

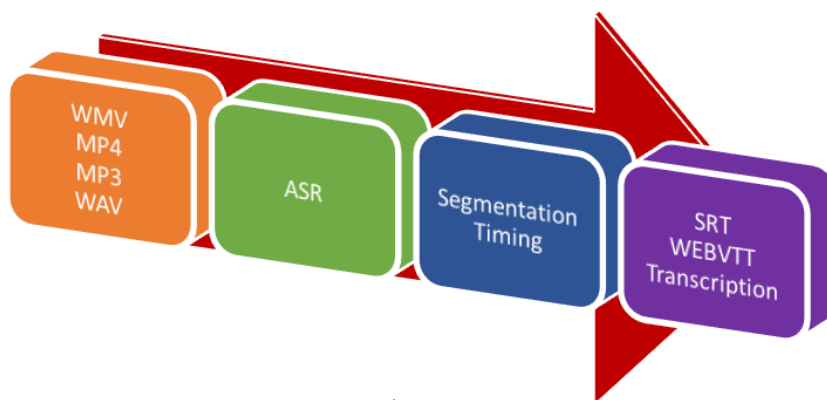
*Wincaps*ASR

**Hybrid File-Based Captioning using
Automated Speech Recognition with Human Edits.
Improves productivity, reduces turnaround and maintains security.**

The rapid growth of new video content and delivery solutions coupled with a shortage of skilled subtitlers and tight timetables has added significant pressure throughout the industry to improve subtitle productivity while maintaining quality. Automated Speech Recognition (ASR) enables new workflows and delivers proven productivity improvements without compromising on quality.

WincapsASR and WincapsQ4 in partnership

WincapsASR combines the best ASR speech engine with BroadStream's own advanced text segmentation tools, and added metadata, to reduce the time needed for subsequent editing, whether using Wincaps or your preferred subtitle editor.



Key Features

- ASR creates very good quality initial caption files direct from program audio.
- Custom dictionary and substitution lists further improve accuracy.
- Intelligent caption segmentation and timing algorithms improve readability.
- Subtitle/caption editors can quickly refine initial files with minimal editing using Wincaps.
- Choose from over 50 languages.
- Faster than real-time processing.
- Software only; on-prem or private cloud, Linux host.
- Integrates with your file storage for security (so your assets never leave your environment).
- Productivity improvements exceeding 25% have been reported by users.

WincapsASR

Input Files

- Video: MP4, WMV
- Audio: MP3, WAV
- Other formats subject to testing

Output Files

- Simple SRT subtitle/caption files
- Extended WebVTT files with added metadata for speaker identification and estimated confidence/accuracy
- Basic transcripts (.txt)
- *Files also include optional placeholders for non-speech events (pauses) allowing easy addition of sound effect captions if desired.*

Host Platform

- On-Premise or private cloud
- Linux (tested with Fedora & RHEL/SELinux)
- Integrated with customer's shared file storage system.

Vocabulary & Configuration

- **Custom dictionary:** improves ASR vocabulary, terms and accuracy
- **Word replacement:** substitutions for known spelling issues or persistent mis-recognition
- **Profanity list:** special substitution list supports wildcards and replacement strategies
- **Intelligent segmentation & timing rules:** ensures readability and reduces editing time
- **Audio track selection:** pick the right language from multi-track mp4 files.

Wincaps Integration

Corrections, coloring and position adjustments are applied quickly and files delivered in a wide variety of (including PAC, EBU-STL, EBU-TT, IMSC, SCC ...).

Extended WebVTT Files

- Summary score shown during import allows for quick decision to continue or discard.
- Confidence data displayed for each subtitle to direct efforts where most needed.
- Speaker indications for faster coloring.

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

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