

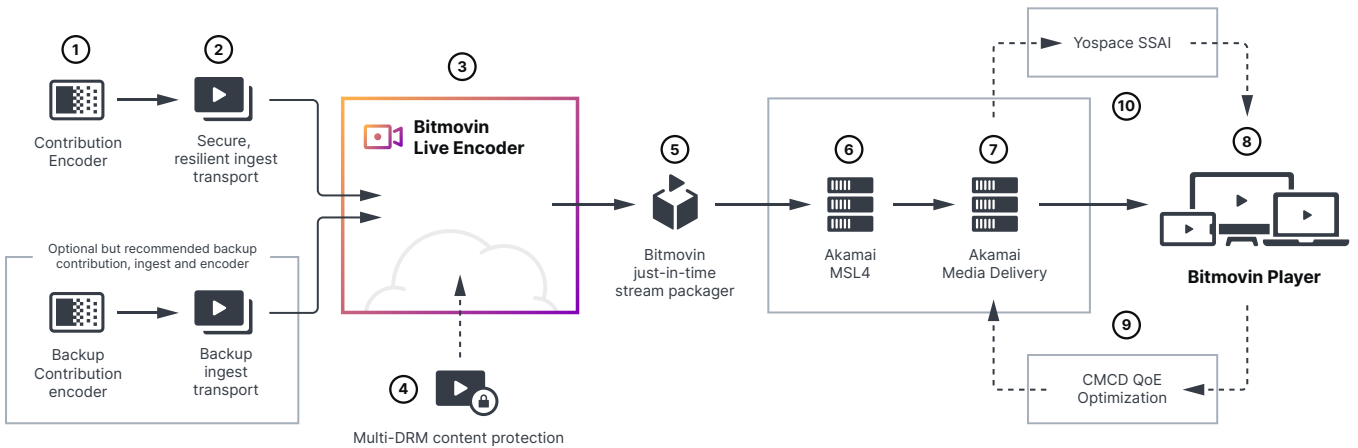


End-to-end Live Streaming on Akamai Connected Cloud powered by Bitmovin and Partners

Start your
trial today

Key Features and Benefits

- High Quality, Secure and Resilient Ingest
- Multi-DRM Content Protection
- Monetization with SSAI
- Unified Workflow Minimizes Data Egress
- Leading Global Content Delivery Network
- CMCD integration for QoE-optimized playback



- 1 videon**
 High quality primary and backup contribution video using Videon's LiveEdge or other compatible encoders.
- 2 ZIXI SRT**
 Secure, resilient, low latency ingest transport with support for Zixi, SRT and rtmp(s).
- 3 BITMOVIN**
 Bitmovin Live Encoding delivers high quality, adaptive bitrate video with support for multiple input and output codecs and container formats.
- 4 EZDRM**
 Encrypt and protect your content from unauthorized viewers with multi-DRM support from EZDRM.
- 5 BITMOVIN**
 Bitmovin's just-in-time stream packager can create HLS, DASH or CMAF outputs on the fly.
- 6 Akamai**
 Akamai Media Services Live (MSL4) enables a broadcast quality experience for a global streaming audience.
- 7 Akamai**
 The Akamai Media Delivery CDN delivers amazing streaming experiences to the largest audiences, with video performance and user engagement insights.
- 8 BITMOVIN**
 The Bitmovin Player delivers smooth, reliable playback on the widest array of devices, including web, mobile, SmartTVs, set-top boxes and more.
- 9 BITMOVIN + Akamai**
 Common Media Client Data: Bitmovin and Akamai have partnered to create a joint CMCD solution that allows the Bitmovin Player to share QoE data with the Akamai Media Delivery CDN, in order to improve delivery performance.
- 10 YOSP>CE**
 Server Side Ad Insertion (SSAI) stitching ensures a TV-like user experience, with ads tailored to each viewer for maximum revenue.

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Live Encoding SaaS Features and Capabilities overview

INPUT RESOLUTIONS

SD
480i
576i
HD
720p
1080i
1080p
4K
2160p
Portrait (mobile)

INPUT VIDEO CODECS

MPEG-2
MPEG-4
AVC/H.264
HEVC/H.265

INPUT AUDIO CODECS

AAC
AC3
PCM

INPUT TRANSPORT PROTOCOLS

RTMP
Zixi Receiver
SRT Caller
SRT Listener

DRM

Widevine
PlayReady
Marlin
FairPlay

SCTE-35

Inband MPEG-TS
API based cue insertion

HDR - BETA

Hybrid-Log Gamma (HLG)

FILTERS

Motion Adaptive Deinterlace
EBU R128 Loudness
Scale, crop, rotate
Image overlay

INSERTABLE CONTENT

Mezzanine video files
Images

SUBTITLES & CLOSED CAPTIONS

WebVTT & OCR into WebVTT
CEA-608/708
Burn-in subtitles

OUTPUT STREAMING PROTOCOLS

MPEG-DASH
Apple HLS
DASH-IF Live Media Ingest

OUTPUT VIDEO CODECS

AVC/H.264
HEVC/H.265
VP9

OUTPUT AUDIO CODECS

AAC
OPUS
Vorbis

Partners



Bitmovin's Live Encoding solution is available as a fully-managed software-as-a-service on Akamai Connected Cloud. Pre-integration with Akamai Media Services Live (MSL-4) allows you to deliver amazing streaming experiences to the largest audiences, with video performance and user engagement insights.

videon

ZIXI

YOSP>CE

EZDRM

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Playback VOD Encoding Live Encoding Streams

www.bitmovin.com