nile

Nile Guest Service

Complete elimination of lateral movement with secure cloud-based guest

nilesecure.com

There's an expectation today that enterprises, retail environments, educational institutions and public venues will provide Internet access for guests and visitors. In a traditional model, IT organizations create a guest SSID, separate VLAN and login portal, configure Wi-Fi access and firewall policies, and then ask users to acknowledge an acceptance of use policy, and hope for the best.

With security being a major concern for all organizations today, old-fashioned VLAN based segmentation allows for easy lateral movement and snooping, exposing sensitive internal data to guest users and bad actors. Another problem is that guest access connections and traffic do not leverage encryption leaving data fully exposed. It's time for something better, where secure guest access does not introduce complexity for IT and users alike.

67% of organizations believe they are vulnerable to insider threats where service accounts and guest access play a role.

Ponemon Institute Study

Enter Nile

Our secure cloud-based Nile Guest Service offers a unique experience by isolating guest traffic from internal network resources by directly tunneling it to the closest Nile point of presence (PoP) in relation to where users are located. From there the traffic goes directly to the Internet based on policies that your organization determines.

It's a completely modern way to offer guest access with the following outcomes:

- A secure guest service that prevents lateral movement
- An exceptional guest experience without help desk calls
- IT simplicity that eliminates complexity
- Helps offload DMCA / compliance inquires

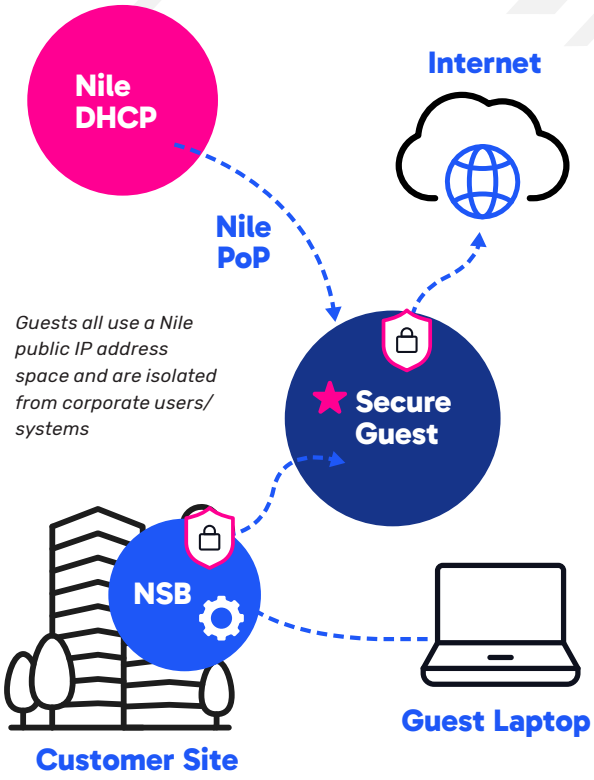
Gone are the traditional guest access headaches where an IT staff is forced to configure VLANs and NAC rules for every location and worry about firewall configuration errors that can expose sensitive data. And best of all, your guest network does not leave your visitors and internal network open to attacks that take advantage of lateral movement, snooping, and other threats.

A look inside Nile Guest Service

The Nile Guest Service takes advantage of built-in zero trust security principles that our Nile Access Service is based upon. Every connection is completely isolated to eliminate lateral movement without spending time on complex segmentation projects that require add-on NAC solutions, special security protocols, or needless onboarding steps.

From there, anywhere a next-generation Nile network is deployed the value of a cloud-based solution ensures a consistent experience without the need to customize policies or spend time setting up each location separately.

