Data Sheet

dimetis®

BOSS STREAM Viewer (BSV)

Multiviewer for stream monitoring and analysis of uncompressed videosignals

BOSS STREAM Viewer is a software-based multiviewer to monitor uncompressed video signals in SD or HD, DVB over IP or ASI and OTT-formats like HLS, MPEG-Dash and ICECAST side by side.

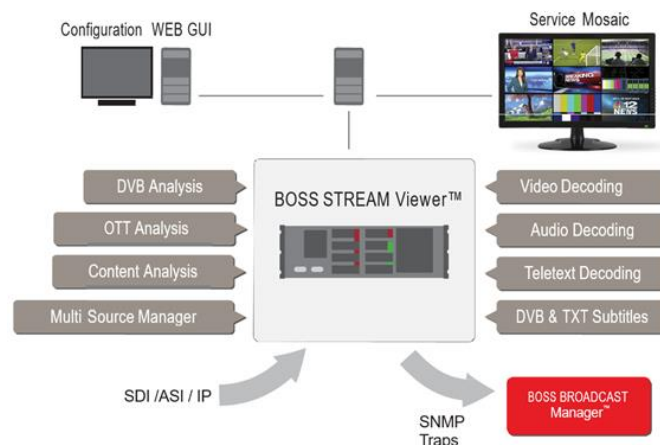### Mastering the challenge of diversity at a glance

Today the large number of different distribution channels are a challenge. Further more there is the need for 24 hours monitoring and reliable visualization of alarms. BOSS STREAM Viewer provides you a tool to monitor and analyse your signals in just one multiviewer.

BOSS STREAM Viewer performs a real-time analysis of DVB subtitles, teletext, teletext subtitles and a visual alarm notification in case of failure.

Perfect interaction with the broadcast management platform

BOSS STREAM Viewer is also capable of notifying errors to third party systems like BOSS BROADCAST Manager, based on the Simple Network Management Protocol (SNMP). Depending on your requirements you can switch between different screen designs in conjunction with BOSS BROADCAST Manager.

BOSS STREAM Viewer is suitable for use in compression, playout, and transmission centers, for DVB, OTT and IPTV headends, as well as for network operation centers and IPTV distribution networks. The multiviewer can be integrated into the existing infrastructure as it operates on standard server hardware.

Graphical identification by labels and overlays

BOSS STREAM Viewer provides the possibility for configuring and positioning labels. In case of an error a label changes its colour. In addition use labels to monitor for example AIT and DSM-CC (HbbTV). Monitor DVB subtitles and teletext as transparent overlay or by the use of labels.

Pop-up alarm notifications and EIT

Visualize errors with pop-up alarm notifications. Notify errors to 3rd party systems. Show the title and progress of the present event and the title of the subsequent service. Show audio bars as overlay or beside the screen.

Maximum flexibility in screen design

Simplify monitoring and don't lose sight of anything. Show classic signals and Over the top content (OTT) on one screen. Save different screen designs and switch between them. Switch between different screen designs automatically in conjunction with the BOSS BROADCAST Manager.

Create your own screen design

Pop-up alarm notifications

Powerful in terms of decoding and transport protocols

BOSS STREAM Viewer supports the video codecs MPEG-2, H.264, H.265 and VC-1 and all common audio formats, such as MPEG-1 Layer 2, HE-AAC, AC-3 and E-AC3. The multiviewer also masters HLS, MPEG-DASH and ICECAST.

Premium analyse tool

BOSS STREAM Viewer analyses the PID, PMT, SDT, EIT, VBI, WSS and VPS. Detected errors can be visualized and communicated to 3rd party systems. The multiviewer can automatically detect program labels and dynamically following the PMT (Program Map Table) for regionalization.

All DVB input signals are analysed for video freeze, video black, audio silence, audio overload, audio constant and signal loss. BOSS STREAM Viewer also performs a real time analysis of DVB subtitles, teletext, teletext subtitles and a visual alarming in case of failure.

→ Who we are.

Dimetis is a carrier grade software development company that serves the media and service provider industry. The mission is to create solutions that simplify, optimize and secure the communication and management of video, audio and data infrastructures along the media value creation chain.

Find out more insights.

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