

**STONESOFT**



## **StoneGate High Availability Firewall and Multi-Link VPN Appliance Datasheet**

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### **SG-250e**

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The SG-250e gateway has four 10/100 Ethernet ports, handles up to 30 Mbps of throughput, is remotely upgradeable and centrally manageable. SG-250e includes enterprise level features such as active-active clustering, load balancing and bandwidth aggregation for multiple Internet links and ability to transparently fail-over VPNs, all with the security and connectivity of an integrated firewall/VPN.



# SG-250e

## Firewall

- Patented Multi-Layer Inspection™
- Protocol agents for application-level security
- Hierarchical security policies, with sub-rule bases
- Drag-and-drop rule base configuration
- Automatic anti-spoofing
- Authentication server high availability
- Failsafe policy upload
- DHCP Relay support
- Dynamic IP address support on the firewall
- Blacklisting/whitelisting with IPS
- Quality of Service and Bandwidth Management
- HTTP deep packet inspection

## VPN

- IPsec compliant
- Site-to-site VPN tunnels: full-mesh / star topology, Hub topology for mobile VPN
- Drag-and-drop VPN configuration

## Advanced VPN Client

- Free VPN client with integrated personal firewall
- Supports multiple authentication methods, including smart cards, certificates, tokens and LDAP
- Optional application security feature: monitor and control application access to/from the network
- Utilizes Multi-Link on the StoneGate Gateway

## Gateway Clustering

- Active-active up to 16 nodes
- Drop-In-Clustering mode
- Load balancing and transparent failover connections
- ISP Multi-homing and route optimization
- Bandwidth aggregation of any mixture of DSL, T1, T3, cable etc.

## VPN High Availability

- Routing for fastest gateway-to-gateway connection
- Transparent VPN tunnel failover (ISP or gateway failure)
- Standby mode for backup links (e.g., frame relay, ISDN)
- VPN throughput aggregation

## Server Load Balancing

- Server load balancing with agents

## Centralized Management

- “Define-once, use-everywhere” network elements
- Failsafe remote upgrade
- Audit trail of admin actions
- Rule base analysis tool
- Rule base templates and sub-rule bases for improved efficiency and performance
- Easy system backup and restore
- Role-based system administration
- Drag-and-drop routing
- Visual network layout for status monitoring and configuration planning
- All communications are encrypted and authenticated
- State overview of connectivity, node, and security status
- Configuring and modifying multiple elements at once
- Security incident handling and documentation tool

## Centralized Log Management

- Fast log browser that consolidates all the log and alert information to a single view
- Support for multiple log servers
- Log filtering for browsing, exporting, and pruning
- Scheduled log data export and manipulation
- High performance log server

## Monitoring And Alerting

- Graphical, live monitoring of traffic and load statistics
- Connection and blacklist monitoring
- Configurable alert escalation
- Built-in test system: auto recovery option

## Reporting

- System reports and drag-and-drop customized reports
- Reports exportable as PDF-files
- Data selection using filters
- Data shown as charts or tables or both
- Data combined from several log servers
- Reports created periodically and/or manually
- Customizable report templates

# Technical Specifications

## StoneGate Firewall and VPN Specifications

Integrated Operating System, Packet Filtering, Stateful Inspection, Application-Level Inspection, Circuit-level firewall with TCP proxy protocol agent, IPSec based site-to-site and mobile VPN

## Firewall Protocol Agents

FTP, HTTP, H.323, SMTP, SSH, Oracle SQL Net, RSH NetBios Datagram, SunRPC, MS RPC, TFTP, TCP Proxy

## VPN Protocols

IPsec, AES, 3DES, Blowfish, CAST-128, DES, Twofish, IKE, MD5, SHA-1, PKI (x.509)

## User Authentication

RADIUS, TACACS+, LDAP(S), Internal user database

## Management

Remote, centralized enterprise management with StoneGate Management Center, Java-based GUI, encrypted and authenticated connections

<b>Software Upgrades</b>	Remote upgradeable
<b>Logging Methods</b>	Direct file logging, Syslog, advanced filters
<b>Alert Methods</b>	E-Mail, SMS (text message), SNMP trap, User-defined scripts

## Administration

Multiple administration accounts, simultaneous administration, three different administrator levels, view-only live log monitoring for xSP customers, distributed enterprise offices and help desks.

