

NetPilot Software Release Notes for V6.1.0 – V6.1.3

V6.1.0

Released 14th Sept 2011

1. Web keyword filtering

New feature which provides the facility for blocking web pages if they contain particular words or phrases, configurable by the administrator. The list of phrases is entered under “banned phrases” on the site blacklist pages, e.g. *global forbidden sites*.

Note: This feature is available when a Smartfilter URL filtering licence is installed, and “web content filtering” is activated via the licence screen.

2. Google/Bing Safesearch Enforcement

New feature which provides safe access to the Google and Bing search engines, by enforcing use of the “safe search” feature of these search engines. This feature is configured within the “urlmanip” section of the site greylist pages, eg. *Global manipulated sites*. When enabled, search queries are manipulated to ensure that a safe search is performed. If you have disabled access to search engines via a blacklist (e.g. *global forbidden sites*), and you wish to allow safe access to Google and Bing, you need to apply the following settings:-

- a. Tick the Bing Safesearch / Google Safesearch options on the *global manipulated sites* page.
- b. Add the following hosts to the “site list” section of the *global manipulated sites* page:-
 - *.google.co.uk
 - *.google.com
 - *.googleusercontent.com
 - *.bing.co.uk
 - *.bing.com
 - *.bing.net

Note: This feature is available when a Smartfilter URL filtering licence is installed, and “web content filtering” is activated via the licence screen.

3. IPsec extended configuration options

v6.1.0 adds a new IPsec profile type, “IPsec Advanced”, which offers enhanced interoperability with 3rd party VPN devices. IPsec Advanced profiles allow the following Phase 1 and Phase 2 parameters to be configured manually:-

- Hash algorithm
- Encryption algorithm
- Diffie Hellman group
- Key lifetime

In addition, static routes attached to IPsec Advanced profiles accept a source address and mask as well as a destination. Each static route initiates a single IPsec connection. This is in contrast to a regular IPsec profile which automatically sets up IPsec connections from all local networks.

4. Ethernet speed and duplex configuration options

In v6.1.0, Ethernet speed and duplex mode can be manually configured. On the *Network Profiles* page, tick “show advanced options” to display and edit the Ethernet speed and duplex settings. The currently negotiated speed and duplex mode for each network interface are displayed on the *interface list* page under the *Network* menu.

5. New defaults in the Trusted/Internet firewall

The default firewall settings for LAN devices accessing the internet are more permissive than in previous versions of software.

-Outgoing traffic is allowed by default

-Web traffic is transparently proxied and filtered

These settings can be adjusted via the Trusted/Internet firewall.

6. NTP servers

By default v6.1.0 uses NTP time servers from pool.ntp.org.

7. Product Activation

In v6.1.0 and onwards, please note that it is necessary to activate your NetPilot or SohoBlue unit by installing a UTM Pack or Firmware Licence to enable full product functionality.

8. CIPE end-of-life

CIPE has been removed and is superseded by OpenVPN which provides identical functionality.

When restoring a backup containing CIPE profiles it is necessary to manually migrate these VPNs to OpenVPN.

9. Important note for users of Neoaccel SSL VPN-Plus

Neoaccel SSL VPN-Plus is not included in v6.1.0 software. For users of SSL VPN-Plus, please continue using v6.0.5 / v6.0.x.

V6.1.1

Released 18th Oct 2011

- PPP over Ethernet (PPPoE)

PPPoE support is added for compatibility with ISPs which provide a broadband service using this connection method. To use PPPoE, select the PPPoE profile on the LAN2 connector, and edit the profile to enter the username and password supplied by your ISP.

V6.1.2

Released 2nd Nov 2011

- Updated ethernet drivers for SohoBlue, Guardsman and Vanguard models.

V6.1.3

Released 25th Nov 2011

- Keyword filtering now matches on whole words rather than subwords. As an example, it is now possible to block pages containing the word 'sex' without causing 'essex', 'middlesex' etc. to be blocked.
- Firewall packet state checks have been modified to enable asymmetric routing configurations, in which the NetPilot is not exposed to all network traffic in both directions.
- Cache performance tuning for Vanguard and Globemaster models.