



Advanced Media, Inc.

# RE Partner Solution AMI Voice Recognition Solution



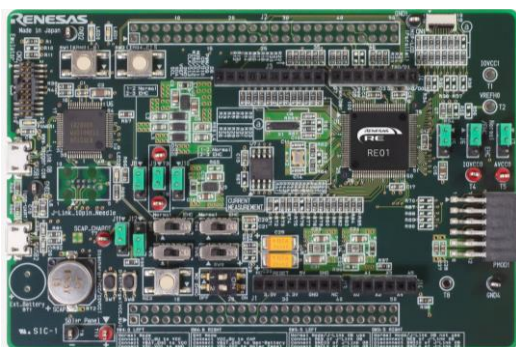
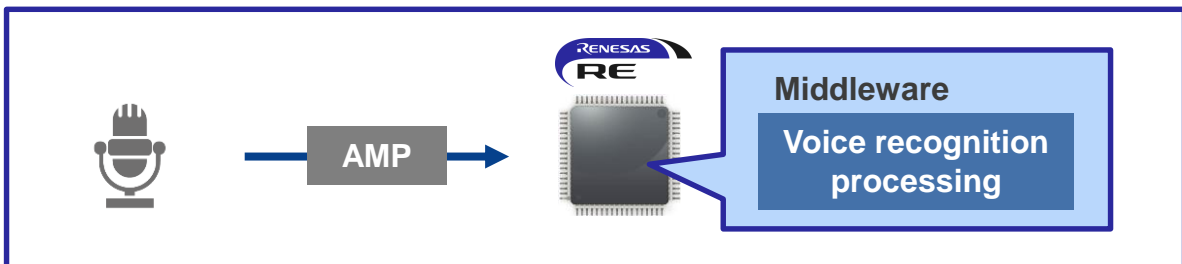
## Solution Summary

It is a speech recognition software that can be implemented offline.

## Features/Benefits

- This is a middleware for high-precision command-type speech recognition processing. It runs in a low clock frequency and memory-saving environment without internet connection.
- Supported languages: Japanese, English, Chinese (Mandarin) and Thai

## Diagrams/Graphics



[RE01 256KB Evaluation Kit](#) is available for this evaluation. (Microphone and operational amplifier must be purchased and connected separately.)

## Target Markets and Applications

- Smart Home
- Building Automation
- Office Automation

<https://www.advanced-media.co.jp/english>



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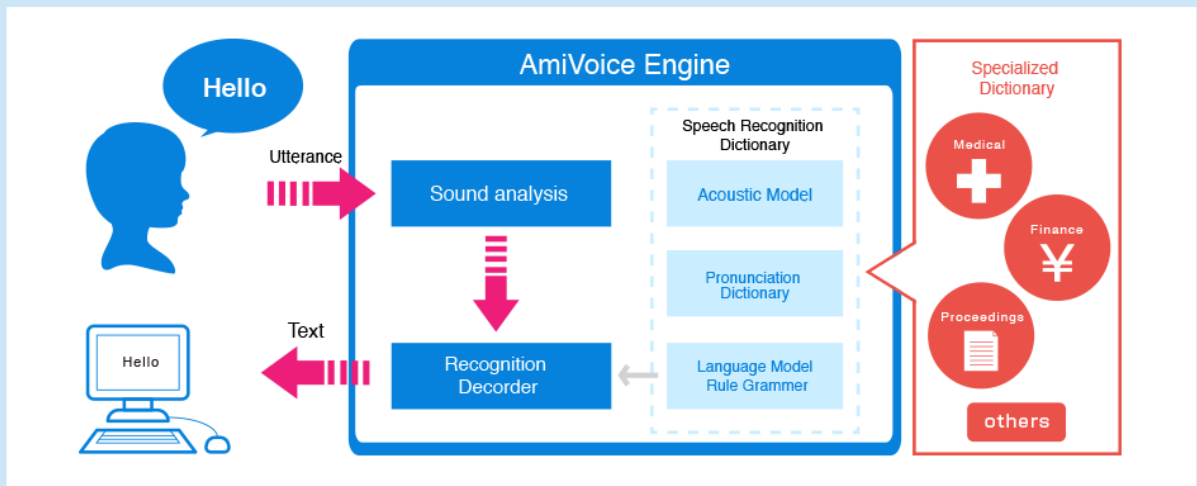
## About Speech Recognition

# Write by Voice, Move by Voice A new style of human-machine communication

For most people, talking is the easiest way to communicate. Compared to conventional, restricted interfaces such as keyboards or buttons, voice recognition technology is enabling a more human form of communication.

### Basic Voice Recognition Mechanisms

During the course of a normal conversation, we recognize other people's voices and understand their meaning—it all seems very easy. However, there is a great deal of speech variation, even when people are saying the same thing, due to factors such as the speaker's gender, verbal mannerisms, and choice of words. As a result, accurate speech recognition is no simple task for a computer.



The voice recognition process consists of a complex combination of language data and voice data to execute text conversion.

### Features of AmiVoice

## Anytime, Anywhere, Anyone

AmiVoice is equipped with world-class voice recognition technology that can be functionally incorporated into a wide variety of services in close concert with business activities and day-to-day living.