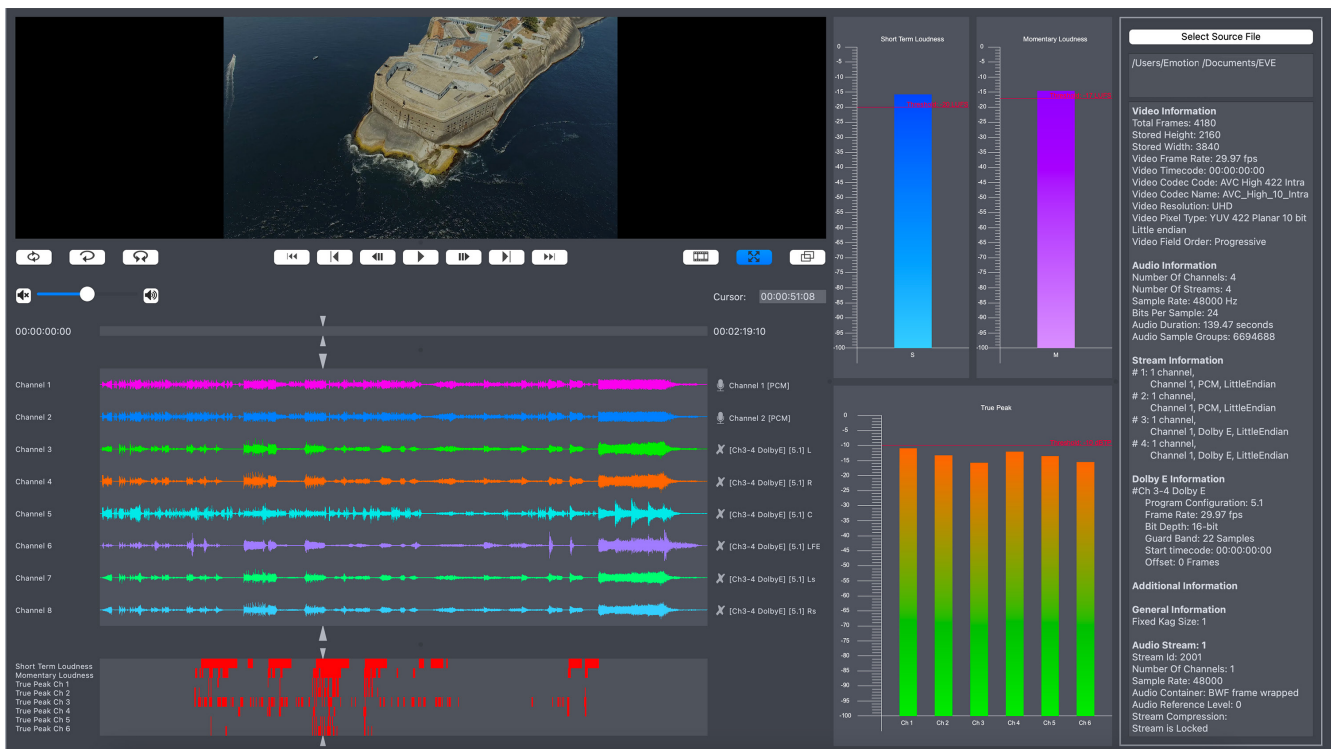




Eve: Emotion Verification Engine

A media player with an audio focus

Emotion Verification Engine (Eve) is a software product designed to display broadcast-ready files in native resolution. Not only this, but Eve can also display loudness errors for PCM audio as well as various Encoded audio formats. The software assists human QC by showing all the various audio information within your files.



Key Features

Displays video and audio material as well as loudness information

- Video (native resolution)
- Audio waveforms
- Audio meters
- Encoded audio

Multiple timelines for easy navigation

Comprehensive metadata display

Adjustable audio, video, and graph display

Can display any combination of loudness measurements*

- Program Loudness
- True Peak
- Loudness Range
- Legacy (PPM, VU Metering)

*Loudness measurements displayed after creating and importing Loudness log from Eff/Engine

Video

Supports broadcast standard file formats

- MXF
- MOV
- Transport Stream
- IMF

Display Video in Native Resolution ability to display SD, HD, 4K and UHD broadcast standard files

Pop-out window for Dual Monitors allowing users to assess video quality on a separate monitor to the audio

5 frame Proxy view

Audio

64 channels of Audio

Audio Waveforms

Allows operator to visually verify if there is audio or silence in the file

Display Encoded channels

Allows the user to visually inspect and verify the channel layouts that are present (5.1, Stereo, Mono)

Display encoded audio

- Dolby E
- Dolby Digital
- Dolby Digital Plus
- AAC inside MP4

Flexible audio monitoring

Can play out individual or any number of selected channels

Metadata

Video Information

- Total frames
- Height/Width
- Frame Rate
- Timecode
- Video Codec
- Resolution

Audio Information

- Number of Channels
- Number of Streams
- Sample Rate
- Bit rate
- Audio duration

Stream Information

- PCM or Encoded Audio
- Channel labelling (L, R, C, LFE, Ls, Rs)

Container Information

Summary

Containers/Formats supported:
BWA, WAV, QT MOV, TS, MXF, MP4,

Audio formats supported:

Mono, stereo, 5.1, and further surround formats
Dolby E
Dolby Digital
Dolby Digital Plus

Audio sample rates supported:

44.1kHz, 48kHz

Audio bit depths supported:

16bit, 24bit

Frame Rates Supported

23.98, 24, 25, 29.97, 30

Loudness measurements:

Export a loudness XML from Eff or Engine. This can then be loaded into Eve alongside the relevant source file,

Platforms supported:

Windows 10, Server 2012/2016. Mac OSX 10.8 onwards. Linux

Configurations

	Eve	Eve +
Video	✓	✓
MOV	✓	✓
MXF	✓	✓
WAV	✓	✓
Transport Stream	✓	✓
IMF	✗	✓
Audio Waveforms	✓	✓
64 Channel	✓	✓
External WAV import	✓	✓
Encoded audio display	✗	✓
Dolby E	✗	✓
Dolby Digital	✗	✓
Dolby Digital Plus	✗	✓
AAC in MP4	✗	✓
Metadata	✓	✓
Loudness XML Import	✓	✓