



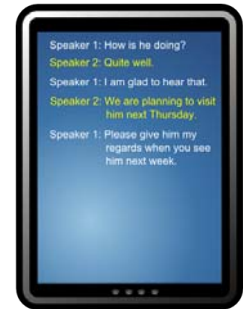
### Headquarters

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## Embedded Speech Recognition for Mobile and Handheld Computing Devices

### Description

Li Creative Technologies (LcT), Inc. has developed a combined robust speech recognition engine and integrated audio processing solution for real-time, robust speech processing on mobile devices with limited processing and memory capacities. Our unique integrated solution incorporates a robust speech and speaker recognition engine with innovative microphone array and acoustic enhancement technologies to improve speech and speaker recognition performance in real-world environments.



#### Features:

- Robust ASR on miniature devices
- Embedded ASR software
- Hardware model can be integrated into any system
- Supports 2-sensor microphone array with noise reduction

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- Robust ASR on miniature devices
- Embedded ASR software
- Hardware model can be integrated into any system
- Secure, wireless 2-way text transmission
- 2-sensor microphone array with noise reduction
- Ruggedized, miniature form factor
- Low power consumption and extended battery life

### Embedded Device Solution

LcT has developed a combined speech recognition engine and integrated audio processing solution optimized for mobile devices with limited processor and memory capacities. Our embedded device can be used with the following: ARM Cortex-A8 and A9 architecture CPU with 800 Mhz+ speed; Intel ATOM processor (hyper thread or dual core); Apple iOS, Linux, Android, Microsoft Windows (XP/Vista/7), and Windows Mobile Environments; 256 MB or more system memory; 250 MB of flash storage. Our speech engine may also be optimized for low-power ARM processors with smaller memory footprints for simpler speech-to-text tasks, such as command and control and voice phrase-to-text transcription.

### Our Company

Li Creative Technologies, Inc., located in Florham Park, New Jersey, USA, has been at the forefront of cutting-edge speech recognition, microphone array, noise reduction, and echo cancellation research since its formation in 2002 by former Bell Labs scientists.