

PREEMPTIVE SECURITY IS HERE

[www.iss.net](http://www.iss.net)



*stop* MALICIOUS ATTACKS BEFORE THEY  
*impact* YOUR BUSINESS.

**proventia<sup>®</sup> network**  
Intrusion Prevention System

 **INTERNET | SECURITY | SYSTEMS<sup>®</sup>**  
*Ahead of the threat.<sup>™</sup>*

# stop

MALICIOUS ATTACKS

BEFORE THEY

impact your  
business.

Proventia® network intrusion prevention products from Internet Security Systems (ISS) stop Internet threats before they impact your business and are available to protect your network, server and desktop infrastructure. ISS is the first to offer truly preemptive protection—a new standard of security made possible by a unique combination of line-speed performance, multi-faceted protection and unparalleled security intelligence.

By preemptively blocking Internet threats before they enter your network, the Proventia Network Intrusion Prevention System (IPS) assures maximum network uptime, minimizes the need for active administrator involvement in most security events and frees up valuable IT resources to focus on other critical projects. This elevated performance reduces the total cost of ownership (TCO) for enterprise security, and helps your company comply with regulatory mandates and industry standards.

Proventia Network IPS blocks denial of service, intrusions, malicious code, back doors and worms—any of which has the potential to cause your business grievous harm. This preemptive form of protection is possible because ISS leads the world in discovering major software vulnerabilities, and deploys effective defenses across the Proventia product family *before* hackers have a chance to exploit those vulnerabilities.

The Proventia family protects your enterprise infrastructure from end to end: in addition to the intrusion prevention appliance for networks, the Proventia product family also includes intrusion prevention software solutions for desktop and server protection.

***“The G2000 exceeded maximum rated throughput and blocked 100% of malicious traffic.”***

*The Tolly Group,  
www.tolly.com,*

*“Up-to-Spec Testing Report”, April 12, 2005*

## Why intrusion prevention?

### FIREWALLS AND ANTIVIRUS AREN'T ENOUGH

For years, businesses of all types and sizes have assumed that firewalls and antivirus systems would protect them. But today's hybrid threats and sophisticated hackers regularly bypass and thwart conventional defenses.

***“In 2005, each of the 639 respondents averaged \$203,606 in losses due to viruses, unauthorized access and other types of attacks and misuse.”***

*2005 CSI/FBI Computer Crime and Security Survey<sup>1</sup>*

### THE PATCHING CRISIS

While you can help mitigate security threats by keeping up with emergency patches for your operating systems and applications, such fixes can number in the hundreds, and chances are your IT resources are simply stretched too thinly to keep pace. You need a solution that protects even before a patch is in place.

### EVEN “SAME-DAY” PROTECTION ISN'T FAST ENOUGH TO PREVENT LOSSES

Today's hybrid Internet threats can spread to thousands of networks in seconds. Reactive security measures, including so-called “same-day” solutions, respond only after an attack has occurred. Once an attack impacts your network, reactive security can be too late to prevent network downtime, lost transactions, the compromise of confidential information, and potential liabilities associated with government regulations and industry mandates.

### CONVENTIONAL SECURITY IS TOO COSTLY AND DIFFICULT TO MANAGE

In recent years, security costs have climbed at an annual rate of 28 percent, even though IT budgets have remained flat overall. Much of this ballooning security cost is due to managing and tuning complex policies; reviewing and interpreting event data; emergency patching and picking up the pieces after an attack.

## Why you need it...

***“Intrusion prevention is now a reality of doing business on the Internet.***

***We've told Gartner clients and the industry to look for intrusion prevention solutions that focus on vulnerabilities, not attacks. You don't control the attacks or when they occur. It's like standing under a leaky roof in a rain storm. Vulnerabilities are the leaks and you need intrusion prevention that will block the path to those vulnerabilities instead of reacting to each new threat.”***

***— John Pescatore, Gartner Inc.***  
*Vice President and Research Fellow, June 2004*

<sup>1</sup> <http://www.usdoj.gov/criminal/cybercrime/FBI2005.pdf>

# ISS' PREEMPTIVE PROTECTION

## Performance

- Flexible deployment modes
- High reliability
- Microsecond latency
- Device transparency on the network and to attackers
- Operating speeds up to 2 Gbps
- Scalable coverage for networks, servers and desktops with central management



## Protection

- Vulnerability-based protection
- Multiple techniques used to identify, analyze and block threats
- Complete analysis of more than 100 communication protocols

