



Home Based Business Security Tools

Home Businesses

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1 Executive Overview

Pure Hacking presented on tools available to assist home based business to secure their systems. This product list is given in context of the presentation given for the Home Based Business Week. Please refer to <http://www.dsrd.nsw.gov.au/hbbweek/events.aspx?GUID={F2CD38A0-7EAA-4D1A-B2F5-8750399795CB}#31> for further reference and the context.

1.1 Firewalls

Agnitum Outpost Personal Firewall Pro 2.1

BlackICE PC Protection 3.6

Computer Associates e-Trust EZ Firewall 2004

F-secure Internet Security 2004 4.71

Kaspersky Anti-Hacker 1.5.119 Kerio Personal Firewall 4

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McAfee Personal Firewall Plus 2004 5.0

Microsoft Internet Connection Firewall (XP Service Pack 2)

Norman Personal Firewall 1.4

Panda Antivirus Platinum 7.0

Sygate Personal Firewall Pro 5.5

Symantec Norton Personal Firewall 2004

TermiNET Personal Firewall 2.1

Tiny Firewall Pro 6.0

Trend Micro PC-cillin Internet Security 11

Zone Labs ZoneAlarm Pro 5.0

Zone Labs, Sygate and Kerio have free versions available from their websites.

Brand Price

ZoneAlarm Pro 5.0 \$US40

Sygate Personal Firewall Pro 5.5 \$US40

Take a closer look at ZoneAlarm Pro and Sygate Personal Firewall

1.2 Spyware

Micorsoft AntiSpyware (Beta)

Anti Spy Ware

HijackThis! 1.97.7

Kephyr Bazooka Adaware and Spyware Scanner 1.12

Lavasoft Ad-Aware 6.181

Spybot Search and Destroy 1.3

Velociware Perfect Process 1.1

Webroot Spysweeper 2.6

XBlock X-Cleaner Free Lite

Spyware includes:

Browser hijackers that change settings in your internet browser, such as your default homepage or selected search engine.

Browser plugins/browser helper objects (BHO): add-ons or extra browser tools, such as toolbars and search assistants that track and send information back to an external source.

Diallers that secretly change your dial-up connection settings to call an expensive 1900 or international number instead of your local internet service provider.

Key loggers record all your keystrokes and send this information to an external source.

Tracking cookies that gather and share information about your web-surfing habits. They're usually shared among two or more unrelated sites.

Trojans: programs that sometimes masquerade as legitimate software but either gather information such as passwords from your computer or allow your computer to be used remotely without your consent.

What to try

Brand Price

Lavasoft Ad-Aware 6.181 Personal - Free

Ad-Aware is the best performing software overall.

For the best results, we recommend you use more than one program.

Some spyware programs (such as adware or browser plugins) are fairly innocuous, but others (such as keyloggers, trojans or diallers) can be damaging and may border on illegal behaviour.

1.3 Anti Virus

Alwil Software avast! 4 Professional

Computer Associates Vet Online

Eset Nod32 for Windows NT/2000/XP/2003 v2

Grisoft AVG 7.0 Professional Single

Kaspersky Anti-Virus Personal 5.0

McAfee VirusScan 2005 version 9.0

Norman Virus Control 5.7

Symantec Norton AntiVirus 2005

Trend Micro PC-cillin Internet Security 2005

Program Automatically checks for updates

AVG 7.0 Professional Single every 24 hours

Norman Virus Control

Vet Online

Kaspersky Anti-Virus Personal every 3 hours

PC-cilin Internet Security 2005

Nod32 for Windows NT/2000/XP/2003 every hour

McAfee VirusScan 2005* every 5 minutes

Norton AntiVirus 2005

avast! 4 Professional whenever you connect to the internet

Recommendation:

Antivirus market is relatively mature and we don't have a personal preference. All are Ok.

1.4 Spam

Apple Mac OS X Mail 1.3.4 (email program)

Contact Plus Spam Buster 1.10.2 (standalone)

McAfee SpamKiller 2005 (plug-in)

Microsoft Outlook 2003 (email program)

Mozilla Thunderbird 0.7 (email program)

Qualcomm Eudora 6.1 Email (email program)

RitLabs The Bat! 2.12 (email program)

Symantec Norton AntiSpam 2005 (plug-in)

Brand Price

Symantec Norton AntiSpam 2005 \$73

Qualcomm Eudora 6.1 Mail \$US50

Symantec Norton AntiSpam 2005 is a very mature product and works well. Some complaints with taking too much processing power on a local machine.

The free version of Eudora and has easy-to-use icons to mark messages as spam or not spam.

Eudora would suit anybody prepared to switch to a new email program. It improved substantially with training and only misclassified a small percentage of messages on average. If you currently use the free version, you must upgrade to the paid version in order to install the spam filter.

The spam filter used by Mac OS X Mail also performs well — it suits Apple users who don't want to spend extra money.

1.5 Hacks - all in one

Norton Internet Security 2005 - US\$62.99

PC-cillin Internet Security 2005 US\$39.99

McAfee Internet Security 2005 7.0 US\$62.99

This type of product has Firewall, IDS, Anti Virus - including keyloggers etc., Anti Spam, Privacy Control

Norton's is the most popular in this field.

1.6 Physical Security:

For laptop owners, the best protection is a cable that attaches to your machine through a special security slot. The other end loops around a solid object such as a heavy desk or anchor point. They're available for about \$50-\$70. Security cables are also available for desktop computers.

You could also opt for a loud, 100-decibel screeching alarm triggered by motion-detecting sensors. It's handy for airports and locations where you can hear your laptop but not necessarily see it. Cost is about \$100.

Desktop computers are limited to bolts or brackets. One end connects to your desk, floor or wall, and the other attaches to your computer. Locks of this kind will set you back \$120

Warmest Regards,

Rob McAdam.

C.E.O. Pure Hacking