

Stonesoft FW-315

March 2012

Stonesoft High Availability Firewall/VPN Appliance Datasheet

The StoneGate™ FW-315 FW/VPN appliance is a firewall solution designed for small networks or branch offices. With four interfaces StoneGate FW-315 offers also the possibility for small- scale network segmentation.

Stonesoft FW-315 provides not only reliable data security but also high availability features, which guarantee your network continuity. Built-in firewall clustering, server load balancing and the possibility to utilize reserve ISP capacity on overloaded Internet connections ensure continuous network services.

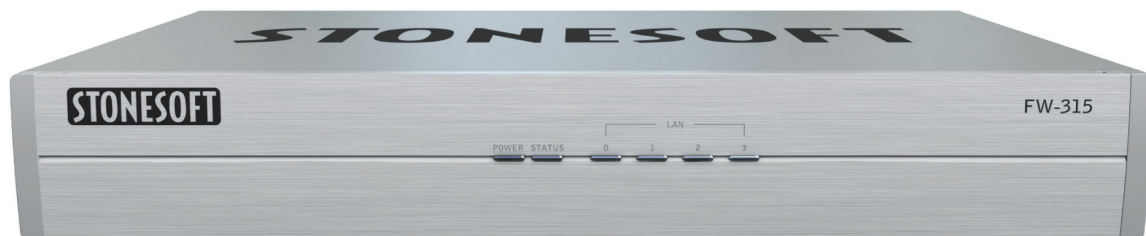
Stonesoft FW-315 provides comprehensive protection with Unified Threat Management features such as Web filtering, intrusion prevention for e-mail, HTTP, and VoIP, and anti-virus scanning for e-mail and HTTP protocols.

Secure information flow to and from remote offices

- Remote offices require direct Internet connections
- Comprehensive protection against inbound and outbound attacks
- Employees want to use Webmail accounts for private communication
- Remote office computers do not always have the latest security updates

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Stonesoft FW-315 Specifications



Specifications	
General	Application level inspection, stateful inspection, packet filtering, circuit level firewall with TCP proxy protocol agent. Integrated operating system.
Firewall protocol agents	FTP, H.323, HTTP, HTTPS, IMAP4, MS RPC, NetBios Datagram, Oracle SQL Net, POP3, RSH, SIP, SMTP, SSH, SunRPC, TCP Proxy, TFTP
VPN Protocols	IKEv1, IKEv2, IPsec, with IPv4, IPv6
Encryption	AES-128, AES-256, AES-GCM, Blowfish, DES, 3DES*
Message Digest Algorithms	AES-XCBC-MAC, MD5, SHA-1, SHA-256
Diffie-Hellman	DH group 1, 2, 5, 14, 19, 20, 21
Authentication	RSA, DSS, ECDSA signatures with X.509 certificates, pre-shared keys, hybrid XAUTH
Compression	IPCOMP Deflate
User Authentication	Internal user database, LDAP, MS Active Directory, RADIUS, TACACS+

Features	
High Availability	Active/active firewall clustering up to 16 nodes, Active/standby, Stateful failover (including VPN connections), Server loadbalancing, VRRP
ISP multihoming	Multi-Link: High availability and load balancing between multiple ISPs including VPN connections, Multi-Link VPN link aggregation, QoS based link selection
IP Address Assignment	FW clusters: Static, IPv4, IPv6 FW single nodes: static, DHCP, PPPoE, IPv4, static IPv6 Services: DHCP Server and DHCP relay for IPv4

Traffic Management, QoS	Guaranteed & Maximum bandwidth, Prioritization, Differentiated Services Code Point (DSCP) matching / marking, SYN flood limiting, concurrent session limiting
Access control	Advanced access control with interface zones, domain names, user information and applications
SIP	Allows RTP media streams dynamically, NAT traversal, deep inspection, interoperability with RFC3261 compliant SIP devices
SSL inspection	Decrypt the SSL and inspects the HTTP stream protecting web clients and/or servers
Dynamic routing	IGMP proxy, RIPv1, RIPv2, OSPFv2, BGP PIM-SM

UTM features	
Standard	Deep inspection and IPS fingerprinting for HTTP, IMAP4, POP3, SIP and SMTP
Optional with additional license	Category based Web filtering Anti-virus engine for web and e-mail traffic Anti-spam for SMTP email

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	
Common Criteria	Common Criteria EAL4+ (Firewall + HA)
VPNC IPsec	Yes
ICSA Firewall	Yes (FW-310)

Licensed Performance	FW-315L	FW-315	FW-315P
Firewall throughput	100 Mbps	500 Mbps	1 000 Mbps
VPN throughput	25 Mbps	100 Mbps	140 Mbps
VPN tunnels	500	500	500
Concurrent connections	200 000	300 000	500 000
Connections/sec	9 000	9 000	9 000
Deep inspection throughput	100 Mbps	100 Mbps	100 Mbps
64 byte PPS	95 000	95 000	95 000
VLANs	16	32	64
SSL inspection client / server side	-/-	15 Mbps/-	15 Mbps/-
Server loadbalancing	-	yes	yes
Concurrent VPN Clients	-	25	50
Management count	0.5	1	1
High availability	Active/Standby	Clustering	Clustering

Network interfaces	# of interfaces	
Product	Ethernet copper	ADSL
FW-315-C1L, -C1, -C1P	4 x 10/100/1000 Mbps	-
FW-315-C2L, -C2, -C2P	4 x 10/100/1000 Mbps	1 x ADSL2+ Annex-A
FW-315-C3L, -C3, -C3P	4 x 10/100/1000 Mbps	1 x ADSL2+ Annex-B ADSL encapsulation modes: * RFC 1483 / RFC 2684 Bridged IP LLC * PPPoE LLC

Connectors
2 x USB, 1 x serial

Measurements	
Form factor	desktop
Dimensions (W x H x D)	272 x 49 x 195 mm / 10.71" x 1.93" x 7.68" inches
Net weight	2.4 kg / 5.3 lbs
Gross weight	4.0 kg / 8.8 lbs

Safety/EMC Certifications
CE, FCC Class B, LVD, CB, Gost-R, RoHS

Power	
Power supply	45 W, AC Input 100-240 V, 50-60 Hz, external PSU
Typical Power Consumption	20 W

Other	
Operating Temperature/Humidity	+0—+40°C (+32—+104°F) 10%—90%, non condensing humidity (RH)
Storage Temperature/Humidity	-20—+75°C (-4—+167°F) 10%—90%, non condensing humidity (RH)
MTBF	120 000 hours

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 **	(x determines the interface configuration, see above)
APP-FW-315-Cx-L	Stonesoft FW-315L appliance
APP-FW-315-Cx	Stonesoft FW-315 appliance
APP-FW-315-Cx-P	Stonesoft FW-315P appliance

Add-on product codes	
FP-1Y-WF2-177	Optional one year web filtering for FW-315L
FP-1Y-WF2-176	Optional one year web filtering for FW-315
FP-1Y-WF2-175	Optional one year web filtering for FW-315P
FP-1Y-AV-4	Optional one year anti-virus for FW-315L
FP-1Y-AV-3	Optional one year anti-virus for FW-315 and FW-315P
FP-1Y-AS-7	Optional one year anti-spam subscription for FW-315L
FP-1Y-AS-6	Optional one year anti-spam subscription for FW-315 and FW-315P

* Supported encryption algorithms depend on used license.

** -R license codes are without strong encryption (DES only)