

## The Security You've Always Wanted But Couldn't Get ...Until Now

### DON'T SACRIFICE PERFORMANCE FOR SECURITY

Companies today no longer have to suffer with firewalls that provide weak performance at the perimeter or that cannot protect inside the LAN. They have recognized the need to protect new applications to manage risk and comply with new regulatory requirements. They understand that precise network security cannot be achieved without securing critical performance-demanding applications such as voice/video and assets within their networks – in locations that, until now, could not be secured.

Infinity Security TruePerform™ Firewalls can offload or replace existing firewalls to handle today's performance-sensitive applications where companies need it most — at the perimeter and in the core of the LAN. Voice, video and data can now be encrypted — you no longer have VPN limits. Massive performance means massive protection against DDoS attacks intended to put you out of business.

### TRUE GIGABIT PERFORMANCE

TruePerform Firewalls are designed to meet critical performance needs ignored by today's current class of firewalls. They allow enterprises and service providers to deliver a secure unparalleled user experience for real-time applications (voice, video and gaming) as well as traditional applications (Web, e-mail) — encrypted and protected.

Current firewall products are designed to keep-pace with small volumes of large data packet traffic at the perimeter. Unified threat managers (UTM) are designed to be an all-in-one solution whose performance degrades due to feature overload when trying to protect real-time applications.

TruePerform Firewalls are measured under real-world conditions: at small data packet sizes and fully-configured. The result is no performance degradation — whether at initial deployment or during ongoing policy changes. The same cannot be said for any other firewall. The competition measures themselves with large packets and zero configured policies.

### INCREASED SECURITY, DECREASED COSTS, POLICY-RICH FLEXIBILITY

TruePerform Firewalls lead the industry in price-performance, costing a fraction of comparable firewalls. By eliminating cost barriers, unprotected portions of the networks can finally be secured. An enterprise's valuable data and the ability to address compliance concerns need no longer be compromised due to budget constraints.

And there's more besides TruePerform's cost. While comparable firewalls use up to 3U rack space, TruePerform's performance is packaged in a space-saving 1U appliance, freeing up costly rack space.

### GREEN COMPUTING

The TruePerform Firewall is the industry's first green firewall. Consuming an unprecedented 32 watts of power, the cost savings continue after the installation with up to 10 times savings in operational costs compared with other firewalls of comparable performance.

### SCALABLE MANAGEMENT

Error-free security requires powerful management. Besides traditional command line interface (CLI) and a browser-based graphical user interface, the Infinity Security product family offers industry-unique policy management to configure complex security configurations.

The Infinity Policy Manager generates firewall, VPN, and NAT rules based on a powerful visual interface, reducing errors, closing security holes and saving hours of configuration every time a policy is changed. Existing firewall configurations including Cisco, Check Point®, and Juniper Netscreen® can be easily imported and converted to a TruePerform Firewall configuration. Whether for one or hundreds of firewalls, all changes are made from a single Policy Manager console using simple drag-and-drop of desired policies – no more tedious CLI code writing or numerous browser clicks.

# Infinity Security Solutions TruePerform™ Firewall

## SPECIFICATIONS

### PERFORMANCE AND CAPACITY

Firewall performance	4Gbps
Small Packets	
10,000 Policies Configured	
Firewall packets per second	850,000
64 Byte Packets	
10,000 Policies Configured	
3DES+SHA-1 VPN performance	2Gbps
Small Packets	
254 Tunnels Configured	
Maximum concurrent sessions	512,000
New sessions/second	15,500
Security Policies	24,000
VPN tunnels	8,000
Maximum Users Supported	Unlimited

### FIREWALL

Stateful packet inspection  
Layer 2 (transparent mode)  
Layer 3 (route and/or NAT mode)  
Access control lists  
  Port, protocol, IP address, time schedule  
Security Zones (256)  
Policy Management

### DOS/DDOS ATTACK PREVENTION

Deep packet inspection  
Protocol anomalies  
Stateful protocol signatures

### VPN

Site-site VPNs  
Remote access VPNs  
Transport mode  
Tunnel mode  
DES, 3DES and AES-256 encryption  
MD-5 and SHA-1 authentication  
Manual key and IKE key exchange with ISAKMP  
Perfect forward secrecy (PFS) DH Groups 1, 2, 5  
Prevent replay attack  
IPsec NAT traversal (NAT-T)  
VPN tunnel monitor  
Dead peer detection  
RADIUS/XAUTH authentication

### NETWORK ADDRESS TRANSLATION (NAT)

1:1, Many:1, Many:Many  
Port Address Translation (PAT)  
Source NAT  
Destination NAT  
Dynamic IP addressing  
Policy-based NAT

### NETWORKING

802.1q VLANs: 240  
Static routing: 2,000 routes  
Dynamic routing: RIP v1/v2  
DHCP Relay  
NTP

### LOGGING AND MONITORING

Syslog servers (up to 2)  
E-mail servers (up to 2)  
SNMP v2  
Traceroute

### HIGH AVAILABILITY

Active/Passive  
Configuration synchronization

### CERTIFICATION

ICSA Firewall (Q2 2008)  
VPNC Interoperability

### DEVICE MANAGEMENT

Command line interface (CLI)  
  Console, SSHv2  
Browser user interface  
  HTTP and HTTPS  
Policy Management (optional)  
Management via VPN tunnel  
3 stored software images  
  Configuration rollback

### HARDWARE

Interfaces	2 Fixed 10/100/1000Base-T 2 1000Base-SX, -LX or -TX*
Chassis	1U, rack-mountable
Dimensions (H/W/L)	1.75" x 19" x 12" 4.5 cm x 48.3 cm x 30.5 cm
Weight	7 lbs 3.2 kg
Fans	2
Power Supply	100 to 240 VAC, 50-60 Hz
Temperature	
Operational	41 to 104° F 5° to 40° C
Storage	-40 to 158° F -40° to 70° C
Humidity	5% to 85%
Max Power Consumption	<40W
Safety Compliance	UL, cUL, CE, CB
EMC Compliance	FCC Class A, ICES Class A, VCCI Class A

\*Requires separate SFP modules

### ORDERING INFORMATION

TruePerformance Gigabit Firewall  
2-Port Firewall appliance (P/N: IS-WNA-N2F-LF020)

#### Policy Manager Software

5-Device Support (P/N: IS-NNW-VPM-00005)  
10-Device Support (P/N: IS-NNW-VPM-00010)  
25-Device Support (P/N: IS-NNW-VPM-00025)

Maintenance and support agreements are available through authorized resellers, or by contacting Infinity Security Sales.

Technical assistance available through an authorized reseller or through Infinity Security Technical Support online at [www.infinitysec.com/support](http://www.infinitysec.com/support).

## WHAT ANALYSTS SAY

"Infinity Security has developed a next generation firewall specifically designed for the evolving needs of performance-demanding enterprise applications and LAN-based placements that legacy firewalls today can't handle.

By performing at full Gigabit throughput, independent of packet size and number of firewall rules, applications such as VoIP, video and server security won't be impacted by latency-sensitive security needs.

The firewall is powerful yet cost-effective enough to easily deploy with the most demanding applications and within your LAN, while still handing the protection at the perimeter."

Jeff Wilson

Principal Analyst, VPN and Security  
Infonetics Research

## WHAT OUR CUSTOMERS SAY

"There are several security enclaves within our network needing Gigabit firewalls to protect servers inside the network. After months of testing, including deployment in a live network, we've found the Infinity Firewall provides the security and performance we require at a price that is lower than other systems."

Mike Bennett

Lawrence Berkeley National Labs  
"50 Most Powerful People in Networking"



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