



D-LINK NETWORK MANAGEMENT PLATFORMS

# Nuclias Management Platform Guide

Three ways to manage one network - on-premises controller, enterprise software controller, or cloud. Choose the platform that matches your scale and your data policy.

NUCLIAS CONNECT

NUCLIAS HYPER

NUCLIAS UNITY

ON-PREMISES

CLOUD

# Three Platforms, One Family

D-Link's Nuclias family gives you a choice of three network management platforms, each suited to a different scale of deployment and management model.

|                           | <br>nuclias<br>connect<br>CONTROLLER MANAGED | <br>nuclias<br>hyper<br>CONTROLLER MANAGED | <br>nuclias<br>unity<br>CLOUD MANAGED     |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>DEPLOYMENT</b>         | DNH-1000 hardware controller (on-premises)                                                                                    | DNC-5000 software controller (on-premises, deployed on preferred hardware)                                                  | Cloud management                                                                                                             |
| <b>SCALABILITY</b>        | Up to <b>500</b> devices                                                                                                      | Up to <b>2,000</b> devices                                                                                                  | <b>Infinite</b> scalability                                                                                                  |
| <b>SOLUTION SCOPE</b>     | Localised campus or single-site networks requiring internal data isolation                                                    | Large-scale, multi-site enterprise networks linked via secure VPN                                                           | Distributed, multi-site networks across diverse geographical locations                                                       |
| <b>IDEAL FOR</b>          | Customers looking for simplified, licence-free management of their network                                                    | Enterprises needing core-to-edge switch and AP control while keeping data local                                             | Businesses seeking easy remote setup, centralised use and low-maintenance management with enterprise networking capabilities |
| <b>EXPERTISE REQUIRED</b> | Low - Medium                                                                                                                  | Medium - High                                                                                                               | Low                                                                                                                          |
| <b>PLATFORM COST</b>      | One-time local hardware cost (DNH-1000)                                                                                       | Self-hosted local hardware cost                                                                                             | Free unless requiring licensed enterprise features                                                                           |

Platform detail pages follow: Nuclias Connect on page 04, Nuclias Hyper on page 06, Nuclias Unity on page 08.

Each platform's supported-device list sits on the page immediately after it.

# Choosing the Right Platform

Three questions decide it: how many devices, where the management data must live, and how much in-house expertise you have.

## CHOOSE NUCLIAS CONNECT IF



### Single site or small campus

You manage a single site or small campus, want an inexpensive on-premises hardware controller, and need to support up to 500 devices. The software is free to download; the only platform cost is the DNH-1000 controller itself.

## CHOOSE NUCLIAS HYPER IF



### Large multi-site enterprise, data kept local

You operate a large, multi-site enterprise that needs centralised core-to-edge switch and AP control - up to 2,000 devices - while keeping all management data on-premises. The DNC-5000 software controller deploys on hardware you choose.

## CHOOSE NUCLIAS UNITY IF



### Cloud-first, no on-premises hardware

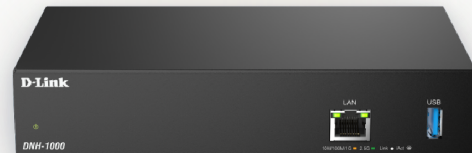
You want zero on-premises controller hardware, centralised cloud management across multiple sites or customers, and the fastest path to remote deployment and monitoring. Free unless you need licensed enterprise features.

## — NUCLIAS CONNECT

# On-Premises Network Management with the DNH-1000 Hardware Controller

**Your network, your way.**

Nuclias Connect is D-Link's free-to-download network management software, hosted on-premises or on a public cloud service of your choice, and built around the DNH-1000 hardware controller. The DNH-1000 centralises provisioning and management for up to 500 devices, letting access points and switches work together as a team. Self-organising, self-optimising and self-healing features keep the network performing at its peak, while remote and batch configuration make deployment, expansion and replacement fast and consistent.



FREE SOFTWARE

DNH-1000

500 DEVICES

ON-PREM

## 01 Key Features

- ✓ Free-to-download Nuclias Connect software, hosted on-premises or in the cloud
- ✓ DNH-1000 hardware controller centralises management of up to 500 devices
- ✓ Self-organising, self-optimising and self-healing wireless network
- ✓ Batch configuration and simultaneous firmware updates across devices
- ✓ Role-based, multi-tenant administration with searchable, auditable logs
- ✓ Customisable captive portal with 802.1x, RADIUS, POP3, LDAP and AD support
- ✓ Real-time traffic reporting, analytics and alerts
- ✓ Remote access via desktop browser or the Nuclias Connect mobile app

## 02 Where to Use

Suits organisations wanting hands-on, on-premises control of their network and user data.

