



SPEECHMATICS

Private Cloud Elastic ASR

Our Private Cloud Elastic 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, and can auto scale to manage elastic workloads.

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
- Elastic scaling utilising price sensitive instance scaling

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:
 - Core services operate AWS instances
 - Worker instances are provisioned as needed based on load and removed when no longer needed
 - Uses spot instances to keep operation costs efficient

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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