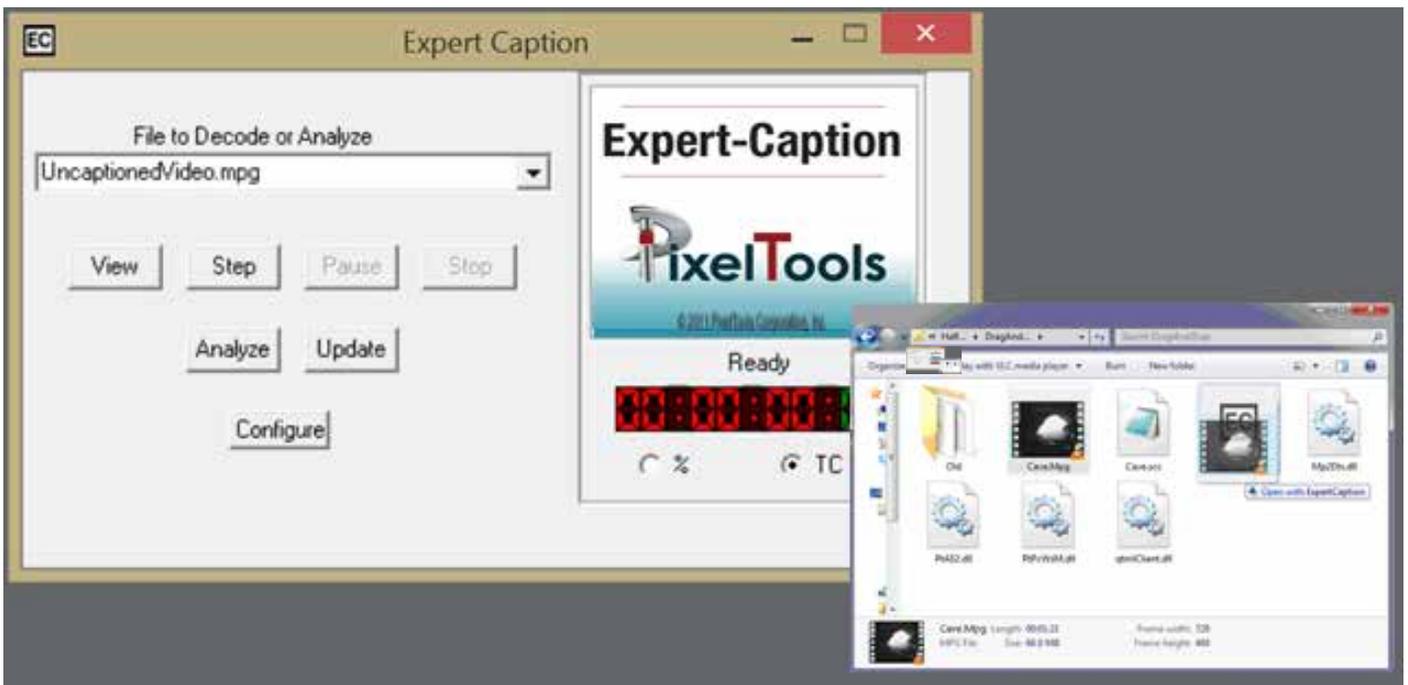# Expert-Caption®

Closed Caption Insertion into AVC and MPEG Streams

Expert-Caption® inserts captions from plain text or captioning files into AVC or MPEG streams without transcoding the video. The tool supports CEA-708, CEA-608, DVD and other captioning formats and outputs transport, program, or MP4 streams. The resultant captioned streams are compliant with broadcast and onboarding standards for Video On Demand (VOD), CableLabs, ATSC, and Over-the-top (OTT) applications.

Captioning your files has never been easier. Just drag your uncaptioned video to Expert-Caption and the program will do the rest. The tool can also be run in the batch mode allowing you to automatically caption thousands of files or to integrate captioning into your video workflow.

Expert-Caption includes compliant CEA-708 and CEA-608 captioning decoders that allow you to do a quality assurance pass of your captioned video before delivery.

Expert-Caption is a versatile caption insertion, extraction, verification and debugging tool. Also Expert-Caption supports real time caption insertion and extraction using IP I/O.

PixelTools Expert-Caption

Benefits

Easy drag and drop insertion of captions into video files

Caption repair, extraction, analysis, and transcoding

Capabilities

Expert-Caption includes compliant CEA-708 and CEA-608 captioning decoders that allow you to do a quality assurance pass of your captioned video before delivery. All languages that have a unicode font will be displayed properly on the CEA-708 window. The tool also includes multi-levels of captioning analysis from a quick property listing of the type of captions found in a video down to the actual control codes, timings, text, and binary captioning codes found in a captioned stream.

- CEA-608 to CEA-708 transcoding
- Analog to digital caption conversion
- Extraction to .SCC file
- SCC file translation to text and time code file
- Caption editing
- Caption removal
- MXF to MPEG caption transcoding
- Caption analysis and troubleshooting

Specifications:

Inputs

WebVtt caption files

Supports Chinese, Korean, and Japanese captioning characters

Transcribed timed captions .VTT

AVC or MPEG video in a Transport, MXF, MP4, or Program multiplexed stream

File or IP input

Transcribed timed captions in .SCC, .TXT, SRT, .CAP, .DDL, or .MCC format

Captioning Formats Supported

- CEA-708 (DTV and NTSC)
- CEA-608
- ATSC
- DVD
- SCTE20
- C-Cube

Outputs

File and Internet Protocol

Captioned AVC or MPEG video in a Transport, MP4, or Program stream

File or IP input

Extracted captions in a .SCC or .TXT file

Elementary video and elementary audio files.

Text file containing the text in a .SCC file

Operating Systems

Windows 11, 10, 8, or 7 on a PC or Mac OS.

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