

TULIX

RUNWAY FOR STREAMING INNOVATIONS

COMPANY PRESENTATION



Tulix is a streaming technology company that **supports** innovators, investors, faith based and enterprises by providing **guidance** and **resources** targeting internet video strategy, technology and business models, based on decades of technology and business experience and **successful solutions** in internet video streaming.

NAMED TO STREAMING MEDIA 50 FOR THE PAST 5 YEARS

The 50 Tech Companies That Matter Most in Online Video



Tulix was founded over 17 years ago by a **Team of PhD's** with the goal to deliver the world's finest video delivery solutions



Two missions were critical to delivering the world's best video delivery solutions

1. **Mastering** the art and technology of live streaming
2. **Reinventing** the traditional Content Delivery Network to create the optimum CDN for live video streaming





Fast forward 10 years - Tulix has customers in **60 countries** around the world!

- **Tulix** is ready and able to help you build your video streaming business
- **Tulix** has a proven track record of global customer satisfaction
- **Tulix** possesses technology leadership & has a culture of continuous technology & business innovation
- **Tulix** has been able to maintain long-term relationships with its customers due to its constant innovation and **focus on customer service.**

END TO END OTT

Stream content across all connected devices and generate revenue using Tulix's 360-degree approach to monetization, which includes subscription, advertising, and pay-per-view. Customized payment gateway.

CLOUD PLAYOUT

Generate unlimited 24/7 linear feeds from content uploaded to the Tulix Cloud. In combination with Point-to-Point Delivery, linear broadcasts can be used for streamed, terrestrial, cable and satellite distribution.

POINT TO POINT DELIVERY & CDN

Deliver live video feeds to uplink facilities and other ingest points using Tulix's Content Delivery Network, which uses route optimization to ensure video is sent at the highest quality without any downtime.

STREAMING APPLICATIONS

Distribute every major OTT platform: Roku, Android, Android TV, iOS, Apple TV, Amazon Fire TV and Web.

DISTRIBUTION HUB

Receive source transmission and distribute it to cable operators and other operators.

CLOUD TRANSCODING

Convert live & VOD broadcasts into any format for compatibility with all devices & to ensure compatibility for delivery.

CONTENT MANAGEMENT SYSTEM LIVE + VOD

Store and manage your content libraries & archives in the Tulix Cloud for streamed distribution, linear broadcast creation & redundancy.

Built from the ground up to support Live Streaming, we have perfected the delivery network to be the fastest, most stable, scalable and versatile at all times!

FAST

Our **route-optimization system** is specifically tuned to find the **fastest and highest quality** path to the viewer, ensuring **rapid loading times** in every part of the world.

STABLE

Our CDN operates with **direct access to all major internet backbones** from our primary data centers in Atlanta.

Unlike traditional CDNs, who host servers in the data centers of other companies, we have **direct control over the entire CDN infrastructure**, with staff on site to provide **near-instant support**.

SCALABLE

Planning a live event with a large number of concurrent viewers? Concerned about the impact future subscriber growth may have on your services? Rest assured that with a **100 Gbps** server architecture & direct connections to the largest internet exchange in the Southeast, our **CDN can scale comfortably & quickly**.

VERSATILE

Tulix's CDN excels at streaming live and VOD content of all formats. Tulix's CDN also supports a powerful suite of **cloud services**, including **content management**, Cloud Playout, **transcoding**, & more

When it comes to live streaming we offer everything you need!

VIDEO INGEST

TRANSCODING

ABR SUPPORT

DVR & TIME SHIFT

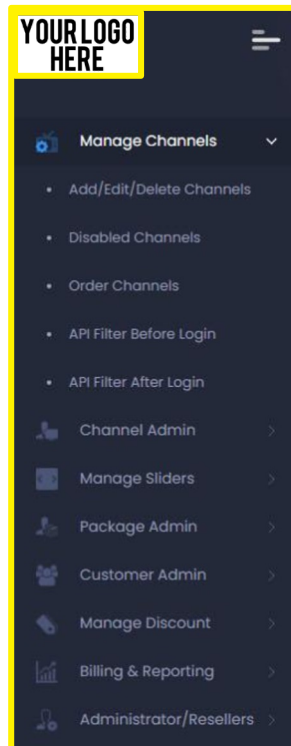
Tulix develops full-featured streaming applications for mobile platforms and OTT/IPTV set-top boxes.

