Micro Edge

A lightweight network-edge device for branch office connectivity

Micro Edge is a lightweight network edge device providing branch office connectivity, business continuity, application performance and network optimization. It provides the ability to route traffic over a network with key advanced traffic management features such as multiple VPN links between sites, policy-based routing, and dynamic path selection based on network conditions.

Why Micro Edge?

Seamless Scalability

- Secure, network connectivity for every location.

Edge Optimization

- Our optimal predictive routing technology for first packet, dynamic path selection.

Secure Internet Access

- Micro Edge contains multiple layers of security including a stateful firewall, Threat Prevention and Web Filter which blocks traffic that can cause harm to your network.
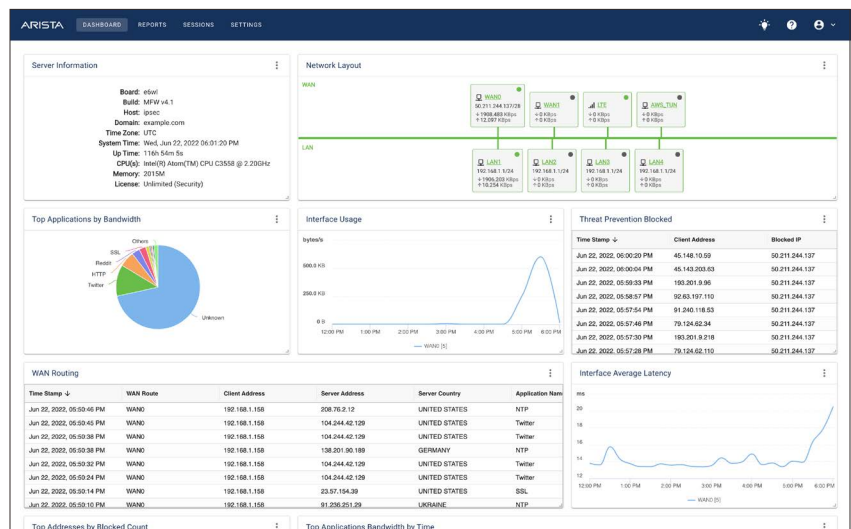
Branch Office Connectivity

Micro Edge simplifies and reduces the costs of branch office networking. Micro Edge, as a lightweight edge device, is designed for the needs and budgets of small to mid-size offices.

Business Continuity

Micro Edge ensures that the most important business critical applications are prioritized, and includes flexible and powerful WAN balancing and WAN failover. With multiple WAN ports and optional LTE connectivity (AT&T, T-Mobile, or Verizon), Micro Edge balances network traffic in real-time over multiple Internet paths. Link monitoring and automatic failover eliminate network downtime.

Application Performance & WAN Optimization

Deploying Micro Edge at a branch office boosts Internet connectivity with traffic shaping and QoS to prioritize business critical traffic. Real-time performance monitoring with WAN balancing improves the performance of existing inexpensive Internet connections to eliminate the need for costly dedicated links such as MPLS.

ARISTA
Edge Threat Management

Advanced Security

- Protection, encryption, control & visibility anywhere
- NG Firewall, IPS, VPN & more
- Onboard security for small network appliances & IoT devices
- Full security processing on-premises or in the cloud

Intelligent Edge Optimization

- Secure, WAN-optimized connectivity for every location
- Seamless scalability
- Optimal predictive routing technology
- Manage one or many appliances from ETM Dashboard

Cloud Management at Scale

- Zero touch deployment
- Configure & push policies
- Advanced alerting & reporting
- Visibility across globally dispersed networks & endpoints

Edge Threat Management
Bring Cloud-managed Security & Connectivity to the Network Edge

The way we work is evolving. Businesses have adapted to new cloud-based technologies and applications that have increased employee efficiency and provided a scalable pathway to continued business growth. Work teams, now comprised of employees working in headquarter offices, remotely, or branch offices, have become spread across increasingly large distances. While businesses realize a range of important benefits in this transformative era, managing these dispersed networks and their connected devices can bring new challenges of cost, complexity, and control.
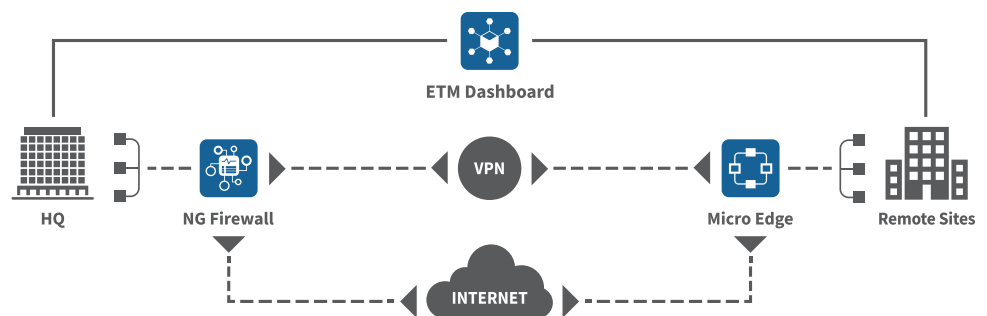
ETM Dashboard   **NG Firewall**   **Micro Edge**

Edge Threat Management, consisting of our award-winning NG Firewall, Micro Edge, and centralized management platform, ETM Dashboard, is a comprehensive approach to network security orchestration. This framework offers a suite of cloud-managed security and connectivity options that work together to fit the needs of small-to-medium businesses and distributed enterprises. This integrated approach provides IT teams with the ability to ensure protection, monitoring and control across devices, applications, and events, enforcing a consistent security posture over the entire digital attack surface. Edge Threat Management puts IT back in control of dispersed networks, hybrid cloud environments, and IoT and mobile devices.

