

# WincapsASR

**On-Premise or Private Cloud, File-based Captioning using  
Automated Speech Recognition with Human Edits  
Improves Productivity and Delivers Security with Local Control**

The rapid growth of new video content and delivery solutions coupled with a shortage of skilled subtitlers and tight timetables has added significant pressure to improve subtitle productivity and quality throughout the industry. Automated Speech Recognition delivers significant benefits and new workflows to improve productivity and enable quality improvements.

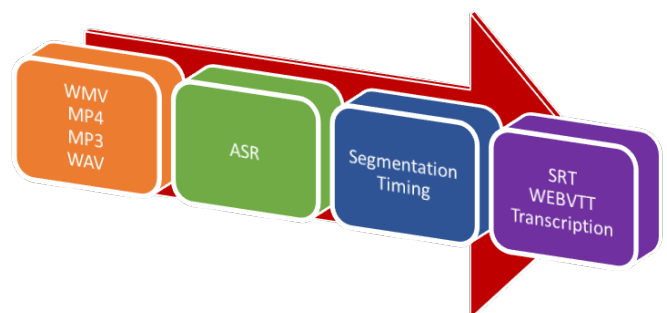
## WincapsASR

WincapsASR combines the best ASR speech engine with superior editing capability to process file-based content faster and with documented productivity improvements.

### Key Features

- Software only; On-prem or private cloud
- Cloud architecture for rapid deployment
- Integrates with your file storage
- Choose from over 30 languages
- Custom dictionary and substitution lists for improved accuracy
- Intelligent caption segmentation and timing improves readability without additional input
- ASR creates good quality initial caption files from program audio
- Skilled personnel can quickly refine initial files with minimal editing using Wincaps
- Productivity improvements exceeding 25% - 30% have been reported by users

### System Workflow



### Security

- You maintain control
- Your assets never leave your environment
- WincapsASR is specifically designed for on-premise or private cloud deployment
- Low-cost, customer provided, Linux OS integrated with your storage solution

# WincapsASR

## Input Files

- MP4, WMV (converted to MP3)
- MP3, WAV
- Other formats will require testing

## Output Files

- Simple SRT, extended WebVTT files and Transcripts

## Host Platform

- On-Premise or private cloud
  - Native Linux
  - Linux VM

## Operating System

- Linux (Fedora, RHEL or SELinux)
- License Server

## Container Orchestration & Application Layer

## Wincaps Integration

### Extended WebVTT Files

- Summary scores shown during import.
- Confidence data displayed for each subtitle.
- Wincaps license per user basis for editing.
- ASR license for processing minutes.
- Faster than real-time processing.
- Delivers up to a 30% increase in productivity.
- Scoring via quality metrics included.
- Optimized for Wincaps for editing to correct any text errors, adjust timing or positioning and add supplementary captions for sound effects or other enhancements.

## Vocabulary & Configuration

- **Custom dictionary:** improves ASR vocabulary, terms and accuracy
- **Word replacement:** substitutions for specific known issues with spelling or persistent mis-recognition
- **Profanity list:** special substitution list supporting wildcards and replacement strategies
- **Segmentation & timing rules**
- **Audio track selection for MP4**

## Available Languages

Arabic	Galician	Norwegian
Bashkir	German	Polish
Basque	Greek	Portuguese
Belarusian	Hindi	Romanian
Bulgarian	Hungarian	Russian
Cantonese	Indonesian	Slovak
Catalan	Interlingua	Slovenian
Croatian	Italian	Spanish
Czech	Japanese	Swedish
Danish	Korean	Tamil
Dutch	Latvian	Thai
English	Lithuania	Turkish
Experanto	Malay	Ukrainian
Estonian	Mandarin	Uyghur
Finnish	Marathi	Vietnamese
French	Mongolian	Welsh