setrix

ALL IN ONE MEDIA PROCESSOR

Ingest your content to many different Platforms

WOWZA media systems · YouTube · facebook.

Limelight NETWORKS · CDN77 ·

Level (3) COMMUNICATIONS · Akamai · flussonic

Transcode/Encode

Hardware acceleration (Nvidia, Intel QuickSync), Multi-Bitrate(ABR), Watermark overlays, FailOver I/O Switching, Major I/O Protocols and Codecs supported. Codecs(List ICON), Protocols(List ICON).

Capture Inputs

HDMI, SDI, DVI, Component feed capturing. 3U Server can be configured with upto 32 physical Inputs.

Satellite & Terrestrial

Satellite & Terrestrial signal Capturing Inputs: DVB-S/S2, DVB-T/T2, DVB-C - Scan, Tune, EPG Capture.

Relays/Restreaming & Packaging

Transmuxing by re-packaging your streams from one protocol to another on the fly without having to transcode them with minimal resources. A wide range of inputs/outputs is supported. Codecs and Protocols.
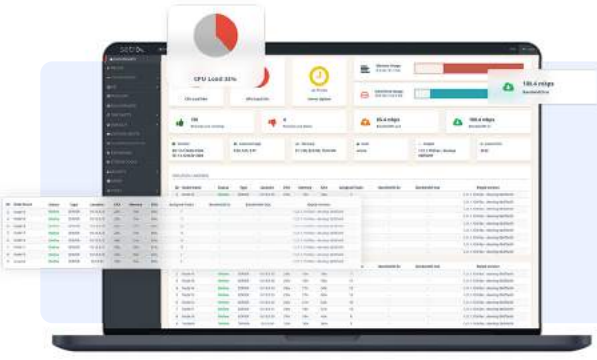
DRM

Encryption made easy with Setrix on the fly packager. Major DRM vendors supported Widevine, Playready, Fairplay, HLS AES. Pre Integrated with many different DRM hosted solutions EzDRM, PallyCon & BuyDRM.

StreamNow

Scalable Streamer with load balancing and caching allowing you to horizontally scale as you grow, supporting HLS, DASH, ABR, DRM, Security Tokens. DVR Query.

Web UI Management

Setrix is managed from simple Web User Interface which will let you Multi User Management with user rights: View / Create / Delete / Hide TroubleShooting Tools - Media Checker, Speed Checker, Ping, Diagnostic Checker

4K

Delivery up to 4K Resolution

Functionality coming with the encoders allows broadcasters and service providers to deliver multi-feature services in resolutions ranging from Standard Definition to 4K. A real-time encoding/ transcoding solution Setplex Encoders are the most powerful encoder in the market providing uncompromising quality.

VOD Transcoding

Transcode your video on demand files to adaptive bitrate streams in HLS and or DASH from any cloud-based storage to any storage.

Multiviewer

Monitoring multiple streams in one screen with Audio bars, up 16 streams supported 1x2-4x4.

Catchup & Timeshift

Timeshift allows a delay streaming of live channels. ABR Stream support. Catchup enables live channel pause and rewind, and the viewing of past shows.

Multi-Tenant

Multi User Management allowing different access roles and permissions.

Alarms

Get notified for any event through E-mail or SMS(Twilio) to help you solve the problem right away. Triggering Notifications as soon as an issue starts happening if Stream Input/Output Issues, Stream Modifications, Server Overload.

Playlist

Simple Playout allows you to create a live stream from files. Multi file format supported.

Single Server Transcoder

Instead of using racks on racks of servers and control panels to manage even just one of the above-mentioned features, which could be difficult and time-intensive to service, Setrix can run all of the above features through a single Setrix 1U server. Managed by a single WEB user interface, this server can minimize the time and energy required to locate and correct any issues that arise.

Input Protocols

UDP, SRT, HTTP TS, HLS, DASH, TCP TS, RTMP, RTSP, RTP.

Output Protocols

UDP, RTP, SRT, HTTP TS, HLS, DASH, TCP TS, RTMP, Akamai HLS PUSH(MSLv3 & v4).

Codec Support

H.264/AVC, H.265/HEVC, MPEG2, VP9, AAC, MP3, AC3, MPEG1 part1/2, AV1(beta).

SCTE 35 Support

Setrix can fully support server side ad insertion (SSAI). It is able to detect SCTE 35 markers in live linear tv stream and then output an HLS stream for dynamic ad insertion via third party SSAI server. Setplex can provide a turnkey solution including ad serving, dynamic pre-roll and mid-roll via SSAI for both live TV and video on demand.

setrix

**231 Central Avenue, 2nd Floor
White Plains, NY 10606**

sales@setplex.com

+1-718-514-2174