



## Bluetooth™ Connectivity



### **What is Bluetooth\* Wireless Technology ?**

Bluetooth\* wireless technology is an open, global standard for radio links that provides affordable wireless connections between PCs, handhelds, mobile phones, and many other devices. Bluetooth\* radios can be incorporated into most any electronic device offering a universal communications link that provides flexibility and instant use through a “cableless” high speed connection. Automatic search and identifying capability enables from two up to seven devices to be connected in a **Personal Area Network** or **PAN** with a maximum distance of 10 metres. Speeds of up to 720 Kbps can be achieved and using a technique known as **FHSS (Frequency Hopping Spread Spectrum)** interference is minimized and security is enhanced.

### **What type of products will feature Bluetooth Technology ?**

Currently, Bluetooth-enabled products include mobile phones, notebooks PCs, handheld computers and printers. It is expected that in the near future such products as camera's, remote controls, gaming devices and audio visual equipments will have this capability. Having several advantages over Infra Red connectivity it is expected that Bluetooth\* will quickly permeate through the IT and Consumer electronics product sectors.

### **What does this mean to the Notebook PC user ?**

By using either a Bluetooth\* PC card with an existing notebook or eventually a notebook with a built-in Bluetooth\* radio the user will have greater flexibility. The user can also take advantage facilities such as “ad hoc” printing, and anytime anywhere connectivity via a cell phone in GSM or GPRS mode or soon to be available Bluetooth Access Points. Certainly Notebook PC's with Bluetooth capability will enhance the users perception of the notebook as a “take with you” device and its use is expected to be equally attractive in the corporate as well as the home environment.