

IP Based monitoring Solution

Multix is an IP based monitoring solution targeted at applications where simple and efficient monitoring of audio and video from an IP transport stream is required. Multix includes the ability to monitor at the transport stream level. It determine faults with the audio and video at the baseband level.

Multix is developed to be used as a tool for digital headends, IPTV networks and sites delivering content to the web and handheld devices. Multix is the solution for decoding, displaying and monitoring multiple IP based video and audio transport streams. Multix can display the decoded video and audio on one or two DVI/HDMI outputs, with support for any display technology on the market. Multix supports all major video and audio compression standards and therefore can be used in almost any application where video and audio are being transported over IP.



KEY FEATURES

- Multi-Image display of multiple IP based video programs with associated audio level bars and UMDs
- Supports IP based monitoring and display from an up to 1Gb/s Ethernet network
- Supports both SPTS and MPTS Stream
- Supports all major video compression standards: MPEG 2, H.264 / MPEG 4 AVC, MPEG 4 Part 2, VC-1
- Supports all major audio compression standards: MPEG1-L2, AC3, AAC
- Video monitoring: loss, black, freeze
- Audio monitoring: loss, audio silence, audio fluctuation
- Simple on-screen layout tools, including window creation and layout
- Includes additional informative objects: analog clocks, digital clocks and more
- Various Alerts : On-screen, Audio, SNMP, Email and SMS alerts
- Built in window/stream cycling
- Audio VU Meter support multiple Audio (max 10)
- Keyboard shortcut for Output Audio Selection
- Capable of generating a maximum 24 thumbnails in the video output
- Single system can power two different displays each of which can sport different visual layouts

Physical Interface

Inputs:

- IP Input: Gigabit Ethernet
- Connector: RJ-45 x2
- Stream : SPTS or MPTS

Outputs:

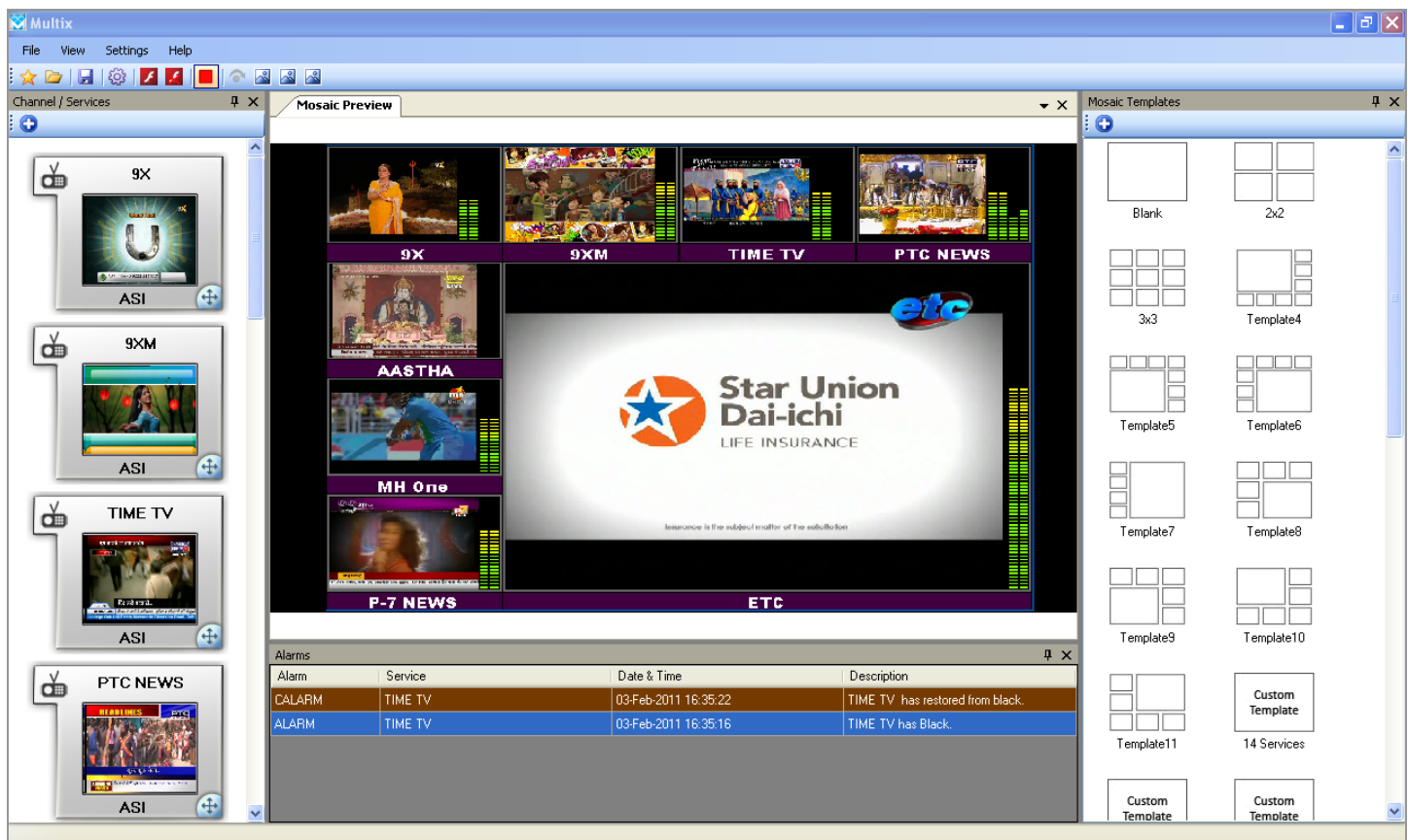
- Video Outputs: DVI-D x2
- Resolution: XGA up to WUXGA (1920x1200)
- Audio Outputs: Connector: 3.5mm audio jack

Supported Video Compression Formats:

- MPEG-2 SD (MP@ML)
- MPEG-2 HD (MP@HL)
- MPEG-4 Part 2
- H.264/MPEG-4 AVC SD (MP@L3)
- H.264/MPEG-4 AVC HD (MP@L4)
- VC-1 (SMPTE 412M)

Supported Audio Compression Formats:

- MPEG-1 L2 Audio
- AC3 Audio
- AAC Audio



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