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## WHY IPHONE VOICE RECOGNITION FAILS TO WORK

**It's hardly surprising that the iPhone voice recognition system launched this week doesn't work. For accurate voice recognition applications several key elements must be in place, as VoxSciences has developed within its Voicemail to Text engine VERBS.**

Accurate voice recognition systems are notoriously difficult (if not impossible) to deliver, for many reasons, hence the reason why even the technological giants such as Microsoft and Google have failed to develop useful, reliable or effective real-time VR applications. As Microsoft have already demonstrated, its Windows Vista system is appalling at carrying out the most basic commands. And today iPhone's for Google's voice operated search application is criticised for directing users to sex sites completely by mistake.

VR problems occur for many reasons including background noise or interference, differences in accents and dialects (as discovered by the British iPhone users today), words that sound similar, or placing words that sound the same in the right context such as 'right' and 'write' for example. Authentic voice recognition only works when implemented via a more complex process where standard voice recognition software is only the first step.

Whilst developing its Voicemail to Text engine VERBS (**V**irtual **E**ngine for the **R**ecognition of **B**asic **S**peech) VoxSciences has been able to achieve near on 100% accuracy in converting voice to text by implementing the following 3 steps:

1. Utilising standard voice recognition software to create initial text
2. Passing the initial text through a series of sophisticated statistical engines to 'tidy up' the initial text. Each word is given a check sum and the most likely sequences of words are chosen. For example the text 'I am going to right a book' would be changed to 'I am going to write a book' as that it is statistically much more likely
3. If there is a word that VERBS can't understand, that individual word is passed to an operator who will add just that word (they don't see who the message is from or to nor do they hear the whole message for security reasons). VERBS adds every potential spelling of that word and it is passed back through the statistical engines so that the correct spelling is chosen

The whole process, from receiving a message to sending out the final conversion takes just 3 to 5 minutes.

### Service Trial

Anyone can TEST the Instant Text Memo service simply by dialling **020 7050 5000 from a mobile phone**, recording a message and receiving a text message back 3 minutes later.

For a month's free trial of the full Voicemail to Text service visit [www.voxsci.com](http://www.voxsci.com) for more information or to sign up.

Release ends



## Notes for journalists:

### About VoxSciences

VoxSciences is a start-up mobile technology solutions company primarily formed to address the rapidly emerging **Voicemail-to-Text** market. The company is developing a portfolio of mobile solutions that utilise voice recognition technology and that will provide mobile business users with convenient, cost saving services. Using its powerful **VERBS (Virtual Engine for Recognition of Basic Speech)** engine VoxSciences' Voicemail-to-Text service saves subscribers time and money otherwise spent dialling in and laboriously listening to their voice messages.

VoxSciences is the most recent brainchild of Ken Blackman, technology entrepreneur of the last 25 years, whose personal success reaches across IT hardware, software training, Internet services, and Unified Communications. His direct involvement, prior to VoxSciences, in public listing, private placing and mergers and acquisitions, shall be essential in the success of his latest venture.

Blackman has partnered with technical expert Tushar Joshi who developed the unified messaging platform for his last company, PumaOne. Joshi heads up the technical side of VoxSciences and he is well qualified to do so, with a first class honours degree in Computer Science, and a Masters in Advanced Computing and Artificial Intelligence from Imperial College.

VoxSciences plays host to an outstanding start up team of industry professionals whose academic qualifications, technical competences and business acumen is exemplary. Their combined expertise, which stretches across numerous successful Internet centric businesses, places VoxSciences in a perfect position to grow rapidly in line with the increasing consumer demand for mobile efficiency

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