Tulix gets your content across the full spectrum of internet-connected devices, allowing you to generate revenue directly from additional viewers.

The screenshot displays the GINIKO admin interface. On the left is a dark sidebar with a menu including 'Manage Channels', 'Channel Admin', 'Package Admin', 'Customer Admin', 'Manage Discount', 'Billing & Reporting', and 'Administrator/Resellers'. The main content area is titled 'Welcome Admin' and features a 'Home' and 'Sign Out' link. Below this is a 'Add a New Channel' section with tabs for 'Branding', 'Streaming Options', 'Ad Settings', and 'Devices'. The 'Branding' tab is active, showing a form with the following fields: Channel Name, HTTP URL, Source URL, Donation URL, Description, QR Code URL, Reseller Code, Station ID, Country (dropdown), Category (dropdown), and Language (dropdown). There are two image upload areas: 'Channel Logo (200 x 200 pixels)' and 'Player Poster (200 x 200 pixels)'. A blue 'Add New Channel' button is located at the bottom right of the form.

STREAMING

Tulix's Content Management System (CMS) lets operators ingest and upload live and VOD content to their website and all other applications from one central portal



OUR CDN ENABLES YOU TO:

STREAM CONTENT

MANAGE VIEWER ACCOUNTS

GENERATE REVENUE REPORTS

- Set up and manage of schedules and playlists.
- Ability to upload, categorize, edit descriptions, metadata and set pricing for new videos.
- Ability to modify information, categories, and pricing for existing videos.
- Flexibility to choose devices to publish to.
- Automatic transcoding to multiple bitrates with excellent video quality.

Tulix makes monetization and billing easy. We provide flexible business models and can enable any monetization solution an operator wants to employ.

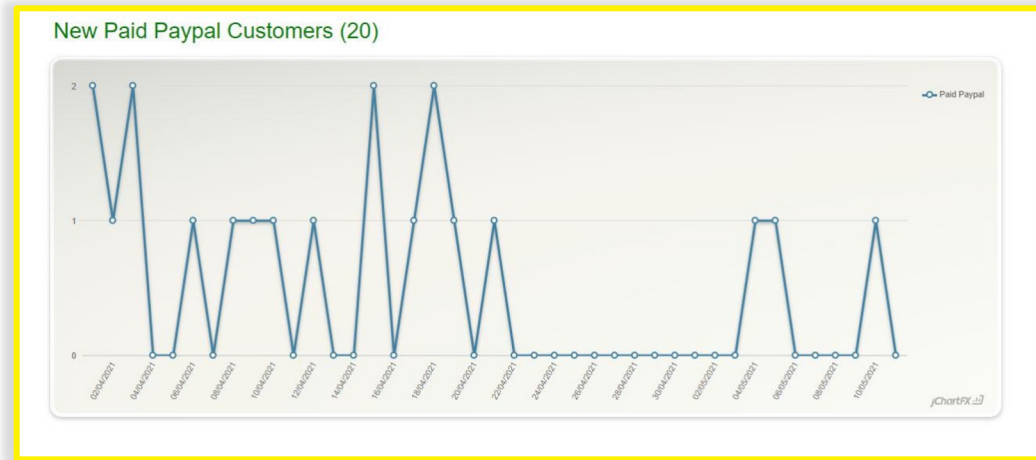
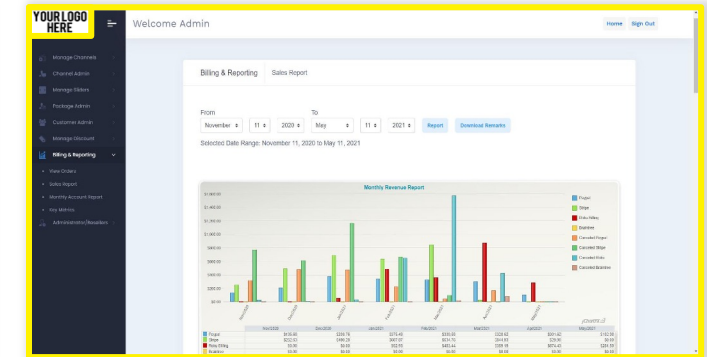
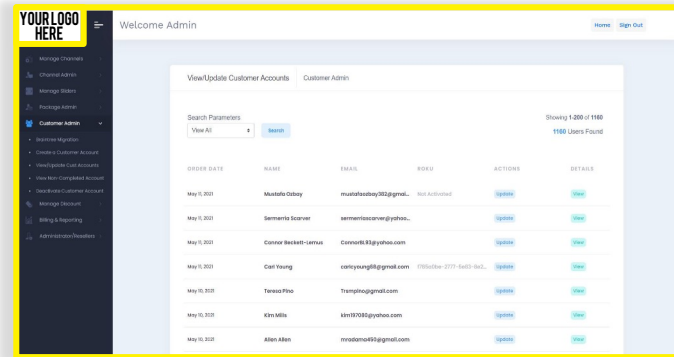
Tulix allows customers to monetize all their content anywhere and anytime on nearly all streaming platforms.