## Certifications

Common Criteria EAL4+ (Firewall + VPN + HA v.2.0.5), FIPS-140-2, ICSA firewall and ICSA IPsec

## Safety/EMC Certification

FCC, CE, CB

## SG-250e Appliance Specifications

<b>Software</b>	StoneGate Firewall Engine (preloaded)
<b>Network Interfaces</b>	4 x 10/100 BASE-TX, autosensing
<b>Licensed Firewall Performance</b>	30 Mbps
<b>Licensed VPN Performance (3DES/AES)</b>	15 Mbps
<b>High Availability</b>	Yes, active/active with up to 16-node, clusters, stateful failover (incl. VPN connections)
<b>ISP Multihoming</b>	Yes, high availability and load balancing between multiple ISPs (incl. VPN connections)
<b># of protected IPs</b>	Unlimited users
<b>Connectors</b>	1 x serial port
<b>Dimensions (W x H x D)</b>	290 x 43 x 157 mm (11.6" x 1.72" x 6.28")
<b>Weight</b>	1.4 kg (3.08 lbs.)
<b>Power Supply</b>	Universal, 12 V, 3 A, 32 W

## Support Options

<b>Warranty</b>	One-year limited hardware warranty
<b>Premium Support</b>	24/7-call logging via Web and phone, two-hour response time, software updates, hardware replacement service
<b>Basic Support</b>	8/5-call logging via Web and phone, next business day response time, software updates, hardware replacement service

## Licencing

	Single Site	Enterprise
<b>SG-250e VPN and Firewall</b>	APP-SGS-250e	APP-SG-250e
<b>First Year Premium Support</b>	P-APP-SGS-250e	P-APP-SG-250e
<b>First Year Basic Support (8x5)</b>	M-APP-SGS-250e	M-APP-SG-250e





## Stonesoft Experience

Stonesoft Corporation (HEX: SFT1V) is an innovative provider of integrated network security and business continuity. Stonesoft is a global company focused on enterprise level customers requiring advanced network security and always-on business connectivity with low TCO, best price-to-performance ratio, and highest ROI.

StoneGate™ Platform unifies firewall, VPN and IPS, blending network security, end-to-end availability and award-winning load balancing into a unified and centrally managed system for distributed enterprises.

Founded in 1990, Stonesoft Corporation has corporate headquarters in Helsinki, Finland; Americas headquarters in Atlanta, Georgia; and Asia Pacific headquarters in Singapore.

## The StoneGate Platform

The StoneGate Platform lowers the risks of doing business in a digitalized world. StoneGate appliances and software provide secured, optimized, and resilient connectivity for converged services, while preventing damage from attacks. With the help of unified management you can cost-efficiently manage and monitor the security and connectivity in your network.

## Secured, Optimized, and Resilient Connectivity

With StoneGate Firewall/VPN, you can connect your offices with each other reliably and fault-tolerantly using Site-to-Site VPN, ISP Multi-homing with Multi-Link VPN Technology, Firewall/VPN and IPS Sensor Clustering and Load Balancing, Server Load Balancing, and Quality of Service and Bandwidth Management

## Preventing the Damage from Attacks

StoneGate guards your network with StoneGate Firewall and with StoneGate IPS. StoneGate Firewall enforces your security policy, prevents denial-of-service attacks, and drops malicious http traffic. StoneGate IPS stops attacks and non-authorized traffic as well as protects unpatched servers before they are updated.

## Unified Management

The StoneGate Management Center delivers an innovative and holistic approach for role-based administration through a single, centralized management system. Forming the heart of the StoneGate Platform, the Management enter provides unified tools for Security Enforcement, for Security Surveillance, and for Systems and Data management.

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