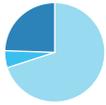




Advantages of a flexible encoding stack



Reduce Video Streaming Costs

Encode with state of the art codecs, like HEVC, VP9 and AV1, to reduce file sizes by up to 50% compared to optimized H.264. Multi-codec streaming allows you to stream at halve the cost while maintaining the same perceptual quality for your users.



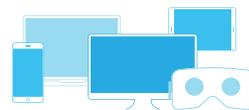
Get Content Online Faster

Bitmovin's containerized encoding architecture makes it the fastest encoding service on the market (up to 100x realtime). For broadcasters and news agencies, time-sensitive videos can be made public within seconds, securing the first to air advantage and the lion's share of the ad revenue.



Simplify Workflows, Integration and Support

We know how painful it can be to integrate an inflexible encoding API or fiddle around with ffmpeg on the command line. The Bitmovin API was designed to make your integrations easy, giving you all the development tools you need.



Reach Every Device and Every Browser

By encoding into adaptive streaming formats - MPEG-DASH and HLS - you can ensure that your videos will play on every browser and in every device, in standard, as well as 360° and VR formats.

A powerful API built for developers

Bitmovin API has clients for all the major languages, comprehensive documentation, tutorials and examples so you can kick off your first encoding in just a few minutes.



Latest Codec Support

Comprehensive support for HEVC, VP9, AV1 for High definition video everywhere



Live Streaming

Live-to-VoD for instant playback and highlight clipping plus HEVC, VP9, AV1, DRM, 60FPS, 4K



Advanced Encoding Settings

Finetune the encoding settings to get exactly the configuration you need



Server-Side Ad Insertion

Increase your ad revenue by pushing your ads past Ad Blocking software



Multi-Codec Streaming

Save bandwidth by dynamically selecting the optimal codec



DRM Support & Integration

MPEG CENC with Widevine, PrimeTime, PlayReady. FairPlay for HLS. Integrations with multiple DRM providers.



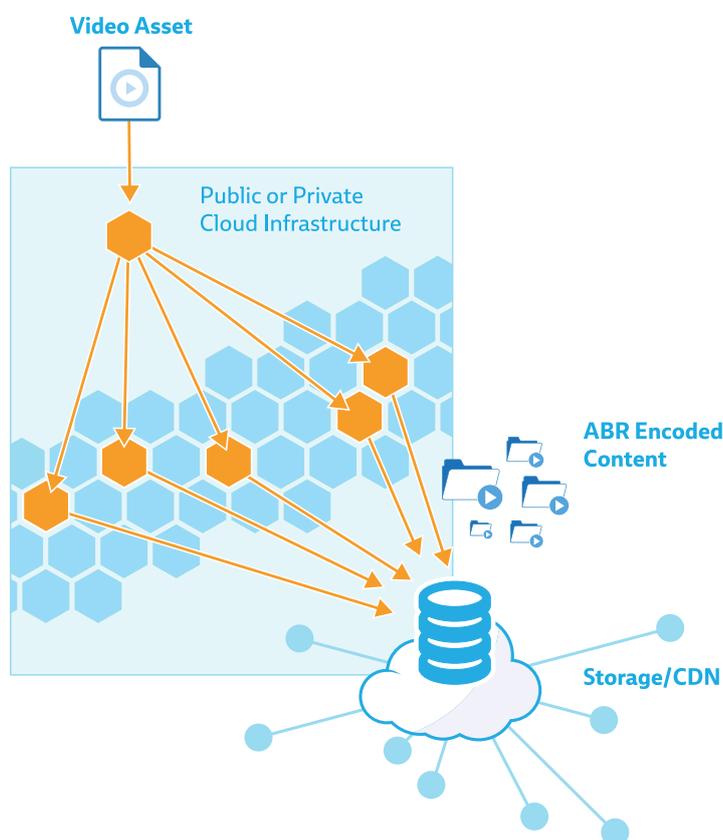
JS



Contact sales@bitmovin.com for a demonstration or trial



Horizontal scalability multiplies video encoding performance



Take a video, split it into chunks, and encode segments simultaneously across multiple instances. With this approach a video can be encoded with speeds of up to 100x real-time and it also enables real-time live streaming with multiple renditions and sophisticated codecs such as VP9, HEVC and AV1

- » Encoding speeds of up to 100x real-time
- » Encoding & packaging
- » SSAI with YoSpace and DFP
- » SSAI with ID3 tags, HLS cue points, SCTE-35 and EMSG
- » Highly customizable encoder
- » Fast and easy integration and setup
- » Zero downtime deployments and upgrades
- » Actively maintained API clients for all major languages
- » Comprehensive, actively maintained documentation
- » Codecs: H264/AVC, H265/HEVC, VP9, AV1, AAC, AC3, E-AC3, MP3, Vorbis
- » Subtitles and Closed Captions: WebVTT, SRT, TTML, SMPTE-TT, EBU-TT, DFXP, 608/708, SCC
- » MPEG-DASH, HLS, Smooth Streaming
- » fMP4 (H.264 or HEVC) with HLS
- » World class support
- » Containers: MP4, MPEG-TS, WebM, CFF
- » Live HEVC, VP9, AV1, DRM, 60FPS, 4K
- » Live-to-VoD
- » MPEG-CENC DRM & Offline DRM support
- » Widevine, PlayReady, PrimeTime, Marlin and Fairplay
- » Multi-Cloud (AWS, Google, Azure)
- » Inputs & Outputs: AWS S3, GCS, Azure, FTP, SFTP, HTTP, Aspera, Scality, Swift, Rackspace, Cloudian, IBM
- » Bluemix, S3 compatible protocols

