

Multi Network Firewall

....Unlock the Security of Linux

Firewall, VPN, and traffic management security
for small and medium businesses



 ***MandrakeSecurity***

Multi Network

Firewall, VPN, and traffic management

AT A GLANCE

Multi-function security solution based on the Mandrake Linux operating system

Stateful Packet Inspection Firewall, IPSec 3DES VPN, Intrusion Detection, and Content Filtering

Scalable security with superior economics

Eliminates common "add-on" license costs

Easy to deploy and manage

Secure Web Interface and wizards for easy management and administration

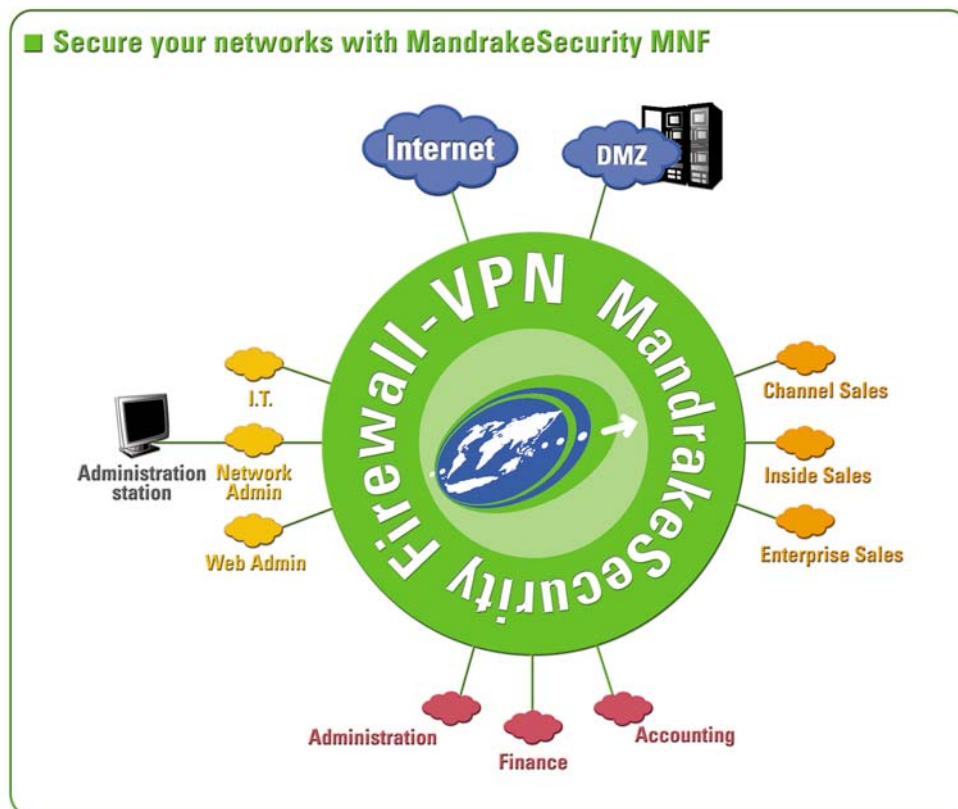
Product Overview

MandrakeSoft's integrated network security solution, Multi Network Firewall (MNF), combines firewall, Virtual Private Network (VPN), intrusion detection, and traffic management functions. With high throughput IPSec encryption, the MNF can be seamlessly integrated into any network and is compatible with all operating systems. Through a secure Web interface which utilizes finely-tuned wizards, network administrators can easily build a network, define access rules, filter and monitor Internet content, and perform administrative tasks.

This high performance security solution offers superior economics by eliminating typical "add-on" costs such as 3DES VPN licenses and VPN clients. The MNF supports an unlimited number of VPN clients.

Multi-Network Firewall

The MNF offers a complete security solution for small-and medium-sized companies. The MNF provides for flexible deployment solutions where multiple DMZs, Wireless LAN network, or segmentation of the internal network are required. Depending on the hardware, the MNF can achieve great performance on filtering and hundreds of VPN.



MandrakeSoft: A technology leader

MandrakeSoft not only provides the state of art in the firewall market, it has also created exclusive technology to ensure the best security ever.

The Research and Development labs of MandrakeSoft have created **MSec**, an innovative technology to manage system security.

