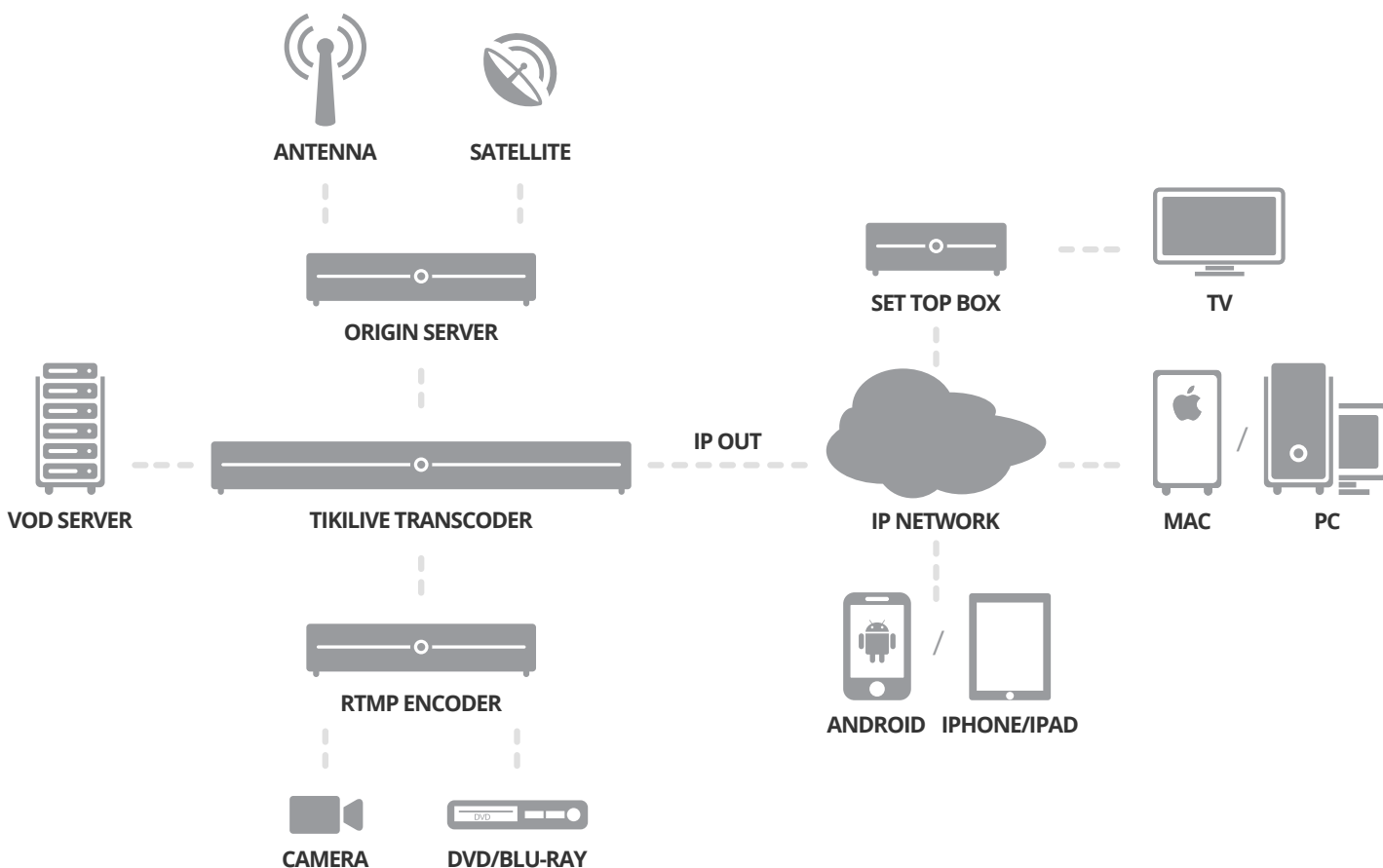

TikiLIVE Live Transcoder BETA

The TikiLIVE Transcoder is a realtime software-based multichannel streamer and transcoder to deliver HD Broadcast streams.

It has been designed to receive RTMP streams published by TikiLIVE IPTV Origin servers as well as other encoders and publish out variable bitrate profiles of that source stream. Those output streams can then be repackages to stream in HLS, HLS Adaptive, and Variable Bitrate RTMP streams.

This is presented with an easy to use GUI for full configuration of each stream and it can report its status to remote network operations.

The transcoder accepts AVC/MPEG-4 AVC inputs and the resulting output can be sent to an IP network or pushed via RTMP. The streams can be repackaged to be viewed online, TVs with supported STBs, Android mobile devices, iOS mobile devices, and iOS Tablets.



The TikiLIVE Transcoder receives the feeds, de-multiplexes them and then pushes RTMP feeds to the destination ingest point.

The system transcodes the streams into various H.264 profiles.

Features

Features
Input/Output in H.264/AVC
Supports RTMP Input and Output
Output can be repackaged to HLS
Output can be repackaged and Chunked to HLS Adaptive
Transcoding profiles can be customized through GUI, supports up to 1080p
Works with Wowza Servers
Compatible with major brands of H.264 decoders
Audio support AAC

Benchmarks

H264 In	H.264 Out
Supports SD and HD Input RTMP protocol Supported input resolutions: <ul style="list-style-type: none">- 240p- 320p- 480p- 720p- 1080p	SD out from 300 - 1,500 kbps HD Outputs from 1,500 - 4,500 kbps (or higher)

Specifications

IP Output	
Ethernet	Dependent on the server installed on
Protocols	RTMP

Common Supported Resolutions (Input and Output)		
1920 x 1080	720 x 480	480 x 480
1280 x 720	704 x 480	480 x 320
720 x 576	640 x 480	320 x 240

Administration	
Access	Web Interface

Recommended Server Specs	
Operating System	Ubuntu 14 +
Cores	12 +
Threads	24 +
RAM (GB)	16 GB
CPU (Mhz)	2670 Mhz
HD	2 x 1TB