

# CapMate

## Captions QC & Correction

Machine Learning based Captions/Subtitle management platform

CapMate™ is a Native Cloud SaaS service for Captions & Subtitles QC and Correction. Whether you are a Captioning service provider, OTT service provider, Broadcaster or a Captioning platform, CapMate can significantly improve your workflow efficiency with its automatic analysis, rich review and correction capabilities. Once completed, you can export the finished captions for direct use in production.

Analysis



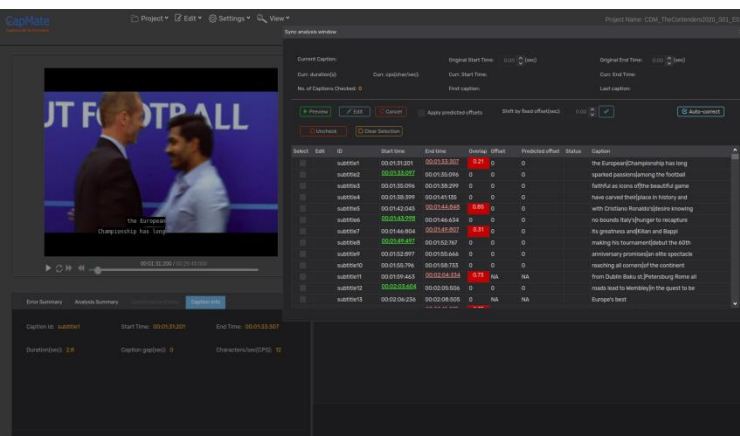
Review



Edit



Export



- Audio/Caption sync detection & correction – Drift, Fixed offset, Random offset
- Burnt-in text & Captions overlap detection
- Profanity detection & replacement
- Spell check
- Timing – CPS, CPL, WPM
- Captions/Subtitles language detection
- Interactive or via API usage

# CapMate Advantages

<b>Cloud based SaaS</b>	No installation or hardware provisioning required, QC processing within minutes
<b>Automated Captions Validation</b>	Process hundreds of titles in parallel in an automated manner
<b>Auto Correction</b>	Automatically correct a range of issues with a single button click
<b>Storage Browsing</b>	Ability to browse content on your native AWS cloud storage
<b>REST API</b>	Easy integration with REST API
<b>Dynamic Scalability</b>	Adjust QC capacity to perfectly match your content volume with dynamic scalability
<b>Secure</b>	Support for pre-authenticated URL, user roles and whitelisting along with strict content usage policies
<b>Low latency</b>	Automatically selects the processing instance in the same region as the content
<b>Popular Templates</b>	Factory templates for Netflix, Amazon Prime and others
<b>Payment Flexibility</b>	Subscription and adhoc plans for different business requirements

## Formats

<b>Caption Input</b>	SRT, SCC, IMSC, TTML, DXFP, SMPTE-TT
<b>Media Input</b>	MP4 file containing H.264 video and AAC audio
<b>Caption Export</b>	All the above formats supported. Export in same format as the input

## Analysis

<b>Text</b>	No. of lines, Line length, Caption position, Profane words, Spell check, Missing translation
<b>Timing</b>	CPS, CPL, WPM, Min/Max Duration, Frame gap
<b>Text/Video</b>	Caption overlap on burnt-in text
<b>Text/Audio</b>	Caption/Audio synchronization
<b>Compliance</b>	SCC, IMSC, TTML, DXFP, SMPTE-TT
<b>Spotting</b>	Video segments containing Burnt-in text

## Editing/Correction

Captions text editing
Captions timing: sync, CPS, duration, caption gaps
Caption position
Text find & replace
Automatic sync correction
Conversion from Upper case to mixed case

## Review/Reporting

CapMate Proxy creation
CapMate Proxy download and assignment for review
Reporting and navigation of all frames with burnt-in text
Filter based error navigation to allow working on specific type of errors
Reports (PDF & XML)