

# Proventia™ Intrusion Prevention Appliances

Internet Security Systems' (ISS) **Proventia™ intrusion prevention appliances** automatically block malicious attacks before they impact your organization, preserving network availability, reducing the burden on IT resources and preventing security breaches. Proventia intrusion prevention appliances sit inline on the network or at the gateway blocking intrusions, denial of service attacks, backdoors and hybrid threats that can paralyze an enterprise.

The Proventia appliances complement other Internet Security Systems network, server and desktop protection offerings, and are centrally administered through the SiteProtector® management platform, eliminating the need for active administrator involvement. Ongoing **X-Force®** security research and development results in first-to-market **X-Press Update™** enhancements to provide the most current protection against known and unknown threats. ISS is the foremost provider of intrusion detection and prevention and the only company that preemptively protected against all of the last five major Internet worms - Sasser, MS Blaster, SQL Slammer, Nimda and Code Red.

## The Proventia Advantage Dynamic Blocking

- Enables an immediate and reliable blocking response to unwanted traffic
- Includes more than 225 default rules out-of-the-box that prevent the propagation of hybrid threats, such as Sasser, MS Blaster, SQL Slammer, Nimda and Code Red
- Allows legitimate traffic to pass unhindered without impacting network performance
- Immediately protects against known and unknown attacks without having to apply unscheduled manual patch updates or hotfixes

<sup>1</sup> See [www.nss.co.uk](http://www.nss.co.uk) for the full report of more than 750 tests



## Proven Prevention Without False Positives

- Deep protocol analysis capabilities provide accurate and high-performance protection against known and unknown attacks.
- Analyzes more than 100 network protocols and includes more than 2,500 unique checks.
- The technology employed in Proventia intrusion prevention appliances earned the NSS Approved award in the NSS Group IPS Group Test (Edition 1). The Proventia G200 demonstrated 100 percent attack detection and blocking, 100 percent out-of-the-box resistance to false positives and 100 percent resistance to evasion techniques.<sup>1</sup>

## Centralized Management with SiteProtector

- Control, monitor and analyze with minimum staff and operational costs
- Scales easily from small organizations to large, global enterprises
- Advanced data correlation, impact analysis and attack pattern recognition with the **SiteProtector SecurityFusion™** module

## Flexible Deployment Options

- Up to four network segments monitored inline with a single appliance (Proventia G1200 models)
- Out-of-the-box protection with minimal tuning and simple configuration to get up and running quickly
- Easily switches between detection and prevention without disrupting or blocking legitimate network traffic
- Three modes of operation include: Active (inline, blocking), Passive (offline, no blocking) Simulation (inline, no blocking)
- Native support for asymmetrically routed networks (Proventia G1200 models)

### Performance & Benefits:

- Block known and unknown attacks before they do damage
- X-Force R&D delivers immediate automatic updates
- Lower cost of ownership
- Automated management



Proventia G200  
NSS Group, January 2004

### Performance and Reliability

- Protects at wire speed without consuming network bandwidth or disrupting network availability
- Allows traffic to pass in the event of power loss or other failure
- Premium quality systems based on Intel server architecture that includes:
  - Redundant internal cooling fans
  - RAID (redundant) storage to prevent fatal hardware failures
  - Hot swappable power supplies

### Layer Two (bridge-mode) Intrusion Prevention

- Invisible to the monitored network and determined attackers
- Separate out-of-band management interface

### Managed Protection Services (MPS)

- Guaranteed, performance-based Service Level Agreements (SLAs)
- Performance-based reporting
- Managed Service Customer Portal
- Bundled services (MPS Premium Service Only)

## Proventia Intrusion Prevention Appliance Specification Details

### Specifications Common To All Models

Form Factor	2U (G100 and G200 = 1U)
Management Interface	One (1) 10/100/1000 Mbps Copper
Dedicated Kill Interface (passive mode only)	One (1) 10/100/1000 Mbps Copper
Inline Segment(s)	One (1) (G1200 models = 4 segments)
Bypass on failure	Yes (G1000F, G1200F and fiber segments of G1200CF option with external bypass unit)
Centralized Management	Yes, SiteProtector
Redundant Storage	Yes
Redundant Power Supply	Yes (not G100 and G200)
Operating System	Proventia OS
Enclosure	Fits 19" rack
Serial Ports	One (1)
Lockable front bezel	Yes
Operating Temperature	10C to 35C (50F to 95F)
Non-Operating Temperature	-40C to 70C (-40F to 158F); relative humidity 95%; non-condensing at 30C
Emissions	FCC Class A

Model-Specific Details	Performance	Monitoring Interfaces	AC Power
G100	100 Mbps	Two (2) 10/100 Mbps Copper	100-127V (50-60Hz) 2 Amps
G200	200 Mbps	Two (2) 10/100/1000 Mbps Copper	200-240V (50-60 Hz) 2 Amps
G1000-400	400 Mbps	Two (2) 10/100/1000 Mbps Copper	100-127 V ( 50 - 60 Hz) 5.2 Amps 200-240 V ( 50 - 60 Hz) 2.6 Amps
G1000F-400	400 Mbps	Two (2) 1000 Mbps SX Fiber (LC)	
G1200-400	400 Mbps	Eight (8) 10/100/1000 Mbps Copper	
G1200CF-400	400 Mbps	Four (4) 10/100/1000 Mbps Copper; Four (4) 1000 Mbps SX Fiber (LC)	
G1200F-400	400 Mbps	Eight (8) 1000 Mbps SX Fiber (LC)	
G1000	1000 Mbps	Two (2) 10/100/1000 Mbps Copper	
G1000F	1000 Mbps	Two (2) 1000 Mbps SX Fiber (LC)	
G1200	1200 Mbps	Eight (8) 10/100/1000 Mbps Copper ( 50 - 60 Hz)	
G1200CF	1200 Mbps	Four (4) 10/100/1000 Mbps Copper; Four (4) 1000 Mbps SX Fiber (LC)	
G1200F	1200 Mbps	Eight (8) 1000 Mbps SX Fiber (LC)	

### Get Started Today

To get started securing your information, contact an ISS security consultant at 800-776-2362 in the U.S. or +1 (404) 236-2600 outside the U.S., or visit the Internet Security Systems Web Site at <http://www.iss.net>.

### About Internet Security Systems (ISS)

Internet Security Systems, Inc. (ISS) is the trusted expert to global enterprises and world governments providing products and services that protect against Internet threats. An established world leader in security since 1994, ISS delivers proven cost efficiencies and reduces regulatory and business risk across the enterprise for more than 11,000 customers worldwide. ISS products and services are based on the proactive security intelligence conducted by ISS' X-Force research and development team - the unequivocal world authority in vulnerability and threat research. Headquartered in Atlanta, Internet Security Systems has additional operations throughout the Americas, Asia, Australia, Europe and the Middle East. For more information, visit the Internet Security Systems Web site at [www.iss.net](http://www.iss.net) or call 800-776-2362.