stirlitz
MEDIA SOFTWARE

broadcast & IP › compliance • recording • multiviewer • monitoring

software – under your control – local or in the cloud

IP Multiviewer

○ **Software based video multiviewer**
○ **Up to 36 HD stations per screen**

> Modern, innovative software solution to display any number of channels in a mosaic on one or multiple screens

The IP Multiviewer runs on a standard Windows workstation or server with NVIDIA GPU, supports any MPEG-TS source, supports 4K/UHD and offers visual alarms & statistics.

Combining IP Multiviewer with Stirlitz Media Logger and Stirlitz Media MPEG-TS Monitor allows broadcasters, satellite platforms and cable TV to create a tailor-made Master Control Room based on generic servers running Windows OS.

The Stirlitz Media team has deep knowledge of IP video and audio and we use it to provide our clients with custom solutions for their projects. All our products are software-only and available for testing at no charge.

Main features:

○ Software based video Multiviewer, light and fast
○ Works on generic hardware with Windows OS and NVIDIA GPU
○ Native IP support, ASI supported over gateway
○ Up to 36 HD per screen
○ Video: HEVC/H.265, AVC/H.264, MPEG2; SDI in custom projects
○ Audio: AC3, E-AC3, AAC, AAC+, MPEG 1/2;
○ Support for MPEG-TS over UDP/RTP/HTTP
○ Support for RTSP, HLS, MPEG-DASH in custom projects
○ Display of audio levels/loudness
○ 4K/UHD display support
○ Flexible display layout
○ Unlimited number of channels in one integrated system
○ Web preview and management
○ Flexible alarms including visual, SNMP, SMTP
○ DVB Subtitles support
○ All alarms and statistics logged in central database

Stirlitz Media MPEG-TS Monitor

Software based QoS/QC monitoring for MPEG-TS

Stirlitz Media MPEG-TS Monitor is a software based solution to monitor any number of MPEG-TS feeds. Stand-alone it allows for live monitoring of all vital parameters of MPEG-TS, from quality of delivery, through all elements of the stream, up to quality of metadata delivery – like subtitles or SCTE35.

Combined with the Stirlitz Media Logger and Stirlitz Media IP Multiviewer it allows broadcasters, satellite platforms and cable TV operators to create a custom-built master control room based on generic servers running Windows OS.

Main features:

- Comprehensive MPEG-TS monitoring, stand-alone or integrated into SML or IP Multiviewer
- Full DVB streams support
- Monitoring of all parameters specified in TR 101 290 with 3 levels of errors priority
- Monitoring of metadata delivery – including subtitles and SCTE35
- Stream statistics
- Frame freeze/black detection (when used with IP Multiviewer or SML)
- Media delay/loss check
- Video and audio decoding control (when used with IP Multiviewer or SML)
- Error and statistics logging to central database
- Integrated reporting
- Flexible alarms – sent through visual alerts (when used with IP Multiviewer), SNMP, e-mail, central management console
- Optional development of additional features based on client requirements

The Stirlitz Media monitoring software suite includes:

- Logger: capture, store and access multiple video, audio and metadata sources
- IP Multiviewer: display one to many video sources in mosaics on one or more screens
- MPEG-TS Monitor: full stream analysis, reporting, error and statistics logging, flexible alarms

Custom-built solutions

Solutions for broadcasters, satellite platforms and cable TV

All Stirlitz Media software is developed in-house, by a dedicated team with deep knowledge of broadcast IP, focusing on MPEG-TS. Having complete control over how IP data is processed within our systems, we can include support for custom data and workflows and can therefore develop solutions that exactly meet your requirements.

SML offers standard integration features such as the web API, allowing you to embed elements of the SML webPlayer into any other web application; the Metadata module, through which SML can ingest multiple levels of external metadata; or SMP where you can create scripts that automatically export selections of the recorded logs, triggered by time, metadata or events.

But you can also request something unique, that better matches your current systems or improves your workflow.

Please contact us for more information.