

Business Continuity for Atlas SD-WAN

MARTELLO | Elfiq Networks is a subsidiary of Martello Technologies

Internet has become critical for most organizations to conduct daily activities. Losing Internet or network access is unacceptable for any period of time. Elfiq Link Balancers are a key tool in preventing such disruptions, ensuring that connectivity is maintained even when an ISP is unavailable. As long as one ISP link is up and running, traffic will continue to flow.

The **Business Continuity** License for Elfiq ATLAS SD-WAN (**BCX**) leverages Martello's Elfiq Networks' popular bandwidth management, path selection and link failover features for optimal connectivity and Cloud access. By relying on inbound and outbound link balancing, site-to-site application acceleration and geographic balancing, among others, BCX offers state-of-the-art business continuity solutions, providing uninterrupted access to mission-critical applications. BCX is deployed through the EDGE and CORE Series, and powered by Elfiq Central for zero-touch provisioning.

DYNAMIC FAILOVER & SEGMENTATION

Relying on powerful proprietary balancing algorithms, the EDGE and CORE Series can distribute traffic across multiple concurrent ISP links, selecting the optimal route every time. In the case of an outage, the traffic is redirected immediately and seamlessly, without any significant delay.

INBOUND BALANCING

iDNS enables organizations to proactively balance inbound traffic requests coming into their network. SMTP and VPN services can be assigned to different links and balancing algorithms based on organizational policies.

OTHER FAILOVER SOLUTIONS CAN TAKE OVER 40 SECONDS TO TAKE EFFECT.

OURS KICKS IN IN UNDER ONE SECOND, FOR AS LOW AS \$129 PER MONTH.

SITEPATHMTPX

SitePathMTPX WAN bandwidth virtualization creates the opportunity for organizations to maximize multisite communications and services. By integrating an EDGE or CORE device at each site and increasing Internet link diversity, a web of possible paths becomes available for site-to-site communication, without having to modify the existing network configuration.



A MODULAR APPROACH

Elfiq Central provides unprecedented visibility over your network's health while distributing decision making intelligence across all paths. With Zero-Touch Provisioning capabilities, centralized license and firmware management and live site health reports, Elfiq Central allows users to control all their Elfiq Networks devices, whether they're deployed physically on site, in virtual environments or in the Cloud.

Martello's Elfiq Networks offers several options for SD-WAN deployments. With ATLAS, clients can choose between two platforms and three licenses to tailor a solution to their network needs. Additional Licenses are available to increase performance.

FEATURES	QEX	BCX	SDX	EDGE SERIES
Deep-Packet Inspection (DPI)	•	•	•	•
Elfiq Slice	•	•	•	•
Quality of Service Features	•	•	•	•
Elfiq Probe	•	•	•	•
Intelligent Condition Verificator	•	•	•	•
Internet Service Verificator		•	•	•
Outbound Traffic Optimization		•	•	•
Inbound Traffic Optimization		•	•	•
Link Aggregation		•	•	•
LAN Failsafe/Bypass		•	•	•
SitePathMTPX Site-to-Site Acceleration		•	•	•
SSL VPN Support		•	•	•
Flex Multipath Routing Hybrid WAN			•	•
SLA Inspector			•	•
STREAM VPN Unlimited meshing			•	•
Stateful Firewall			•	•
Session Guard DoS Protection			•	•
PERFORMANCE (Out of the Box)	QEX	BCX	SDX	CAN SUPPORT UP TO 10
Maximum Throughput	100Mbps	100Mbps	100Mbps	1Gbps
Number of Sessions	64,000	64,000	64,000	512,000
LTE/4G/3G Support	•	•	•	•
Number of ISP/links	1	2	2	32
Remote Sites Supported		100	100	1000*
HARDWARE				EDGE SERIES
100/1000 Interfaces				•
SFP Interfaces				•
Onboard Cellular Modem				•

*For deployment over 1000 sites, we recommend that you talk with our network architecture team.

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.