## Research

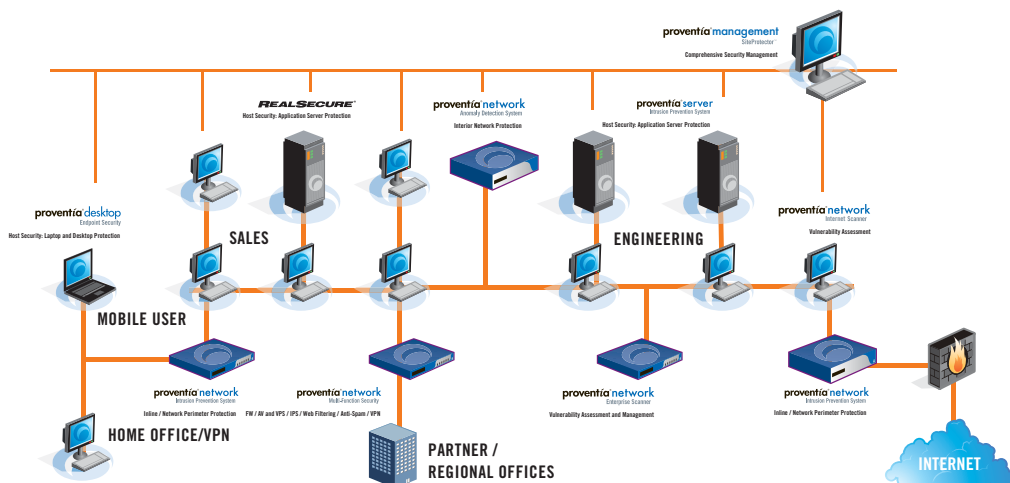
- Security intelligence on vulnerabilities and threats
- Global event monitoring
- Information-sharing partnerships

*A higher standard of security based on a unique combination of line-speed performance, multi-faceted protection and unparalleled security intelligence.*

## Proventia Intrusion Prevention works because it is preemptive

Some firewall vendors claim to prevent Internet threats, but their attack- or signature-based solutions only block a small, superficial set of known attacks, leaving your network completely exposed to the next wave of sophisticated hybrid Internet threats.

Internet threats are designed to exploit vulnerabilities in the software that runs your business. ISS is world renowned for software vulnerability research and industry collaboration, and is credited for discovering and mitigating more major software vulnerabilities since 1998 than all other commercial research organizations combined<sup>2</sup>. ISS engineered Proventia intrusion prevention to combine attack- and vulnerability-based protection, which means it shields the security flaws in your software against attacks of all kinds.



*Proventia Intrusion Prevention products protect networks, servers and desktops and are managed centrally by Proventia Management SiteProtector.*

## PROVENTIA INTRUSION PREVENTION –

# any way you want it

### 1. Proventia Network Intrusion Prevention System

Transparent, in-line network filter appliance, blocking attacks while allowing legitimate traffic to flow unhindered; available in models providing full coverage up to 2 Gbps.

### 2. Proventia Network Multi-Function Security

Network intrusion prevention is included as a capability in these all-in-one integrated appliances, along with firewall, virtual private network (VPN), antivirus, Web filtering and antispaam.

### 3. Proventia Desktop Endpoint Security

Proventia Desktop software preemptively protects against viruses, worms and improper activity on the desktop, keeping operations running and enforcing system compliance.

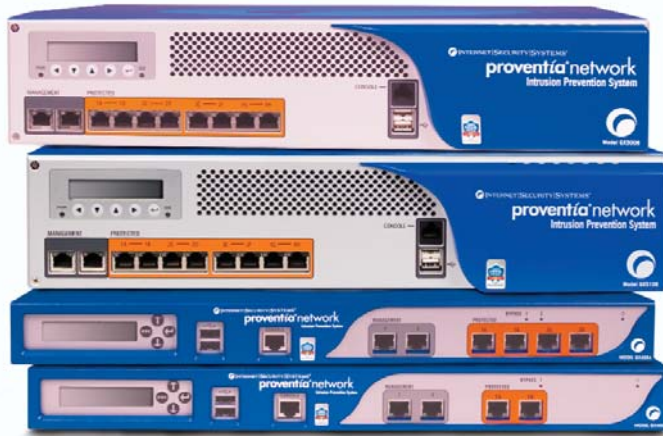
### 4. Proventia Server Intrusion Prevention System

Proventia Server will proactively stop threats which could compromise the valuable and critical applications and assets residing on the host.

### 5. Internet Security Systems Managed Protection Services

Complete managed security service from ISS, backed by a firm protection warranty that pays customers if a security breach occurs.

<sup>2</sup> Frost & Sullivan 2005, Internet Security Systems and public Web sites.



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## Proventia Network Intrusion Prevention System

The Proventia Network Intrusion Prevention System's in-line configuration makes it ideal for complementing gateway firewalls and protecting internal network segments. With intrusion detection and prevention integrated in a single network security appliance, you can easily switch between capabilities without disrupting or blocking legitimate network traffic. The appliance can operate in three modes: active (in-line, blocking), passive (detection mode, no blocking), and simulation (in-line, no blocking), at speeds up to 2Gbps.

As with all Proventia solutions, the Proventia Network IPS can be centrally managed from the Proventia Management SiteProtector™ Console, ISS' unified command, control and monitoring system. The SiteProtector management system scales easily, provides advanced analysis and reporting, and enables multi-site management via secure remote administration.

With the Proventia Network IPS, you can now take advantage of:

- Real-time intrusion prevention to block the latest attacks
- Operating speeds up to 2Gbps
- Redeploying valuable IT resources with time now available for other critical projects
- Effective security with a lower total cost of ownership
- Enterprise-wide protection with little or no degradation of network performance

### How do you get a closer look?

*Discover how the Network Intrusion Prevention System can protect your business from Internet threats. Be sure to ask if your company qualifies for a free 30-day trial.*

*For an on-site demonstration, contact the ISS office nearest you.*

*For locations and more product information, visit [www.iss.net](http://www.iss.net).*