

BLACK HOLE NETWORKS

Gate Seal 200 Appliance Datasheet

GATE SEAL

Cyber Threat Intelligence Detection & Response

Product overview

The Gate Seal 200 Appliance

SMB is still a fast-growing segment worldwide. we developed a customized SMB product and solution that is affordable and easy to use.

Is a purpose-built gateway that always fully automated secure, remote access for mobile users. It is a high-end platform that grows with the customer's needs – whether it is a small business, a large enterprise, or Service Provider which requires performance, scalability, redundancy and central manageability of the solution.



Gate Seal 200 Appliance is an IPsec based mobile IP solution that poses a strong alternative to SSL VPN as it is completely application independent, easy to deploy, has no latency issues, and transparently roams across different networks such as LAN, WLAN, GPRS, 3G and 4G to mention a few.

Unique Selling Points:

Performance

Gate Seal 200 Appliance has built-in dynamic load balancing which allows increased throughput and number of concurrent users by simply adding appliances to the cluster

Scalability

Gate Seal 200 customers only need to invest in one appliance and can grow / migrate at their own pace while enjoying one of the highest ROI as the appliance does not need to be changed with increasing number of users.

All of Black Hole Networks customers, no matter if small or large organization, receive the same top-quality appliance which by license key only regulates the number of concurrent users

Transparent Roaming

Client Software automatically switches to the fastest network available while maintaining full connectivity to open applications, this means that Gate Seal 200 users enjoy always-on connectivity without any user intervention

Virtual Systems

In larger Service Provider environments solutions must be able to efficiently support several customers independent from each other.

Gate Seal 200 has recognized this need and has announced Virtual System support for its Gate Seal 200 appliance

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Management

All appliances contain Black Hole Remote and Central Manager (RCM) – a key element for any organization.

The (RCM) allows central management of all Gate Seal users as well as remote configuration, version updates and also software upgrade and remote installations.

In addition, RCM provides logging for auditing purposes as well as billing on a per user level which is an important feature for Service Provider

Deployment

Gate Seal 200 Appliance is installed in a matter of minutes while the “client” installation via MSI is automated and transparent to users

Clustering ensures ongoing simple deployments for Small/large customers and Service Providers as well as maintenance during business hours

Gate Seal 200 is completely application independent and does not require any additional software packs or bundles as required by other vendors

Total Cost of Ownership

Since one single Gate Seal 200 appliance supports from 25 Up to 200 concurrent users, customers enjoy a great low TCO

Remote installation and management reduce administration and deployment to a matter minute

Gate Seal transparent roaming feature further reduce communications costs of the entire remote workforce for example by switching from 3/4G to WLAN if available

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Specifications:

System Performance		Management	
Throughput	500 Mbps	Centralized user management	Yes
Concurrent Gate Seal users per system	25 Up to 200	Remote Installation	Yes
Ethernet Interfaces	6*1000Base-TX Control NIC	Remote Update and upgrade	Yes
Virtual Systems	Yes	Remote user configuration	Yes
High Availability and Clustering		Logging, billing and auditing	Yes
		Log extraction	Yes
		User Authentication	
Number of cluster member	-	Extern Radius Database	Yes
Dynamic Load balancing	Yes	Intern Gate Seal Database support	Yes
Active – Active	Yes	Mobility	
Dead link, gateway and NIC detection	Yes		
Scalability of concurrent Gate Seal users	Linear additional 200 per Appliance	Handover time (LAN/WLAN)	<20 m sec
Throughput scalability factor	X1.67	Private address support	Yes
Virtual Private Networks		Static Client IP	Yes
		Session persistence during handover	Yes
Encryption	AES, 3DES, DES, Blowfish	Roaming support with DHCP and PPP	Yes
Integrity Protection	SHA-1, MD 5	Network Interoperability	
FIPS 140 compliant	Yes		
Firewalling		WLAN	WLAN 802,3, 802,11
		Wireless WAN	GSM, GPRS,3G,4G, CDMA
Client firewalling	Wired WAN	Wired WAN	Ethernet, ISDN, Cable xDSL
Client Platforms		Warranty	
		Hardware warranty	1 up to 3 years
Customized client for any OS or Proprietary Platform			

Contact us

For more detail information about Black Hole Networks product, contact:

URL: <https://www.blackholenetworks.com>

Email: info@blackholenetworks.com