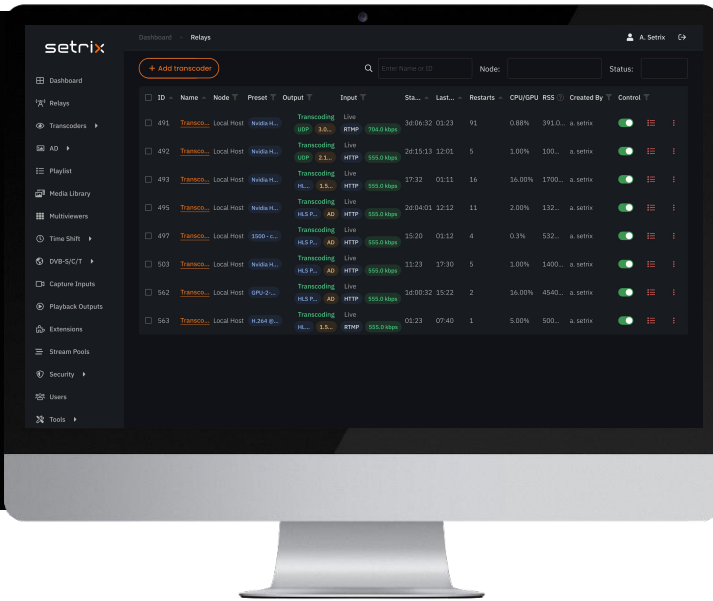


setrix

More than a Transcoder





More than a Transcoder

Unlock the full potential of your video service with Setrix, the high-performance OTT/IPTV media processor designed to elevate your content delivery to the next level.

From transcoding and encoding, to content protection and seamless ad insertion, Setrix redefines what's possible in the world of streaming technology.

> Transcoding / Encoding

Setrix transcodes various input feeds into your desired format and sends streams to the network or CDN. With hardware acceleration options (NVIDIA and Intel QuickSync), multi-bitrate streaming (ABR), and failover I/O switching, your content is optimized for Live and VOD delivery for every viewer.

> Live Transcoding

Setrix prioritizes stability and minimal latency, ensuring uninterrupted streaming for global audiences, from sports matches to breaking news.

> VOD Transcoding

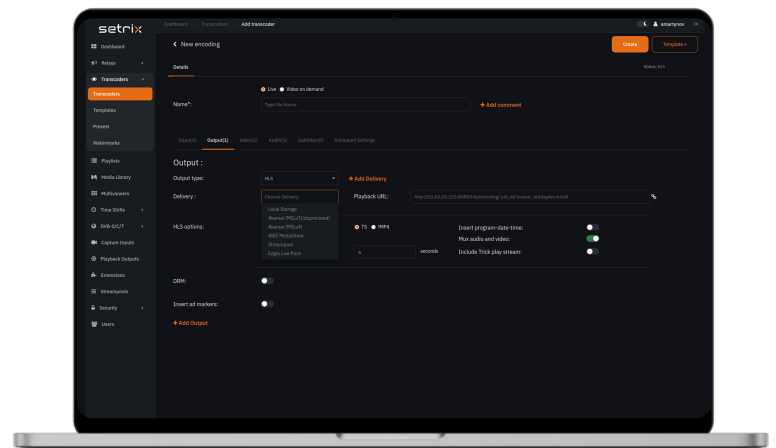
Ensure that your videos are flawlessly optimized for various platforms (Android, iOS, tvOS, Roku, Web) and network conditions, while delivering a superior viewing experience to end users anytime, anywhere.

> Relays/Packaging

Transmuxing/re-packaging allows converting streams from one protocol to another on the fly with minimal resource utilization.

> CDN Support

Push content to CDNs (AWS, Edgio, Streampool, Akamai) directly from Setrix, reducing latency and improving performance.



> Web UI Management

Setrix is managed from a user-friendly interface, ensuring a seamless user experience. With its simple navigation and intuitive layout, interacting with Setrix is effortless, allowing users to accomplish tasks efficiently and effortlessly.



> Multi-Tenant

Multi User Management enables various access roles and permissions, allowing the sharing of resources while maintaining isolation. This reduces infrastructure and maintenance costs.

> Ad Markers Insertion for SSAI

Setrix can parse SCTE 35 markers or generate ad markers by schedule and insert them into outputs (HLS/DASH/CMAF) for dynamic ad insertion via third-party SSAI solutions. We provide an ultimate solution for ad serving, dynamic pre-roll, mid-roll, and post-roll both for Live TV and VOD.

For VOD, smart ad insertion is available - Setrix analyzes a stream and chooses the most suitable place to insert an ad. Using our playlists, you can add pre-roll, mid-roll, and post-roll ads on your own and use them for Live and VOD.

> DRM

With support for Widevine, PlayReady, Fairplay, and seamless integration with leading DRM providers (EzDRM, PallyCon, Irdetto, and ExpressPlay), your content is secured, ensuring peace of mind.

