Our automatic speech recognition technology provides a voice input interface for mobile and smart devices that performs accurately even in noisy places. This is possible due to our recent progress in speech enhancement and language processing technologies. Our voice input interface can be easily accessible through a client API communicating with a recognition server on a cloud platform.

### Features

- **Feature #1: Speech enhancement technology**: Our innovative technique accurately detects speech input while suppressing noise in a noisy environment.
- **Feature #2: Language processing**: Our recent advances include reinforcement of language modeling for spontaneous utterances, which improves recognition accuracy, and language processing, which enables us to make a more intelligent speech application.
- **Feature #3: Discriminative training**: Speech recognition is negatively affected by device dependency on microphone characteristics and noise. To overcome this problem, discriminative training for the speech recognition models is effective.

### Application Scenarios

- Voice input interface as a text input method for mobile and smart devices.
- Speech document retrieval, speech agent, speech command, etc.

### NTT Group Global Advantage

Using the state-of-the-art speech enhancement and automatic speech recognition technologies, NTT provides a user friendly voice input interface, which performs accurately in a wider area than ever before.