



## Is the Caller Lying?

South Korea's KTF is launching a voice analysis service on its network which claims to be able to identify if the caller is lying. The new 'Truthful Calls' service by KTF is based on Nemesysco's innovative voice analysis system and acts as an emotion detector, assessing the level of honesty of the person phoned.

Throughout the conversation, different sounds are played to the caller speaker to identify statements that are worthy of further inspection and to mark different emotional states. At the end of the call, the caller gets a message with a bar graph depicting truthfulness, along with stress levels and the number of inaccurate answers and attempts to divert the topic.

Nemesysco's leading technology is also powering KTF's new 'Love Detector' service, which tells the caller the "love level" of the person on the other end of the line every 10 seconds - so that subscribers can tell whether their loved ones share their feelings all through the conversation. Once the call is completed, the subscriber also receives a message ranking the overall level of affection, plus graphs that measure various attributes such as level of interest, attention, expectation, and embarrassment.

The new mobile services are based on Nemesysco's SENSE technology - a voice analysis technology that analyzes certain brain activities reflected in specific properties in the voice to detect and measure a wide range of emotions, for example - passion, excitement, comfort or uncertainty. Using the different emotional properties, SENSE also builds a truthfulness estimation profile for any statement made by the callee.

*Posted on 26-09-2006*

Read this article on the web at: [www.cellular-news.com/story/19538.php](http://www.cellular-news.com/story/19538.php)

All rights reserved.

Reproduction of this website, in whole or in part, in any form or medium without express written permission from cellular-news is prohibited.