

- CONTENT DETECTION
- LOGO DETECTION
- RATING ANALYSIS
- MEDIA MONITORING
- COMPLIANCE RECORDING

ABOUT

Equinox Media Intelligence System is a full featured media recording and retrieval system for TV and Radio content. It can take multiple kinds of input and record it in internal or external storage. Having many powerful add-on modules like Content Detection, Multi-viewer and Ratings Analyzer, Equinox is being used in almost every department of a media company, as listed in the Use-cases below.

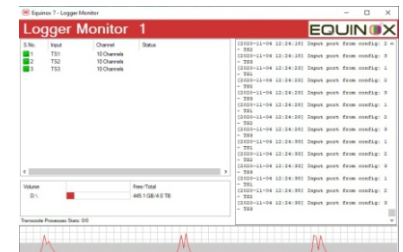
- COMPLIANCE RECORDING
- CONTENT DETECTION
- INGESTING
- MEDIA MONITORING

- RATINGS ANALYSIS
- VIDEO CAPTURE
- VIDEO STREAMING
- MEDIA ARCHIVING

USAGE

COMPLIANCE

- 24 x 7 x 365 days continuous recording or time scheduling
- Auto Detection and Logging of Service Changes in MPTS/SPTS
- Fault detection with SNMP Traps, & Email reporting
- Unique Cloning backup feature
- Supports recording of TS in it's original format (Native) to monitor
- Supports recording of TS in its raw format for monitoring and review
- Auto-recovers from fault conditions, like stream loss, PID loss etc.
- Date and Time stamping on clips
- Auto purge clips on FIFO basis
- Simultaneous recording in different rates/format/resolutions



- Create and Share custom Markers
- Search on Channel, Date Time & Metadata
- Allows browsing with fast/slow, forward/rewind
- Allows navigation on user selectable period thumbnails
- Export content to any format
- Flag ranges to prevent auto-deletion of important content
- Live annotations entry & view
- Simultaneous browsing of multiple live/recorded channels

MEDIA MONITORING

RATINGS ANALYZER

- Supports unlimited number of demographic groups
- Facility to add new demographics on the fly
- Supports comparison of multiple channels
- Allows Zoom in/out on for a more detailed view
- Option to save a snapshot of the Ratings graph
- Automatic collection and analysis of Live Youtube Streams Ratings



- Allows search on all content
- Facility to mark portions of captured video, or import external clips to be searched
- User selectable criteria allows flexible searches
- Extremely fast search engine, gives results within seconds
- Customizable report with facility to export
- Search Video on channel/ Brand Logo, Graphics popup or OTT content

CONTENT DETECTION



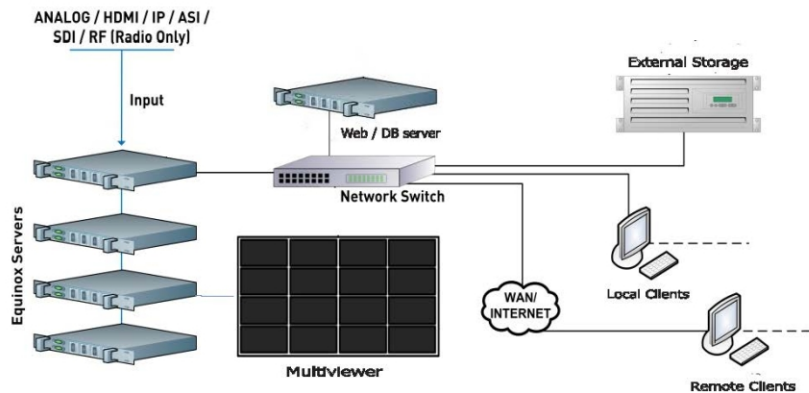


- Multi-viewer to monitor Live channels
- Live alerts with each channel with visual indications
- Real-time audio level indicators
- Supports custom layouts
- Monitors CPU load and free Disk space

MULTIVIEWER

FEATURES

- Live Cloning for seamless backup
- Ratings Analyzer - Compare Multiple Channels visually
- Youtube Rating Analysis
- Loudness monitoring as per ITU/EBU standards
- Remote Configuration
- System Health Management with email alerts
- Audio/Video Loss, Video Freeze/Black detection and alert
- Single Point Web Based Configuration of the entire system
- Supports DVB-Subtitle, Close Caption, DPI SCTE-35
- Supports DVB-CAS, DVB-CSA, BISS-1, BISS-E Encryption
- Add Advance Timelines based editor to overlay text to images and animations & other effects
- EPG / As-run Inputs
- Archive to external SAN/NAS
- Flexible video and audio bit rates
- Multi-Viewer to monitor live channels
- Content Search on Audio & Video
- Generates SNMP Traps for all alerts
- Client interface works on all major browsers
- Integrated with various third-party services
- User Selectable Service No, PIDs for TS
- Supports Multiple Audio up to 16 Tracks
- Full Metadata Support



WORKFLOW

TECHNICAL SPECS.

	Analog	SDI / HDMI	IP / ASI	RF
Video	SD - PAL, NTSC	HD/SD - SMPTE (292M, 259M, 296M, 372M, 425M level A, 425M level B, 435	MPEG2, MPEG4, H.264, HEVC, H.265, HLS Recording	NA
Audio	8-bit and 16-bit mono or stereo 8KHz to 48KHz, Dual Mono	Embedded Up-to 16 Tracks	MPEG1 Layer II, HE/LC, AAC Ac3 (Dolby E, Dolby Digital PLUS 5.1) Up-to 16 tracks	FM: 87.5 - 108.5 MHz DAB(+):174 - 240MHz
Configuration	1, 4, 8, 16, 32 Channels per server	SD-1,4,8,16,32 channels per server HD-1,4,8,16 Channels per server	Upto 50 channels per server	Upto 32 channels per server

Recording Rates
Video -128kbps to 10mbps/Audio - 8kbps to 640kbps

Form Factor
1U Server class system

Media Storage
90 Days or as per requirement in RAID 0, 1, 3, 5, 6

Power Supply
570W AC power supply (Single or Dual Redundant)

Mounting Rails
Extendable 25" to 33.25"

AC Voltage
100 - 240V, 50-60 Hz, 7 - 3Amp

Temperature
Operating 5 - 35° C
Non-operating -40 - +70° C

Dimensions
W x H x D: 17.2" x 1.7" x 19.8"

Gross Weight
16.3 Kg (32 lbs)

Humidity
Operating 8 - 90% non-condensing
Non-operating 5 - 95% non-condensing



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