

Enabling The Full Value of Your Firewall Strategy

An enforcement model that provides flexibility and choice

The Nile Secure Network-as-a-Service (NaaS) delivers a flexible, Zero Trust Fabric designed to allow customers to leverage the enforcement model of their choice, using either next-gen firewall (on-premises, cloud or both) or Nile's Trust Service; a complete Nile delivered model or a hybrid model leveraging both firewalls and Trust Service for policy enforcement. This ensures consistent, end-to-end enforcement across the environment—preserving existing tools, policies, and advanced security controls. Nile's Zero Trust capabilities also provide a path forward that can eliminate third-party hosted firewalls.

By default, the Nile Zero Trust Fabric connects to upstream routers and firewalls over standard Ethernet, with routing handled through OSPF and BGP. This improves overall visibility, policy accuracy, and threat response without requiring customers to completely redesign enforcement requirements.

While Nile's Core Trust Service natively provides secure access, per device isolation and segmentation, the customer's firewall remains the enforcement point for north-south and selective east-west traffic. Customers can also choose to leverage Nile's built-in policy enforcement for north-south as well as specific local east-west flows—such as user-to-printer or segment-to-segment communication—eliminating unnecessary hairpinning through the firewall to improve performance metrics.

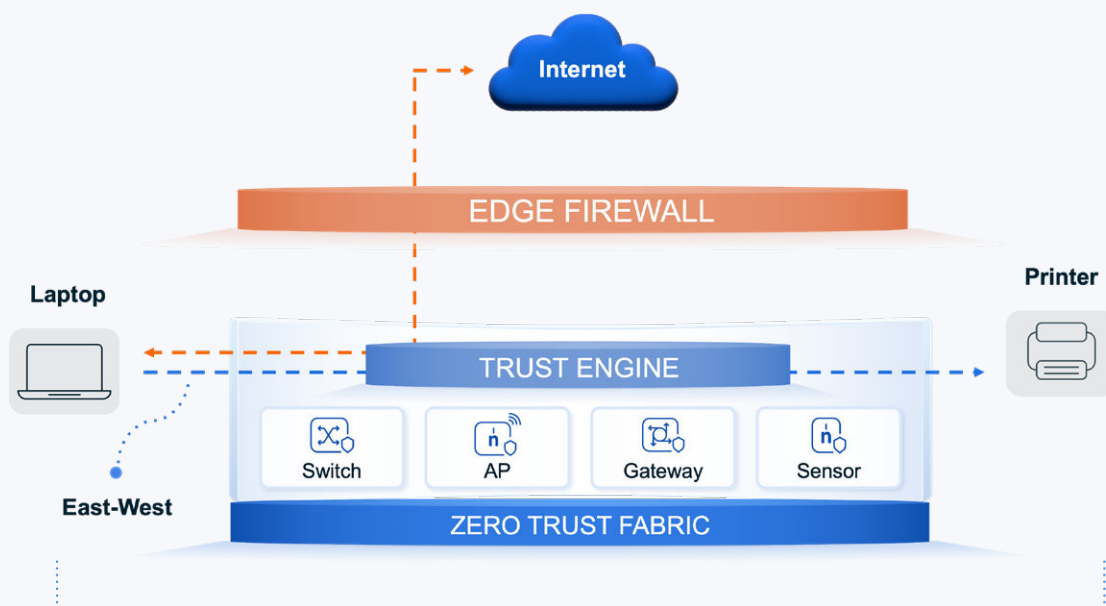
Nile's Edge Service can also be used to eliminate local firewalls in some scenarios, such as in branch offices.

An Any Firewall Model, Anywhere

1. For on-premises, Nile works with leading edge firewalls from vendors such as Palo Alto Networks, Check Point or Fortinet.

Enforcement options:

- **Local Firewall** sees all traffic including intra-segment traffic
- **Hybrid** - local firewall and Nile Trust Engine



2. For those that prefer a more operationally flexible model, Nile supports the use of cloud or on-prem Firewall-as-a-Service (FWaaS) solutions. Customers can opt for their preferred vendor's solution or take advantage of Nile's on-prem FWaaS offering which is a managed extension to the Nile Access Service, which includes Palo Alto and Sophos options.

