



## Simple, Affordable, Scalable Cloud Networking Solution

# Why Nuclias for Education

Connectivity to online resources is now a central part of teaching practices, providing a safe and secure network for both students and staff. Deploying these networks at an affordable cost is a key challenge for education IT managers, and without a high performing robust network, valuable teaching time is lost.

### Challenges for education

- Segregating and managing staff, student and guest network access
- Network security and access control
- Limited IT budget and personnel

### What Nuclias offers:

Ideal for schools and higher education with any level of IT resources, Nuclias allows you to quickly and easily set up, configure, monitor, troubleshoot, and manage your wireless and wired network. Wi-Fi coverage and networking capacity are provided by high-performance access points and managed switches that can be rapidly deployed on site, while configuration and ongoing management can be carried out centrally through a web browser or tablet, from anywhere.



Zero-touch deployments body



Auditable change logs



Role-based administration



Authentication via customisable captive portal, 802.1x and RADIUS server



Social login for Wi-Fi access supported



Advanced traffic report and data analysis



Intuitive web-based interface with multilingual support



Automatic monitoring and alerts



Over-the-web firmware upgrades



Searchable network-wide event log



Intuitive VLAN configuration



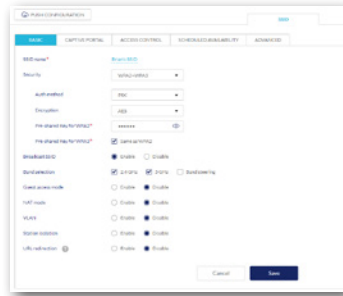
Cloud-based RF Optimisation

# How Nuclias helps address education's network challenges



## Comprehensive Network Management

- Create up to 16 virtual Wi-Fi networks using a single access point.
- Wireless LAN segmentation and client isolation ensure your staff and students' traffic stays separated.
- Wi-Fi scheduling to control when Wi-Fi is available for staff, students or guests.
- Internet bandwidth management for each access point and individual connected devices to guarantee a good level of service.



## Enterprise-Grade Security

- Role and privilege-based access control.
- Access points support WPA and WPA2 encryption with support for a back-end RADIUS server.
- MAC address filtering and wireless LAN segmentation.
- SSID broadcast disabling, and wireless broadcast scheduling to further help protect the wireless network.



## Cost-Effective Centralised Management

- Low initial investment cost.
- Pay-as-you-grow, expand wireless and wired connectivity if or when needed.
- Zero-touch provisioning allows for fast campus-wide deployment.



## Simple, feature-rich cloud networking, as it should be.

- Simple to deploy, easy to maintain, easier to manage
- Efficient centralised cloud-based management
- Unlimited scalability of access points and switches
- High-performance access points and switches



## Smart-Managed Switches

- High port density, up to 48 ports
- Long distance fibre connectivity
- PoE support, up to 370W PoE budget



## Wireless Access Points

- Latest 802.11ac Wave 2 standard
- Simultaneous multi-band support
- MU-MIMO

For more information, visit [www.nuclias.com](http://www.nuclias.com)  
or contact us at [www.nuclias.com/contact](http://www.nuclias.com/contact)

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