

## NetPilot Vanguard S2100

### UTM Internet Appliance and SSL VPN Plus™ server for up to 100 users

Secure Internet and VPN connectivity for medium sized networks. Now more flexible and available as a total UTM solution or focussed point product. Choose from base unit or combine as many options as you need. Also Available Neoaccel SSL VPN Plus™

NetPilot Vanguard combines high performance and low power consumption, utilising the latest SSD technology, and Intel Core Duo™ processor. Available as either a base Firewall / VPN unit, or with a complete UTM security pack, Netpilot Vanguard can also be deployed as a point solution e.g. Anti Virus, or as a dedicated SSL VPN Plus™ server.



### KEY SYSTEM FEATURES

#### UTM Security Features

NetPilot Vanguard UTM comes complete with 12 months subscription to Equinet's 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
- 1<sup>st</sup> 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
- Neoaccel SSL VPN Plus™

#### 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 3<sup>rd</sup> Generation Neoaccel SSL VPN Plus™. This VPN technology eliminates the performance and reliability issues of older SSL technologies.

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. Add Neoaccel SSL Plus™ and the unit also performs as a high performance remote access server.

## NetPilot Vanguard S2100

### UNIFIED THREAT MANAGEMENT

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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 behavior 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

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The advanced firewall uses powerful stateful packet 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 stateful inspection analyses 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 independent testing from West Coast Labs and has been awarded Checkmark accreditation.

### ANTI-SPYWARE

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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

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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.

Neoaccel SSL VPN Plus™ provides clientless access to network resources. Client based access additionally provides EPS, data leakage prevention and cache cleanup. Neoaccel SSL VPN Plus™ technology eliminates the problem of TCP/IP over TCP/IP meltdown, resulting in poor performance.

### CONTROLLED HIGH SPEED WEB ACCESS

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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.

## NetPilot Vanguard S2100



### 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

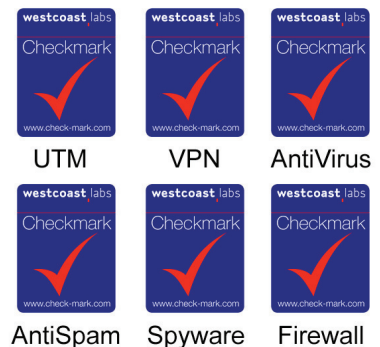
At the end of the initial 12 month subscription of UTM Premium, included with the NetPilot Vanguard unit, there is the option to renew for a further 12 months. Users have the choice of continuing their subscription to the same Premium UTM pack, or subscribing to the UTM Standard pack. The latter option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



NetPilot Vanguard is a member of the NetPilot family of Internet security products. From the entry level NetPilot Guardsman with its unique fully solid state architecture, to the flagship 4 core NetPilot Globemaster 2500, there is a NetPilot to suit almost every requirement.



# NetPilot Vanguard S2100

### 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

#### Point Solution Options

- Sophos Av & Anti Spyware
- Brightfilter Web Filtering
- Spam Assassin

### 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)
- CIPE
- OpenVPN

### SERVER SUMMARY

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

### HARDWARE FEATURES

- Attractive enclosure with external power supply
- Front panel with LED status indicators
- Intel Core Duo™ Processor
- 1 GB RAM



#### LEDS

- Power

#### Rear Switches

- Rear Panel Soft On/Off

### DISK AND I/O



#### Disk

- Intel SSD 40GB 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	3.9"	100mm
Width	10.4"	263mm
Depth	8.1"	206mm
Weight	5.6lbs	2.55kg

### 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
S2100/001	NetPilot Vanguard base firewall /vpn in desktop enclosure with triple Ethernet (e.g. for DSL, DMZ, LAN, WAN)
S2100/002	NetPilot Vanguard as above but includes 12 months subscription to premium UTM pack
SSL010/001	Neoaccel SSL VPN Plus™ inc 10 CCU's
SSL010/002	Additional 10 CCU Neoaccel SSL VPN Plus™

### WHAT'S INCLUDED

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