



PC://HouseCalls, LLC

"Helping PC Users to Help Themselves"



**PC Health Tips, Reminders and Info
Vol. 02-05**

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Providing Secured Wireless (Wi-Fi) Network Setups

\$120.00 Wireless Network Pack (Equipment not Included)

- ✓ **ONE PRICE. No hourly charges**
- ✓ **Network protection against intruders**
- ✓ **Protection by encrypting your wireless network traffic**
- ✓ **Firewall setup between you and the outside world (computer software extra).**

Wireless Equipment Needed (Starting at \$89.99 each):



Wireless Broadband Router, 802.11g



**Wireless G Notebook Network Card,
802.11g**



**Wireless G Desktop Network Card,
802.11g**

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How does a wireless or Wi-Fi (short for Wireless Fidelity) network work?:

- ✓ It sends and receives signals through a central device (called an "access point" router) to connect computers to the Internet and to each other.
- ✓ An "access point" in a wireless network is like a radio transmitter, it broadcasts signals widely.
- ✓ Unlike a radio, the signals are comparatively weak, but some can be detected from several hundred feet away.

Is your home wireless network vulnerable? Yes it can be, if you have setup your network "out of the Box" with default configuration. Additional configuration is needed for securing the network from outside "hackers" and intruders.

Can my neighbor see my wireless network? It is not uncommon for someone next-door to pickup your networks signals, whether intentionally or unintentionally. Some states are enforcing laws against stealing your wireless internet signals.

How can a wireless network be secured against intruders?:

- ✓ Encrypt all information flowing through your wireless network, using the strongest encryption possible
- ✓ Allow only specific computers to connect to your wireless "Access Point" router
- ✓ Add firewall protection to your Wi-Fi network "Access Point" and all computers on the network
- ✓ Keep up to date with all security patches for networked computers
- ✓ Install antivirus software, spam protection on all computers, and keep it up to date.
- ✓ DO NOT store password, social security numbers, credit card numbers or other personal information on your computer