MSec can prevent unauthorized or dangerous access and use of your computer, checking files permissions, settings and much more.

MSec is combined with the Mandrake Linux Secure Kernel to give you the best security on a kernel level. Even low-end command are now checked for vulnerability providing a security never seen in the firewall world.

....Unlock the Security of Linux

Firewall

security for small and medium businesses

Firewall Security

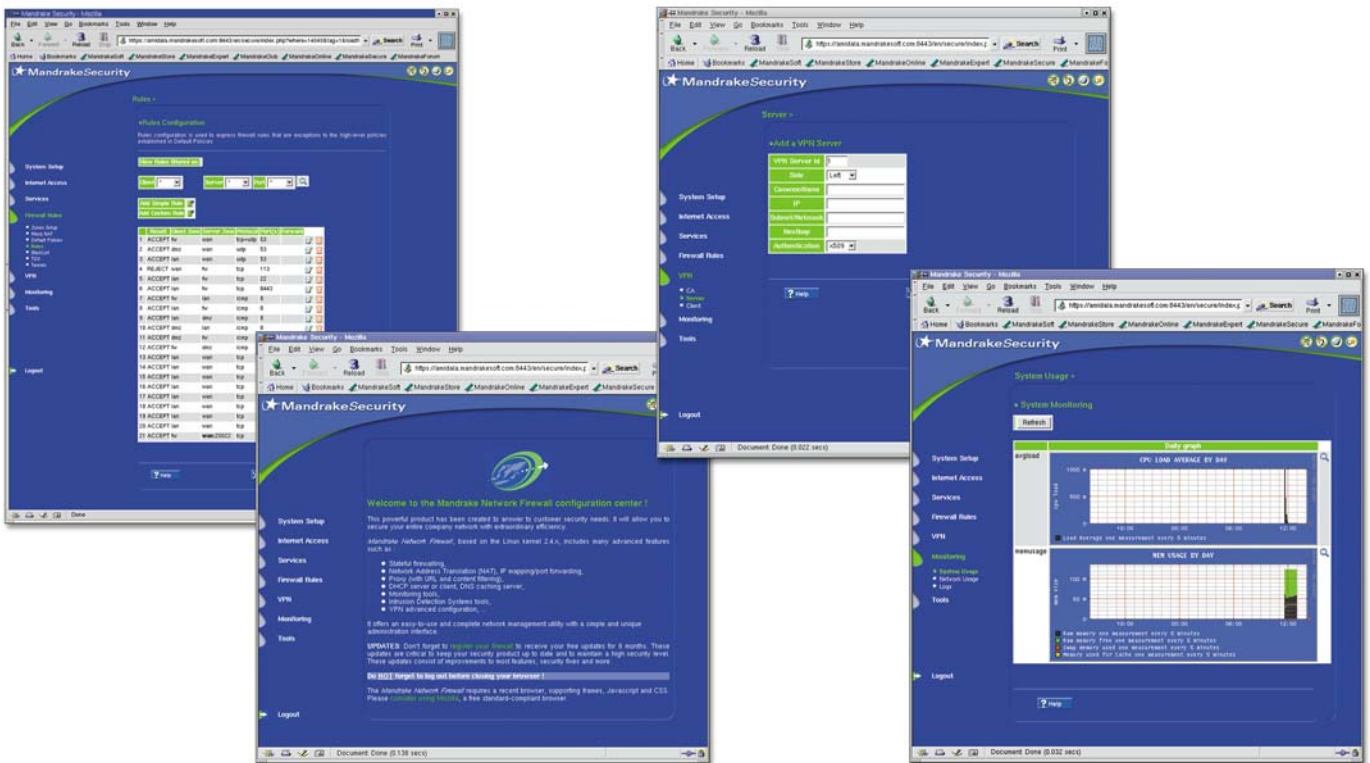
MandrakeSoft's MNF provides a comprehensive, scalable security solution for small and medium businesses, e-commerce sites, and branch offices. This full-featured firewall uses technology based on stateful inspection, securing against intruders and Denial of Service (DoS) attacks

- ★ Available either as software alone or bundled as a complete appliance through hardware partnerships
- ★ NAT (Network Access Translation) mode of operation
- ★ DMZ wizard allows administrator to set up several DMZs.

