

NEWSLETTER

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Dear Valued Customer,

One of the major problems that Internet users face every day is **INTERNET SECURITY**. In light of this I want to share some facts with you this month.

The known security risks are: **Virus:** A virus is a program that propagates itself by infecting other programs on the same computer. Viruses can do serious damage, such as erasing your files or your whole disk, or they may just do silly/annoying things like pop up a window that says "Ha ha you are infected!" True viruses cannot spread to a new computer without human assistance, such as if you trade files with a friend and give him an infected file (such as on a flash /pen drive, floppy or by an email attachment).

Worms: Like a virus, a worm is also a program that propagates itself. Unlike a virus, however, a worm can spread itself automatically over the network from one computer to the next. Worms are not clever or evil, they just take advantage of automatic file sending and receiving features found on many computers.

Trojan horses: A Trojan horse is a destructive program that masquerades as a benign application. Unlike viruses, Trojan horses do not replicate themselves but they can be just as destructive. One of the most insidious types of Trojan horses is a program that claims to rid your computer of viruses but instead introduces viruses onto your computer.



Traditionally you use anti-virus programs to check your computer for viruses and prevent their spread. The problem is, traditional viruses don't really exist any more. Nowadays, lame crackers are busy making trojans and worms, so that's what anti-virus programs try to tackle now. The problem is, with everybody online these days, trojans and worms are fast to spread and easy to modify, so anti-virus programs are useless in trying to prevent them. If you're lucky, the infection can be removed after the fact, assuming your disk isn't so messed up there is nothing left to disinfect.

Firewalls are network barriers designed to keep out crackers. With the recent proliferation of trojans which install a backdoor program, however, a whole new market has sprung up in "personal firewalls" which are programs that run on your PC and can block communications from some backdoor programs. Since file downloads are a normal part of your internet experience, however, personal firewalls can't stop you from downloading the **trojan** that installs that backdoor in the first place.



One of the best ways to prevent some of these malicious programs are:

- A. Use a licensed Anti-virus that will enable you perform Anti-virus Live Updates Regularly.**
- B. Avoid using any software from an unknown source.**

The best way to prevent all of these malicious programs is to use a device that is capable of performing all of these tasks, when placed at the border of the network. One of such devices is the SonicWALLducts. They are multi-service platforms, SonicWALL's line of firewall/VPN appliances incorporates the broadest level of protection available through Unified Threat Management (UTM). UTM combines multiple security features into a single platform, protecting against attacks, viruses, Trojans, spyware and other malicious threats. Incorporating deep packet inspection and gateway protection, allows SonicWALL's UTM appliances to deliver superior performance at a reasonable price. Unified Threat Management brings you the best of both worlds—reducing complexity and simplifying management, while delivering multiple layers of protection under a single management console.



Increase security by reducing complexity

SonicWALL firewall appliances increase security by reducing complexity. The cost of deploying multiple, separate devices and software, each with its own interface, management console and login, can quickly become unmanageable. Cobbled-together security platforms, even when assembled from otherwise good products, are still less secure. These sorts of platforms are inherently prone to error, simply because there are so many things to manage--and an improperly managed security platform can be worse than none at all. In addition to enhanced security, SonicWALL's integrated platform of security products, built around our leading firewall appliances, delivers a cost advantage that will save you money over any security system even the most frugal manager could assemble from separate products.

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