Week Number	Week Ending	Total Revenue	Total Active Paid Subs	Total Active Subs	Growth Rate (ActiveSubs)	New Free Content Subs	Total Free Content Subs	New Free Admin Subs	Total Free Admin Subs	New Trial Subs	Total Trial Subs	Ne
41	10/11/2020	\$72.74	8	11	-	0	0	3	3	0	0	
42	10/18/2020	\$48.86	8	12	9.09%	0	0	1	4	0	0	
43	10/25/2020	\$7.99	8	12	0.00%	0	0	0	4	0	0	
44	11/01/2020	\$65.88	8	12	0.00%	0	0	0	4	0	0	
45	11/08/2020	\$27.90	10	14	16.67%	0	0	0	4	0	0	
46	11/15/2020	\$83.77	14	18	28.57%	0	0	0	4	0	0	
47	11/22/2020	\$188.62	19	23	27.78%	0	0	0	4	0	0	
48	11/29/2020	\$138.81	27	31	34.78%	0	0	0	4	0	0	
49	12/06/2020	\$201.82	30	35	12.90%	0	0	1	5	0	0	
50	12/13/2020	\$122.73	32	37	5.71%	0	0	0	5	0	0	
51	12/20/2020	\$180.75	34	39	5.41%	0	0	0	5	0	0	

Tulix's video monetization system integrates seamlessly with Tulix CMS and lets operators monetize live and VOD content by collecting subscriptions or charging for individual videos.

Tulix will make sure you get the data points you need to drive your business.

- Access “Real-time Stats”
- View by device their services
- Have multiple graphical views
- Have multiple geographical breakdowns
- Generate reports for revenue, subscriber growth, purchases and other critical data
- View and analyze data usage over time aggregated or granular



Tulix understands how important content security is for operators and we have been protecting customer content for 10+ years, around the globe.

We Support

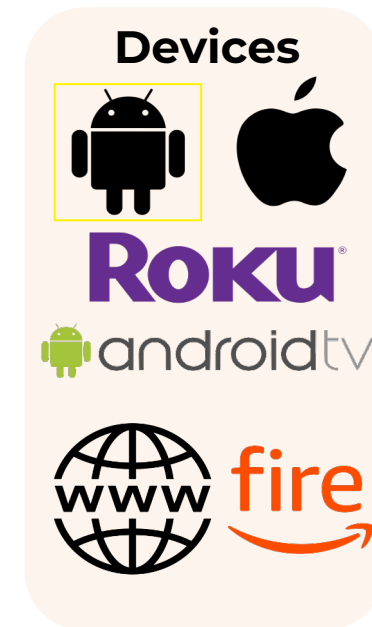
- Token Authentication
- AES Encryption
- A variety of DRM
- GEOIP



- Tulix creates **branded channels** on these platforms (and more) so operators can grow their audiences and monetize their content.
- Tulix has deployed **countless Roku, Android, iOS, Apple TV, Amazon Fire TV apps** and more...