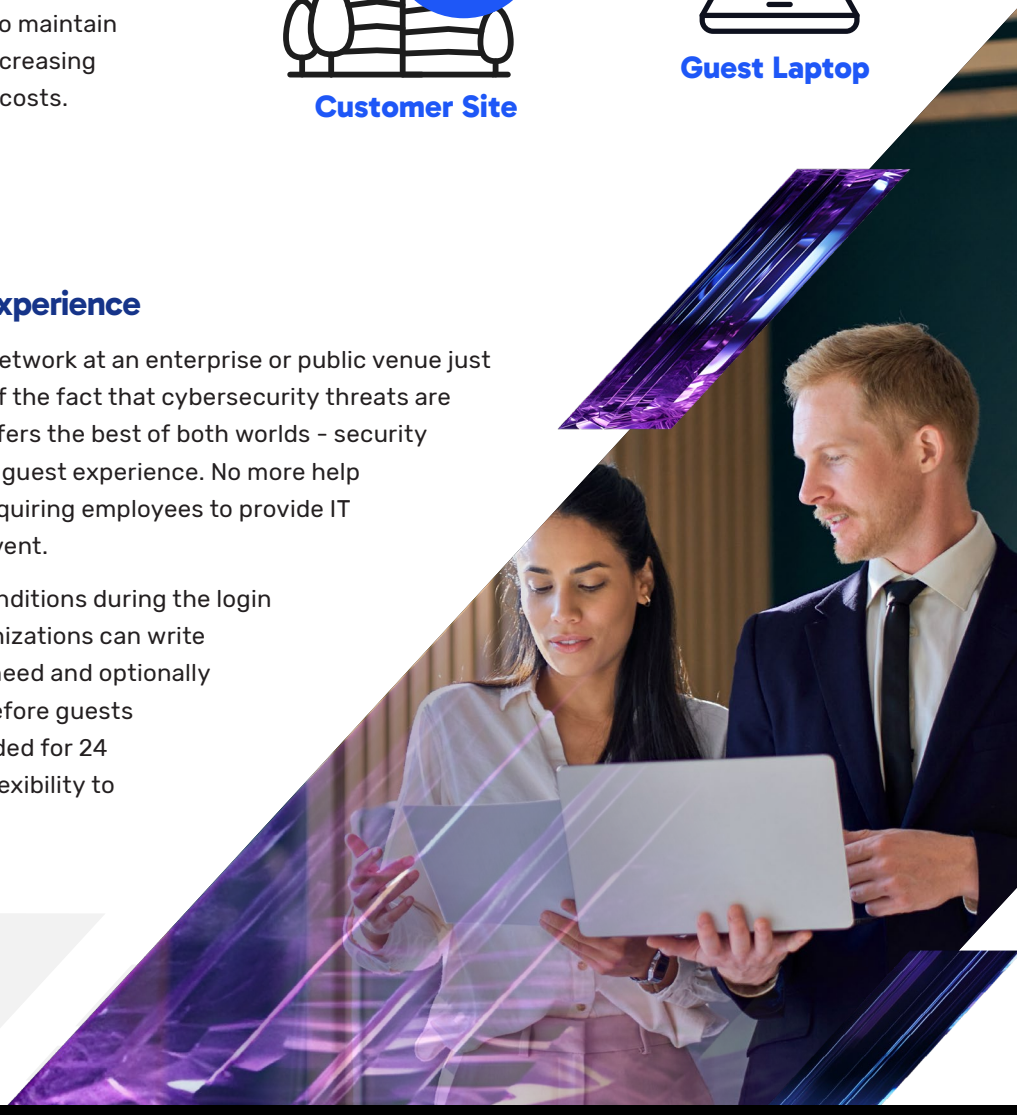
We've also built-in our Nile DHCP Service to make things easier and to further enhance an IT organization's ability to streamline the assignment of IP addresses for guests. This and the offloading of firewall rules eliminates the need to maintain separate infrastructure, while also increasing security and lowering infrastructure costs.



A simple and secure guest experience

Most users that connect to a guest network at an enterprise or public venue just assume that it's secure, regardless of the fact that cybersecurity threats are on the rise. The Nile Guest Service offers the best of both worlds - security and a high performance, hassle-free guest experience. No more help desk tickets to onboard guests, or requiring employees to provide IT with a list of names prior to a large event.

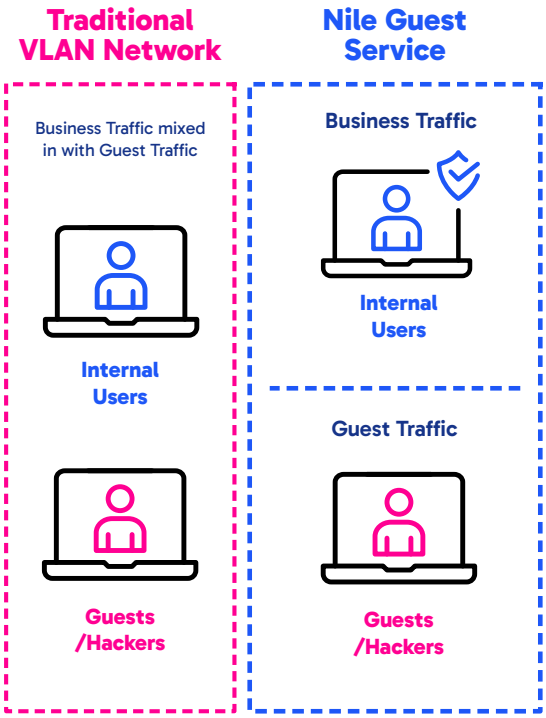
Guests simply agree to terms and conditions during the login process and Nile does the rest. Organizations can write terms and conditions to satisfy any need and optionally require sponsor approval via email before guests gain access. Internet access is provided for 24 hours by default with IT having the flexibility to change the duration if needed.



