

nile

Nile Nav

**Next-Gen Network
Provisioning and
Activation App**

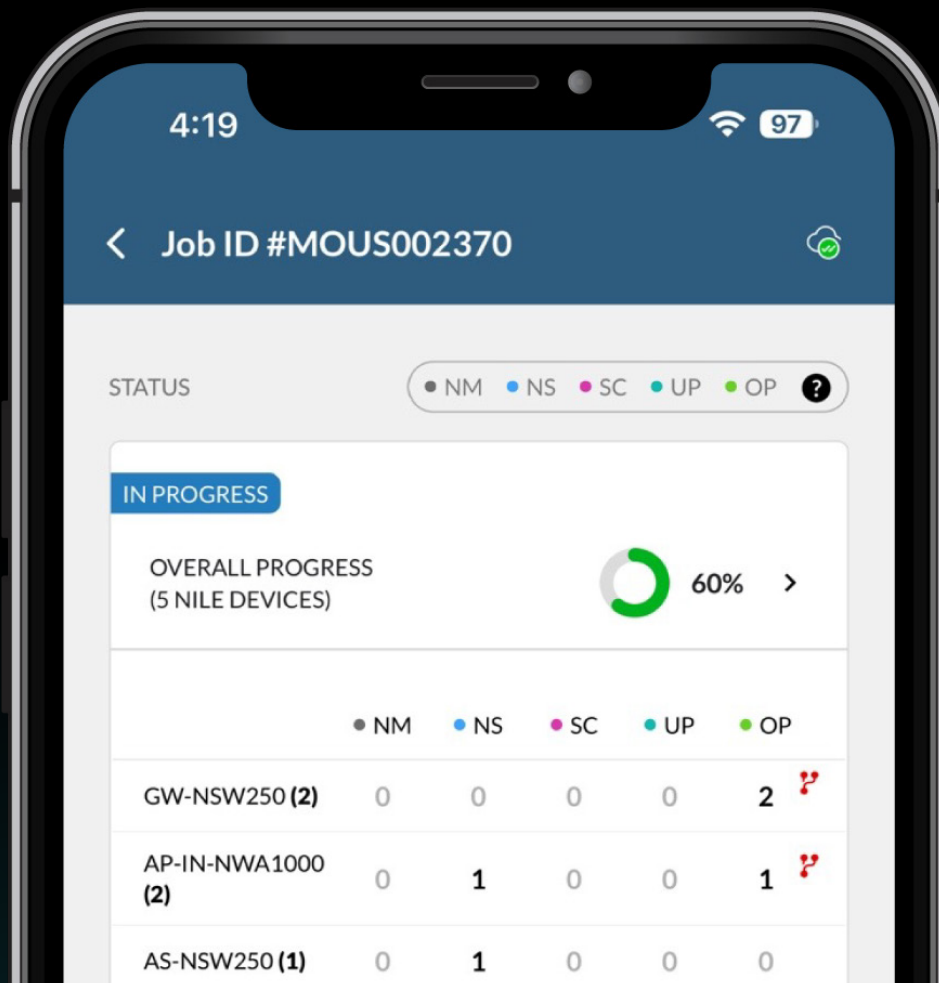
Introduction

For years, the idea of building a network involved the use of zero touch provisioning (ZTP) apps that played a minor role in the deployment and operation of new network infrastructure. The AI-powered Nile Nav mobile app offers a groundbreaking approach that redefines how campus LANs are designed, deployed, and managed.

IT organizations can now use the next-gen Nile Nav app to design, provision, activate, and monitor their Nile infrastructure and Nile Access Service from Day -1 to Day N. The advanced provisioning, AI automation, visibility, and monitoring features significantly enhance the ability to deploy and operate a network today.