- Businesses - network insights, multi-site management, data kept on-premises
- Retail Chains - secure POS connectivity and fast Guest Wi-Fi for customers
- Hotels - high-capacity in-room Wi-Fi that drives guest engagement
- Schools & Universities - scalable, filtered networks, centrally managed
- Managed Service Providers - dispatch pre-configured APs, manage remotely

**Maximum Control, Minimum Hassle for On-Premises Networks**

# Supported Devices

Hardware versions listed are the minimum supported. Check the D-Link website for the current compatibility matrix before ordering.

| ACCESS POINTS          |    | SWITCHES                                 |    |
|------------------------|----|------------------------------------------|----|
| WI-FI 7 ACCESS POINTS  |    | SMART SWITCHES                           |    |
| DAP-E9560              | Ax | DGS-1100-16V2/18PV2/24PV2/24V2           | Ax |
| DAP-E3620 (upcoming)   | Ax | DGS-1210-10P/10MP/20/28/28P/28MP/52/52MP | Fx |
| DAP-E3620W (upcoming)  | Ax | DXS-1210-10TS/10MP/12SC/12TC/16TC        | Bx |
| DAP-E3620OU (upcoming) | Ax | DMS-1250-10SP/12/12TP/18P/28/28P         | Ax |
| WI-FI 6 ACCESS POINTS  |    | AGGREGATION AND CORE SWITCHES            |    |
| DAP-X3060              | Ax | DMS-3130-30TS/PS                         | Ax |
| DAP-X3060OU            | Ax | DXS-3130-28/28P/32S                      | Ax |
| DAP-X2810              | Ax |                                          |    |

## — NUCLIAS HYPER

# Centralised Core-to-Edge Switch and AP Management

Enterprise management with the DNC-5000 software controller.

Nuclias Hyper is D-Link's enterprise solution for large-scale networks, integrating the DNC-5000 on-premises software controller - comprising both Nuclias Connect and NMS systems - with compatible switches and access points. Purpose-built for large-scale, multi-site enterprise environments, the DNC-5000 can be deployed on preferred hardware and centrally manages up to 2,000 devices spanning core, aggregation and edge switches as well as wireless APs.

**DNC-5000**

On-premises software controller  
Up to 2,000 devices

**DNC-5000****2,000 DEVICES****MULTI-SITE****ON-PREM**

## 01 Key Features

- ✓ DNC-5000 on-premises software controller manages up to 2,000 devices
- ✓ Centralised control of core, aggregation and edge switches plus wireless APs
- ✓ Multi-site management via secure VPN tunnels linking HQ, branches and remote sites
- ✓ Deploy on preferred hardware for flexible, scalable, on-premises management
- ✓ Keeps critical network management activity local for full data privacy
- ✓ sFlow traffic monitoring for real-time analysis and anomaly detection on core switches
- ✓ Role-based administration and advanced VLAN segmentation / access policies
- ✓ Auto RF management and bandwidth optimisation for stable wireless performance

## 02 Where to Use

Designed for large-scale, distributed networks that need enterprise-grade control.

- Enterprise HQ & Branch - centrally manage up to 2,000 devices across sites
- Education (University) - batch-configure thousands of devices across campuses
- Industrial and OT infrastructure needing complex architecture and local control
- Building (High-Rise Community) - secure, filtered networks with on-premises privacy

**Enterprise-Grade Control from Core to Edge**

# Supported Devices

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|------------------------|----|---------------------------------------------|----|
| WI-FI 7 ACCESS POINTS  |    | SMART SWITCHES                              |    |
| DAP-E9560              | Ax | DGS-1100-08PV2/08PLV2/16V2/18PV2/24PV2/24V2 | Ax |
| DAP-E3620 (upcoming)   | Ax | DGS-1210-10P/10MP/20/28/28P/28MP/52/52MP    | Fx |
| DAP-E3620W (upcoming)  | Ax | DXS-1210-10TS/10MP/12SC/12TC/16TC/28S/28T   | Bx |
| DAP-E3620OU (upcoming) | Ax | DGS-1250-28X/28XMP/52X/52XMP                | Ax |
| WI-FI 6 ACCESS POINTS  |    | DMS-1250-10SP/12/12TP/18/28/28P             | Ax |
| DAP-X3060              | Ax | STACKABLE SMART SWITCHES                    |    |
| DAP-X3060OU            | Ax | DGS-1520-28/28MP/52/52MP                    | Ax |
| DAP-X2810              | Ax | DGS-1530-28/28SC/28P/52/52P (soon)          | Ax |
|                        |    | AGGREGATION AND CORE SWITCHES               |    |
|                        |    | DGS-3130-30TS/30S/30PS/54TS/54S/54PS        | Bx |
|                        |    | DMS-3130-30TS/PS                            | Ax |
|                        |    | DXS-3130-28/28P/32S                         | Ax |
|                        |    | DGS-3630-28TC/28SC/28PC/52TC/52PC           | Ax |
|                        |    | DXS-3410-32XY/SY                            | Ax |
|                        |    | DXS-3610-54T/54S                            | Ax |

## — NUCLIAS UNITY

# A Unified Web Portal that Simplifies Advanced Network Management

One cloud dashboard  
for every site, anywhere.

