

# Stonesoft™ IPS-1205

December 2011

## **Stonesoft™ High Availability IPS Appliance Datasheet**

Stonesoft™ Intrusion Prevention System is a proactive defense system designed to detect malicious packets within regular network traffic and prevent intrusions by blocking the offending traffic automatically before any damage occurs.

The Stonesoft™ IPS-1205 Intrusion Prevention System offers real-time control and threat protection for today's corporate networks. Stonesoft™ IPS-1205 offers organizations full visibility and control over the network. It helps providing relevant information for external auditors and fulfilling compliance requirements such as the PCI (Payment Card Industry) standard.

Stonesoft™ IPS-1205 offers reliable and cost-efficient protection for data center services as well as internal network clients, offering organizations significant cost savings and ensuring business continuity at all times. Utilizing the Stonesoft's Multi-layer Traffic Normalization and inspection technology, the Stonesoft™ IPS-1205 offers the highest level of security against Advanced Evasion Techniques (AET).

Stonesoft™ IPS-1205 and all other Stonesoft appliances offer comprehensive network security with easy configuration and unified management. This ensures an optimized solution for any geographically dispersed enterprise deployment.

**STONESOFT**

# Stonesoft™ IPS-1205 Specifications



## KEY FEATURES

Protects	Vulnerable applications and operating systems from network attacks against client and server vulnerabilities.
Evasion protection	Stonesoft IPS with Multi-layer Traffic Normalization features provides 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.
Detects	Buffer overflow, Worm, Spyware, Backdoor, Trojan, DoS/DDoS, Reconnaissance, Potential compromise, Suspicious traffic, Zero-day.
Web filtering	Category based Web filtering solution containing millions of URLs in 90 categories guarantees accurate visibility and control for Web browsing. Optional with additional license.

## Deep Inspection

Protocol agents	Full protocol decode and analysis – Ethernet, IPv4, IPv6, ICMP, UDP, TCP, DNS, FTP, HTTP, IMAP, SMTP, SSH, NBT, SMB, MSRPC, POP3, SIP, TFTP, HTTPS (SSL/TLS)
Misuse detection	Vulnerability based regular expression fingerprints  Exploit based fingerprints  Protocol independent fingerprint matching for any TCP/UDP protocols
DoS/DDoS detection	Syn flood, UDP flood, Connection flood
Reconnaissance	TCP/UDP/ICMP scan, stealth and slow scan detection

## Access Control

Application	Network application identification and control for P2P, IM, streaming, remote control and tunneling protocols
IPv4/IPv6	Stateful access control and logging.
Ethernet	Packet filtering and logging for any Ethernet traffic (Dix/IEEE)

## FEATURES

High availability and clustering	IPS clustering (active-active)  IDS clustering (active-active/active-passive)  Configurable bypass/normal network interfaces
Layer-2 Firewall	Layer-2 transparent, next generation firewall protection
SSL inspection	HTTPS client stream decryption and inspection  HTTPS server stream decryption and inspection
VLAN Inspection	Maximum number of inspected VLANs (802.1q) is 4094
Dynamic overload handling	Prioritizing continued connectivity over inspection coverage under IPS overload situation (configuration option)

## Management and Monitoring

Centralized Stonesoft Management Center	Enterprise level centralized management, logging and reporting system. See more details from Stonesoft Management Center datasheet
SNMP monitoring	SNMPv1, SNMPv2c and SNMPv3

## Certificates

ICSA NIPS Certified	Continuous testing by ICSA Labs, NSS Labs Certified
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## Licensed Performance

HTTP throughput (21KB payload)	1 Gbps
New HTTP connections per second	5 500
UDP throughput (1514B packet size)	2 Gbps
New TCP connections per second	50 000
Concurrent TCP connections	1 300 000
SSL inspection	500 Mbps
Latency	< 150 microseconds
Transparent Layer-2 Firewall	Yes
Web filtering	Optional, activated with license

## HARDWARE

### Network Interfaces

Ethernet	2 x 10/100/1000 Ethernet copper for Management connections
	4 x 10/100/1000 Ethernet copper bypass (2 pairs)
Connectors	Console RJ45, 2 x USB

### Measurements

Form factor	1U 19" rack unit
Dimensions (W x H x D)	426 x 44 x 400 mm / 16.77 x 1.73 x 15.7 inches
Net weight	6.25 kg / 13.8 lbs

### Safety / EMC Certifications

CE, FCC, CB, Gost-R, RoHS

### Power

Power supply	AC input: 100-240 VAC, 50-60 Hz, 250W DC input: -72 - -36V, 200W
Typical power consumption	85-150 W

### Other

Operating temperature/humidity	+5—35°C (41—95° F) 10%—90% non-condensing humidity (RH)
Storage temperature/humidity	-20—75°C (-4—167°F) 10%—95%, non condensing humidity (RH)
MTBF	120 000 h

## SUPPORT

Replacement service	15 months or 39 months replacement service for non-complying hardware
Premium support	24/7-call logging via web, email and phone, two-hour response time, software updates, hardware replacement service
Basic support	8/5-call logging via web, email and phone, next business day response time, software updates, hardware replacement service

### Product codes

APP-IPS-1205-C1	Stonesoft IPS appliance, AC power supply
APP-IPS-1205-C2	Stonesoft IPS appliance, DC power supply
FP-IPS-ANZ5	Analyzer module for IPS-1205 appliance
FP-1Y-WF2-196	One year web filtering subscription for IPS-1205
APP-RACK-1205	Server rack mounting kit