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.

<table>
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<th>High Quality</th>
<th>Ease of Use</th>
<th>Always Innovative</th>
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<td>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.</td>
<td>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.</td>
<td>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.</td>
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<td>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.</td>
<td>Regular releases with easy-to-use tutorials allow your developers to bring new features to market faster and keep your projects on track.</td>
<td></td>
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</table>

“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

### 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

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Start your trial today

www.bitmovin.com