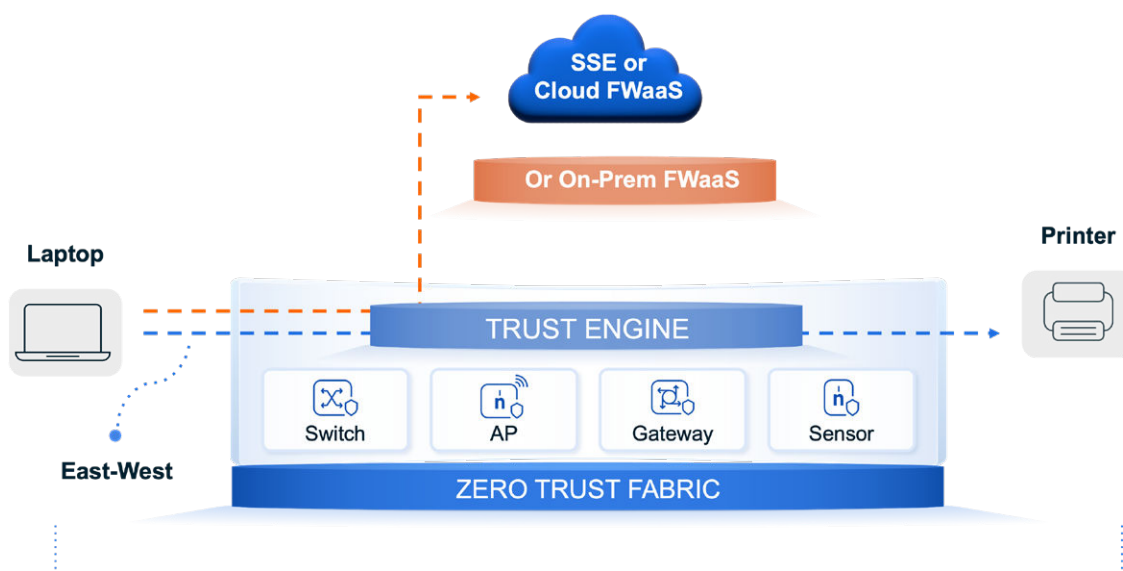


Image above applies to FWaaS and SSE options

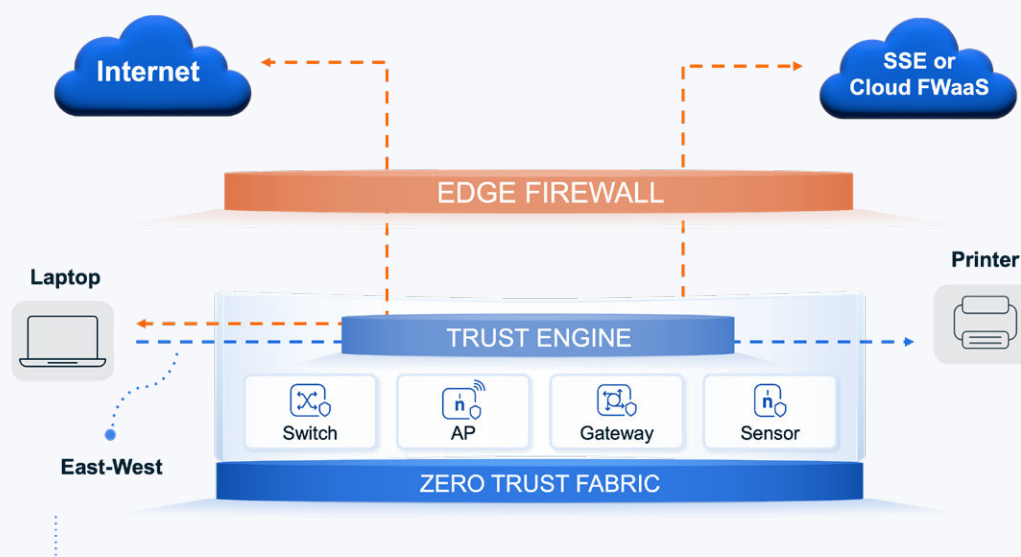
Nile's FWaaS includes onboarding, ISP connectivity, configuration management, health checks, updates, monitoring, and troubleshooting. This provides a single point of contact for network and firewall services—reducing vendors, handoffs, and operational silos that delay issue resolution.

3. Nile also supports **regional cloud-based** firewalls supported in private data centers or within **SSE/SASE** services. Nile seamlessly integrates with cloud security providers including Zscaler ZIA, Palo Alto Prisma, and Microsoft Global Secure Access. Full orchestration and monitoring of the secure tunnels created require no manual operations or intervention.

Enforcement options for FWaaS (cloud and on-prem) and SSE:

- Cloud services see all traffic
- Hybrid - SSE/FWaaS and Nile Trust Engine

Lastly, a multi-tiered model allows for organizations to combine local firewalls with edge firewall services or Nile enforcement where required. The following enforcement options are supported:



- All enforcement via local or FWaaS (cloud, local, regional)
- Local or FWaaS and Nile
- Distributed enforcement - Nile and local or FWaaS
- All enforcement via Nile (east-west, north-south)

Summary

The result is a more flexible and modern security architecture that natively simplifies enforcement inside the LAN, and then integrates cleanly with whatever firewall model the customer prefers—existing on-prem firewalls, SSE solutions, and Nile or 3rd-party FWaaS (can include regional Data Center firewall) solutions. This combination provides organizations with stronger security, simpler operations, and a more consistent Zero Trust experience from the campus to the branch, to the cloud.

Ready to Get Started?

Request a Demo