

The Tecknovate's NetSheild™

The Tecknovate's NetSheild™ is a full featured internet security appliance. The device has been designed with "usability in mind" and can be installed on just about any network without losing its flexibility. The features include a state-full packet inspection firewall, application-level proxies for various protocols (HTTP, POP3, SMTP, SIP) with antivirus support, virus and spam filtering for email traffic (POP and SMTP), content filtering of web traffic and an encrypted VPN solution. The main advantage of The Tecknovate's NetSheild is that it protects all network activity at the gateway in a single appliance.

Firewall with stateful inspection

The Tecknovate's NetSheild™ is a firewall appliance based on Stateful Inspection technology that identifies every incoming packet: by recognizing the source and contents of each packet, NetSheild™ can guard against unwanted intrusions or external attacks.

Mail Security System

Have your e-mails protected from viruses and spam. NetSheild™ watches any mail server or client, thanks to transparent proxies. Any mail server such as Microsoft Exchange or Lotus Domino as well as mail programs like Microsoft Outlook or Thunderbird will automatically be protected and filtered by the NetSheild™ antivirus and antispam protection system; there is no need to change email settings.

Web Security

The NetSheild™ content filter keeps web surfing safe for your users, and guards them against viruses and unwanted content such as violence, pornography or illegal software. It allows you to securely monitor your network's internet access to ensure compliance and improve productivity. It is generally used by companies that don't want their employees to surf in ambiguous sites; this provides compliance and protects your business against liability.

VPN Easy and Fast

Thanks to NetSheild™ OpenVPN you can quickly and easily set up secure SSL encrypted tunnels between your company's branches or between your remote agents' laptop and the head office network. NetSheild's VPN client supports Windows, Linux and Mac OSX clients, so you are able to connect your PC or laptop to your remote network wherever you are easily and safely.

Technical Highlights

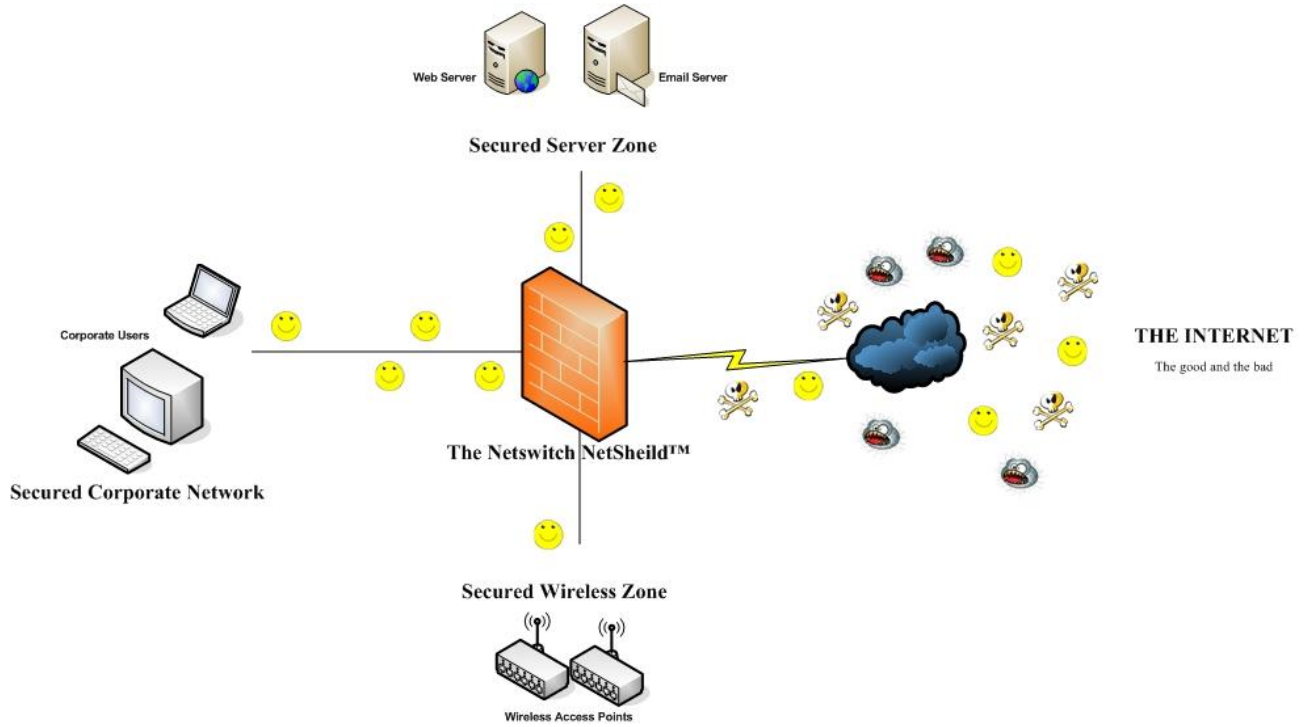
Tecknovate's NetShield™ provides a – Incoming Firewall (state full inspection) - Outgoing Firewall - IPSec Gateway to gateway VPN - IPSec Remote client to gateway VPN (road warrior) - NAT - Multi-IP address support (aliases) - Dynamic DNS - DMZ support. HTTPS Web Interface - Detailed network traffic graphs - View active connections - Event log management - Log redirection to external server - DHCP Server – NTP Server - Traffic Shaping / QoS. Transparent POP3 antivirus/anti spam proxy - Transparent SMTP antivirus/anti spam proxy Transparent HTTP proxy - Web Proxy with local users, MS Windows domain, Samba, LDAP, Radius Server management - Intrusion Detection System - ADSL modem support - Configuration backup and restore - Remote update - SIP VoIP Proxy, HTTP Antivirus.