ETM Dashboard

HQ   NG Firewall   VPN   Micro Edge   Remote Sites

INTERNET

Managed Service Providers
Use ETM Dashboard to seamlessly manage multiple NG Firewall and Micro Edge deployments remotely through a single pane of glass for simplified security orchestration.

Contact our sales team to learn more about how Arista Edge Threat Management can benefit your organization.

Micro Edge Features

Feature	Summary
Application-based Optimization	Micro Edge's optimal predictive path selection technology incorporates a sophisticated cloud component to identify applications at the first packet. This advanced technology enables Micro Edge to choose the best path for specific applications or categories of network traffic.
Edge Optimization	Traffic shaping and Quality of Service prioritizes business critical traffic across WAN links.
Real-time Link Performance Monitoring	Jitter, packet loss, latency and throughput of each link are continually measured to ensure applications can be sent over the best performing links for their needs.
Dynamic Path Selection	Decisions on which links to use are made in real-time based on actual current link performance of packet loss, latency and jitter conditions, as well as available bandwidth.
Multiple Internet Pathways	Multiple WANs as well as LTE connectivity can be used as primary or failover links. Application based path selection can optimize performance over LTE and hard-wired links.
Configurable Performance Thresholds	Network optimization can be configured at the application level with failover conditions specified using limits for desired maximum packet loss, or latency thresholds.
Automated Link Failover	Network traffic will be sent over the next best performing link when a link fails, or fails to meet performance requirements.
VPN Connectivity	Securely connect distributed enterprises and remote workers using VPN. VPN connectivity options include IPsec VPN, OpenVPN and WireGuard VPN.
Threat Prevention	Advanced security capability that blocks high risk Internet traffic using the Webroot BrightCloud® reputation score associated with the server hosting the service.
Web Filter	Advanced security feature, powered by Webroot Brightcloud®, that performs a real-time assessment of the risk posed when opening a URL and blocks access to high risk, inappropriate, or distracting websites.
Zero-Touch Provisioning	Network administrators can remotely set up and configure Micro Edge appliances. Automatic upgrades ensure all appliances are kept up to date with the latest updates.
Centralized Management	One or many Micro Edge appliances can be managed from ETM Dashboard, accessible from any browser. Full visibility of all deployments enables administrators to view appliance network status, important events, reporting data and push global configuration.

Secure Internet Access
Micro Edge includes a stateful firewall, Threat Prevention and Web Filter that filter out high risk applications, hosts or URL's, and drops traffic that can cause harm to the network.

Deployment Options
Micro Edge hardware appliances have options for multiple types of WAN interfaces, 802.11 ac WiFi and LTE connectivity (AT&T, T-Mobile, or Verizon). Micro Edge is also available as a virtual appliance on VMware ESXi.

Licensing
Micro Edge is available in two software packages (Security and Basic) for an unlimited number of devices or users. Licensing is also based on throughput: Up to 100 Mbps and Unlimited.

Appliances for Micro Edge

Micro Edge appliances are lightweight, edge devices designed for branch office connectivity, business continuity, application performance and network optimization. Featuring multiple WAN interfaces, 802.11ac Wi-Fi and LTE Cellular connectivity, Micro Edge appliances support zero-touch provisioning and remote management via ETM Dashboard for seamless network integration into your branch office.

	Q6E	Q6EWL
Processor	Intel Atom Quad Core	Intel Atom Quad Core
RAM	2 GB	2 GB
Storage	8 GB mSATA SSD	8 GB mSATA SSD
WAN Interfaces	2x GbE / SFP Combo	2x GbE / SFP Combo
LAN Interfaces	4x GbE	4x GbE
Wireless	–	802.11 2X2 MU-MIMO ac/a/b/g/n
LTE	–	4G LTE Cat-6, AT&T, T-Mobile, or Verizon
USB Ports	2	2
Dimensions (w x d x h)	9.1" x 6.9" x 1.7" (231 x 175 x 43mm)	9.1" x 6.9" x 1.7" (231 x 175 x 43mm)
Unit Weight (lbs)	3.1	3.3
Shipping Weight (lbs)	5.5	5.7
Form Factor	Fanless Desktop	Fanless Desktop
Operating Temperature	32° - 104°F (0° - 40°C)	32° - 104°F (0° - 40°C)
Power Supply	40W Power Adapter	40W Power Adapter

For shipping destinations outside of the Unites States, please visit edge.arista.com or contact sales.

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