

# Norman Personal Firewall v1.4

*Keep unauthorized users out of your system*

With an Internet connection and Norman Personal Firewall, you can venture the information technology highway safely, knowing that you are being protected.

- Norman Personal Firewall (NPF), has been developed to protect all users, both at the office and at home. NPF is both an application and packet level firewall, combining the two routines used in corporate firewalls. NPF employs techniques compliant with the NDIS technology, to be able to control all levels of communication.
- Organizations depend on corporate firewalls to protect them from hackers and negative elements of the Internet. However, threats such as malicious JavaScripts, Active-Xs, Java Applets, exploits of applications, Internet enabled trojans, worms and computer viruses continue to be significant security threats to individual users that use the Internet/network.
- A solution must be provided that secures the individual users from all the threats that are able to distribute themselves through the Internet and LAN. This solution should be powerful and easy to use and should be different from a corporate firewall. However, at the same time it should use the successful models that gave corporate firewalls their blueprint.
- The solution is Norman Personal Firewall.

## Key features

- Connection security
- Parental Control
- Time control and account manager
- Active content control
- Trusted sites
- Port scan detection and logging
- Trusted IPs

## Complete list of features

- Connection security
- Parental Control
- Time control and account manager
- Active content control
- Checksumming of executables
- Cookie manager
- Trust site
- MAC address authentication
- Port scan detection and logging
- JavaScript pop-up blocker
- Trusted IPs

### Connection security

- The Norman Personal Firewall closely monitors any application that attempts a connection to the Internet/network. Each application is automatically assigned its own «guard» for monitoring.
- Applications that do not use the Internet/network are free from any kind of monitoring. No longer will you connect to the Internet/network and have to worry that some applications in your system sends out information without your knowledge.
- Trojans that seek to control your system from an incoming connection are detected, as will scripts that attempt to send emails using your name.
- You can control who can view and access your shared folders and even prevent others from detecting your computer's presence on the network.

### Parental Control for web browsing

- This feature allows parents/adults to set up user accounts with different access rights to web sites.
- Using the parental control feature parents can ensure that children are not visiting sites containing inappropriate content.

#### Scenario:

- *Mary is 4 years old and can only surf the sites [www.disney.com](http://www.disney.com), [www.norman.com](http://www.norman.com) etc.*
- *John on the other hand is allowed to surf all sites except those containing any pornographic material.*
- The banned sites are blocked by:
  - URL address
  - Words in the URL address
  - Content on sites (words in a banned word list matching words found on web pages).
- Parents can edit this banned word list at any time and enter words containing things they do not want a child to see.



#### Peace of Mind

Norman is one of the world's leading companies within the field of data security. With products for virus control, spam control, email control, download control, personal firewall, encryption, data recovery, certified data erasure and computer forensics, the company plays an important role in the data industry.

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## Time Control and Account Manager

- Parents are able to define one or more accounts with user passwords.
- Each account can be given a total time (may differ for each account) per day/week/month and/or special hours during the day.

### Scenario:

- John may only access the Internet between 16:00 and 21:00 and a total of five hours a week.
- Mary can also use the Internet for five hours a week, but must do so between 13:00 and 18:00.

## Active content control

- Active-Xs, Java-/VB-Scripts and Java Applets are supposed to enrich the Internet experience for users. However, malicious versions of these can cause serious security breaches.
- Norman Personal Firewall gives you total control over what sites can activate such behaviour on your PC, and which sites should be stopped.

## Checksumming of all executables

- With the checksumming of all executables (applications) that are stored in the rules database Norman Personal Firewall detects a possible trojan masquerading as a well-known Internet application.

### Scenario:

- Somebody has installed a backdoor trojan with the file name of IEXPLORER.EXE on your PC. This happens to be the same file name as Microsoft's Internet Explorer. In this case, Norman Personal Firewall would already have rules for the original Internet Explorer application allowing it to access Internet sites using the http, https and ftp protocols. The user will be warned about a possible security breach giving the user the possibility to block this trojan from communicating with the remote hacker/software.

## Cookie manager

- Websites seek to collect behavioural patterns while you surf the Internet. Snippets of information are being sent out between your browser and the web sites you visit. These so called «cookies» are useful for the sites to differentiate between surfers, but could also be collected and used to provide information about your surfing habits. With Norman Personal Firewall, you can control which sites you will allow to collect this information and block the rest.

- Surfing information such as «referrer» (the web page you came from) can also be blocked.

## Trusted sites

- The trust site feature increases user friendliness as it lets the user approve (trust) all active content on a site with one rule, thereby reducing the number of «warnings» that the user needs to take action on from the same site.

## MAC address authentication

- This feature is useful for scenarios where two or more computers are connected to a DSL router that also assigns an individual public IP to each connected PC. By letting Norman Personal Firewall know which MAC address should be trusted, connected PCs with public IPs within the same hub may communicate with each other freely.

## Port scan detection and logging

- These events occur when a number of packets arrive at your system to different services (ports) but from the same host (source). When this pattern occurs within an interval of time, Norman Personal Firewall will log this event as a port scan. The purpose of port scans is to discover what services your system is providing and could be used as a preliminary investigation prior to hacking attempts on your system.

## JavaScript pop-up blocker

- With Norman Personal Firewall you can block or accept pop-ups that are launched using JavaScript techniques. Although this feature stops most pop-ups that are automatically launched, it might miss pop-ups that are launched using other techniques. You should also be aware that if some web sites use this method to launch a legitimate window, it will be stopped.

## Trusted IPs

- With this feature you can add single IP addresses or a range of addresses that you trust and with which you want to share services.

- Any Pentium class PC running Windows 95/98/Me or Windows NT/2000/XP.
- For Windows 95 Internet Explorer version 4.0 or later is required.
- For Windows NT Service Pack 4 or later is required.

## System requirements



22 x "100%" awards



*Norman solutions for clients/workstations:* Norman Virus Control for Microsoft Windows 95, 98, Me, NT4.0, 2000, XP, OS/2, Linux (On-Demand scanning) | Norman Internet Control for Microsoft Windows 95, 98, Me, NT4.0, 2000, XP | Norman Personal Firewall | Norman Privacy

*Norman solutions for servers:* Norman Virus Control for Microsoft Windows NT4.0, 2000, 2003, XP | Norman Virus Control Firebreak for Novell Netware 4.11 and later | Norman Virus Control for Linux

*Norman solutions for web, gateways and mailservers:* Norman Spam Control | Norman Email Control | Norman Download Control | Norman Virus Control Net | Norman Virus Control for Lotus Domino (Win32, OS/2) | Norman Virus Control for Firewall-1 NG | Norman Virus Control for Microsoft Internet Information Server | Norman Virus Control for Microsoft Exchange | Norman Virus Control for MIMESweeper

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