



Gate Seal 10000 Appliance Datasheet

Product overview

The Gate Seal 10000 Appliance 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 10000 Appliance has built-in clustering and dynamic load balancing for increased throughput and scalability – just add another appliance for redundancy and increased performance.

Gate Seal 10000 Appliance is a “clientless” 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.

The appliance comes with the Cordoba Networks Remote and Central Manager (RCM) which provides for remote updates, upgrades, configurations as well as logging required for auditing purposes.



Unique Selling Points:

Performance

Gate Seal 10000 Appliance has built-in dynamic load balancing which allows increased throughput and number of concurrent users by simply adding appliances to the cluster

Scalability

Cordoba Networks 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 Cordoba 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

Gate Seal automatically switches to the fastest network available while maintaining full connectivity to open applications

This means that Gate Seal 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.

Cordoba Networks has recognized this need and has announced Virtual System support for its Gate Seal 10000® appliance

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Management

All Cordoba Networks appliances contain Cordoba 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 features for Service Provider

Deployment

Gate Seal 10000 Appliance is installed in a matter of minutes while the “clientless” installation via MSI is automated and

transparent to users

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

Gate Seal 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 10000* appliance supports from 2000 Up to 10000 concurrent users, customers enjoy a great low TCO

Remote installation and management reduces administration and deployment to a matter minutes

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	4000 Mbps	Centralized user management	Yes
Concurrent Gate Seal users per system	Up to 10000	Remote Installation	Yes
Ethernet Interfaces	Up to 50 GbE RJ45/SFP 1 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
Number of cluster member		User Authentication	
	16		
Dynamic Load balancing	Yes	Extern Radius Database	Yes
Active – Active	Yes	Intern Gate Seal Database support	Yes
Dead link, gateway and NIC Detection	Yes	Mobility	
Scalability of concurrent Gate Seal Users	Linear additional 10000 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
Encryption	AES, 3DES, DES, Blowfish	Session persistence during handover	Yes
Integrity Protection	SHA-1, MD 5	Roaming support with DHCP and PPP	Yes
FIPS 140 compliant	Yes	Network Interoperability	
Firewalling		WLAN	WLAN 802,3, 802,11
Client firewalling	Wired WAN	Wireless WAN	GSM,GPRS,3G,CDMA
Client Platforms		Wired WAN	Ethernet, ISDN, Cable xDSL
Customized client for any OS or Proprietary Platform		Warranty	
		Hardware warranty	1 up to 3 years

Contact us

For more detail information about Cordoba Networks product, contact:

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