

NetPilot Vanguard R2100

UTM Internet Appliance for up to 100 users

Secure Internet and VPN connectivity for medium sized networks.

NetPilot Vanguard combines high performance and low power consumption, utilising the latest SSD technology and Intel processors it comes complete with a Premium UTM security pack, including Firewall, VPN, Anti-Virus, Anti-Spam and Content Filtering.



KEY SYSTEM FEATURES

UTM Security Features

NetPilot Vanguard comes complete with 12 months subscription to our latest **UTM Premium** pack, which includes:

- Advanced Firewall
- Anti-virus for email and browsing powered by Sophos
- Anti-spam
- Anti-spyware
- Email policy controls
- Intrusion detection and prevention
- URL Filtering
- 1st Year Software update service

Management Features

- Easy-to-use system admin interface
- Statistics and reports
- Simple configuration
- Remote support
- Automatic updates

Key VPN Functionality

- Site to Site, unit to unit
- Independently Checkmark accredited
- OpenVPN and IPSec

Other Key Features

- Web page caching
- Email server option (no cost)
- DNS, DHCP and FTP
- User and group access controls
- Time-based connectivity controls
- Web access controls and filters
- Multiple configurable Ethernet ports for LAN, WAN or DMZ

SUMMARY

NetPilot Vanguard integrates key hardware and software networking elements, together with an unparalleled array of Unified Threat Management (UTM) options, into a single secure Internet appliance.

In addition, it enables organisations to easily and securely deploy Internet based VPNs, controlled Internet access and email facilities.

NetPilot appliances are now available with 3rd generation VPN technology including OpenVPN and IPSec.

The unit provides controlled multi-user Internet access via multiple, configurable Ethernet ports, allowing flexible deployment of DMZs and multiple WAN or LAN interfaces. Other features include web and email servers, DHCP, DNS and FTP server functionality, all built-in.

NetPilot Vanguard provides all key security functions for medium-sized organisations of up to 100 users.

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UNIFIED THREAT MANAGEMENT

NetPilot Vanguard reduces complexity and protects users and the organisation from multiple internally and externally generated threats.

To provide complete peace of mind, NetPilot Vanguard is available with 12 months subscription to our Premium UTM protection. Best of Breed Anti-virus, Anti-spam, email policy controls, advanced firewall, intrusion detection and prevention systems, Anti-spyware and URL content filtering.

The intrusion detection system detects attacks or looks for behaviour on the network that is unusual or against acceptable use policies. It also provides an audit trail to show how the attack occurred, from where and how far it went. Once something unusual has been detected, the intrusion prevention system can be configured to automatically communicate with the NetPilot advanced firewall to block potential future exploits.

NetPilot appliances are now available with SSL VPN Plus™. This high performance SSL VPN technology eliminates the performance degradation and reliability issues of older SSL technologies.

Anti-spam facilities ensure your staff are not inundated with useless and time-consuming emails.

Email policy controls give the administrator even greater scope to create more extensive rules to deal with email,

Customised to your organisation's needs.

URL content filtering offers a complete control of all browsing activities. This service can be profiled for individual users or user groups, ensuring porn and all other undesirable content is blocked.

ADVANCED FIREWALL

The advanced firewall uses powerful inspection techniques. To provide the best security, a firewall must track and control the flow of communications. Unlike rudimentary packet filters that are found in cheap personal firewall products,

NetPilot's inspection mechanisms analyse information flow into and out of a network so that security decisions can be made in real time. This is accomplished by tracking the state and context of all communications traversing the firewall, even when the connection involves complex protocols.

The advanced firewall also offers the flexibility to allocate particular services and define protocol attributes to particular physical ports. In this fashion, multiple WAN, LAN, DMZ and other ports can be configured.

NetPilot Vanguard's *firewall* has undergone rigorous testing and has been awarded independent accreditation.

ANTI-SPYWARE

NetPilot uses URL filtering to ensure you don't browse sites that are known to infect PCs. In

addition, NetPilot stores identities of spyware and blocks them in the same way it blocks viruses. The databases of spyware and virus identities are updated automatically.

VPN CONNECTIVITY

With its Checkmark accredited Virtual Private Network (VPN) functionality, NetPilot Vanguard offers a choice of secure protocols and encryption options to allow creation of your organisations own internet-based VPN. Link sites together using secure VPN tunnels.

