

# Stonesoft Intrusion Prevention System



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## Appliance Comparison Datasheet

### Next Generation Security

- Vulnerability-centric and zero-day protection with regular expression-based fingerprinting and protocol validation
- Threat protection – DoS/DDoS, buffer overflow, worm, spyware, malware, adware, backdoor, trojan, reconnaissance, Microsoft / Linux/Unix vulnerabilities on client and server-side and other suspicious traffic.
- Protection against Advanced Evasion Techniques (AET). IPS decodes and normalizes network traffic for inspection on all protocol layers. Vulnerability based fingerprints block exploits in the normalized data stream. Antievasion features are upgraded in software maintenance versions continuously.
- Web 2.0 protection and content filtering
- Transparent (layer-2) deep inspection firewall capabilities prevent unauthorized access between security zones
- SSL inspection of encrypted Web traffic for both client- & server side protection
- Network application identification and control

### Next Generation Availability & Scalability

- Built-in patented High Availability technologies
- IPS clustering in a serial or parallel configuration
- Built-in bypass functionality
- Back-up analyzer for fast alert, log and data recovery
- Network status and traffic optimization tools
- Flexible deployments even in the most demanding environments
- No special network configurations required

### Next Generation Management

- Single console – complete visibility and proactive control of physical and virtual networks
- Third-party event management – monitoring, logging and reporting of switches, routers and security appliances from other vendors
- One-step management – automatic blacklisting, automatic policy/rule execution, create once, deploy everywhere policy/rule execution
- Accelerated incident management – correlated view of all network activity, powerful data mining engine and sophisticated incident case management tools
- Central repository – shared rules for Firewall and IPS, repository backup for disaster recovery, customizable role-based access, domains for managing different environment with one management server
- Real-time monitoring and alerting – customizable dashboards and alerting, geographic pinpointing of IP addresses, Web portal for monitoring security from any device
- Interactive reporting and compliance – customizable reports, automated report generation and distribution, system auditing and audit trails, comparative analysis of security policies
- Rule-base optimization – enhance rule base, eliminate unused/redundant rules, create rules directly from logs

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# Stonesoft IPS for Demanding Environments

The Stonesoft IPS uniquely integrates the most advanced security techniques with our patented high availability technologies and sophisticated next generation management so your business will never miss a beat... no matter what threat comes your way. In fact, according to industry experts like NSS Labs and ICSA Labs, the Stonesoft IPS offers one of the highest levels of protection, performance and manageability at the lowest total cost of ownership on the market today – as much as 30-70% than other products. From the largest data centers and enterprise networks to your remote offices, we offer solutions to fit your specific needs.

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Appliance Specifications	IPS-1030	-Z	IPS-1205	IPS-1302	IPS-3201	IPS-3205
Software	Sensor	Analyzer	Sensor	Sensor	Sensor	Sensor
HTTP inspection (21KB payload)	90 Mbps	-	1 Gbps	2 Gbps	3 Gbps	6 Gbps
HTTP connections/sec	650	-	5500	10 000	13 000	28 000
Concurrent connections	300 000	-	1 300 000	3 000 000	5 000 000	15 000 000
Connections/sec	15 000	-	50 000	100 000	240 000	750 000
UDP inspection (1514B packet size)	200 Mbps	-	2 Gbps	4 Gbps	5 Gbps	20 Gbps
SSL inspection	50 Mbps	-	500 Mbps	1 Gbps	1 Gbps	2.5 Gbps
Latency	< 150 µs	-	< 150 µs	< 150 µs	< 150 µs	< 150 µs
Antievastion protection	yes	-	yes	yes	yes	yes
Layer-2 firewall	yes	-	yes	yes	yes	yes
SSL inspection	yes	-	yes	yes	yes	yes
Web filtering	option	-	option	option	option	option
Dynamic overload handling	yes	-	yes	yes	yes	yes
Event correlation	option	yes	option	yes	yes	yes
Clustering/HA	yes	-	yes	yes	yes	yes
VLAN inspection	yes	-	yes	yes	yes	yes
Ethernet interfaces	6 x 10/100/1000	2 x 10/100/1000	6 x 10/100/1000	2 x 10/100/1000 + 1 x module	2 x 10/100/1000 + 3 x module	2 x 10/100/1000 + 3 x module
Fail-open interface pairs	2	-	2	* max. 2	* max. 6	* max. 6
Module slots	-	-	-	1	3	3
Form factor	1U 19" rack unit	-	1U 19" rack unit	1U 19" rack unit	2U 19" rack unit	2U 19" rack unit
Dimensions (W x H x D)	425 x 44 x 362 mm 16.73" x 1.73" x 14.25"	-	426 x 44 x 400 mm 16.77" x 1.73" x 15.7"	"426 x 44 x 400 mm 16.77" x 1.73" x 15.7"	437 x 89 x 450 mm 17.2" x 3.5" x 17.7"	437 x 89 x 450 mm 17.2" x 3.5" x 17.7"
Redundant power supply	-	-	-	-	yes	yes
DC power supply	-	-	option	option	option	option

\*Appliances are available with various interface combinations. The number of interfaces varies according to the configuration. Copyright Stonefot 2012. All rights reserved. All specifications are subject to change.