



**SPEECHMATICS**

# Private Cloud ASR

Our Private Cloud ASR provides transcription of pre-recorded audio in a standalone environment provided directly by a computer or a virtual machine.

The transcription is provided after an audio file is passed to the Speechmatics engine provided within this environment. The software is installed and managed by the customer within an AWS region.

## Transcription:

- Supports pre-recorded audio
- Transcripts provided in JSON, TXT format and over email, containing:
  - Timing and confidence scores for each transcribed word
  - Sentence boundary information
- Diarisation is available in 2 modes:
  - Speaker diarisation provides the ability to detect and label speakers within the same channel
  - Multi-channel diarisation provides speaker labelling based on up to 6 audio channels or streams
- Can operate in most AWS regions across the world

## Languages supported:

- Core languages
  - Global English (en), German (de), Spanish (es), French (fr), Dutch (nl), Portuguese (pt), Japanese (ja), Korean (ko), Italian (it), Swedish (sv), Danish (da), Polish (pl), Catalan (ca), Hindi (hi), Russian (ru)
- Research languages
  - Bulgarian (bg), Czech (cs), Greek (el), Finnish (fi), Croatian (hr), Hungarian (hu), Lithuanian (lt), Latvian (lv), Romanian (ro), Slovakian (sk), Slovenian (sl)

## Programmatic use:

- RESTful API for transcription

## Licensing:

- Flexible licensing model

## Hardware needs:

- The software runs on Ubuntu 16.04 running in AWS:
  - Will operate on many AWS instances
  - 8 GB RAM to operate in one concurrent language:
    - For each additional concurrent language an additional 5 GB RAM is required
  - 20 GB disk needed (including 1 language pack):
    - Additional ~10 GB per language pack required

## Storage:

- No audio or transcripts are stored within the environment

## Performance:

- 1 vCPU per concurrent transcript (in addition to 1 vCPU for general operation)
- Transcript can be provided in better than 2x real time

## Connectivity requirements:

- Operates in your own AWS account, enabling appropriate security boundaries to be used and data access to be managed as needed

## Administration:

- Local and remote administration and monitoring

**Contact us for more information on features and pricing:**

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