

# Nile Service Block Hardware

## Nile Service Block Hardware

NSB hardware, deployed throughout your sites, serves as the common access layer for both wired and wireless users, along with devices such as surveillance cameras and printers. The physical components of NSB include WiFi 6E APs, Distribution and Access Switches, and Sensors.

- Switches
  - Distribution Switches
    - 24x10/25 Gbps ports for servers and access switches
    - 1/10/40 Gbps ports for upstream routers/firewalls.
  - Access switches
    - 48 multi-gig (100M to 5Gbps) ports for APs, desktops, printers
    - 4x10/25Gbps, and unlimited number of switches in a ring
    - All ports are PoE / PoE+ capable
- Wi-Fi Access Points
  - Indoor and Industrial Wi-Fi 6e APs
  - 4 Radios + 1 BT
  - 3 Radios serving clients: 2.4Ghz: 4x4:4; 5Ghz:4x4:4; 6Ghz:4x4:4
  - 1 Tri band radio for WIPS/WIDS, RF Monitoring & virtual sensor
  - 5Gbps Uplink
- Sensors to actively monitor user experience SLAs.
  - Power our "Outside in" view of network performance.
  - 5Ghz radio
  - Station mode / Wi-Fi Client

- AC and Wall power outlet pluggable



There are no local interfaces to NSB hardware. The Nile Cloud Platform manages all aspects - from ordering and provisioning to operation and monitoring.

NILE DASHBOARD IMAGE

## How is a Nile Service deployed?

Revision #7

Created 29 February 2024 17:01:48 by JR

Updated 28 March 2024 21:55:09 by JR