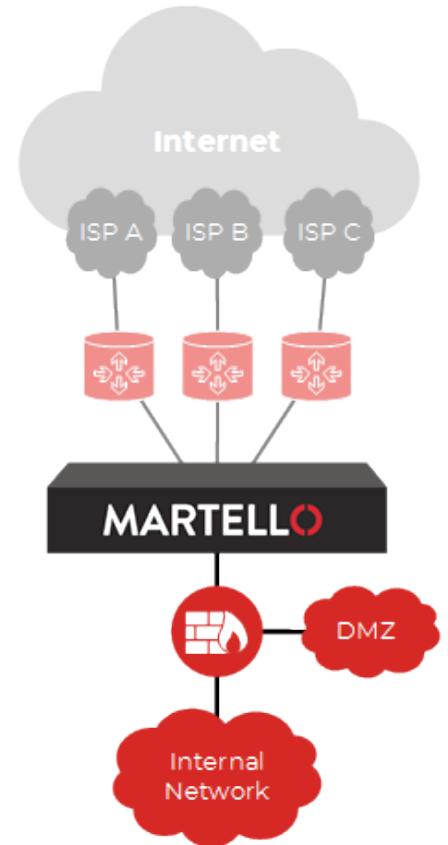


WHAT DIFFERENCES ARE THERE BETWEEN A LINK BALANCER AND A FIREWALL?

Firewalls are key components of any organization’s IT and telecommunications infrastructure, regardless of size or mission. To meet bandwidth and reliability demand, firewall device manufacturers now offer models with multi-WAN management to meet these requirements.

These units offer redundancy for traffic but with limited features and performance in regards to link load balancing. Martello products are a great complement to any firewalls, significantly enhancing the available features and reliability of the telecommunications infrastructure.

With innovative Layer-2 design, Martello products are compatible with any firewall and router on the market, and these devices require no reconfiguration or IP address migration.



FUNCTIONALITY	MARTELLO’S ELFIQ NETWORKS	FIREWALL VENDORS
MAXIMUM UPTIME	Combined with a firewall, the Elfiq Link Balancer brings a best-in-class approach. Should it lose power, its LAN Failsafe feature will pass bandwidth to the firewall and the site will continue operating.	Combining all security and bandwidth management features will result in a critical single point of failure.
NUMBER OF LINKS	Martello products can support up to 256 concurrent links.	Most devices have the ability to use two links, no more can be added.
MULTIPLE ALGORITHMS FOR BALANCING	Martello offers many algorithms to proactively manage incoming and outgoing traffic. Each link can be customized for traffic type or strategy.	Most firewall vendors offer link failover; no other algorithms and balancing are available.
INBOUND TRAFFIC BALANCING	Inbound traffic balancing is a key benefit of using a link balancer, so many ISPs can be used to deliver bandwidth to web applications, VPN gateways, email and much more.	No such features are available from firewall vendors.

FUNCTIONALITY	MARTELLO'S ELFIQ NETWORKS	FIREWALL VENDORS
CONDITION-BASED APPROACH	The Intelligent Condition Verificator modifies the configuration of the Link Balancer to meet certain criteria (such as a defective ISP) and manage traffic on the remaining ISP(s) based on corporate policies.	Combining all security and bandwidth management features will result in a critical single point of failure.
SIP AWARENESS	Our SIP-Aware Link Balancers enable dynamic SIP trunk failover for maximum VoIP uptime.	No such features are available from firewall vendors.
POINT-TO-POINT RESILIENCE	Our SitePathMTPX technology, for point-to-point application acceleration, enables organizations to create multi-link connections between sites. Should a link fail, the connection remains active.	No such features are available from firewall vendors.
GEOGRAPHIC BALANCING	Enterprise products by Martello offer geographic balancing options, providing the ability to balance incoming and/or outgoing traffic based on user-set conditions, allowing for 99.999% access to resources, regardless of location.	No such features are available from firewall vendors.
SERVER AVAILABILITY	Martello products have the ability to verify the health of a server prior to sending requests to it. Should the server be unavailable, the device will route the traffic to another server.	No such features are available from firewall vendors.

About Martello

Founded in 2009, Martello Technologies is headquartered in Ottawa, Canada with staff in Canada, the United States and France. In January of 2018, Martello merged with SD-WAN player Elfiq Networks to offer a solution that pairs performance management software with SD-WAN technology to provide stellar UC performance. Martello's solutions deliver confidence in the performance of real-time services on cloud and enterprise networks and is a proven provider of performance management software for Mitel customers.



Elfiq Networks is a subsidiary of Martello Technologies

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