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[NEC Announces Speech Interpretation Software for Handsets](#)

The software can interpret words and phrases from English to Japanese and vice versa



NEC announced the development of Speech Interpretation Software for mobile phones
NEC

Today NEC Corporation has announced the development of an automatic software app to be used on mobile phones, which provides a fast and accurate interpretation of words and phrases that are usually associated with travel.

According to the company, the new software has been designed to work on the CPUs of mobile phones and is able to deliver interpretation from English to Japanese and vice versa. The software has been embedded into NEC mobile phones, which are able to work without being connected to a network or outside servers. Moreover, the software only needs a few moments before displaying a convenient interpretation of a word or a phrase.

The announcement NEC made today is based on the company's achievement in successfully developing a high-precision "compact and scalable voice recognition engine" and a "lexical-rule-based translation device." The voice recognition software is able to provide impressive accuracy even in noisy conditions. The range of phrases and words that the device can recognize has also been significantly improved and the database has been extended.

NEC has also managed to improve the accuracy, speed and capacity of the voice recognition and that of the automatic interpretation engine. In addition, the software has been added English to Japanese interpretation, which complements the already existing Japanese to English one. One thing the company is also proud of is the fact that it managed to bring improvements to a piece of software tailored for mobile phone CPUs while managing to maintain the size of the device as it was.

Through this achievement, NEC offers now an app that enables travelers to quickly and accurately overcome English-Japanese communication barriers, while also providing them with a means of developing links by capitalizing on information.

The company also announced that it would continue to focus on the development of its voice recognition and language processing technologies so as to be able to deliver a reliable interpretation support for any individuals, anytime, anywhere.