

# BATON<sup>®</sup> Captions

## Automating Captioning Workflows

BATON<sup>®</sup> Captions is an automated solution to manage captions in an easy and affordable manner. Based on the **automatic speech recognition technology**, BATON Captions addresses all your captioning needs, right from content creation to distribution.

BATON Captions is a feature-rich solution that uses Interra Systems' industry-proven expertise in quality control of captions and subtitles. BATON Captions offers advanced capabilities for caption generation, QC and correction. These extensive caption management features on a single platform, help you improve workflow efficiency.

### The Need for Captioning

Captioning enables the text version of speech and other sound to be displayed on television, DVDs, and online videos. It makes media accessible to those who are hard of hearing and enables consumption of media when audio is low or muted. Captioning helps improve literacy, reading comprehension, memory retention and helps in learning new languages.

Captioning is a very tedious task. Due to high volume of content being produced, doing it manually becomes almost impractical. It requires involvement of trained professionals and is a costly affair. Various captioning stages, such as transcoding or editing, can lead to loss in quality of captions. Additionally, captions should comply to various guidelines, such as FCC before they are broadcasted. All these factors contribute to the need of automated solution for captioning.

### BATON Captions – Automating Captioning Workflows

BATON Captions is a new automated solution to address various captioning issues in content.

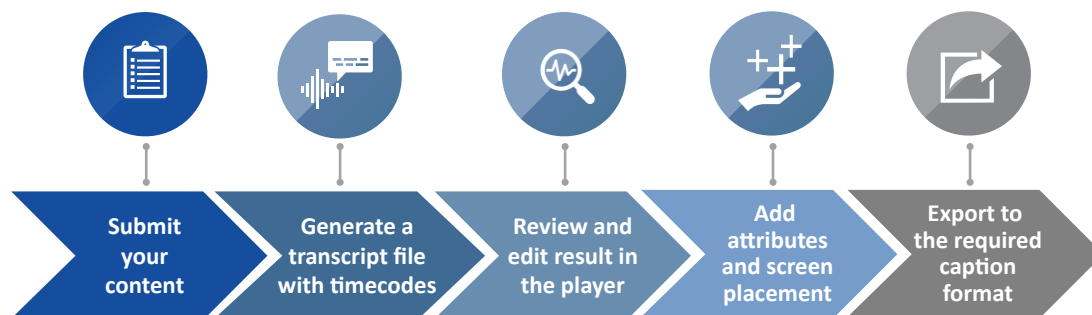
BATON Captions provides various options for correcting alignment, suggesting correct text and missing dialogs in captions. The solution provides different models for caption correction and generation. Using these models, captions can be checked against actual audio essence, corrected and exported to any industry supported caption format.

Additionally, using the auto time stamping with the state-of-the-art speech recognition technology, BATON Captions adds accurate time to dialogs in scripts to generate captions.

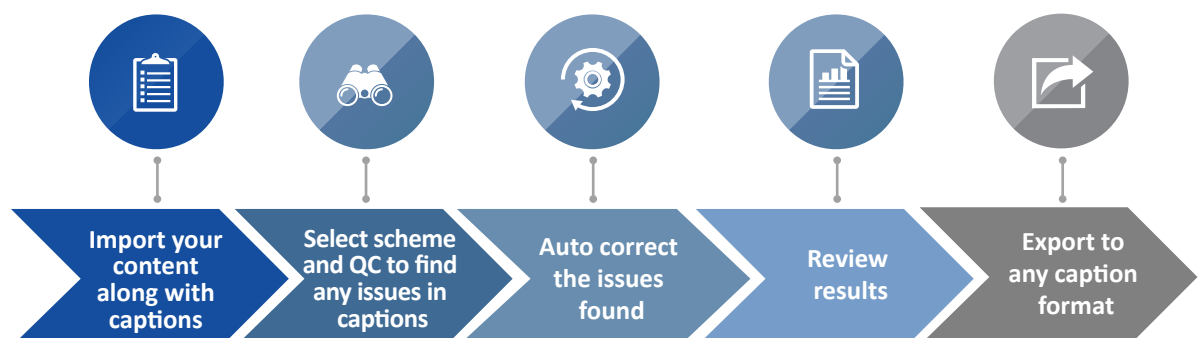
Through its easy to use web-services based API support, BATON Captions can easily be integrated with other tools beyond BATON.

The captioning solution is available for the set-ups deployed on-premises or in the cloud. The application comes with a feature-rich review and editing platform with frame accurate playback options.

With its support for a host of subtitle and CC formats, BATON Captions proves to be a one stop solution to all your captioning needs.



Use Model for Caption Generation



Use Model for Caption QC & Correction

## Key Features

- Uses industry-proven expertise for QCing captions and subtitles
- Uses auto time stamping with the state-of-the-art speech recognition technology to provide accurate times to dialogs in your script
- Uses Natural Language Processing (NLP) for proper line breaks
- Provides multi-lingual support including English, Spanish, French, Portuguese and more languages
- Checks and reports -
  - Alignment issues or inaccuracies with respect to content audio
  - Drops in captions or audio
  - Compliance issues
  - Reading speed, character and row count in a dialog, dialog interval
- Provides result with confidence score for easy review
- Reviews and edits using BATON Media Player, a feature rich review interface which includes-
  - Results of caption detection and correction
  - Manually edited text, time or formatting attributes
  - Audio waveform view
- Offers various correction capabilities, such as -
  - Captions alignment in a single click
  - Correction of inaccurate captions with respect to suggested text or timecodes
  - Addition of missing dialogs
- Rich set of API support
- Supports all embedded and side car formats, all major text and doc formats
- Available on-premises and in the cloud

**Caption Schemes**

The screenshot shows the 'Caption Schemes' page for a 'ForDemo' scheme. It includes a table of 'Scheme Items' with columns for 'Log', 'Check', and 'Correct'. A 'Report as' dropdown is set to 'Serious', and a filter 'CC608 Service Count is not 2' is applied.

**Caption Setup**

The screenshot shows the 'Caption Setup' page under 'Users'. It displays a table of users:

#	Username	First Name	Last Name	Roles
1	admin*	admin		Administrator
2	planner	planner		Planner
3	user	user		User

**Task List Page**

The screenshot shows the 'Task List Page' with a table of tasks:

#	File	Scheme	Type	Actions
1	TestStream1.mxf	ForDemo	Quality Check & Correction	⊗ ⋮
2	TestStream2.mxf	ForDemo	Quality Check & Correction	☑ ⋮
3	DemoStream1.mxf	Captioning	Captioning	☑ ⋮
4	DemoStream2.mxf	ForDemo	Quality Check & Correction	☑ ⋮

## Subtitle Formats

CC608/708 in MXF, LXF, GXF, MP4, M2V, H264, HEVC, and sidecars as SCC, SRT, STL, SAMI, itunes, ASS, WebVTT, CineCanvas, DCDM, Profiles based on TTML1 and TTML2 including EBU-TT, SMPTE2052, IMSC1, 1.0.1 and 1.1

## Quality Checks

Caption Shift, Caption Drift, Accuracy, Completeness, Reading Speed, Character Count, Row Count, Display Duration and more.