BATON® Captions

Content-Aware Captioning & Subtitling

BATON® 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, subtitling, repurposing, 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, editing, Live to VoD workflows, content localization, 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.

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 and suggesting correct text 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 state-of-the-art speech recognition technology, BATON Captions adds accurate time to dialogs in scripts to generate captions.
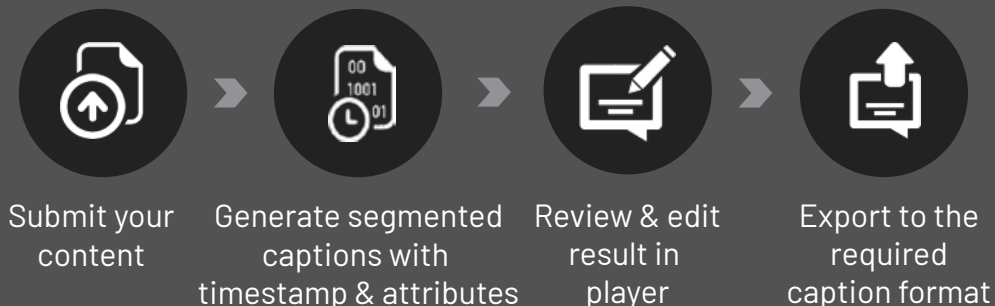
Through its easy to use web-services based API support, BATON Captions can easily be integrated with other tools beyond BATON.

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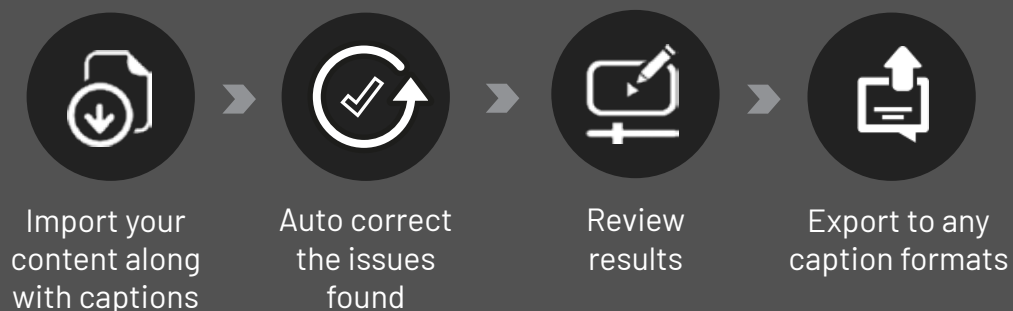
With its support for a host of subtitle and CC formats, BATON Captions proves to be a one-stop solution to all your captioning needs.

Usage Models

Captioning: Generates captions using audio

Submit your content › Generate segmented captions with timestamp & attributes › Review & edit result in player › Export to the required caption format

Captions QC: Checks compliance issues and encoding problems

Import your content along with captions › Auto correct the issues found › Review results › Export to any caption formats

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Subtitling: Translates captions/subtitles from one language to another
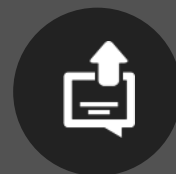
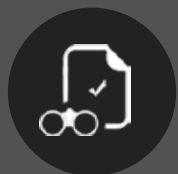**Submit your content** → **Create subtitles in the selected language** → **Review and edit result** → **Export to the required subtitle format**