VPN Gateway Module - Gateway to gateway VPN with OpenVPN - Remote client to gateway VPN (roadwarrior) with OpenVPN - Bridged and Routed VPN mode - NetShield™ VPN Client – Windows, Linux, MacOSX

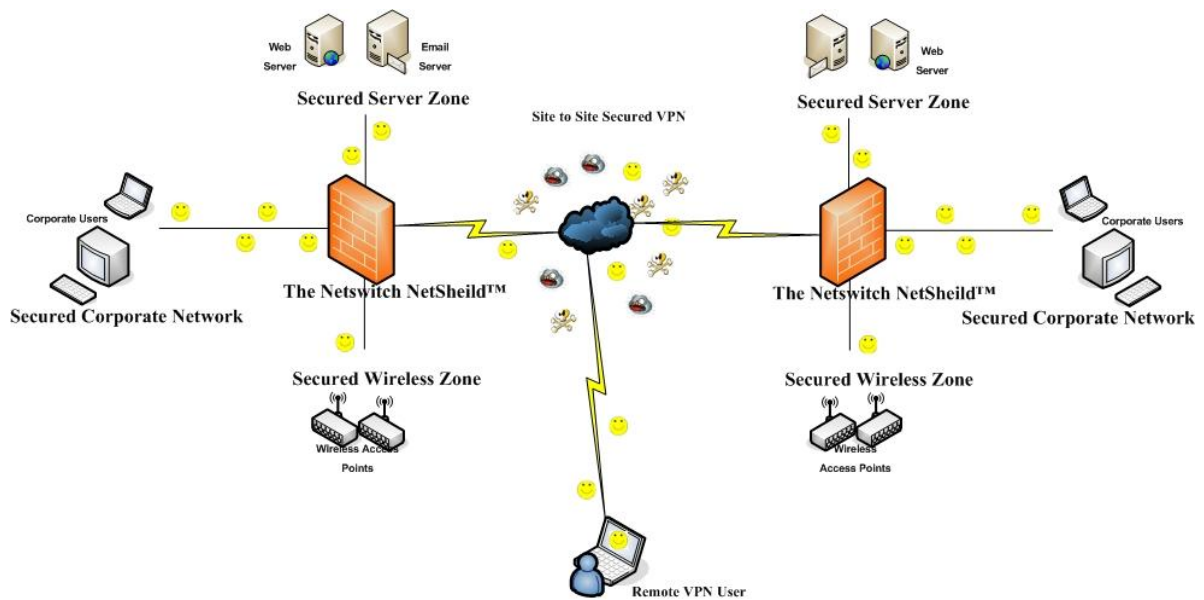
Web Content Filter Module - URL filter - Web content analysis/filter - Whitelist and blacklist management - Web surfing time limits.

Advanced Antivirus Module - HTTP Antivirus - Transparent SMTP antivirus/antispam proxy.

NetShield™ Head Office Gateway Design



NetShield™ Site to Site Secured VPN and Remote Access



Each NetShield™ Internet Gateway is custom built using Server Grade Intel components to ensure reliability and maximum throughput.