ASD Technologies

XSteamer

Video Streaming Service
XStreamer: What Is It?

XStreamer is a cloud solution for real-time video processing:

- Real-time streaming to a large number of the simultaneous audience (100+ thousand and more),
- Real-time and offline transcoding (into device-optimized presets),
- Capturing live streams from IP-cameras and professional studio equipment,
- Build-in camera control,
- Unlimited archiving of captured video.
The Main Purpose Of XStreamer

XStreamer is perfect for real-time video broadcasting in the Internet using HTTP Live Streaming, with a large number of the simultaneous audience (100+ thousand and more).
XStreamer: Supported Output Formats

Output streams are optimized for:

- Smart TVs,
- Mobile devices (Apple and Android),
- HTML5 and web players,
- It is possible to create a custom transcoding preset for your needs.
XStreamer supports large number of input video sources, you will not be worried about preparing clips for streaming.

Supported input formats:

- avi, mpg, mkv, mov, mp4, mts and others

Supported input protocols:

- RTMP, RTSP, HTTP, HLS and others
XStreamer Use Cases

Internet TV, IP-TV
XStreamer Use Cases

Translations of sport events
XStreamer Use Cases

Online translations from theaters or another public places
XStreamer Use Cases

Video Surveillance
XStreamer: Backend Features

- XStreamer is developed for Amazon AWS.
- It is OpenStack-ready.
- Most innovative technologies are used in XStreamer.
- Build-in integration with custom CDNs.
XStreamer supports unlimited horizontal scaling and multi-region deployment.
XStreamer: Fault Tolerance

No Single Point of Failure. Internal failover protection provides stable service for 24/7/365.
Using of proven open-source based solutions provides high flexibility.

XStreamer can be modified to satisfy all customer needs, such as integration with a customer’s infrastructure.
XStreamer: Video Processing Features

- Support of 3D video and 4K video
- Subtitles support
- Input streams from cameras can be saved without quality loss.
- Recordings can be exported to various video formats, such as mp4, mov, mts, avi, mkv and others.
- Support of external sources of video content, such as Youtube, Vimeo and others
XStreamer: Security Features

XStreamer provides authorized access to streamed and captured content.

There are several roles such as: Administrators, Content Editors, Users. “Black” and “White” user lists.
XStreamer: Usage Statistics

XStreamer provides a lot of usage statistics data. It is ready for custom report creation.