A modern approach makes a difference

The image depicts a traditional network and the open nature of VLAN based deployments. Each user's device is placed onto an open, unencrypted network that exposes their data to vulnerabilities and attacks. It's like being in a large room where you can hear others' conversations due to the nature of the environment.

The Nile Guest Service isolates each connection into a segment of one, encrypts all traffic and forwards it for each session to a local Nile PoP for inspection and policy enforcement. This ensures that Nile's default zero trust architecture inherently offers an enhanced level of protection as a standard deployment practice. This is something that your legacy network solutions just don't do.



Digital Millennium Copyright Act relief

Normally, if there is any improper behavior online (such as illegal activities) traced back to an IP address, authorities would contact the entity that owns or manages that IP address to identify the user. By using Nile's IP addresses, any inquiries from authorities regarding improper guest behavior will be directed to Nile. This relieves our customer's from having to deal with such inquiries directly.

Key Features

- Directly offload guest traffic to local points of presence (PoPs) and the Internet
- Simple self-service onboarding via captive portal, with optional sponsor approval
- Firewall passthrough–no local firewall policies needed for guest traffic
- Integrated use of Nile DHCP Service and IP addressing

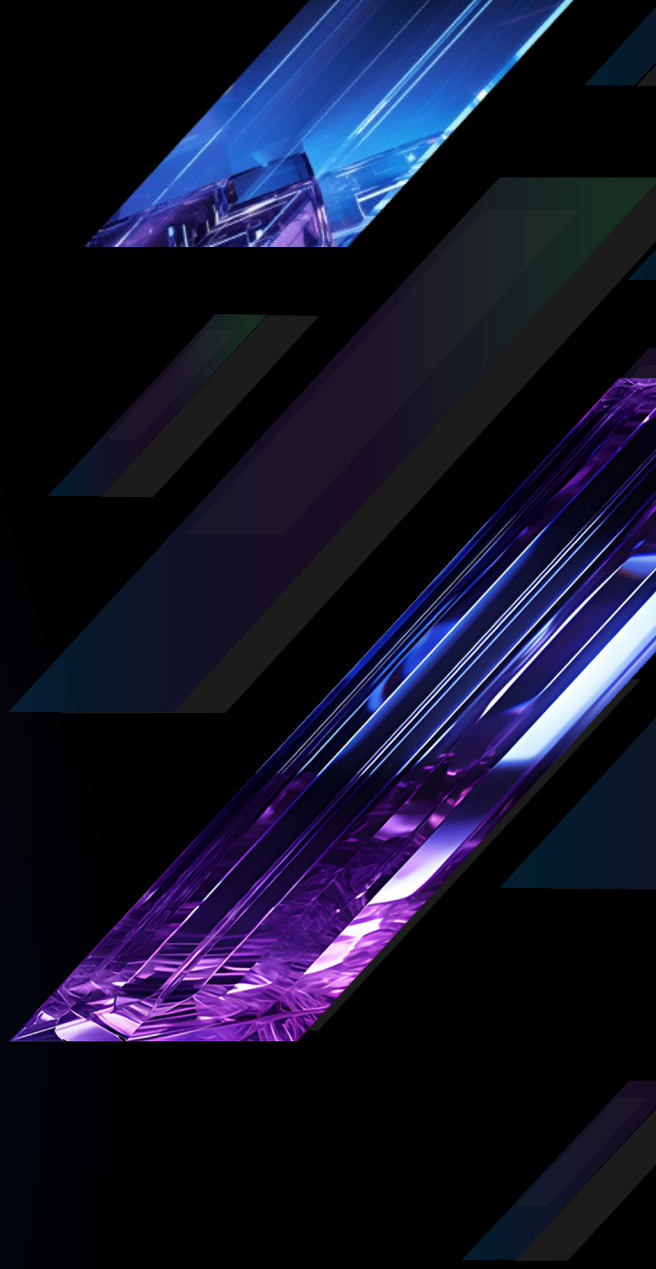
Benefits

- An effective and secure guest access service that boosts cybersecurity protection
- No special guest SSIDs, or endpoint device and infrastructure config changes required
- Fewer IT help desk tickets and employee interaction with onboarding guests
- Reduced costs by removing anchor controllers, DHCP and NAC servers, and associated support fees

The Nile advantage

As the complexity of supporting campus and branch locations increases, Nile enables IT organizations to prevent lateral movement due to guest traffic while realizing a superior guest experience, easy activation and ability to meet evolving compliance mandates. IT leaders now have the option to utilize modern zero trust services from Nile that completely transform legacy management practices while increasing peace of mind.

Visit us at nilesecure.com to unlock the full potential of your organization - without the traditional constraints of legacy network operations.



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