XRoads Networks

UNIFIED BANDWIDTH MANAGEMENT™

EdgeXL - Site2Site VPN Optimization

More functionality, faster ROI. Clearly the better choice for enterprise customers.

Site2Site VPN Optimization vs. Standard IPSec Tunnels

The EdgeXL appliance includes the ability to perform normal site-to-site VPN connectivity similar to IPSec using 3DES encryption and built-in DoS protection. However, unlike IPSec the EdgeXL goes far beyond standard VPN connectivity. The EdgeXL's VPN technology, based on the SSL protocol, is able to connect multiple tunnels across one or more WAN connections to a remote destination. This capability allows the EdgeXL appliance to load balance VPN traffic and provide full and automated VPN failover in the event of a network outage. Additionally the EdgeXL incorporates enhanced data compression and TCP acceleration techniques to dramatically improve application responsiveness between remote sites and provide end-to-end QoS.

- Tunnel Balancing: The ability to balance VPN traffic across multiple tunnels and thus increase site-to-site bandwidth and application response times.
- Tunnel Failover: The ability to instantly and automatically failover VPN traffic from one tunnel to the other in the event of a network failure ensuring 99.999% (or better) reliability.

COMPETITIVE ANALYSIS

	EdgeXL	Others
Purpose	Site2Site SSL VPN Optimization Appliance w/Full Featured Firewall	IPSec VPN Appliance w/Unified Threat Management
Number of WAN Ports	Up to 5	Up to 2
Network Failover (Inbound)	Stateful	None
Network Balancing	Intelligent	Policy based
3DES VPN Tunneling	Yes	Yes
VPN Tunnel Binding	Yes	No
VPN Tunnel Failover	Yes	No
Multi-Tunnel Data Compression	Yes	No
VPN Tunnel Acceleration	Yes	No
End-to-end Tunnel QoS	Yes	No
Application Rate Shaping	Yes	Basic bit tagging
Layer-7 Stateful Firewall	Yes	Yes
Best Path Routing (BRP)	Yes	Tunnel balancing required
Note: BPR is a unique method for determining how balanced tunnels should be weighted for various traffic.		

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