



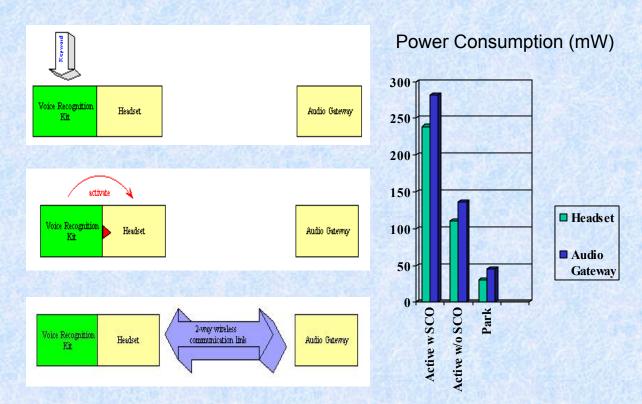
## School of Electrical and Electronic Engineering

**Network Technology Research Centre** 

## **Bluetooth Pavilion**

## Voice Activated Bluetooth Communication Headset

The Voice Activated Bluetooth Communication System comprises of a voice recognition kit and two Bluetooth devices, one having a headset profile, the other having the audio gateway profile. The voice recognition kit ( Voice Extreme Toolkit ) utilizing speaker dependent speech recognition technology listens for the keywords spoken by the user to activate the headset side into requesting a wireless communication link to be established between the two Bluetooth devices. Once the communication link is established, the headset and the audio gateway will be able to communicate with each other in full duplex mode.



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