

# Your Network Security Partner

When you plug into the world, it's easy to forget the world is also plugged into you. Cyber Attacks are on-going 24 hours a day, all year round. With Network Box as your security partner, we remotely monitor and protect your network 24x7x365 via our 16 Security Operations Centres, spread across the globe. Thus ensuring your network is constantly secured.



## Essential Security Solutions

Cyber Security issues arise because most businesses do not have the right protection in place. Merely having a firewall with anti-virus and anti-spam software is not enough. Comprehensive protection from both internal and external threats, as well as strict company policy enforcement, are vital for all businesses.



### PUSH Technology

- Updates are PUSHed out and installed in an average time of less than 45 seconds
- Automated process, the customer does not need to manually download and install the updates
- Currently, Network Box is PUSHing out 15,567 updates a day



### Hybrid Firewall

- Proxy Firewall, maintains transparency between requester and server
- Packet-Filtering, suitable for basic protection with minimal overhead
- Stateful Packet Inspection, suitable for high performance and sophisticated rule sets



### Intrusion Detection and Prevention (IDP)

- 3 Engines, 15,992 Signatures
- Scans network traffic at the application level, and seamlessly blocks malicious behavior with zero latency
- Two Modes: Active (blocks network traffic)  
Passive (logs intrusion attempts)



### Virtual Private Network (VPN)

- Authenticated user sessions
- Allows different firewall policies to be applied to encrypted vs non-encrypted traffic and to specific end-points
- Supports 3 core VPN Technologies: PPTP, IPSEC, SSL VPN



### Data Leakage Protection (DLP)

- Customizable rules and policies
- Complex pattern matching and Content analysis
- Optical Character Recognition (OCR)



### Anti-Malware

- 16 Engines, 11,358,298 Signatures
- Triple 100% Tolly Group detection rating against their Extended Wildlist Malware database over HTTP, SMTP and POP3 protocols
- Zero-Day Anti-Malware engine, Z-Scan, responds in an average time of 3 seconds from a threat being detected



### Anti-Spam

- 25 Engines, 30,725,862 Signatures
- 98.75% Spam Detection Accuracy, with 0.01% False-Positive Rate
- Anti-Spam technologies: Co-operative Spam Checksums, Signatures and Spam Scoring, Real-Time IP and URL Blacklists, Mail Portal, URL Categorization, Bayesian Filtering, OCR



### Web Content Filtering

- 16 Engines, 33,594,503 Signatures
- Uses high performance signature based technology, rather than a simple URL database
- Detection rate of 98.7% for the Top 100,00 websites



### Application Identification and Scanning

- Customizable policy rules for enhanced control of Internet access
- Supports: 1,200 applications, 15 categories, 20 tags
- SSL encrypted traffic can also be identified and controlled



### Anti-Distributed Denial of Service (Anti-DDoS) Protection

- Real-Time Automated fingerprinting
- Slows down attacks by a factor of up to 1,000
- Millisecond response to brute force attacks



### Web Application Firewall (WAF)

- Uses a database of over 6,000 rules combined with a signature database to identify several million threats
- Up to 15,000 fully analyzed transactions per second
- Supports standard and custom applications



### Entity Management

- Allows IT Managers to monitor, manage, and protect, their users and networks
- All users' devices can be grouped into individual entities
- Presents a single holistic view of the activity, of each of the entities in the network



### IPv4 to IPv6 Bridging

- Certified to globally recognized IPv6 Ready Core Phase 2 standard
- Automatic dual-stack switching mechanism combined with protocol translation
- Offers IPv6 Border Gateway Protocol services for customers



### Network Monitoring and Reporting

- HTML-5 Customizable Dashboard
- Customized Reports: Adobe PDF, CSV and other formats
- Real-time portable monitoring

# Next Generation Managed Security

Your Network Box protects you from the worst the Internet has to offer. Its power lies in intelligent software that guards your network against malicious hackers, industrial spies, spam, malware, botnets - even your own staff.



Network Box HQ's ISO 9001/ ISO 20000/ ISO 27001 certified Security Operations Centre.

Once we install your Network Box, we remotely manage, monitor and protect your network. Which means the only time you'll ever think about security is when you receive your customized report listing the problems you have avoided.



## Network Box Service Packages Matrix

In order to provide comprehensive security solutions, Network Box's technologies have been categorized and compiled into nine service packages: FW+, AV+, CF+, UTM+, WAF+, EMP+, WBP+, FWAF+ and UTMW

Security Technologies	FW+	AV+	CF+	UTM+	WAF+	EMP+	WBP+	FWAF	UTMW
PUSH Updates	●	●	●	●	●	●	●	●	●
Network Monitoring and Reporting	●	●	●	●	●	●	●	●	●
Firewall	●	●	●	●	●	●	●	●	●
Intrusion Detection and Prevention (IDP)	●	●	●	●	●	●	●	●	●
Virtual Private Network (VPN)	●	●	●	●	●	●	●	●	●
Anti-Malware (email)	●	●	●	●	●	●	●	●	●
Anti-Malware (web)	●	●	●	●	●	●	●	●	●
Anti-Spam	●	●	●	●	●	●	●	●	●
Content Filtering	●	●	●	●	●	●	●	●	●
Application Scanning (Lite)	●	●	●	●	●	●	●	●	●
Entity Management	●	●	●	●	●	●	●	●	●
Data Leakage Protection (DLP)	●	●	●	●	●	●	●	●	●
Anti-DDoS	●	●	●	●	●	●	●	●	●
Web Application Firewall (WAF)	●	●	●	●	●	●	●	●	●
IPv4 to IPv6 Bridging	●	●	●	●	●	●	●	●	●

