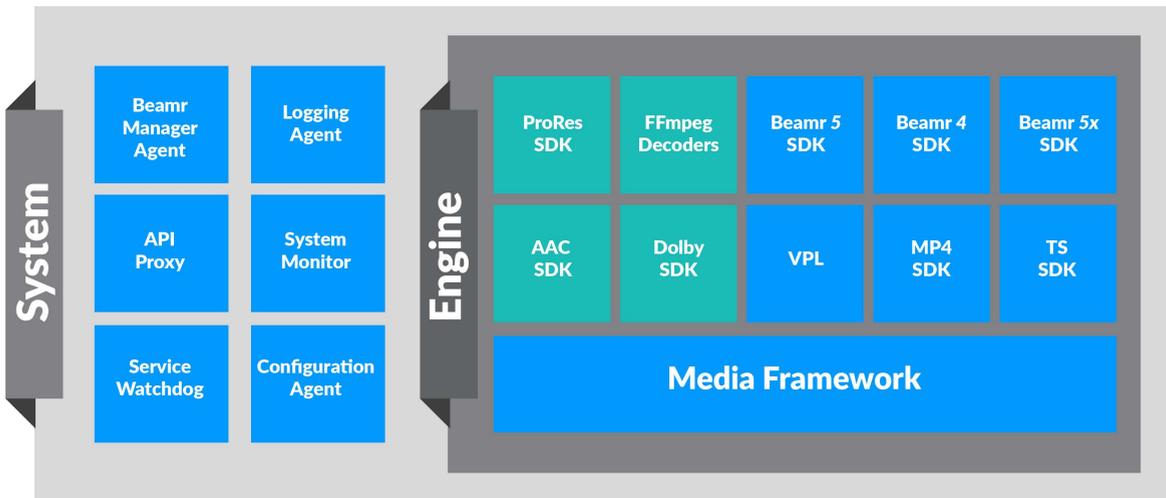


Beamr

Transcoder VOD



Overview Description / Industry Application

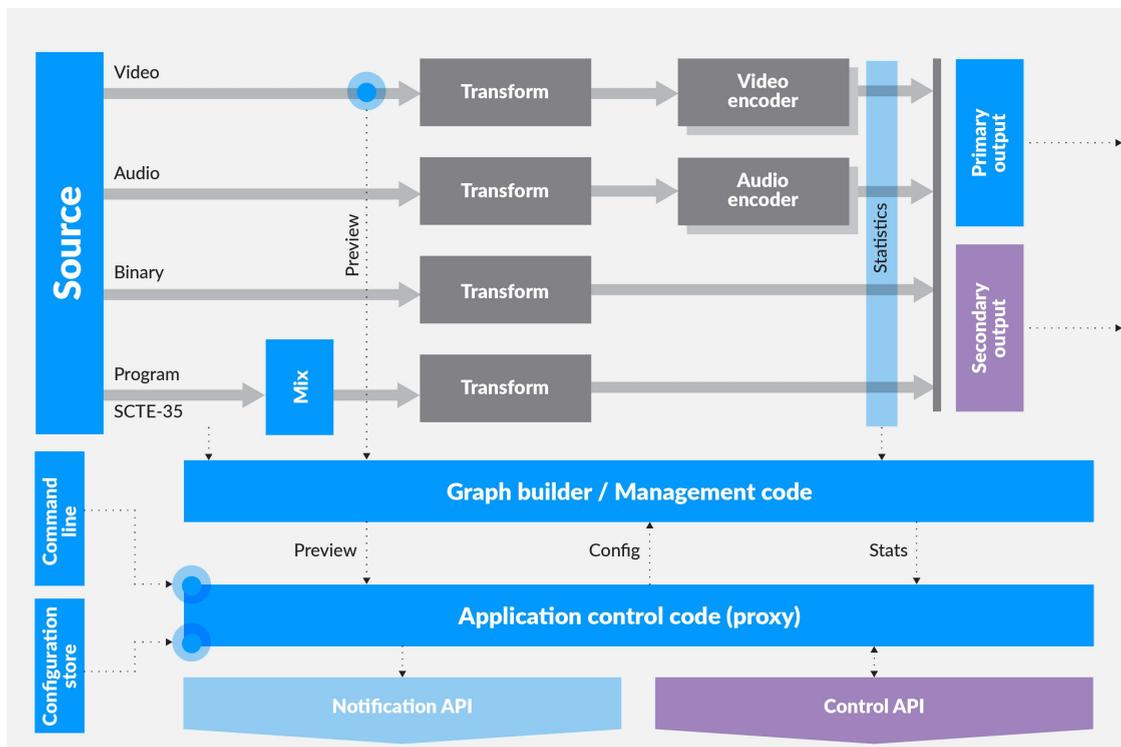
Designed for today's virtual environments.

In response to the overwhelming interest in virtualized video encoding workflows, and to provide a full transcoding solution which includes Beamr codec SDKs - Beamr 4, Beamr 5, and Beamr 5x - our engineers built Beamr Transcoder VOD for today's virtual environments. Beamr Transcoder VOD is engineered on a robust media framework that we've developed since 2010 to transform video into immersive video experiences for every screen. It has been used in a commercial Blu-ray authoring tool and a Windows-based transcoder and is now available in free and premium versions.

Engineered for the needs of the modern video service.

We developed the Beamr Transcoder to meet the needs of modern video distributors. The Beamr Transcoder engine is the heart of this highly efficient and flexible transcoder. It was developed in native C++ to run on Linux while being highly scalable across public clouds such as AWS using Docker containers. Designed for today's video workflows, the Beamr Transcoder is massively available, able to scale across on-prem, public, private, or hybrid cloud infrastructures. Beamr Transcoder is highly tuned and automatically allocates the optimum number of threads to the video encoding function, reserving the minimum required for decoding, pipeline management, and network function control.

More About Beamr Transcoder VOD



Overview of features.

Beamr Transcoder VOD supports the following features. (Note: Some features below are only available in the premium version of Beamr Transcoder VOD.)

- Containers: ES, TS, MP4, MOV
- Video Decoding: MPEG-2, ProRes, H.264, HEVC
- Video Encoding: H.264, HEVC
- Audio Encoding/Decoding: MP3, AAC, HE-AAC, HE-AAC+, AC-3, E-AC-3, AC-4
- 8, 10 and 12-bit color with 4:2:0/4:2:2
- High resolution, high frame rate up to 8Kp120
- SCTE-35 pass-through
- Encoding Boundary Points (EPB) support
- EIA 608/708 closed captioning
- Logo insertion
- HDR-10/HLG

Beamr benefits.

Beamr is the leading designer and developer of content-adaptive encoding and optimization solutions that enable high quality, performance, and new levels of bitrate efficiency for MSOs, OTT content distributors, broadcasters and video streaming platforms. With the Beamr Transcoder, the Beamr HEVC & H.264 codec SDKs become full encoding solutions powering users to receive the highest video quality at the lowest bitrate possible. By leveraging Beamr transcoder and encoding solutions, video encoding operations can surpass the competition by operating as much as 3 times faster while creating files that are 50% smaller for VOD workflows – whether on-premise or in the cloud.