

# HP TippingPoint IPS



## Leading Protection & Performance

HP TippingPoint Intrusion Prevention Systems (IPS) from EGI block 2.3x more attacks than other IPS at line speed for critical applications.



- In-line network security that proactively monitors traffic to prevent denial-of-service and other malicious cyber attacks
- Multi-gigabit network with switch speed latency to enable comprehensive protection with no degradation in performance
- Zero-day protection with automated Digital Vaccine® real-time inoculation that is powered by the award-winning DVlabs team
- Simple but robust management capabilities through the TippingPoint Security Management System (SMS) appliance



## Securing a Converged Infrastructure

In today's high-performance enterprise data center, the challenge of effective security doesn't stop with protection. The wrong security solution can drag down network throughput, slowing down everything from mission-critical applications to end user workstations. Virtualized server and storage solutions only heighten the need for high performance security because of the amount of data being shared inside the data center.

The Ergonomic Group (EGI) leverages the HP TippingPoint Intrusion Prevention System (IPS) and its industry-leading feature set for the ideal combination of security and performance. By neutralizing threats in-line in the network without impeding traffic, TippingPoint IPS complements the revolutionary flexibility and scalability of a Converged Infrastructure network that combines server, storage, networking, management, and power and cooling systems.

the desktop to the data center. Plus, our high-level partnerships with other security solution providers allow EGI to align best-of-breed solutions to meet your current and future needs.

Once your solution is in place, HP offers superior management tools to make administration easier for IT staff. TippingPoint Security Management System (SMS) discovers, monitors, configures, diagnoses and reports on multiple IPS systems. With easy installation and minimal configuration changes, TippingPoint IPS can be brought online in minutes in remote offices, saving time and money.



## Expert-Level Security Made Simple

As one of the only certified TippingPoint Elite partners in the Northeast as well as an HP Network Security Elite Partner, EGI can deliver a complete security solution around TippingPoint IPS. Our team of engineers and IT professionals construct security plans that cover your enterprise from branch offices to the core and from



The Ergonomic  
GROUP



## ▶ HP TippingPoint Secure Virtualization Framework (SVF)

The HP TippingPoint Secure Virtualization Framework (SVF) is designed specifically for implementing best-of-breed threat protection for the virtualized infrastructure. EGI uses it to extend HP TippingPoint's industry-leading threat research capabilities, breadth of protection, ease-of-use, and automation capabilities to include virtual infrastructure. TippingPoint SVF also features the same Digital Vaccine service as the IPS appliance, bringing up-to-date protection to your virtual machines.

Security solutions that aren't built to work with virtualized environments such as HP Converged Infrastructure require extensive work to be fully capable – if they can be used at all. That's why TippingPoint SVF provides management, visibility and control of internal virtual networks, including the automatic discovery and mapping of virtual infrastructure topology.

## ▶ HP TIPPINGPOINT INTRUSION PREVENTION SYSTEM FEATURES

### Switch-Like Performance

- Multi-Gigabit per Second Attack Filtering
- Latency < 84 µsec
- Real World TCP/UDP Traffic Mix
- Two Million+ Simultaneous Sessions – TCP/UDP/ICMP
- 350,000+ Connections per Second
- 20 Gbps

### Comprehensive Threat Protection

- VoIP
- Phishing
- Worms
- Quarantine
- OS Vulnerabilities
- DDoS
- P2P
- Spyware
- Viruses
- ZDI

### Client and Server Protection

- Prevent Attacks on Vulnerable Applications & Operating Systems
- Eliminate Costly Ad-Hoc Patching
- Multiple Filtering Methods

### Network Infrastructure Protection

- Protect Cisco® IOS, DNS and Other Infrastructure
- Protect Against Traffic Anomaly, DDoS, SYN Floods, Process Table Floods
- Patches at the Network Layer

### Traffic Normalization

- Increase Network Bandwidth and Router Performance
- Drops Invalid Network Traffic
- Optimize Network Performance

### Application Performance Protection

- Increase Bandwidth and Server Capacity
- Rate-Limit or Block Unwanted Traffic (P2P/IM)
- Guarantee Bandwidth for Critical Applications

### Digital Vaccine® Real-Time Inoculation

- World-Renowned Security Research Team
- Protection Against Zero-Day Attacks
- Automatic Distribution of Latest Filters

### Security Management System

- Manage Multiple TippingPoint Systems
- At-A-Glance Dashboard
- Automatic Reporting
- Device Configuration and Monitoring
- Advanced Policy Definition and Forensic Analysis

### High Availability & Stateful Network Redundancy

- Dual-Power Supplies
- Layer 2 Fallback
- Active-Active or Active-Passive Stateful Redundancy
- Zero Power High Availability

## ▶ ABOUT THE ERGONOMIC GROUP

The Ergonomic Group (EGI) is an HP Elite Partner committed to delivering ideal Converged Infrastructures to our clients.

As one of the leading systems integrators in the Northeast, EGI is uniquely positioned to provide Converged Infrastructure solutions and services across the entire enterprise.

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