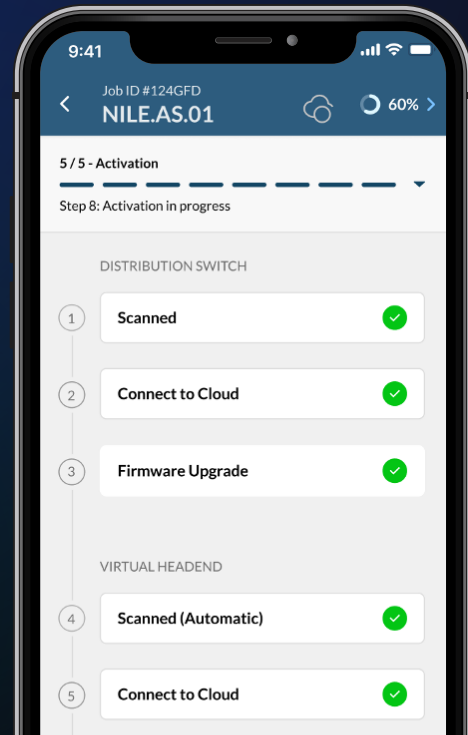
This next-gen app enables Nile, Service Delivery partner installers, and customers to efficiently build and manage a Nile Access Service with a new level of precision. Nile Access points and Ethernet access and distribution devices are installed as planned, software updates are performed as needed, and everything requires checks and verification before putting the Nile Access Service or new devices into production.

The Nile Nav app is available for Android and iOS.



Exceeding Modern Campus Needs

Nile Nav fundamentally solves a legacy networking and industry challenge. For the first time, IT organizations can bridge the gap between designing, provisioning, and monitoring a network that puts a strain on critical IT resources. With the aid of Nile Nav in the hands of qualified customers and partners, IT organizations can achieve an installation that exceeds their expectations and timelines.



The Nile Nav app includes the following capabilities:

- Comprehensive site discovery and wireless site surveys
- Visual representations of IT closets, racks, power, cooling capabilities, ceiling types, access point and physical sensor mounting locations, and more
- Automated cable plans for copper and fiber interconnections with cabling interconnect verification
- Data that creates a Digital Twin replica of the customer network
- Generation of an automated hardware and accessory Bill of Materials (BoM)
- Ensures proper deployment of Nile switching, wireless, and sensor devices
- Performs network activation and validation checks to eliminate unplanned deviations
- Enables swift identification and replacement of hardware components throughout the life of the service to guarantee optimal network performance and uptime

With Nile Nav, customers and partners benefit from comprehensive visibility from Day -1 through Day N, ensuring the network is built and functions as planned.

What distinguishes Nile Nav from other solutions?

For years, ZTP apps have been available that help with the deployment of individual wired and wireless campus LANs. Unfortunately, they offer little more than provisioning assistance. The Nile Nav, on the other hand, offers fully comprehensive design, and deployment, plus ongoing lifecycle management capabilities.

“Nile Nav brings foundational innovation to a critical, but often underappreciated, aspect of transforming access: the physical install. We have found that Nile provides consistent and predictable access installs for our clients.”

Jeff Wynne, VP Advanced Technical Solutions, World Wide Technology

Capabilities that go beyond ZTP apps:

- Real-time updates on the status of shipments, installation progress at locations, and pre-and post-install checklists
- Availability of resources (documentation & videos) to support the physical installation and activation of each infrastructure device within a Nile Access Service
- A detailed map of installation tasks across floors, IT closets, interconnects, and access point deployment locations
- Monitoring of the overall progress of the work order and approval process
- Streamlined inventory tracking
- Software updates through device scans and firmware checks
- User-friendly troubleshooting to identify any connectivity issue with the customer's upstream firewall or router

Summary

It's time for a change as IT resources are at a breaking point and the reliance on the campus network is at an all-time high. Nile Nav is a groundbreaking innovation that addresses the essential needs of organizations' evolving needs and allows them to build a campus network that they can rely on, from Day -1 to Day N.

By providing advanced features for designing, deploying, and monitoring lifecycle management needs, Nile Nav delivers a new level of hands-on network operations tools. It not only simplifies complex processes but also reinforces Nile's commitment to delivering superior network reliability and support - delivered as-a-Service.