

Security and Privacy - Securing your Internet Connection

By: Michael Gough, Sr. Security Solution Architect

What your home computer should have to protect you

I recommend to people all the time there are 2 things you need to protect your computer from all the ills of the Internet, they are:

- A Cable/DSL router
- Internet Security Suite

I recommend to people to use one of the Internet Security Suites (and update it every year) like the ones listed below to provide even more protection than what a personal firewall and anti-virus software can do. Internet Security Suite's provide some basic Parental Controls in addition to Anti-Virus, Firewall and other security options.

1) DSL / Cable Router



You can find these for around \$50 from Linksys, DLink, NetGear or Belkin. They come with or without Wireless and allow you to hook up multiple computers and share your High-Speed Broadband Internet Connection. This will basically hide your computer from the Internet and provide protection from hacker and worm attacks. This is your first layer of protection. We recommend you get 802.11g or preferably 802.11n for Wireless and avoid 802.11b and 802.11a

2) Internet Security Suite

If you are using Windows XP and Service Pack 2, you have a free software firewall that comes with Windows, but very little extra features that an Internet Security Suite can provide like Anti-Virus, SPAM, Instant Message file scanning, Parental Controls, Intrusion Detection and Privacy Control, lots of features available in a Security Suite for around \$50. Well worth the peace of mind and helps solve the issue with a parent that is concerned with "Someone may turn on my child's webcam" or "Where is my child going on the Internet?". Feel secure in knowing if you take the recommendations we make in this article, you will not have an issue with these statements. You can find these Internet Security Suites from Symantec, McAfee, ZoneAlarm and others in [Our Store](#) and they come with a Personal Firewall, Anti-Virus, Anti-Spam, Adware, Privacy Controls and other website block or allow capabilities.



This will provide you many good features and a place to start as far as parental controls.

These two items will protect your system from many issues. Just keep the software updated with signatures and update the version yearly and you will be in good shape.

We hope the information helped you to understand how to secure your Internet connection. Again, if you have any questions or need assistance with your case, feel free to contact us as we are here to help!