Carrier-grade video streaming software platform
**Flussonic engineering team** has been developing software for processing and streaming video since 2010. Our products allow operators to capture, transcode, archive, and deliver uninterrupted video to end-users.

We offer solutions for IPTV, OTT, cloud services, as well as video surveillance projects. Our software generates revenue for many loyal customers in more than 100 countries around the globe.
**Flussonic Media Server**

is a multi-purpose server software solution for deploying high-load video streaming services of any scale. The system allows operators to implement online video projects of any complexity.

Flussonic serves as a video processing core for many video streaming businesses all over the world. Thousands of IPTV and OTT operators, video surveillance and intercom projects, and middleware vendors have already chosen our solution.
IPTV and OTT
Flussonic Media Server is a carrier-grade platform for OTT and IPTV services. Operators can capture, transcode, record archives, manage users and threads, and deliver professional multi-protocol video (live and on-demand) to any part of the world. The system has a built-in statistics module that provides access to real-time data for video traffic, user sessions, and content consumption.

Middleware
Flussonic Media Server is a reliable solution for video transport of any kind and complexity. It is used to organize live video broadcasts with IP cameras and to provide access to massive on-demand video libraries.

With Flussonic Media Server operators can embed a video streaming module into any web project requiring transmission of video over public Internet or private networks-intercom, webinar platform, mobile device video recording and streaming, etc.
DEPLOYMENT SCENARIOS

**Video Surveillance**
Flussonic Media Server can be used as a solid foundation for developing a custom video delivery service or a surveillance system that captures video from thousands of geographically distributed IP cameras and stores an archive of any depth.

**Video content delivery networks (Video CDNs)**
Multiple Flussonic Media Servers can form a cluster which makes it an ideal origin server software for many CDNs.

The use of Flussonic in content delivery networks lowers down maintenance costs and adds an extensive list of features that can satisfy needs of any demanding customer.
**PRODUCT FEATURES**

- **SRT, RTMP, RTSP, HLS, Low Latency HLS, HDS, HTTP** MPEG-TS, **MPEG-DASH**, and **WebRTC** streaming protocols.
- High-performance graphics core.
- **H.264, H.265, AV1**, MPEG-2 Video, AAC, MP3, VP6, Speex, and G711 a/u codecs for ingress and egress.
- Flussonic can form a **cluster with unlimited number of ingest, origin, and streaming servers.**
- **Smart routing** of video streams between servers in cluster.
- **Multiple redundancy options** based on Flussonic Cluster mechanism, including N+1, N+M, **Source Stream Failover**, and many others.
- **3000+ simultaneous connections** per single Edge server.
- **Efficient video archive** that can store years of uninterrupted video recordings.
- **Live Video** archives and **VOD** content can be stored on local disk drives, CEPH, NFS, or in S3/Swift clouds.
- **Instant access** to live video feed and to archived recordings.
- **Advanced monitoring system** that controls system load and performance.
- **Support for all major DRM systems** and Cloud Multi-DRM providers.
- Full support for **DVB-Subtitles and Closed Captions.**
- **User-friendly** Web-UI.
- **Rich and well-defined API** for programmatically controlling and managing all functions of the Media Server.
**TRANSCODER**

**Flussonic Media Server** includes a built-in transcoder for video streams.

It is powered by CPU-or hardware-accelerated libraries from NVidia and Intel. The transcoder supports AVC/h.264, Mpeg2, and HEVC/h.265 codecs for sources and outputs.
REDUNDANCY

Cluster Ingest mechanism offers extensive stream and server redundancy options. This option along with sophisticated monitoring and statistics engine ensures system reliability and gives operators a peace of mind.
**Flussonic Media Server**
can call via h323 protocol and ingest video data as general stream. This protocol is used by many other manufacturers and software developers, including Polycom.

After simple setup Flussonic will connect to specified hostname and will encode video with desired bitrate. Audio will automatically transcoded to AAC.
We offer flexible licensing options including monthly, annual, and perpetual licenses.

Extended technical support plans and professional services available.

To arrange an online demonstration or discuss your project please send a request to info@flussonic.com.