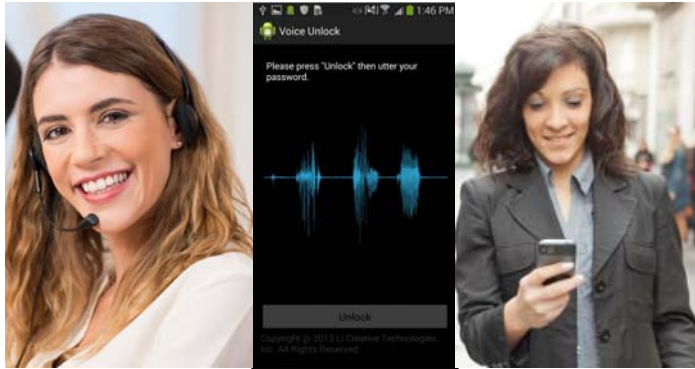**Li Creative Technologies, Inc.**

Voice Biometrics Engines
for Cloud Servers and Mobile Devices

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Features:
- Close to zero error rate
- Robust to background noise
- Language independent
- One utterance for enrollment
- Anti-recording
- App or cloud engine implementation

Product Demos
www.licreative.com/demos

Introduction

Li Creative Technologies (LcT) has developed advanced voice biometrics solutions for cloud servers and mobile devices with the following features: close to zero error rate, robust to background noise, language independent, one utterance for enrollment, and anti-recording.

Technical Description

The software's anti-recording technology prevents an imposter from gaining unauthorized access with a recorded passphrase. The user utters a voice passphrase just once to enroll, and the passphrase can be changed at any time. When a user's voice has changed, for example due to strained vocal cords, the user simply re-enrolls to add a new model in just a few seconds. The software is robust to background noise. LcT has patented several technologies to support this feature, including auditory-based models, dual microphone array, and noise cancellation and reduction. Finally, the software is language independent, which means the user can utter a passphrase in any language.

In a third party evaluation of over 100 subjects, the software achieved near 100% accuracy. False rejection and false acceptance rates were nearly 0% in different noise environments.

Sales and Licensing

The software is ready for licensing to mobile device manufacturers, financial institutions, solution providers, and mobile chip manufacturers. LcT can deliver cloud servers to financial institutions with pre-installed software. The software can provide a biometric solution for any application that requires strong user authentication. The software can be packaged as an app or cloud engine. One working app is to use voice to luck/unlock an smartphone.

Our Company

Li Creative Technologies (LcT), Inc., located in Florham Park, New Jersey, USA, is an innovator in audio, speech, and biometric solutions. Established in 2002 by former Bell Labs scientists, LcT licenses and sells technology, software, design, and product solutions to the mobile, communications, e-commerce, healthcare, video conference, and transportation industries. LcT is a winner of the 2011 CES Innovations Design and Engineering Award.