* All pictures shown are for illustration purposes only. Actual products may vary due to product enhancement

DVEO



BRUTUS



Live & VOD Media Server for Encoding, Transcoding and Distribution

PRODUCT DESCRIPTION

Capture and process multiple input formats with seamless encoding and transcoding to H.264, H.265, or AV1 in single or multi-profile configurations. Record live channels for DVR and Catch-Up TV, ensuring flexible playback options. Secure live and on-demand content with DRM protection, and deliver high-quality IP channels to any device, anywhere in the world—optimized for OTT, IPTV, and FAST TV platforms.

KEY FEATURES

- Live Encoding MPEG2 H264 H265 AV1
- Live and VOD Distribution for IPTV OTT
- Works with Major CDNs and social media
- Pass Closed Captions Subtitles
- Pass or Insert SCTE35 Markers for FAST TV
- DVR Catchup Rewind TV
- Supports DRM
- API
- Capture IP, SDI, HDMI or RF signals

INDUSTRIES

- ISP's
- Content Owners
- Live Streaming Events
- Church
- Government
- Military
- IPTV / OTT
- Hospitality
- Broadcasters
- FAST TV

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APPLICATION	DESCRIPTION
SDI H264 Encoder SDI H265 Encoder SDI AV1 Encoder	SDI to IP Video Streaming Encoder. Encode in H264, H265 or AV1 for IPTV, OTT and Live Events
HDMI Encoder	HDMI to IP Video Streaming Encoder
SRT Encoder	Live Video Encoder with SRT reliable and secure distribution
RTMP Encoder YouTube Encoder Facebook Encoder	Live Video Encoder with RTMP output to YouTube, Facebook, CDNS, and other Social Media Platforms
H264 Transcoder H265 Transcoder AV1 Transcoder	IP Live Video Transcoder. Receive multiple IP input formats, transcode HD, 4K to H264, H265, or AV1 in single or multiple profiles. Output format in UDP, SRT, HLS, DASH and more
DVB-T/2 Transcoder DVB-S/S2 Transcoder ATSC QAM Transcoder	RF to IP Live Video Transcoder. Receive DVB-T/T2, DVB-S/S2, ATSC, or QAM signals, DEMUX and transcode channels to IP output
Delay Server	Receive IP input, Delay Channel up to 12 hours or more and output multiple types of IP formats
DVR	Archive and Record Live IP sources to TS or MP4 Files
Catch up Rewind TV	Catchup TV for 7 days or more to allow user to start playback in the past with HLS or DASH output. Pause, rewind, fast forward Live TV Channel with extended playlist
Origin Media Server	Live or VOD Media Stream Packager. Receive IP inputs, convert them to HLS, DASH, add DRM or authentication to protect channels
Edge Media Server IPTV OTT	Live or VOD Media Distribution Server able to handle thousands of users at one time via HLS or DASH
IP Gateway Stream Converter	Convert IP source to another IP streaming format for distribution
Insert Ad Markers into HLS	Use API to insert Cue Out and Cue in AD Markers into HLS output for FAST TV Platforms
Convert SCTE35 to HLS Ad Markers	Receive Live Channel with SCTE35 Markers and add Ad Markers into HLS or DASH output for FAST TV Platforms

GENERAL SPECIFICATIONS

- IP, RF, SDI, HDMI inputs
- Delivery via RTMP, RTSP, HLS, DASH, LL-HLS, MSS, WebRTC, SRT, MPEG-TS protocols
- Collecting and recording information of each client session
- Delivery of multi-bitrate multilingual streams
- Support for DVB, webVTT, TTML, Closed Captions subtitles
- Reception of services from head stations
- Multiplexer for linear TV
- Direct capture from the satellite
- Live stream from server playlists
- Automatic switching between backup sources with customizable priorities
- Ability to show a backup file in the absence of video in the source
- H264, H265, AV1, MPEG-2 Video, MPEG-2 Audio, AAC, AC3, MP3, G711a/u
- Ingest of published video from software encoders, mobile devices, web pages and web cams
- Shout cast protocol support
- Fully featured built-in video archive
- Archive storage on local disks, NAS, NFS, SAS, S3, Swift
- Storage of metadata and stream screenshots
- Multi-protocol access to the archive
- Unloading of the archive to mp4
- Delayed playback of the record
- DRM systems: WideWine, FairPlay, PlayReady
- DRM providers: EzDRM, Conax, Nagra, BuyDRM, Irdeto, PallyCon
- CPIX, SPEKE for DRM integrations
- Access to session statistics via HTTP API, event API
- Multi-bitrate and multilanguage VoD broadcasting
- Working with HTTP storage (http, ftp, Amazon S3, Swift)
- Easy configuration through the UI
- HTML5 player for preview
- Access to statistics and monitoring
- Management and monitoring via HTTP API