Traffic Management

The system administrator is able to monitor bandwidth used by various types of network traffic to ensure that business-critical applications are not impacted by web surfing or other non-critical applications.

- ★ Review bandwidth usage and firewall attacks with the Logs Analyzer. The log reports intrusion detection, DHCP and Proxy usage
- ★ Monitoring tools display detailed information about network & system activity
- ★ Specialized feature allows Internet access only during specified hours



Security Services

The MNF features additional security services including:

- ★ Intrusion Detection System
- ★ Vulnerability Scanning
- ★ Web Content Filtering and Custom Web Blocking

Web and Command Line Interface

Through a secure Web interface, which utilizes graphical wizards, network administrators can easily build a network, define access rules, and perform most administrative tasks. Additionally, the MNF offers a Command Line interface, accessible through SSH.

Virtual Private Networks

Integrated into the MNF solution an IPSec VPN solution enabling both site-to-site and remote access VPN applications.

Key features include:

- ★ 100 dedicated VPN tunnels with unlimited VPN clients
- ★ 3DES, DES, and ARC4 encryption using digital certificates IKE auto-key or manual
- ★ L2TP within IPSec

Features

FIREWALL. Firewall Throughput Packet filtering Method DoS, DDos Protection Transparent Mode Network Address Translation Port Address Translation Translation Predefined Services Customizable Services Number of Nodes Network Access Rules		Hardware Dependent Stateful Packet Yes Yes Yes Yes Yes Yes Yes Unlimited Yes
SECURITY SERVICES Vulnerability Scanning Proxy Web Content Filtering Custom Web Blocking Malicious Code Filtering		Yes Yes Yes Yes Java, ActiveX, Proxy, Cookies, Digital Certs
NETWORKING SUPPORT VPN Client Pass PPPoE/L2TP Support DHCP Client Support DHCP Server Support Total Static Routes		Yes Yes Yes Yes 128
MANAGEMENT Management Method Remote Management SNMP Management Command Line Firmware Update Method		Secured Web Browser SSH Yes Yes Yes with web-based MandrakeUpdate Diagnostic Tools Logging and Alerting
Recommended Configuration - Pentium or compatible processor - CD-ROM driver - 500 Mo free on the hard drive		- 64 Mo RAM - Graphical card and ethernet network card compatible with Mandrake Linux
HIGH AVAILABILITY Dual Power Supplies		Support UPS Included
IPSEC VPN VPN Encryption Encryption Methods Authentication Key Management VPN Interoperability VPN Tunnels DES (56-Bit) Speed 3DES (168-Bit) Speed Perfect Forward Secrecy Prevent Replay Attacks PKI/Digital Certificates VPN Clients Included		3DES, DES, ARCFour MD5, SHA-1 IKE, Manual IPSec Hardware Dependent Hardware Dependent Hardware Dependent Yes Yes Yes Linux (unlimited number)
A list of compatible hardware can be found at: http://www.mandrakelinux.com/en/hardware.php3 - Internet connection (Modem, DSL, Cable, ISDN)		

MandrakeSecurity MNF License Model

To meet different customers' needs, the MandrakeSecurity MNF is available through two different licenses. The "Download" End-User License Agreement is based on the GPL license and enables the user to freely copy and adapt the code. For companies wishing to resell or utilize the MNF with clients, the "Commercial" End-User License Agreement provides necessary support, security updates (through subscription), rights to change the code, and access to use of MandrakeSoft's brand

More details on this can be find at:
<http://www.mandrakesoft.com/products/mnf/license/>

About MandrakeSoft

MandrakeSoft provides a trusted interface between users of information technology and Open Source developers. The company offers its enterprise, government and educational customers a complete range of GNU/Linux and OpenSource software and related services, plus user-friendly and highly competitive information technologies. Additionally, MandrakeSoft offers technologists committed to Open Source software and courseware a trusted channel to offer their services.

MandrakeSoft has technologists in over 20 countries, and is traded on Paris Euronext Marche Libre (Euroclear code: 4477.PA; Reuters code: MAKE.PA) and the US OTC market (stock symbol MDKFF). MandrakeSoft has established headquarters in the U.S.A., Montreal and France.

Please visit the website:
<http://www.mandrakesoft.com> for more information.

