What the cloud did for computing, Nile does for connectivity

nile

An enterprise network that's so secure and so reliable, we guarantee it. Always-on. Always adapting to your needs. That's the Nile experience.

The world isn't just changing — it's being redefined. From energy to factories, hospitals to high schools, banking to transportation, technology, prosperity, and unbridled ambition have led to disruption, innovation, and unimaginable inventions.

But until now, there's been one universal hurdle standing between these audacious dreamers and true mass adoption: the networks behind every email, app, line of code, purchase order, and prescription. Networks are the universal framework to our collective progress and power. And, despite the digital transformation and pandemic-powered acceleration, these networks continue to hold us back.

At Nile, we believe dreamers deserve better - and we're here to deliver it.

IMAGINE A NETWORK FOUNDATION THAT

- Prevents roadblocks for human error
- Rejects threats and assures or enables productivity
- Saves money - never squanders it
- Offers total usability - and is easy to buy and customize
- Unleashes productivity and instills peace-of-mind
- Delivers an always-on-never-off service that's natural and intuitive
- Cares for itself, with automated updates

Key Takeaways

Modern networks are holding back progress.

- Networks have become so inherently complex - and so poorly designed - that they've created a very attractive attack surface.

- Shortage of industry expertise - and, even so, misconfiguration from human error is rampant, creating added security risks.

- Updates and upgrades aren't always activated, especially by the increasing number of remote and work-from-home employees.

- Despite best efforts, network downtime is rampant and performance is inconsistent

The Nile Vision

A frictionless, worry-free channel where people, ideas, and technology simply work, securely enabled by a supportive system that does its job - so you can do yours.

NILE IS

The modern network, re-invented, with a clean-sheet design, unburdened by the complexity engineered by the incumbency.

A secure, reliable network, that's invisible to operate.

The first enterprise NaaS that eliminates LAN operations, guarantees network performance, and delivers a fully enclosed zero trust network — all within a singular, holistic pay-per-user model.

The network is the foundation for every business.

Whether it's education, healthcare, retail, or finance, secure always-on connectivity is mandatory for business success.

But despite this unrelenting need, networks are burdened with complexity, risk, and unpredictable costs that limit the user experience.

AND WE DESERVE MORE.

FOUR PILLARS. ONE PURPOSE.

We've designed a complete enterprise network system that reduces enterprise risk and curbs operational complexity — and, with it, **eliminated the source of over 74% of today's network problems and eradicated network architectures built for a legacy pre-cloud era.**

The end result is a highly resilient, highly redundant network with no configurations, security patches, or lifecycle management needed — *and a commitment to four key pillars: simplified IT, guaranteed network performance, unparalleled security, and a pay-per-user model.*

#1 Engineered to Eliminate Network Operations

Businesses can't build the future on yesterday's network architectures. Nile eliminates the complexity with a network that's simple, secure, and cost-predictable - so much so that it silently fades into the background. Exactly like it should.

According to a survey from ITIC, more than 49% of IT downtime actually occurs due to human errors.

Doing this meant removing 90% of the causes of network problems, including human network configuration, while also completely simplifying the enterprise network architecture. From there, we layered in instrumentation data that's analyzed 24/7 via AI-driven Softbots so we can fine-tune network performance in real-time. We also offloaded enterprise network operations from our customer.

So what does this mean for you? Less time supporting and defending the network. Instead, free up more time to drive innovation and business value.
Exactly the way it should be.

#2 Guaranteed Network Performance

The average cost of IT downtime is $300,000 per hour.

Source: Gartner "The Cost of Downtime" July 2014

Nile delivers always-on, secure connectivity for your employees, guests, and customers. Our complete enterprise network system guarantees superior network connectivity through SLAs. That means always-on uptime, video-grade capacity anywhere, and full coverage to the very edge of your site, guaranteed.

And by guaranteed, we mean backed by billing - as in, we'll refund you for any downtime you experience. Because we put our money where our technology is.

So how do we do it? It starts by backing each wired and wireless LAN experience, guaranteed through a set of strict SLAs that are monitored 24x7, tracking the availability, high-definition coverage, and capacity of your service. In addition to tracking the performance of your Nile service, our sensors also look at the health of your infrastructure, user, device, and application connectivity.

#3 Unmatched Enterprise Security

> In 2021, there were 5.4 billion malware attacks detected.
>
> Source: Statista Research Department, Jul 6, 2022

Built on the principles of zero trust, the Nile network trusts no one and authenticates everyone. Nile is designed from the ground up to drive zero trust access, protect network flow, and secure cloud traffic — that means:

- Enforcing only strict authorized access to the network

- Securing network model prevents lateral movement of malware

- Delivering end-to-end MACSec encryption protects against any spoofing

With so many threats, Zero Trust is critical to protecting against improper network access to preventing the spread of malware within the network. All traffic is encrypted, devices are segmented based on needs, and network connections are authenticated, authorized, and evaluated for threats every time. This eliminates blind spots in the network and ensures policies are equally applied to all traffic in the network, no matter what.

#4 Unprecedented Network Cost Model

And finally, extreme simplification is also applied to network costs. Traditionally, network costs are a complex combination of hardware and software procurement, expert and expensive network engineering, and time-consuming troubleshooting. What's more, hardware infrastructure ages every three to five years – and organizations need to repeat the network refresh cycle.

> **48%** of customers say lifecycle management is driving the move to NaaS.
>
> **42%** say network resiliency and performance is inspiring the shift.
>
> Source: 2022 Networking Trends Report

We've taken the entire network experience (Day 0 to Day N) and encompassed it in a single, holistic pay-per-user consumption model. Scale up or scale down as you need – per user. This dynamic model enables unprecedented agility in managing network costs.

It's pay-per-user. And it's that simple.

Introducing the Nile Customer Portal for IT

For any network issue, IT spends the most time identifying the source of the problem. Often, the enterprise network is blamed first.

The Nile Customer Portal allows you to track the health of your Nile service 24/7, including availability, coverage, and capacity. At the same time, you can easily view simplified insights and verify network performance, extending visibility into DHCP and RADIUS servers, end clients, and critical business applications.

Engineered for the Future

Nile is here — and, already, we're trusted by some of the world's most innovative enterprises. Join the modern network movement now.

Learn more at nilesecure.com

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