

Nile Secure Network-as-a-Service for the AI Era

For decades, network deployments and refreshes have followed a predictable path. A familiar legacy vendor is selected, the hardware is bought, a variety of licenses acquired, and equipment is installed or replaced, with the burden of ongoing operations and maintenance falling on an internal or contracted IT team.

With Nile's Secure Network-as-a-Service (NaaS), organizations now have a scalable, secure option designed to address this problem, as well as the evolving user and security challenges IT now faces due to the expanded use of AI:



Zero Trust Security

In the AI era, as the velocity of exploits has accelerated from months to days, breaches have become inevitable. **Built-in Zero Trust** reduces breaches and risk by more than **60%** and cyber insurance premiums by **~25%**. Access control, segment-of-one device isolation and proactive threat containment limit the blast radius of a breach to only the compromised device.



Speed Of Deployments

Legacy deployments and refreshes can drag on for weeks or months, slowing down the business and hindering productivity. Nile's deterministic architecture turns deployments into an effortless automated deployment, management, and activation workflow that gets sites up and running in days, not weeks. Once operational, Nile delivers **3X faster change management as well**.



Simplicity Over Complexity

Operational friction from multiple add-on solutions, manual processes, and IT resource constraints pulls focus away from strategic projects, mirroring IT in continual firefighting. **Autonomous Operations** with deterministic outcomes allows the network to optimize itself so that the focus is on strategic initiatives versus manual tasks and resource burden.



Predictable Savings

Heavy investments in legacy hardware, licensing, and ongoing operations make it incredibly difficult to predict the true cost of networks. Hidden costs snowball beyond expectations. Nile reduces the total cost of ownership (TCO) by as much as **60%** with a stable, predictable subscription and built-in capabilities that eliminate traditional hidden costs.

As organizations push for digital transformation, agility, and innovation, many are re-evaluating their network strategies, drawn to the financial flexibility of shifting from a CapEx-heavy model to an OpEx approach. This shift is gaining significant traction, with a recent Enterprise Management Associates report revealing that 92% of respondents are interested in adopting campus and branch networks through an as-a-Service model.

As adoption of a NaaS model accelerates, organizations are uncovering benefits beyond cost predictability. From boosting agility and operational efficiency to eliminating End-of-Life / End-of-Service (EOL / EOS) headaches. This seamlessly supports office refreshes, moves, and expansions, allowing IT leaders to discover new opportunities to deliver faster, more reliable connectivity to their users, customers, visitors and more.

Network-as-a-Service Adoption

92%

of respondents signaled an interest in adopting campus and branch networks through an as-a-Service model.

Enterprise Management Associates (EMA) Report

Key Takeaways

Budgetary control

CIOs are under constant pressure to make the network more reliable, secure, and agile. The CIO and their team must identify and purchase a network that satisfies short and long-term objectives.

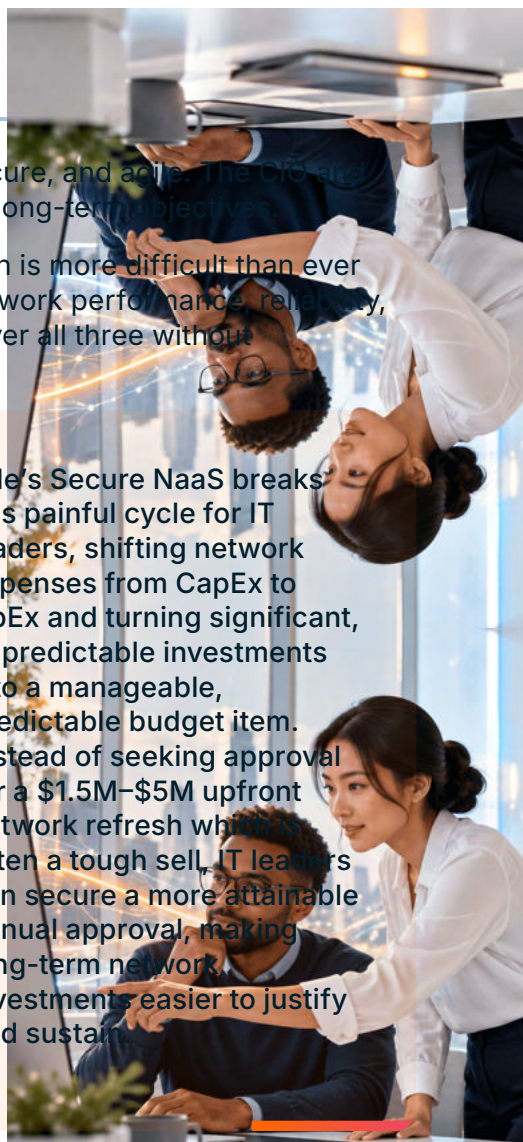
Unfortunately, gaining the necessary budget for a successful LAN refresh is more difficult than ever before. IT teams are expected to deliver continuous improvements to network performance, reliability, and security, but are rarely given the financial backing necessary to deliver all three without compromising. As a result:

- Approved budgets often fall short of initial requests
- Critical network capabilities are delayed or deprioritized
- Traditional CapEx models force tough trade-offs

These constraints make it increasingly difficult to refresh a campus network while supporting today's requirements and tomorrow's ambitions.

Instead of driving innovation, new IT projects become life-support systems for legacy networks that were never designed for AI-driven applications, a hybrid workforce, or today's cloud-heavy environments. The result? Higher operational complexity, unpredictable costs, and a growing gap between business needs and network capabilities.

The IT organization is forced into using an inefficient mix of old, new, and transitioning infrastructure — with older equipment being a significant weakness. IT leaders want to provide the performance, experience, and security their users demand, but it's impossible due to fragile, aging infrastructure.



Nile's Secure NaaS breaks this painful cycle for IT leaders, shifting network expenses from CapEx to OpEx and turning significant, unpredictable investments into a manageable, predictable budget item. Instead of seeking approval for a \$1.5M–\$5M upfront network refresh which is often a tough sell, IT leaders can secure a more attainable annual approval, making long-term network investments easier to justify and sustain.

Improved IT operations efficiency

Inefficiencies in managing a traditional network have always significantly affected IT departments. Refresh cycles for wired switches and access points (APs) rarely align, and in a multi-vendor network, they often overlap or conflict with each other. IT teams spend valuable time managing hardware upgrades, software updates, and licensing compliance — all while navigating complex vendor pricing structures.

With Nile's Secure NaaS, all of the hardware, software upgrades, Zero Trust security, maintenance, and support are delivered as-a-Service. AI-powered Autonomous Operations further minimize operational overhead by streamlining network design, deployment, monitoring, management, and security. This eliminates the traditional cycle of add-on costs, complexity, and operational strain, that diverts resources from strategic initiatives.

Offloading network operations not only increases efficiency but also allows organizations to focus on innovation, growth initiatives, and accelerating time to value.

A Smarter Approach to Network Expansion and Lifecycle Management

Nile's Secure NaaS also removes the burden of managing EOL / EOS cycles, an ongoing concern that adds complexity and cost to network operations. Network infrastructure is continuously maintained, managed and replaced when needed, ensuring the organization is never constrained by aging hardware or expiring licenses.

This also extends to scaling operations. Whether adding capacity, opening new locations, or relocating offices, traditional network practices often introduce delays — from procurement and compatibility checks to physically moving and installing equipment. With Nile Secure NaaS, these challenges disappear. There's no need to decommission, resell, or transport hardware. Network infrastructure is deployed, configured, and managed by Nile.

The Nile Secure NaaS Advantage

When evaluating wired and wireless options, shifting beyond the traditional model is essential. Maintaining the status quo is no longer a viable strategy in light of new applications and threats.

Nile's Autonomous Networking model proactively prevents major outages and mitigates costly downtime and breaches, allowing IT leaders to quickly modernize their networks and:



Organizations require greater network performance and security, with greater budgetary control, operational efficiency, and productivity gains. Nile Secure NaaS removes the burden of traditional network maintenance while ensuring predictable costs and performance, via scalable networking infrastructure and guest, access control, and edge services that are delivered as-a-service.

About Nile

Nile is a pioneer and leader in Secure Network-as-a-service (NaaS). With AI-powered service delivery and autonomous operations, Nile solutions cut through complexity and cost versus legacy networking solutions, while delivering radical operational simplicity and user experiences.

Ready to Get Started?

[Request a Demo](#)