



# Enterprise live streaming platform

## PUBLIC AND RESTRICTED ACCESS STREAMING

Live streaming video is *the* essential medium to rapidly communicate messages or stories to audiences, both small and large. From live streams of CEOs, celebrities and everyone in between, the immediate, dynamic and sometimes unpredictable nature is more compelling for audiences than on-demand content.

However, live streaming is not without its challenges. While your content can be unpredictable your stream should not. Selecting the right provider plays a major role in the success of a broadcast. Not all providers are created equal, with many sacrificing reliability and quality to provide a cheaper service.

## The StreamShark platform

Our platform leverages innovative technology to solve the common pain points around live streaming to maximize the success of your live stream. We aim to deliver the highest quality stream experience for your viewers by architecting unparalleled reliability and redundancy into the core of every aspect of our system.

## Work with us

If you want to learn more about StreamShark or have any questions, please email [info@streamshark.io](mailto:info@streamshark.io) and we will respond to you promptly.

### About StreamShark

StreamShark provides innovative live streaming for some of the biggest and best production teams.

Restreaming

Easily restream to Facebook, YouTube, Twitter and more.



360-degree live streaming

Live stream 4K 360-degree video.



Live streaming to the public

It’s important to ensure that any professional live streams of public events such as product launches and Q&A panels are of the highest quality possible. When a live stream stutters or crashes, frustrated viewers are likely to blame the brand rather than the live stream provider.

At StreamShark, we focus on providing the highest quality streams, with extremely high reliability. We work daily with production crews to ensure every stream is pulled off without a hitch.

Features

- **Multiple CDNs** - Our patented CDN technology dynamically optimizes and unifies leading cloud and network infrastructure providers across the globe.
- **Real-Time Analytics** - Observe and understand your viewers’ behaviour in real-time and after the fact for every minute of your live stream.
- **Restreaming** - Broadcast a single video feed to multiple destinations simultaneously and eliminate the need for multiple contribution streams.
- **Facebook Live Integration** - Use our unique Facebook permission management system to securely receive temporary publishing privilege for your client’s preferred pages.
- **Cloud Transcoding** - Transcode a single contribution feed into multiple qualities and reduce bandwidth requirements.
- **Live 360** - Deliver engaging live 360-degree experiences to desktops, mobile devices and virtual reality headsets.
- **Live DVR** - Allow viewers joining a live stream late, to catch up on any missed content.
- **Instant Archives** - Generate an archive of your live stream within seconds of completion.
- **Live Highlight Clips** - Create video clips of key sections of your live stream while live and share or embed these highlight clips independently of the main live stream.
- **Advertiser Controls** - Embed our unbranded and ad-free video player onto your company’s website, or integrate your own ad network if desired.
- **VIP Monitoring** - Access to dedicated live stream technicians who monitor your event in real-time to ensure the live stream performs as planned.

## Confidential & restricted live streaming

An essential aspect of streaming confidential content is ensuring that the service you use has the highest encryption and security standards available.

At StreamShark we have a vast amount of experience delivering confidential corporate streams for Fortune 500 companies and high growth private companies. Our customers use StreamShark daily for:

- All hands meetings
- Strategy meetings
- Training sessions to authorized employees across teams and geographies
- Any live stream requiring some form of digital rights management, e.g. geographical restrictions

### Single Sign On (SSO)

OneLogin, Okta & Google Suite are supported.



### Encryption & DRM

Lock down viewers based on IP, domain, geographic location, website or any other variable.



### Features

- **Single Sign On (SSO)** - Restrict access to live content in accordance with the company's access control list.
- **Encryption and Digital Rights Management (DRM)** - We apply the highest encryption standards and security protocols to your streams, which ensures your content is only visible to the correctly authorized user.
- **Redundancy and Failover** - Guarantee a consistent, reliable live streaming and viewing experience.
- **Peer-to-Peer (P2P) Delivery** - Reduce bandwidth load on your corporate network by sharing live stream content between viewers on your internal network.
- **Dedicated Servers** - Completely control the live streaming experience with our fully managed dedicated servers.
- **Audit Trail** - See every action taken by authorized users within the StreamShark portal.
- **Custom Development Work** - Engage StreamShark engineers at an hourly rate for custom development to integrate our platform with your existing systems, or implement new features.

## Technical specifications

### Ingest

- Global infrastructure
- Primary and redundant backup ingests
- Transcode a single high-quality stream into multiple qualities
- Support for high resolution (4K) and high bitrate contribution streams

### Input/output codecs

- Video: H.264, VP9
- Audio: AAC, Vorbis and Opus

### Output containers/formats

- HLS and DASH

### Delivery

- Multi-CDN
- Encrypted (For internal streams)
- Native Facebook Live integration
- Secure HTTPS embeds
- P2P delivery
- Restream to any destination that accepts RTMP e.g. Facebook, YouTube, Twitter and Twitch

### Video player

- Desktop and mobile device compatible
- Unbranded
- Native in-line Facebook & Twitter playback
- Automatic failover from primary to backups
- Hot swap sources
- Manage pre-event, main-event and post-event behaviour with a single video player/embed
- Embed restrictions
- Adaptive and manual bitrate selection
- 360-degree video playback supporting VR headsets, desktop and mobile devices

### Other

- Real-time stats
- Live DVR
- Instant archiving
- Live highlight clips
- Ad free
- Full platform API for automation

## Speak with us

We'd love to chat and learn more about your live streaming requirements.

Email us here:  
[info@streamshark.io](mailto:info@streamshark.io)