Why Callaba Cloud?

• Low latency streaming
• Geo-distributed routing of video streams in 77 countries
• Supports OBS Studio, vMix, Larix, Wirecast and other popular software
• Compatible with hardware encoders, decoders and cameras
• Intelligent system for diagnosing network problems
• Server resource consumption monitoring
• Password-protected streaming
• Friendly user interface
• Step-by-step tutorials

Product overview

Callaba Cloud Live Streaming is a professional service for broadcasting high quality video and audio. Callaba Cloud supports a variety of protocols and codecs and comes with a broad feature set for streaming, re-streaming, transcoding and multiplexing, recording and playing the streams. The flexibility of setting allows to implement any streaming configuration for video of any quality almost anywhere in the world.

Product features

Streaming via any protocol

• Low latency and ultra low latency
• SRT, MPEG-2 / .TS, RTSP, RTMP, HTTP, UDP, HLS/m3u8, MPEG-DASH/mpd
• HD, Full HD, Ultra HD, 4k and 8k video
• Codecs: H.265, H.264, Mpeg2. Audio : AAC, MP3
• Transcoding and Transmuxing (LiveEVO Technology). Convert ANY to ANY on the fly.

Flexible and feature-heavy

• Web player to watch and share streams in the browser
• Re-streaming to socials (Twitch, Youtube, Facebook and many more)
• Embed Video on Demand/Over The Top on your website
• Stream Recording. Unlimited terabytes of recordings in the cloud

RESTful API for developing your own applications

The API exposes the entire Callaba Cloud Live Streaming functionality on Amazon Web Services infrastructure. Callaba Engine is a RESTful API based on HTTP requests and JSON responses.

Additional Resources

• Callaba Cloud Website
• Benefits of the AWS for Video Streaming – Tutorial
• Multi-stream to Twitch, YouTube and Facebook – Tutorial
• Streaming via OBS Studio over the SRT – Tutorial
**How it works**

Callaba Cloud Live Streaming is a cloud application that can receive audio or video streams from a client (a software client, like OBS Studio, or a hardware encoder) and then broadcast these streams to other clients connected to Callaba Cloud as receivers.

Callaba Cloud uses the pipeline concept. You can create “tasks” for the system to perform with your stream. A “task” can be anything : recording process, browser playback, transcoding or multiplexing, re-streaming & etc. This approach provides flexibility to customize a workflow of the stream and allows to achieve the most suitable result.

**Differentiators**

- Unlimited everything : number of streams, re-streams, recordings and all other functions.
- Scalable solution, to ensure that you have access to the right amount of resources, no matter how high or how low the current demand is.
- Unlimited number of viewers for the Web Player.
- Advanced analytical tools to help finding out the best configuration of settings for any set of network conditions.

Solution available in [AWS Marketplace](https://aws.amazon.com/marketplace)