

WincapsASR

Improve Productivity by Automatically Creating Caption & Subtitle Files

The rapid growth of video content and delivery solutions coupled with a shortage of skilled subtitlers and tight timetables has added significant pressure to improve subtitle productivity while maintaining quality. Automated Speech Recognition (ASR) delivers **significant benefits** and **new workflows** to **improve productivity** and **reduce turnaround times**, while **ensuring quality**.

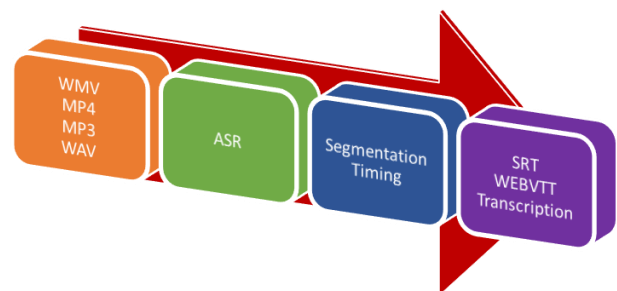
ASR and Automatic Translation

WincapsASR creates caption files automatically from program audio and leverages AI to provide translated subtitles in various languages. The resulting files can be quickly checked and corrected if necessary using conventional subtitle editing software like BroadStream's WincapsQ4.

Key Features

- Productivity improvements exceeding 30% have been reported by users
- Choose from over 50 languages
- Global language models manage international conversations, accents and regional vocabulary
- Custom dictionary and substitution lists for improved accuracy and consistency
- Intelligent segmentation and timing algorithms improve readability without user input
- ASR creates good quality initial caption files from program audio
- Save more time with review and edit: WincapsQ4 provides estimated confidence/accuracy indication and speaker diarization for faster colorization.

System Workflow



Security

- Your video never leaves your environment
- Audio is purged after processing
- On-premises AI hosting option for added security
- Containerised architecture for efficient deployment on-prem or private cloud
- Integrates with your storage solution

WincapsASR

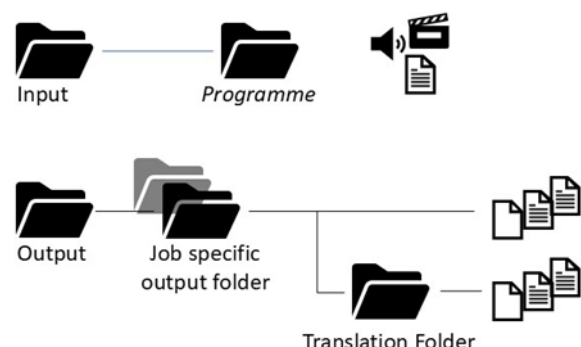
Input Files

- Video: MP4 (including audio track selection, WMV)
- Audio: MP3, WAV
- Other formats subject to testing

Output Files

- SRT, WebVTT and text transcription files

Workflow



Vocabulary & Configuration

- **Custom dictionary:** improves ASR accuracy, use for programme specific vocabulary
- **Word replacement:** automatic substitutions for known issues with spelling, presentation or persistent misrecognition
- **Profanity list:** a special substitution list supporting wildcards and replacement strategies
- **Segmentation & timing rules:** creates well-formed text blocks respecting word timing, punctuation and linguistic style rules plus timing rules for duration and gaps between captions/subtitles.

Available Languages

Arabic	Bashkir	Basque	Belarusian
Bengali	Bulgarian*	Cantonese	Catalan*
Croatian*	Czech*	Danish*	Dutch*
English	Esperanto	Estonian	Finnish*
French*	Galician*	German*	Greek*
Hebrew	Hindi*	Hungarian*	Indonesian*
Interlingua	Irish/Gaelic	Italian*	Japanese*
Korean*	Latvian*	Lithuanian*	Malay*
Maltese	Mandarin*	Marathi	Mongolian
Norwegian*	Persian/Farsi	Polish*	Portuguese*
Romanian *	Russian*	Slovakian*	Slovenian*
Spanish*	Swahili	Swedish*	Tamil
Thai	Turkish*	Ukrainian*	Urdu
Uyghur	Vietnamese*	Welsh	

* Automatic translation is available for these languages to/from English

- A Spanish/English bilingual model is also available.
- Please ask about other languages