Repurposing: Regenerates captions for different video targets
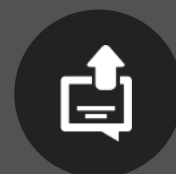
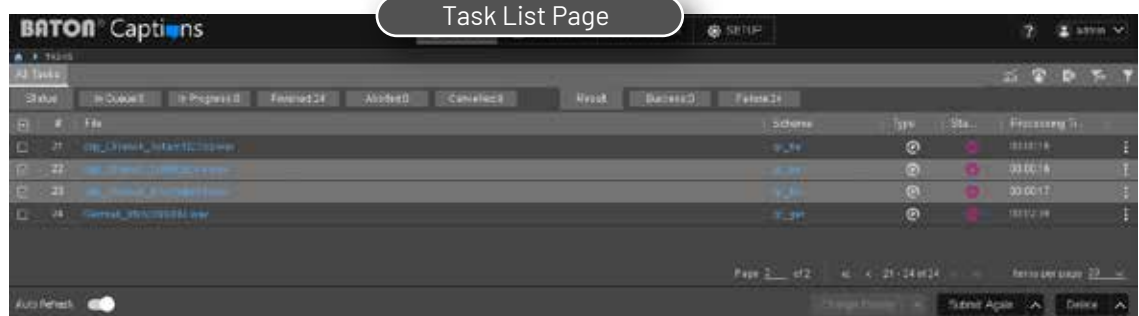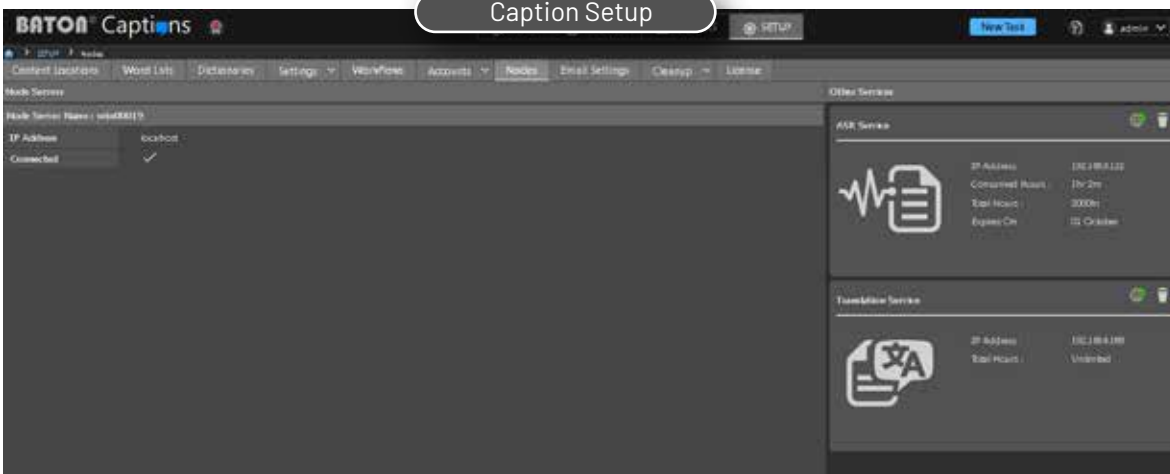**Select your content** → **Customize task options** → **Submit content** → **Review results** → **Export regenerated captions to the required formats**

Key Features

- Uses industry-proven expertise for QCing captions and subtitles
- Uses 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 and content segementation
- Provides multi-lingual support including English, French, Spanish, Portuguese, Finnish, Polish and more languages
- Generates captions from the audio transcript
- Supports subtitling
- Supports repurposing to regenerate captions by modification of framerate, start timecode and new line character of existing captions
- Checks and reports:
  - Overlap issues for captions with burnt-in text
  - Alignment issues or inaccuracies with respect to content audio
  - Ability to censor profane words during caption generation
  - Compliance issues
  - Reading speed, character and row count in a dialog, dialog interval, screen placement, un-desirable words, spelling mistakes, language and much more
  - Format specific checks for TTML, WebVTT and STL formats

- Wide Integrations
  - Vantage
  - Interra's workflow management tool - Relay
- Integrated web-based player to review and edit captions to include:
  - Captions timeline and Audio waveform
  - Rich text editor capabilities
  - Enhances efficiency and productivity
- Offers various correction capabilities, such as:
  - Captions alignment in a single click
  - Corrrection of inaccurate captions with respect to suggested text or timecodes
  - Auto-correction of spelling mistakes in captions
  - Framerate correction/ re-timing
- Rich set of API available as postman collection
- Supports distributed processing using multiple nodes
- Support for SAML SSO
- Supports all embedded and side car formats, all major text and doc formats
- Available on-premises and as SaaS

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Caption Setup

Task List Page

BATON Captions Formats/Codecs Support

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 and EBU-TTD, SMPTE2052, IMSC1, 1.0.1 and 1.1, SSA, MXF-TT, Cavena 890, PAC, CAP, M4V, IMSC-Rosetta

Checks

Caption Shift and Drift issues, Accuracy, Completeness, Reading Speed, Character Count, Row Count, Display Duration, Burnt-in text Overlap and more