

# MacCaption CaptionMaker

OVER 100 NEW LANGUAGES  
WITH AUTO TRANSCRIPTION



## Simplify video captioning & subtitling in any digital workflow

MacCaption and CaptionMaker software streamline the process

Captioning and Subtitling products MacCaption and CaptionMaker allow you to easily author, edit, encode and repurpose video captions and subtitles for television, web and mobile delivery. Utilizing exclusive e-Captioning™ technology, MacCaption (for Mac) and CaptionMaker (for Windows) simplify the process of complying with government regulations, enabling greater access to broadcast content for television, online and mobile viewers.

### Auto-Transcribe media in more than 100 languages using Telestream Cloud's Timed Text Speech

Dramatically save time by automatically creating a text transcript of your video using speech-to-text technology. Auto-Transcribe your media in more than 100 languages using Timed Text Speech. This cloud based service uses the power of AI to return texting and timing results to CaptionMaker and MacCaption.

- Text and timing populates directly to your captioning project
- Review text results as they are received along with your video
- Quickly edit text results with new custom keystrokes
- Automatically loop video while reviewing text results
- Index your videos for key word searches

### e-Captioning™ engine

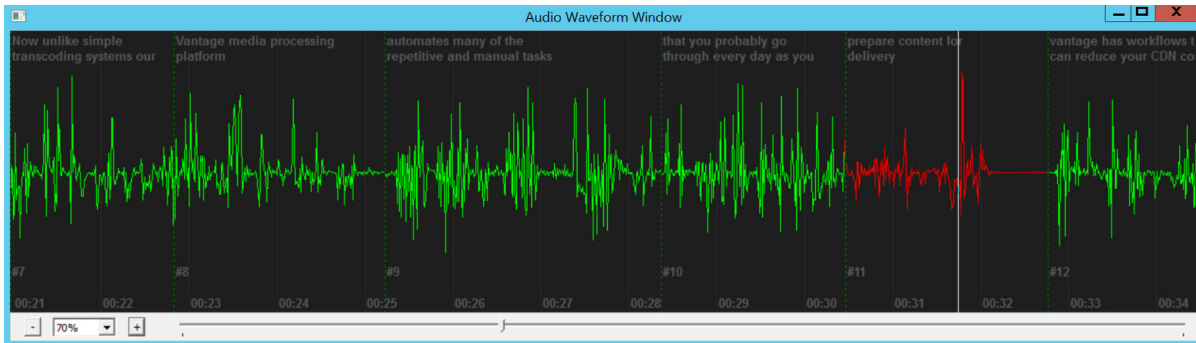
At the core of MacCaption and CaptionMaker is the e-Captioning™ engine. This revolutionary technology integrates with digital production systems to prepare and encode both standard and high definition video with caption and subtitle data.

- Encode subtitles and captions to various file formats
- Export subtitle and caption data to video editing systems
- Embed captions and subtitles into OTT Web and mobile content
- Extract caption and subtitle data from video files or live feeds
- Email captions and subtitle files to your clients
- Edit captions and subtitles in a non-linear interface with batch conversion and automated workflows
- Enhance your closed captions and subtitles with true CEA-708 and OP-47/OP-42 Teletext features
- Expand your potential viewing audience with captions and subtitles in an international market

### Fast, efficient processing

MacCaption and CaptionMaker provide an efficient way for you to comply with federal regulations while maintaining fast delivery of time-sensitive captioned video material.

- Use existing video editing systems, capture cards and video servers
- Begin preparing your captions while you are editing
- Convert captions to subtitles and webcast formats
- Convert the video frame rate and timing of captions or subtitles
- Batch encode closed captions to various video deliverables
- Output Caption and Subtitle files to Vantage for DVB Teletext, DVB Subtitles, and video transcoding with CEA-608 and 708 to various media formats.
- Prepare captions and subtitles in various resolutions and frame rates including 4K, UHD, and 23.98 fps
- Fix, troubleshoot, and legalize problematic caption file formats such as SCC.



*CaptionMaker 8 includes a new Audio Waveform Timeline for critical timing editing.*

### Synchronize your transcript to your video

To caption a video you need a transcript. Then you need to synchronize, or time stamp, the transcript so that each phrase is displayed at the right time. Our Auto Time Stamp (ATS) feature dramatically reduces the time it takes to time stamp your captions.

