

# Quality of Experience for Atlas SD-WAN

**MARTELL** | Elfiq Networks is a subsidiary of Martello Technologies

Internet access saturation is a significant issue, with the rise of rich-media web sites, streaming services, social media, peer to peer traffic and much more. Not only do links become saturated, but free access to Internet content can be a bane to productivity, as well as result in breaches to corporate policies. This makes it harder for organizations to operate normally and to maximize their investment in Internet connectivity.

The **Quality of Experience** License for Elfiq ATLAS SD WAN (**QEX**) offers single-link traffic optimization through some of the company's most powerful performance enhancement features. With QEX, organizations can guarantee top end-user experience, optimized access to mission-critical applications, and keep bandwidth usage under control. QEX is deployed through the EDGE and CORE Series, and powered by Elfiq Central for zero-touch provisioning.

## MARTELL'S ELFIQ PROBE

Elfiq Networks' powerful probe allows users to inspect active IP sessions bandwidth usage, link usage and history, IP address, application or port. With reporting capabilities through Elfiq Central and the device's Graphic User Interface, the probe provides an overview of the current top sessions, along with inside and outside IP addresses, port number, and more.

## ELFIQ QOS & ELFIQ SLICE

Through QoS and Slice, proactively manage bandwidth allocated to services and applications. Ensure that key elements such as email, VoIP and VPN always have the required bandwidth.

**DON'T WASTE TENS OF THOUSANDS ON DPI.**

**GET APP OPTIMIZER FOR AS LOW AS \$74 PER MONTH PER SITE.**

## ELFIQ APP OPTIMIZER

App Optimizer provides Application-Layer (Layer-7) deep packet inspection (DPI), classification and control over application traffic. Distinguish between packets and prioritize critical (eg. VoIP, CRM, email) traffic, while limiting or banning low-priority (eg., videos, file sharing, gaming) applications. While other solutions can cost tens of thousands for limited throughputs, App Optimizer can inspect and manage up to 24GBPS at a fraction of that cost.



## 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.