

Software-Defined Experience for Atlas SD-WAN

MARTELLO | Elfiq Networks is a subsidiary of Martello Technologies

In today's Internet landscape, performance and security are becoming increasingly critical. In order to help improve and protect our clients' network infrastructure, Martello's Elfiq Networks provides several powerful centrally-managed security features, adding various layers of defense at the Edge.

The **Software-Defined Experience** License for Elfiq ATLAS SD-WAN (**SDX**) brings unprecedented levels of performance at the Edge. Networks products enable true inline business continuity solutions which keep organizations running, even in the face of power outages, DoS attacks and hardware failure. SDX is deployed through the EDGE and CORE Series, and powered by Elfiq Central for zero-touch provisioning.

FMR HYBRID WAN

Flex Multipath Routing technology for Hybrid WAN deployments eliminates single points of failure in your network by using redundant telecom infrastructure and WAN path selection between sites. In short, it allows organizations to mix public and private for increased flexibility and performance.

STREAM VPN

Martello's Elfiq Networks provides unlimited VPN meshing between sites through STREAM VPN. By relying on multi-PSK management performed dynamically by Elfiq Central, and by encrypting traffic per flow, STREAM VPN doesn't require that tunnels remain open at all times.

**CENTRALLY-MANAGED,
DYNAMIC, ENCRYPTED VPN
AT UP TO 24GBPS**

**WITH NO LIMITATION
TO THE NUMBER OF
INTERCONNECTED SITES,
FOR AS LITTLE AS
\$169 PER MONTH**

STATEFUL FIREWALL

Whereas many firewalls offer active-passive failover solutions, which are no substitute for a multi-link bandwidth aggregation architecture our devices can replace common Edge firewalls by offering stateful firewall capabilities of its own.

SESSION GUARD

Every device manufactured by Martello's Elfiq Networks comes with the Session Guard feature, designed to protect itself from Denial of Service (DoS & DDoS) attacks. When an attack is identified, this feature will intentionally drop packets from suspicious sources (shunning), preventing the device and the network from suffering saturation.



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.

There are 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 Vericator	•	•	•	•
Internet Service Vericator		•	•	•
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.