### File-based Workflows

Use our products to embed closed captioning directly into files, including: MPEG-2 Program and Transport Streams, QuickTime, MCC, and more. Teletext OP-47/OP-42, CEA-608, and CEA-708 read and write are supported for MXF OP1a workflows.

### Closed Captions for Web and Mobile

Our software provides the flexibility to create closed captions for all the popular web and mobile formats, including: Facebook, YouTube, QuickTime, iTunes, Vimeo and Windows Media. It also converts existing closed captions into web formats.

### Caption support for Internet video players

Our captioning products now support all the new Internet captioning formats, including IMSC 1.0, WebVTT, SMPTE TT 2052, EBU-TT, and iTunes.iTT. This allows you to upload your video content with captions for playback on YouTube, Vimeo, iTunes, Android, Safari in iOS7, and Kindle Fire. Universities, government agencies, and corporate video departments can now comply with strict accessibility guidelines by using MacCaption to easily create FCC-compliant caption data and other Internet closed captioning video formats.

### HD captioning and subtitling for video editors

MacCaption and CaptionMaker are the only software products that enable the HD closed captioning functions of Adobe Premiere Pro, Avid Media Composer & Symphony and Sony Vegas. You can edit and output HD and SD closed captions to tape, file, disc, mobile devices, and the web. Output caption support is also provided from most other NLE timelines directly to SD tape.

### Harness the power of your video systems

Most popular NLE systems and capture cards accept Telestream encoded caption files and map the data to the proper location in the HD or SD video signal. We also support popular playout servers.

### Assemble Edit and Automation

Extract closed captions from previously captioned video and re-export them to a variety of formats. Caption and subtitle data can automatically be conformed to match an edit decision list (EDL). Software also supports batch conversion and command line interface (CLI) scripting for automated workflows.

### Live Broadcast and Live Webcast

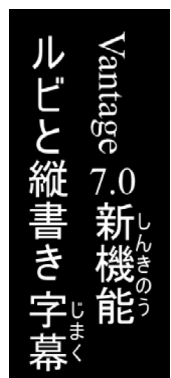
Use our software with a hardware encoder to caption a live broadcast or to live text stream to a web site. Or, use it to caption live YouTube streaming video. Captions can be input via speech recognition software or stenograph.

### DVD and Blu-Ray

MacCaption and CaptionMaker work with all professional authoring programs, allowing you to create closed captions and subtitles for DVD and subtitles for Blu-ray.

### International Subtitling

Subtitling support includes burn-in to .MOV, Teletext OP-47/OP-42, and subtitle overlay exports to video editing and transcoding systems. In addition, CaptionMaker and MacCaption support standard subtitling text formats for conversion to modern OTT subtitling files. Our MacCaption system is excellent for subtitling in foreign languages and has support for custom fonts, drop shadows, and Japanese Ruby annotation formatting. Convert your subtitling project to iTunes iTT for international delivery.



### A choice of captioning configurations

MacCaption and CaptionMaker are both available in three configurations. See the chart below to choose the configuration that's right for you.

