

# *Securing Your Wireless Network or...*

- How to keep your data private and not become The neighborhood ISP

# The First Step

## Change the password for your wireless router

- All major suppliers have published their default passwords and logins
- Keep yours unique

# Second Step

- *Change and DO NOT Broadcast your SSID*
- *Your house is NOT a Cyber Cafe so don't advertise*

# Step Three

## Employ & Activate Wireless Security

### Encryption

- WEP - Wired Equivalent Privacy
  - WPA - Wireless Protected Access
  - WPA2 - Wireless Protected Access 2
- Hot Fix for XP KB893357

# Step Four

- **Enable MAC Address Filtering to keep unwelcome guests out**
- **Only listed MAC Addresses will be allowed to connect**

# Step Five

- Assign fixed IP addresses
- DHCP provides an IP address to all comers - great for a company - bad for a home network

# Step Six

- **Activate firewall on each computer and the router**

# Step Seven

**Centralize Router physical placement to minimize signal leakage outside your house**



# Not The End!

- This is only a quick overview of the most obvious wireless errors

# What's the First Line of Defense for Your Computer?

- *Your password!*
- Be sure to use a strong password at least six characters long which includes numbers and uppercase letters!

Remember [www.grc.com](http://www.grc.com)  
and Shield's Up

Be sure to visit this site and  
test your computer to discover  
if predators can see your  
computer and probe for  
personal / financial information

**Thank You!**

**Any Questions?**