> Output Protocols

- Protocols: UDP, SRT, TCP, RTMP, HTTP
- HLS, DASH, and CMAF playlist

> Codec Support

Audio: AAC, MP3, AC3, E-AC3, Opus
Video: H.264/AVC, H.265/HEVC, VP9, MPEG2, AV1

> Input Sources

- Protocols: UDP, SRT, TCP, RTMP, RTP, HTTP, V4L2
- HLS and DASH Playlist
- Capture cards: Magewell and Decklink
- Satellite & terrestrial signals: DVB-S/S2, DVB-T/T2, DVB-C - Scan, Tune, EPG Capture.



> Multiviewer

Monitor up to 16 streams on one screen. Setrix's Multiviewer ensures that all streams are broadcast correctly and without interruptions.

> Delivery of up to 4K Resolutions

The functionality coming with the encoder allows OTT operators to deliver resolutions ranging from ULD to 4K, ensuring your content is delivered in uncompromising quality.

> Timeshifts

Time-shift live channels or set delays for streaming in different time zones.

> Alarms

Receive alerts via e-mail or SMS (Twilio) for any issues such as Stream Issues, Server Overload, or Service Down, ensuring rapid response and problem resolution.

> Playlist

In Setrix, you can easily create a live broadcast by combining different video files (MP4, MOV, MPEG, WMV, AVI, MKV).

> Single Server Transcoder

Setrix offers efficiency and convenience by consolidating multiple features into a single 1U server. All features are managed through a web interface, simplifying controlling and monitoring operations. Centralized functionality minimizes the time and energy required to address any issues, reducing downtime and enhancing overall efficiency.

> Centralized Server Management

Manage multiple servers utilizing a single control point.

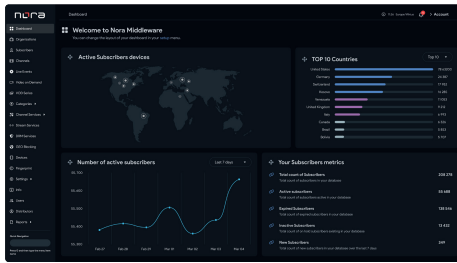
> Load Balancing

Scale the infrastructure horizontally by distributing the workload across multiple servers, which prevents bottlenecks and ensures uninterrupted streaming.

> Fault Tolerance

Setrix handles errors or failures without compromising the quality and video delivery, guaranteeing the reliability and stability of your OTT streaming service.

Simple, Powerful & Scalable OTT Solutions

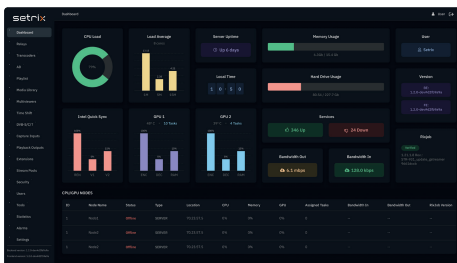


nora

MIDDLEWARE

- Flexible Monetization
- SVOD, AVOD, TVOD, PPV, FAST, Hybrid
- Content Management
- Subscription Management

Download Spec Sheet

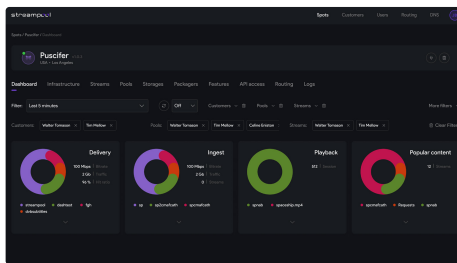


setrix

TRANSCODER

- Transcoding/Encoding
- Multi-DRM
- Ad Markers
- HLS, DASH, CMAF

Download Spec Sheet

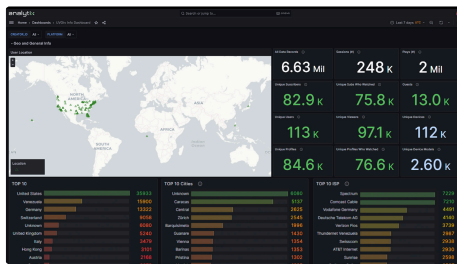


streampool

CDN

- Adaptive Content Delivery
- Load Balancing
- Catchups, Timeshifts, Events
- Content Protection

Download Spec Sheet

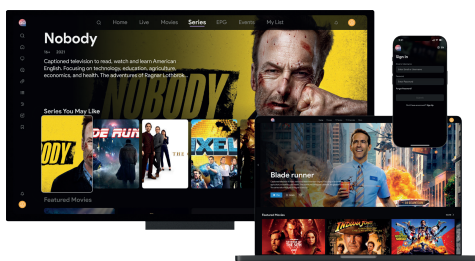


analytix

ANALYTICS

- Real-Time Analytics
- Monitoring Tools & Alerts
- QoS/QoE
- Dashboards & Reporting

Download Spec Sheet



nora GO

MULTI-SCREEN APPS

- All Major App Stores
- Personalization
- Global Search
- Consistent UI/UX

Download Spec Sheet

To find out more about our OTT solutions, or to book a demo, please get in touch at sales@setplex.com or visit www.setplex.com