



nile

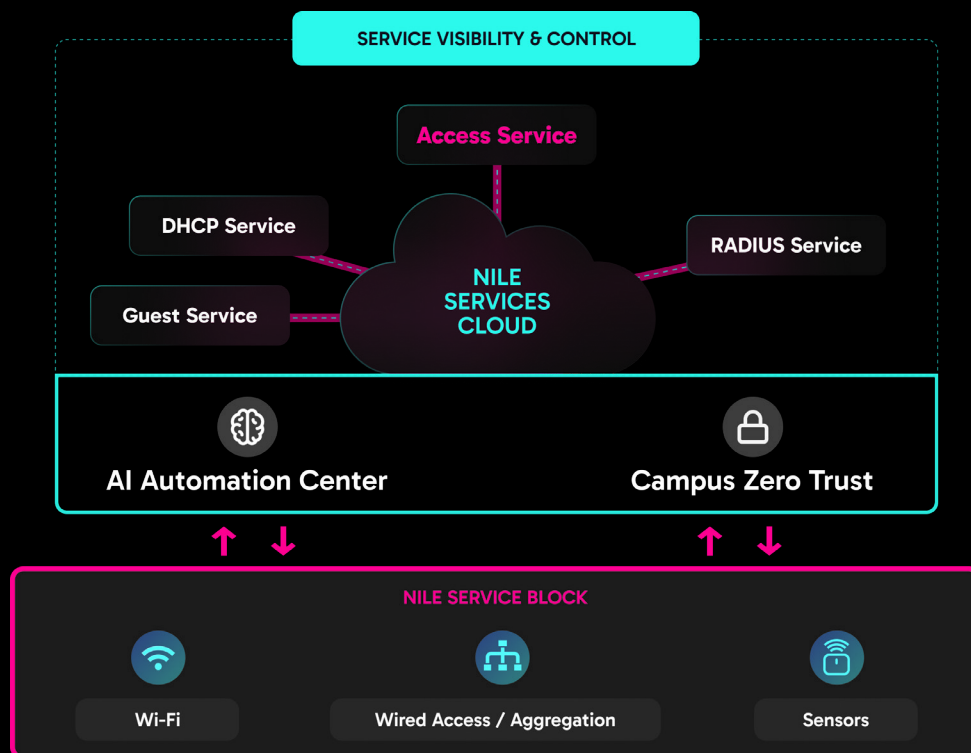
Nile Access Service

High-end hardware, Zero Trust security, and closed-loop AI Automation — backed by the industry's only 99.95% Performance Guarantee.

A Foundation Built on Modern Design Principles

Your core business works best if everyone is working together. The same is true for the wired and wireless network architecture you choose. The Nile Access Service is a vertically integrated Campus NaaS solution with Zero Trust security and AI Automation. It eliminates business productivity risks from legacy network performance, security threats, and operational inefficiencies.

Our modern architecture is based on high-performance infrastructure and microservices-based software, built-in Zero Trust, extensible APIs, and modern cloud management orchestration. This forms the framework of our closed-loop automation solution, where AI can deliver self-healing capabilities, autonomously resolving more than 99.5% of incidents while giving you full control and visibility over your network's management.



Nile Service Block: Custom high-performance hardware and vertically integrated, microservices-based software create a more agile, reliable, and secure network—enhancing efficiency and user experience.

- Nile Switches
- Nile Access Points
- Nile Performance Sensors
- Zero Trust Security

Campus Zero Trust: Built-in Zero Trust security that resides within the Nile Service Block and cloud, delivering advanced access controls, per-device isolation, data encryption, and malware/ ransomware threat prevention, ensuring robust

protection and reducing vulnerabilities for a secure network environment.

AI Automation Center: Integrated AI Automation continuously benchmarks each deployment and fine-tunes every Nile Service Block, ensuring peak performance and maximizing uptime for a consistently reliable network. Telemetry data flows into a Digital Twin, enabling closed-loop automation and real-time analytics.

Service Visibility & Control: Customer-facing AI-powered dashboards for streamlined network service provisioning, orchestration, and monitoring, enabling IT teams to take control of network management with greater confidence.

Add-On Services

In order to accelerate the adoption of the Nile Access Service, we also offer native add-ons to the core Nile Access Service.

Nile Guest Service: A secure cloud-delivered guest experience adds additional security to your business.

Nile DHCP Service: Cloud-delivered IP address management reduces disruptions and scales your DHCP infrastructure.

