Live Audio-to-Audio Translation for Phone Calls

Break Down Language Barriers & Open New Avenues of Collaboration

At a glance

Collaboration across borders is now essential to corporate success. Translation software is an exciting technological advancement that is transforming business activities through the facilitation of seamless communication and the removal of language barriers.

Overview ⌄

Gone are the days of communications based on language alone. Live audio-to-audio translation opens the opportunity to converse outside of your native language.

Identify the languages being spoken and what language you want them translated to.

Now, you can participate in a multi-lingual conversation over the phone, with the addition of STT, providing a real time transcription to reduce the chances of misunderstandings.

Features ⌄

The translation technology leverages advanced natural language processing and machine learning algorithms to ensure accurate and contextually relevant translations.

Multi-Language Support

Automatic & Seamless Translation

Natural Translated Voice Output

How businesses can benefit

A Common Sense Advisory Report in 2022, found that consumers are more likely to purchase goods and services if the information is given in their native language.

75%
of consumers

According to traditional translators, employing the use of translation software can increase efficiency & output:

30%
increased output

Benefits ⌄

1 Real-time audio-to-audio translation

During the call, hear the original and the translated speech, with minimal sound delay.

2 Transcribed conversation for visual display

Both languages are transcribed and available for display.

3 Enhance Business Operations

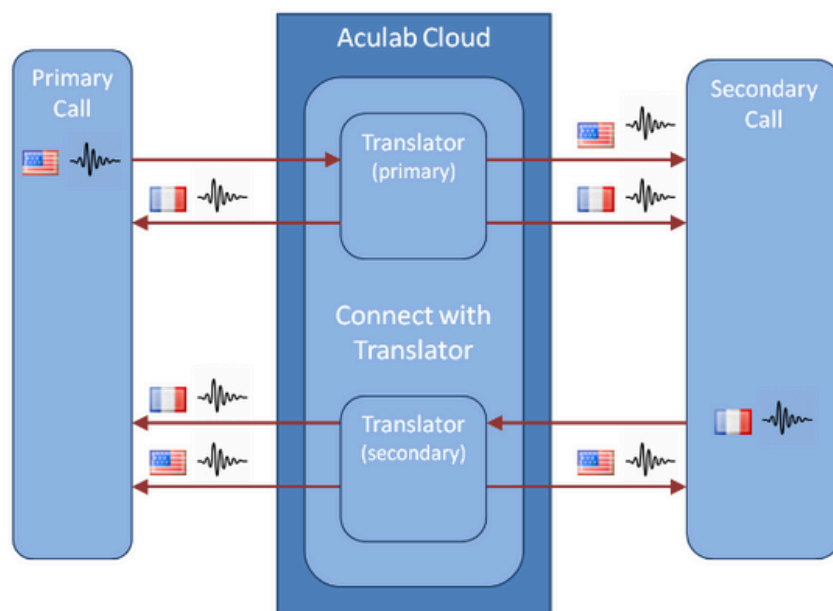The technology opens new avenues for collaboration, on a global scale.

4 Natural translated voice output

Uses the most natural and human-like-sounding voices.

Applications

- Contact Centres
- Public Safety
- Law Enforcement
- Healthcare
- Education
- Charitable Organisations

Public

Translation

Technical Overview

Each utterance made on either of the connected primary or secondary calls will be heard by the far end. At the same time it will also be transcribed, using natural language speech recognition, translated into a different language using neural machine translation. Then, when the original utterance is completed the translation will be played to both parties using Text To Speech (TTS).

Languages

Arabic (arb)
Arabic (gulf) (ar-AE)
Catalan (ca-ES)
Chinese (Cantonese) (yue-CN)
Chinese (Mandarin) (cmn-CN)
Danish (da-DK)
Dutch (Belgian) (nl-BE)
Dutch (nl-NL)
English (US) (en-US)
English (Australian) (en-AU)
English (British) (en-GB)
English (Indian) (en-IN)

English (Ireland) (en-IE)
English (New Zealand) (en-NZ)
English (South African) (en-ZA)
Finnish (fi-FI)
French (fr-FR)
French (Belgian) (fr-BE)
French (Canadian) (fr-CA)
German (de-DE)
German (Austrian) (de-AT)
Hindi (hi-IN)
Icelandic (is-IS)
Italian (it-IT)
Japanese (ja-JP)

Korean (ko-KR)
Norwegian (nb-NO)
Polish (pl-PL)
Portuguese (pt-PT)
Portuguese (Brazilian) (pt-BR)
Romanian (ro-RO)
Russian (ru-RU)
Spanish (es-ES)
Spanish (Mexican) (es-MX)
Spanish (US) (es-US)
Swedish (sv-SE)
Turkish (tr-TR)

Speech Recognition Models

The Speech-to-text technology defines several models that have been trained on millions of audio samples, like phone or video calls. Recognition accuracy can be improved by using the specialised model that relates to the type of audio data being analysed.

Premium Models

For some languages, premium models are available for specific use cases, e.g. medical conversations. These models are optimised to more accurately recognise audio from specific use cases.