

EdTech & eLearning

Enabling platforms to stream on-demand and live content flawlessly to learners at home and on the go with a seamless out-of-the-box solution.

One solution that enables you to upload and host video or connect your live input, encode content, stream globally on any device and analyze your user's experience with in-depth analytics.

Bitmovin's dashboard UI and easy-to-use APIs that can be used to control the entire streaming workflow from Hosting, Encoding, Video Player, CDN, and Analytics empower EdTech and eLearning platforms to deliver the highest quality of experience to audiences globally. Rapidly deploy on and support the most devices types and platforms in the industry and deliver remarkable quality even in limited bandwidth environments. With our out-of-the-box solution, we can provide the full workflow and also integrate into any existing video process.

Key benefits Bitmovin enables:



Guarantee quality of the learner experience

Ensure learners view content with the highest quality of experience anywhere in the world through adaptive bitrate (ABR) streaming, offline playback, and our modular player that reduces load time on app by up to 40%.



Support any major device and platform

Reach more learners with Bitmovin's Player, which helps you deploy on the most devices in the industry and improve your playback on the platforms you already offer.



Easily Integrate & customize features

With an easy to use & well-documented API library, Bitmovin's technology integrates easily into existing solutions and can be customized to your workflow needs.



Rapidly encode content & scale streams

Make content libraries available quickly through our chunk-based cloud encoding and packaging, enabling you to stream and engage with audiences on any device anywhere in the world.



Reduce cost of eLearning workflows

Platforms that own/provide content libraries, can save up to 60% in costs related to storage and CDN while delivering a better quality video to users at lower bitrates with our Per-title and 3-pass encoding.



Secure content and ensure playback

Encrypt your stream or implement a multi-DRM with Bitmovin's Player that utilizes integrated content protection partners to help keep video secure.

End-to-End Streaming Workflow



Source
(Live and VOD)



Encode/Transcode
& Package





CDN



Player

STREAM ANALYTICS

Start your
trial today

Our suite of solutions:  Encoding  Player  Analytics

www.bitmovin.com

Player features and capabilities

DEVICES SUPPORTED

PC: Mac, Windows & Chromebook
iPhone, iPad, Apple TV
Chromecast & Apple AirPlay
Android Phone, Tablet & Android TV
Amazon Fire Tablet & Fire TV
Smart TVs - Samsung, LG, Hisense
Microsoft Surface, Xbox One

BROWSERS

Chrome, Firefox, Opera, Safari, Edge & IE 11

STREAM & DEVICE TESTING

Bitmovin StreamLab
(Client Facing Testing Feature)

WORKFLOWS & PROTOCOLS

Video on Demand

HLS, MPEG-DASH, HSS

Live

Low Latency HLS (CMAF)
Low Latency DASH (CMAF)

ADDITIONAL FEATURES

Adaptive Bitrate (ABR)
Multi-Language Audio
Offline Playback
Variable Speed Playback & Trickplay
4K / 8K / 360 / VR
Subtitles & Closed Captions
Multi-DRM Support
Advertising Integrations
Customizable Player UI

Encoding - VOD & Live features and capabilities

INPUT FORMATS

VOD: MP4, MOV + More
Live: RTMP, SRT, Zixi + More

INPUT CODECS

File Codecs: H.261 - H.265, VP7-9 + More
Audio Codecs: AAC, MP3, Dolby Atmos + More

OUTPUT VIDEO & AUDIO

Video Codecs: H.264 & H.265, VP8-9, AV1, + More
Audio Codecs: AAC-LC, MP3, + More

OUTPUT PROTOCOLS

HLS
MPEG-DASH
HSS (VOD Only)
Progressive MP4 (VOD Only)

DRM & ENCRYPTION

Major Multi-DRM Support
AES-128 Encryption

SUPPORTED STORAGE

Live & VOD

AWS S3
Google Cloud Storage
Generic Object Storage
Akamai MSL4 Support & NS

VOD only

Azure Blob
FTP
SFTP
Aspera

BITMOVIN CLOUD SUPPORT

Amazon Web Services
Google Cloud Platform
Microsoft Azure

ADDITIONAL FEATURES

Closed Caption and Subtitles
HDR (VOD Only)
Content-aware encoding (Per-title)
(VOD only)
Dolby Vision/Atmos/Digital(+)
Content Security Features
(e.g. forensic watermarking)

Analytics features and capabilities

STREAM METRICS

Audience: Impressions, Unique Users + More
Performance: Start Up, Load & Seek Time + More
Quality: Bitrate, Scale Factor, View Time + More
Debugging: Error & Rebuffer Percentage + More
Comparison: Player info, Browsers, Platforms + More

ADVERTISING METRICS

Audience: Impressions, Completion, Skipped + More
Performance: Ad Tag Load & Startup Time + More
Debugging: Error Percentage + More

FILTERS & BREAKDOWNS

Browser
CDN Provider
Country
Domain
Experiment
Internet Service Provider
Operating System & Platform
Video Type & Codec
Custom Data Fields
+ More

ANALYTICS SCREENS

API Explorer
Countries
Error Data
Network Explorer
Session Tracking
Top Errors
Video Bitrate Heatmap

Start your
trial today

Our suite of solutions:  Encoding  Player  Analytics

 BITMOVIN