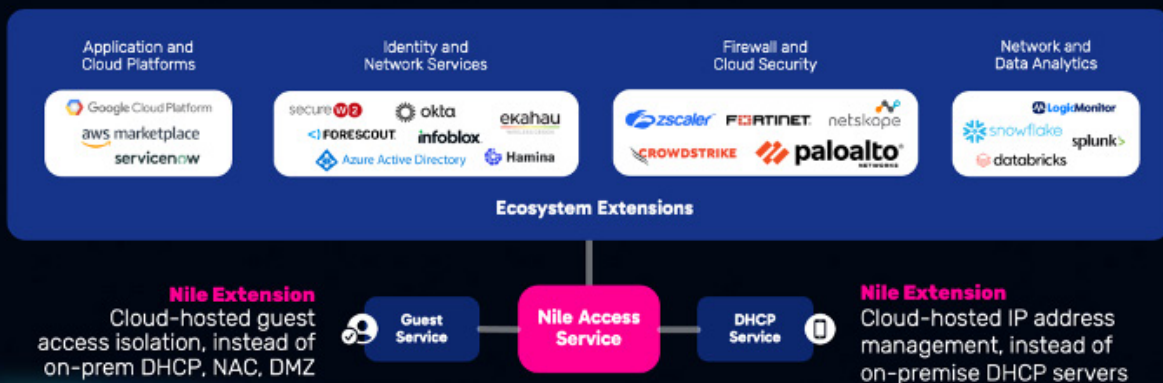
RADIUS Service: A cloud-delivered authentication service that eliminates the need to deploy, configure, and manage an on-premises RADIUS server.

Nile Trust Service Premium: Built-in Secure Service Edge (SSE) integration for consistent remote and on-campus Universal Zero Trust access with contextual policies.

Seamless Third-Party Integrations

The Nile Access Service architecture removes the need to invest in complex third-party tools. However, we provide ready-built integrations and APIs to support your existing investments.

Open Ecosystem with the Nile Access Service Extensions



Eliminating Network Lifecycle Costs and Operational Burdens

From Day -1 to Day N, the Nile Access Service experience is designed to guarantee high-performance connectivity and security, so your IT team can focus on more strategic tasks. Our service includes:

Planning, Site Survey, and Design:

It all starts with assessing the organization's needs, followed by automatically designing the network and selecting the optimal hardware and software using sophisticated AI tools.

Installation and Activation:

This process features toolless installation and activation for optimal performance, all managed through Nile's AI-driven app, Nile Nav—eliminating staging and reducing the need for multiple truck rolls.

- Network Installation: Experts unbox, rack & stack elements, and mount APs & Sensors
- Network Activation: One-touch activation of all network elements
- Network Validation: Validate physical network installation against the Digital Twin
- Customer Sign-Off: Customer approval on completed install

Ongoing Network Operations

The network is continuously monitored and managed to maintain peak performance and security. This ongoing process ensures it stays aligned with changing needs.

- 24 x 7 Monitoring: Continuous network telemetry data collection & analysis in the Nile Services Cloud
- AI Networking & Automation: Continuous validation of customer network against the Digital Twin. Deviations are detected and automatically corrected to optimize reliability & performance
- Software Updates: Updates and patches are scheduled to automatically update during the customer-controlled maintenance window
- Backup, Disaster Recovery: Built-in BCDR processes to protect network data during outages
- Hardware replacement: Failing hardware is detected, replacement hardware shipped & work orders created, notifying Nile customers & partners for replacement coordination
- Retirement & Refresh: End-of-Life hardware is replaced by Nile to maintain performance and security. The decommissioning process is handled responsibly to ensure data protection and compliance.
- Performance Guarantee: When performance guarantees cannot be met due to coverage & capacity deficiencies, new network elements are automatically scheduled for install

The Nile Access Service Consumption Model

The Nile Access Service is vastly different from traditional network vendors in that it is consumed using a true as-a-service model. This innovative approach to enterprise networks cuts upfront capital expenditure and eliminates operational technical debt using AI and automation. It also ensures network capacity, coverage, and reliability with the industry's first financially backed 99.95% Performance Guarantee.

Conclusion

Driven by a service-first mindset, Nile's Campus NaaS solution redefines networking with the industry's first Performance Guarantee. Its bold, vertically integrated hardware and software architecture simplifies operations while delivering unmatched security and performance.

nile

info@nilesecure.com | **nilesecure.com**