CONTROLLED HIGH SPEED WEB ACCESS

NetPilot Vanguard enables multi-user Internet access through any type of high-speed broadband connectivity. It has powerful, yet flexible, control facilities to administer local access to external resources. This includes user restrictions, web access controls and filters, as well as time controls.

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TOTAL EMAIL SOLUTION

At no additional cost NetPilot Vanguard can also act as a company-wide email server. Incoming and/or outgoing emails can be automatically copied or redirected. For complete flexibility, NetPilot Vanguard can be set to act as a gateway to another internal mail server such as Microsoft Exchange.

WEB PAGE CACHING

To save bandwidth and speed up response time, NetPilot provides caching. This allows popular websites, pages or parts of pages, to be stored locally in NetPilot Vanguard and to be viewed subsequently by other users without reconnecting to the Internet, unless the content has changed.

EASY TO INSTALL

NetPilot Vanguard is very straightforward to install and extremely easy-to-use. The network administrator is provided with 'Quick Configuration' mechanisms, which are accessed through a browser interface, enabling online connectivity within minutes.

ONGOING MANAGEMENT

NetPilot Vanguard monitors and reports on a range of activities including online time, the number of incoming and outgoing emails by user, web usage by time of day, and firewall rejects. These reports can be automatically collated and sent as a daily email to a system supervisor.

Support staff can check the operation of NetPilot Vanguard remotely and make online changes if necessary.

UPDATES AND SUPPORT

At the end of the initial 12 month subscription of UTM Premium, included with the NetPilot Vanguard unit, there is the option to renew for a further 12 months. Users have the choice of continuing their subscription to the same Premium UTM pack, or subscribing to the UTM Standard pack. The latter option is lower cost, but has correspondingly less features and functions.

All new NetPilot systems are supplied with 12 months hardware and firmware updates as well as a **free next day replacement service**. In subsequent years a low cost software and firmware maintenance service is available, and is included with UTM subscription renewal. For a little extra cost the next day replacement warranty can also be extended.

OTHER NETPILOT MODELS



There is a full range of NetPilot rack format models for organisations from 100 to 1000 users.

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UTM OPTIONS SUMMARY

UTM - Premium licence: (first year included, subscription renewal option after first year)

- Anti-virus for email and browsing from Sophos
- Anti-spam
- Email Policy
- Advanced Firewall
- Intrusion Detection /Protection System
- Anti-spyware
- Software update service

UTM - Standard licence: (Subscription renewal option after first year)

- Anti-virus for email based on Clam
- Anti-spam
- Email Policy
- Advanced Firewall
- Software update service

VPN SUMMARY

- Security – IPsec
- Optional SSL VPN Plus™
- Encryption – 3DES
- Authentication – Shared Secret
- Integrity – HMAC-MD5, HMAC-SHA1
- Key Management – IKE, Diffie-Hellman
- Keying - Automatic (perfect forward secrecy)
- IPsec
- OpenVPN

SERVER SUMMARY

- Email
- Cache
- File and HTTP
- FTP, DHCP, DNS

HARDWARE FEATURES

- Single u Rack Mount Enclosure
- Front panel with LED status indicators
- Intel Dual Core™ Processor
- 4GB RAM



LEDS

- Power , I/O. Status

Rear Switches

- Rear Panel Soft On/Off

DISK AND I/O



Disk

- Intel SSD 60GB Drive for extreme high reliability and lower power consumption
- 1,000,000 hours + MTBF
- >100MB/sec read
80MB/sec write

Ports

- 3x10/100/1000 Mbps Ethernet

PHYSICAL

Desktop Enclosure

Height	1.7"	43mm
Width	16.77"	426mm
Depth	14.0"	356mm
Weight	20lbs	9.3kg

POWER

Auto self-sensing power supply

- AC 100-240 V AC
- 50-60 Hz
- 4A Max

ENVIRONMENTAL

- Temperature range : 0 to 35 C
- Humidity range : 20% to 50% non-condensing
- Max Altitude : 3000m

APPROVALS

- CE Mark
- UL, UL1950
- CUL, CSA-C22.2, No 950
- ICES-0003 Class B
- TUV-GS, EN60950
- EN55022/CISPR 22 ClassB

ORDERING INFORMATION

Order Code	Description
R2100/002	NetPilot Vanguard base firewall /vpn in 1u Rack mount enclosure with triple Ethernet (e.g. for DSL, DMZ, LAN, WAN) includes 12 months subscription to Premium UTM pack

WHAT'S INCLUDED

- NetPilot Vanguard Unit
- Power Cord
- Ethernet Cable
- Getting Started Guide

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