	Desktop	Pro	Enterprise
Target uses	Caption and subtitling authoring and editing	Authoring, editing, QC, asset management, TV broadcast exports	Automation & high volume caption and subtitle asset delivery
Target customers	Corporate, independent, academic, government, houses of worship	Caption service providers, TV networks, Post facilities	Major networks, content providers, asset management & distribution services
Authoring/Exports			
Auto-transcription with Telestream Cloud Account Subscription in over 100 languages.	√	√	√
Caption Authoring, Timing and Formatting	√	√	√
Timed Text Speech Cloud Based Auto-Transcription	√	√	√
Auto Time Stamp (sync text and audio)	√	√	√
Export SCC (CEA-608) & MCC (CEA-708) files	√	√	√
Streaming/Mobile Video (SMPTE 2052 timed text--TTML and DFXP, Vimeo, Safari, Android, IMSC 1.0, IMSC 1.1 <sup>1</sup> , WebVTT, SRT, iOS, YouTube, WMV, SAMI, etc.)	√	√	√
Burn-in Subtitles and Basic DVD Subtitles	√	√	√
iTunes iTT subtitle creation, edit, and export <sup>2</sup>	√	√	√
Drop shadow option for subtitling workflows <sup>2</sup>	√	√	√
Japanese Ruby Annotation formatting support <sup>2</sup>	√	√	√
Subtitle overlay (movie w/alpha channel subtitle graphics)	√	√	√
Advanced DVD/Blu-ray subtitles		√	√
TV broadcast and VOD media (ProRes, MPEG-2, H.264, MXF, Avid AAF <sup>1</sup> , tape, etc.)		√	√
OP-47/OP-42 Teletext for MXF Workflows <sup>1</sup>		√	√
Export caption interchange files (CAP <sup>1</sup> , TDS <sup>1</sup> , ULT, EBU-STL, etc.)		√	√
V-chip/XDS/AFD Encoding		√	√
Live captioning <sup>1</sup> (via hardware encoder or web stream e.g. YouTube)		√	√
Caption Asset Management (Imports/Conversions)			
Import plain text, SCC & MCC, web formats	√	√	√
Import interchange files (Cheetah CAP, TDS <sup>1</sup> , ULT, PAC, EBU-STL, etc.)		√	√
Extract CC from video files (MOV, MXF, MPEG-2, etc.)		√	√
Reformat Pop-on <-> Roll-up		√	√
Import Nexidia QC .XML Report <sup>1</sup>		√	√
Automation			
Assemble Captions <sup>2</sup> (conform to EDL)		√	√
Batch processing (GUI) <sup>1</sup>			√
Scripting & External Control (CLI)			√

<sup>1</sup>Currently available for CaptionMaker only

<sup>2</sup>Currently available for MacCaption only

Feature Summary	
Versions for Mac (MacCaption) and Windows (CaptionMaker)	✓
Patented software encoder technology	✓
No hardware required for encoding or decoding offline captions and subtitles	✓
Upgradeable (no hardware to replace)	✓
Edit & convert video files without losing the closed captions	✓
Assemble Captions: conform captions to match an EDL	✓
SD and HD closed captioning software for Avid Media composer, Sony Vegas, and Adobe Premiere Pro	✓
AJA Kona, T-Tap, Io XT, Blackmagic Hyperdeck, and Blackmagic DeckLink HD/SD support in FCP7 & Adobe Premiere	✓
Tapeless workflow support (MPEG-2, MXF, MCC, and more)	✓
Import, export, and convert TV caption and subtitle files to OTT Internet formats	✓
Support	
Toll-free phone/email support	✓
Free video tutorials	✓
Online and in-person training classes are offered	✓
Free demo software downloads	✓
Extensive online knowledgebase	✓
Reference Information	
Used by Apple, Microsoft, Google, Sony, NBC, FOX, Verizon, and more	✓
Thousands of satisfied customers	✓
Used by over 100 caption service companies	✓

## Technical Specifications

### CaptionMaker

#### Windows Minimum System Requirements

- Supported Operating Systems:
  - ◇ Windows 8 and 8.1 (32/64-bit)
  - ◇ Windows 10 (64-bit)
  - ◇ Windows Server 2008, 2012 R2 and 2016
    - Note: "Desktop Experience" feature must be installed when using a Server edition
    - Note: A web browser must be installed when using Windows Server 2016
- 2GB RAM
- 5GB free hard disk space
- Minimum screen resolution: 1024x768 or 1280x720 (720p)
- One free USB port (only if using a dongle based-license)
- Internet access required for Timed Text Speech (transcription) and some online features
- PDF reader required to view documentation
- Auto Time Stamp requires 2GB RAM and Java Runtime Environment (JRE) version 6 or later
- QuickTime Player 7.6 or later is recommended

### MacCaption

#### Mac Minimum System Requirements

- Supported Operating Systems:
  - ◇ macOS Mojave 10.14
  - ◇ macOS Catalina 10.15
  - ◇ macOS Big Sur 11
  - ◇ Note: MacCaption 8 will not install on any OS prior to Mojave.
- Intel CPU, or Apple Silicon CPU using Rosetta 2
- 4GB RAM
- 5GB free hard disk space
- Minimum screen resolution: 1280x720 (720p)
- One free USB port (only if using a dongle-based license)
- Internet access required for Timed Text Speech (transcription) and some online features
- Auto Time Stamp requires Java Runtime Environment (JRE) or Java Development Kit (JDK) version 8 or later.