Nuclias Unity is D-Link's single pane of glass for complete, cloud-based network control. It unifies the setup, monitoring and security of every AP and switch from one intuitive dashboard, with a live topology map, one-click centralised configuration, and proactive alerts. Nuclias Unity is built to manage multiple organisations and sites from one place, keeping each cleanly separated - ideal for service providers and multi-site businesses.



CLOUD MANAGED

Cloud management portal  
No on-premises hardware

CLOUD

INFINITE SCALE

MULTI-ORG

NO HARDWARE

## 01 Key Features

- ✓ Single pane of glass cloud management for APs and switches
- ✓ Live network topology map with real-time device and site visibility
- ✓ One-click deployment of consistent configurations across every site
- ✓ Role-based access control with detailed, exportable audit logs
- ✓ Manage multiple organisations and sites from one dashboard, cleanly separated
- ✓ Wi-Fi Planner Pro, flexible multi-SSID, port profile and granular access control
- ✓ Captive portal guest access with built-in rate limiting and traffic isolation
- ✓ Built-in diagnostics: health dashboards, ping, traceroute, remote packet capture
- ✓ Nuclias Unity app for local device discovery and batch onboarding

## 02 Where to Use

Suits organisations wanting centralised, cloud-based control without on-premises hardware.

- F&B - single cafes to chains keep POS and guest Wi-Fi reliable everywhere
- Education - simplify multi-campus configuration and remote diagnostics
- Hospitality - unify AP and switch management with manageable captive portals
- MDU - condominiums and smart buildings get isolated tenant networks
- Retail - consistent POS and Wi-Fi policy across stores
- Enterprise - rapid branch rollout via cloud templates and bulk provisioning

One Cloud Dashboard for Every Site, Anywhere

# Supported Devices

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| DAP-E9560              | Ax | DGS-1100-16V2/18PV2/24PV2/24V2           | Ax |
| DAP-E3620 (upcoming)   | Ax | DXS-1100-10/10P/10TP (upcoming)          | Bx |
| DAP-E3620W (upcoming)  | Ax | DGS-1210-10P/10MP/20/28/28P/28MP/52/52MP | Fx |
| DAP-E3620OU (upcoming) | Ax | DXS-1210-10TS/10MP/12SC/12TC/16TC        | Bx |
| WI-FI 6 ACCESS POINTS  |    | DGS-1250-28X/28XMP/52X/52XMP             | Ax |
| DAP-X3060              | Ax | DMS-1250-10SP/12/12TP/18P/28/28P         | Ax |
| DAP-X3060OU            | Ax | STACKABLE SMART SWITCHES                 |    |
| DAP-X2810              | Ax | DGS-1520-28/28MP/52/52MP                 | Ax |
| ROUTERS                |    | DGS-1530-28/28SC/28P/52/52P (soon)       | Ax |
| SMART OFFICE SERIES    |    | AGGREGATION AND CORE SWITCHES            |    |
| DBR-700                | Ax | DGS-3130-30TS/30S/30PS/54TS/54S/54PS     | Bx |
| DBR-600-P              | Ax | DMS-3130-30TS/PS                         | Ax |
|                        |    | DXS-3130-28/28P/32S                      | Ax |
|                        |    | DGS-3630-28TC/28SC/28PC/52TC/52PC        | Ax |
|                        |    | DXS-3410-32XY/SY                         | Ax |
|                        |    | DXS-3610-54T/54S                         | Ax |

# Contact Us

## Regional Channel Managers

VIC / TAS / SA / WA

**Colin Chamberlain**

0418 345 286

Colin.Chamberlain@dlink.com.au

NSW / ACT

**Will Lalas**

0447 830 846

Will.Lalas@dlink.com.au

QLD / NT

**Bernie Rasenberger**

0403 980 294

Bernie.Rasenberger@dlink.com.au

## Pre-Sales Engineers

VIC / TAS / SA / WA

**Aaron Bilton**

0403 857 007

Aaron.Bilton@dlink.com.au

QLD / NT / NSW / ACT

**Will Lalas**

0447 830 846

Will.Lalas@dlink.com.au

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PARTNER PRIORITY SUPPORT

**1300 558 053**

**dlink.com.au**

**D-Link®**