≫ BITMOVIN

APIs to encode, play & analyze video

Our industry-leading player enables you to deliver stunning quality video to your viewers, on the largest number of streaming devices in the market today. The player is flexible and easy to deploy, utilizing built-in SVOD, AVOD, and live features, ensuring the best viewing experience.

HIGH QUALITY

Bitmovin's Player has been built to deliver a flawless viewing experience on any device by supporting the most devices and platforms on the market, helping you win new subscribers and protect against churn.

You can submit your streams for automated testing with our new Bitmovin Stream Lab, built to guarantee quality of experience across any screen. Streams are tested on actual devices in real streaming environments.

Plus, the player is pre-integrated with Bitmovin's analytics solution. Your team will be able to take action fast by monitoring the viewer experience with clear insights into error reporting and overall stream performance.

EASE OF USE

When integrating the Bitmovin Player you gain access to unified SDKs and APIs, which reduce time-to-market and total cost of ownership by over 25%.

With over 200 customizable features and partner integrations, such as pre-built ad capabilities and DRM, we are constantly improving our player to facilitate any workflow, use case, and monetization model.

Regular releases with easy-to-use tutorials allow your developers to bring new features to market faster and keep your projects on track.

ALWAYS INNOVATIVE

The modular architecture of the player efficiently enables you to deploy the pieces that matter to your use case and device application, which directly lowers costs and reduces player and video load times by up to 40%.

Bitmovin's patent-pending LL ABR is a proprietary algorithm that identifies the highest bitrate available on each instance and adapts the stream to deliver a superior viewing experience with broadcast-like latency.

Additionally, we have created the first solution dedicated to guaranteeing quality playback by grouping our Player, Stream Lab, and Analytics technologies.

> **"Bitmovin gives us greater control over the player than any other player in the market. We were able to get our implementation to production with markedly better experience than our previous player."**
>
> — Sung Ho Choi, Co-founder, Fubo TV

Support and community matters - plans tailored to your business and workflow

Bitmovin helps guide developers through integration, launch, upgrades, and optimizations. Starting with easy-to-use products, documentation, and a global community. Our team of video experts provides a range of options to meet your exact needs, from starter packages to enterprise plans with dedicated account management, including feature implementation & 24/7 Slack support and special event monitoring.

Player features & capabilities overview

DEVICES

Officially Supported

PC: Mac, Windows & Chromebook

iPhone, iPad, Apple TV

Apple AirPlay compatible devices

Android Phone, Tablet & Android TV

Android OS based Smart TVs

Chromecast

Amazon Fire Tablet & Fire TV

Roku

Sony PlayStation 5

Microsoft Surface, Xbox One

Samsung TV (Tizen 2016+)

LG TV (webOS 2016+)

Hisense (2018+)

Compatible Devices

Sky Q Box

HbbTV (2.0.1+)

Panasonic (2018+)

Vizio (2020+)

BROWSERS

Chrome

Edge

Firefox

Opera

Safari

Internet Explorer 11 on Windows 8.1+

SUBTITLES & CLOSED CAPTIONS

WebVTT

SRT

TTML/DFXP

CEA-608/708

Multi-Language CC

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

React Native SDK

Playlists

Live DVR

Real-Data Timestamps

Picture in Picture

Frame Accurate Seeking

4K / 8K / 360 / VR

STREAM & DEVICE TESTING

Bitmovin Stream Lab
(Client Facing Testing Feature)

CONTENT PROTECTION

Widevine

Fairplay

Playready

AES-128 / Clearkey

Offline DRM

Client-side Watermarking

Key Rotation

Token Authentication

METADATA

ID3 Tags

EMSG Box

CUE Tags

EventStream (MPD Events)

Program Date Time

ADVERTISING CAPABILITIES

Server-Side Ad Insertion (SSAI)

Client-Side Ad Insertion (CSAI)

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

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

Integrations and partners

DIRECT INTEGRATIONS

Bitmovin Encoding

Bitmovin Analytics

DRM PARTNERS

Irdeto

Nagra

BuyDRM (KeyOS certified)

Verimatrix

EZDRM

ExpressPlay

Axinom

+ More

ADVERTISING PARTNERS

SSAI: Google IMA DAI

SSAI: Yospace

SSAI: Elemental Media Tailor

SSAI: Envivio

CSAI: Google IMA

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 Encoding   ▣ Live Encoding   ☁ Streams   **www.bitmovin.com**