In addition to supporting OTT STBs Tulix creates apps for mobile devices and offers:

- Custom applications for any **platform**
- **Fully integrated** experience
- **Streaming first**, frills second
- **Tight interaction** of apps with monetization, security and analytics



WE PROVIDE SOLUTIONS FOR:

- Broadcast & Linear Television
- Faith based and House of Worship
- Video Content providers and aggregators
- Corporate & Enterprise
- Live event streaming
- Custom streaming solutions
- OTT & IPTV Operators

OUR SERVICES INCLUDE:

- CDN Services, including Point to Point
- Streaming platform requirements like encoding, transcoding, DVR & VOD
- Content management solutions
- Monetization and Billing engines
- Security and Geo tagging
- Intelligent Analytics
- Applications & web portal development
- and more

IN CONCLUSION

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CALL:

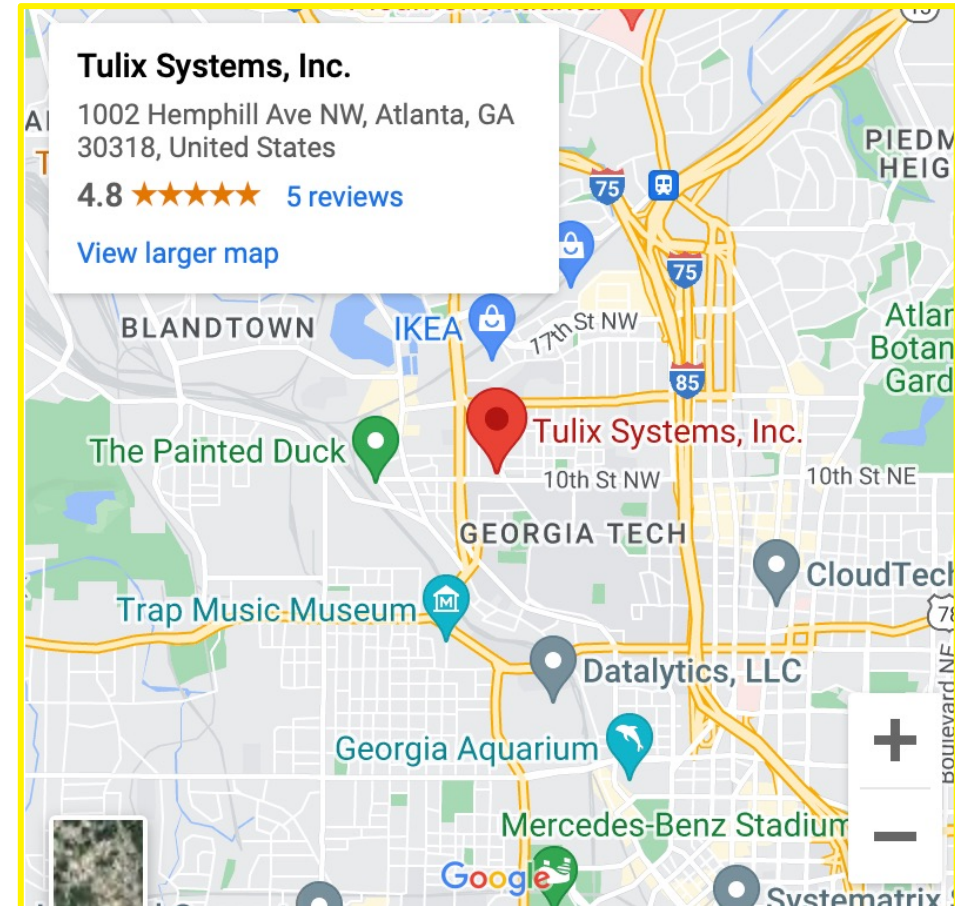
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THANK YOU

TULIX