI: Google Ad Manager & IMA
SSAI & SGAI: Yospace
SSAI & SGAI: Elemental Media Tailor
SSAI: MediaKind Prisma
SSAI & SGAI: AIP
SSAI: Broadpeak SmartLib
CSAI: Freewheel (VAST)
CSAI: SpotX (VAST)

PEER TO PEER INTEGRATIONS

Streamroot/Lumen
Peer5
Akamai Media Accelerator

CDN

Akamai
Fastly
AWS
+ More

ANALYTICS PARTNERS

Conviva
Akamai Analytics
Mux
Nielsen
Youbora Analytics (NPAW)
+ More

Start your
trial today



Playback



VOD Encoder



Live Encoder



AI Scene Analysis

www.bitmovin.com