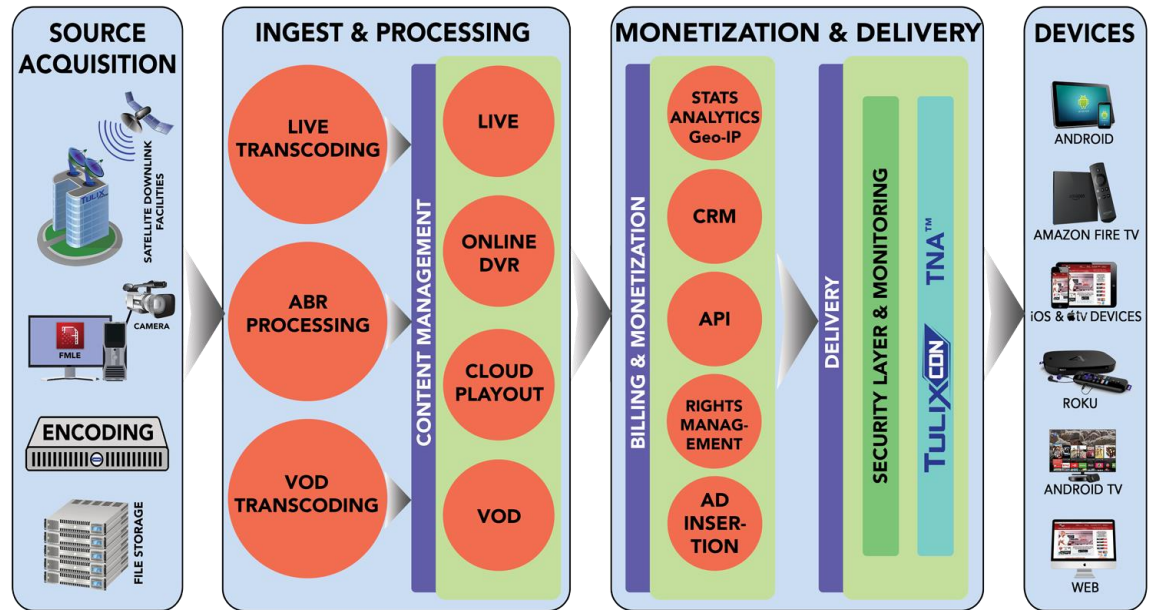


## Broadcasters and Linear TV

Stream live and linear content globally to viewers on all devices on the Tulix Video Delivery Network, built specifically for optimal streaming video delivery. Broadcasters all around the world choose Tulix to deliver their live and linear content to viewers on all devices because of our superior streaming network, expertise, and consultative approach in finding the right solution to match their needs.



## Components

**Live-Streaming Optimized:** Tulix's Video Delivery Network (VDN) was engineered to provide the best possible live streaming experience along the world's fastest backbones using route optimization technology, which provides real-time packet loss and latency mitigation and ensures highest quality delivery to every viewer.

**Linear Cloud PlayOut:** Create a 24/7 live stream by uploading recorded video assets to Tulix's Cloud PlayOut system. Your broadcast can be scheduled multiple days in advance and is delivered as a live linear stream to any device via our VDN. For professional-grade features, Tulix partners directly with Athensa to provide the highest tier of service.

**Delivery to all devices:** Streams are automatically packaged into streaming formats needed for delivery to all devices (including HLS, RTMP, RTSP, HDS, Smooth, MPEG-DASH, etc.). We also provide you with a device-detecting embed code for easy web integration and develop custom white-labeled apps for all major OTT devices.

**Adaptive Streaming:** Sources are transcoded to multiple profiles to ensure compatibility with all devices and buffer-free playback even on weaker internet connections.

**Simple Content Management:** Manage your live streams and how they appear to viewers across all of your websites and applications with a simple and intuitive user interface. Create publishing points with the click of a button, and configure features like DVR archiving and adaptive bitrate uplink.

**Advanced Analytics:** The more you know, the better you can create programming that has your viewers tuning in time and again. Our analytics suite gives you the tools to dig into viewer behavior, and provides detailed performance stats for your video delivery system.

**Monetization:** Generate revenue by charging monthly subscriptions and pay-per-view fees, or insert ads directly into your live and linear content on all platforms with Tulix's Monetization Engine.

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## Benefits

### Superior Network:

We are one of the few CDNs to own and operate our own data centers, giving us full control of the network infrastructure, which we built from the ground up to work optimally for global video streaming to all devices. We use route optimization so that every stream follows the optimal network path to each viewer along only the major tier 1 backbones we use to deliver content.

### Guaranteed Stability:

With complete control of the network infrastructure up to the last mile, we have an unmatched ability to optimize all components of our streaming architecture to provide the highest possible level of stability. Since everything is housed in our own data centers, we have staff available around the clock to provide direct support.

### Blazing-Fast Speed:

Slow video loading is one of the biggest causes of viewer abandonment. 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.

### Consultative Approach:

There is no one-size-fits-all as it relates to streaming. Our customers come from diverse backgrounds and their knowledge about streaming varies greatly. We take the time to analyze their goals and come up with a unique streaming solution that matches their specific needs.

### Highly Scalable:

Planning a live event with a large number of concurrent viewers? Concerned about the impact future subscriber growth may have on your services? With a high-performance 10Gbps streaming architecture and direct connections to the largest backbones in the world, our streaming network scales comfortably and quickly to handle high volumes of traffic.

### Uniquely Versatile:

As one of the industry's oldest streaming veterans, we have an intimate knowledge of streaming technology. That, coupled with our control of our own streaming infrastructure, allows us to support almost all streaming formats (even legacy ones like Windows Media) and develop custom solutions that best meet our customers' unique requirements (such as specific statistics, geographic restrictions, and more).

The screenshot shows a live stream interface with a video player on the left, embed code on the right, and a 'Live Viewers' graph at the bottom right. The graph shows viewer counts over time, with a peak around 09:52:30.

The screenshot shows the 'Playlist Manager' interface. It features a list of days from Monday to Sunday, each with 'Manage' and 'View' buttons. The 'Manage' buttons show the number of active playlists for each day: Monday (6), Tuesday (6), Wednesday (10), Thursday (6), Friday (6), Saturday (6), and Sunday (6). There is also an 'Order Playlists' button at the bottom.

The screenshot shows a live stream control interface. It includes a video player at the top, a playlist table below it, and a system status panel on the right. The playlist table has columns for Start time, Duration, Date, Category, Title, Star, Status, and Location. The system status panel shows various metrics like CPU, RAM, and network usage.