

Secure Internet Connectivity Made Easy

Designed for remote sites and operational simplicity.

Modern, Autonomous Connectivity

Nile Edge Service delivers secure internet and cloud connectivity without requiring traditional firewalls or routers at each site. Traffic is intelligently directed based on real-time conditions, eliminating manual tuning and updates. Delivered as-a-Service, organizations reduce complexity and operational effort while maintaining high-performance WAN connectivity.



Key Capabilities

1.

Adaptive Path Selection

Autonomously steers traffic in real-time based on changing conditions, without static roles or predefined paths.

2.

Self-Optimizing Operations

Eliminates ongoing configuration and policy maintenance by continuously optimizing behavior.

3.

Multi-Link Intelligence

Supports multiple connectivity options terminating on Nile's Zero Trust Fabric, evaluating real-time link quality.

4.

Usage-Aware Routing

Accounts for bandwidth limits and usage trends to prevent congestion and avoid overages.

5.

Native SSE Integration

Forwards traffic directly to cloud-delivered security services edge (SSE) without the need for additional appliances.

6.

Simplified Operations

Designed, deployed, and operated through a single, standardized operating model—eliminating separate tools, and lifecycle overhead.

Getting Started With Nile Edge Service

As an extension of Nile's Secure NaaS, Edge Service delivers internet and cloud connectivity directly through the Nile Zero Trust Fabric. Instead of using external firewalls or routers, connections terminate on Nile ZTF switches. Traffic is securely handled and directed without manual configuration.

- Service activation requires minimal IT interaction in Nile Portal.
- Links, providers, and performance characteristics are identified automatically.
- Traffic behavior continuously optimizes based on real-world conditions.

Nile Edge Benefits

Organizations gain a secure, simplified approach to internet and cloud connectivity across all sites. IT sees a reduction in security risk, less operational friction, and faster deployment by removing the need for separate appliances, manual configuration, and ongoing tuning.



Security by Design

Traffic is secured using native Nile Zero Trust services without additional appliances, reducing attack surface and complexity.



Operational Simplicity

Standardized architecture and autonomous operations eliminates manual configuration, ongoing tuning, and per-site manipulation.



Faster Time to Value

Less integration results in shortening rollout timelines, lowering operational and lifecycle expenses.

Nile Edge Differentiation

Traditional edge solutions rely on static designs and manual interaction that struggle to keep pace with changing usage and application behavior, increasing operational effort and risk. Edge Service replaces this with real-time, self-adjusting connectivity that delivers consistent outcomes without constant manual interaction.

1. Removes IT resource constraints tied to traditional tuning and optimization across distributed environments.
2. Learns link behavior, traffic patterns, and internet paths automatically—without manual interaction.
3. Eliminates need for on-premises firewalls and routers, reducing hardware sprawl, attack surface, and risk.

Internet Connectivity Without Complexity

For a distributed software company operating across multiple locations, their existing WAN solution was far too burdensome. The Nile Edge Service gives them a single solution that provides wireless and wired services, as well as fully integrated internet and cloud connectivity without firewalls and SD-WAN appliances, and fragmented policies.



“Nile’s Edge Service gives us a network with built-in capabilities that streamlines offering end-to-end access to internet and cloud services—without involving and managing multiple platforms, vendors, or service providers.”

Vice President
Technology Operations

How is Nile’s Edge Service Consumed?

As an extension to the Nile Access Service, the Edge Service is a turnkey solution that only requires a simple 3 or 5-year subscription based on expected bandwidth per site.

Nile handles all software updates, support issues, and WAN link optimization.

Related Services



Nile Access Service

A robust and modern wired and wireless foundation that supports today’s evolving indoor and outdoor connectivity demands.

[Learn More >>](#)



Nile DHCP Service

Highly available, easy-to-use DHCP service for seamless and efficient IP Address operations in today’s fast paced mobile environments.

[Learn More >>](#)



Nile Trust Service

Built-in Zero Trust security at every level that delivers secure access, malware protection and compliance protection, without complex add-on solutions.

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Ready to Get Started?

Request a Demo