

Akamai Video Streaming Solution

Assessment Services

Overview

Epic Labs will assess your current or prospective video streaming solution, strategy, architecture and integration with Akamai CDN.

We will provide recommendations on how to better integrate with Akamai, fine tune configurations to enhance your users/customers' media experience while improving the Total Cost of Ownership (TCO).

What is the challenge



Content Delivery Networks (CDNs) are critical to the success of digital media broadcasting over the Internet. User and consumer experience greatly rely on how the content is delivered. Additionally, CDN services represent a significant cost of online media businesses that needs to keep improving to make the bottom line more competitive.

The large segmentation in transport protocols, video encoding, CDN service providers, geographical reach and scalability, security, DRM, players, etc. require a thoughtful CDN strategy, architecture and integration.

Content Delivery Networks, such as Akamai, have quickly grown providing great performing products and services that need to be tightly integrated as part of an end to end solution to maximize its value and utilization.

Quality video streaming delivery entails a considerable effort and expertise.

Some of the technologies we leverage as part of this service:

Video/audio protocols, stream quality assessment, DRM, token auth, bitrate optimization, analytics, playout devices, SDKs.



What Epic Labs can do for you



Epic Labs Media Engineering Team has profound knowledge and extensive experience at architecting these solutions for small to large broadcasters, online businesses and corporate organizations.

As part of this service, Epic Labs Media Engineering team will engage your video distribution architects to work together at assessing the current architecture providing recommendations on how to best consume Akamai's CDN in terms of configurations and fine tuning around video protocols, video/audio codecs, DRM integration, optimal bitrates, devices payout and analytics.

More specifically, Epic Labs Media Engineer Team will take care of the following: Assess your current Akamai architecture and integration

- Provide optimization recommendations and fine-tune video/audio encoding parameters, bitrates and streaming protocol implementation to ensure high performance, compliance with industry standards and compatibility with your CDN
- Analyze security of your video streaming integration: UltraViolet, DRM setup, token authentication and stream encryption
- Configure streaming metrics acquisition: metrics definition, probe implementation, data gathering, integration with 3rd parties (e.g. Akamai Media Analytics, Google Analytics, Conviva, ComScore, Nielsen, etc) and Akamai CDN
- Payout and devices strategy definition and implementation (players & devices SDKs)

Our Media Engineering Team

Epic Labs is a Software Innovation Center with passion, vocation and great expertise in media, video and streaming.

We pride ourselves of our talented Media Engineer Team with an extensive background in companies such as Akamai, NEC, Nokia, EMC or Pivotal that, combined with continued self-development and research, allows us to provide our customers with innovative and differentiated high-quality Media Engineering services and solutions.

Want to know more?



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