

4ipnet[®]

WIRELESS LAN SOLUTION EDUCATION

4ipnet[®]

4ipnet offers organizations affordable, comprehensive and effective WLAN solutions to meet evolving capacity and performance demands while reducing total cost of ownership. Our mission is to strive for excellence in our products while building strong, lifelong relationships with our customers and partners.

☎ Phone : +886-2-27187000

☎ Fax : +886-2-27175070

✉ Email : sales@4ipnet.com

🌐 Website : www.4ipnet.com



Facilitate BYOD & Enrich Smart Learning with Secure, Scalable Wi-Fi

In today's educational environment, Wi-Fi has evolved from a luxury to a necessity due to the ever-increasing number of mobile devices and laptops. Students are relying more and more on these devices to access lecture notes and complete homework assignments, while teachers are beginning to migrate from traditional textbooks to digital teaching materials. However, the proposed transformation of a school's network infrastructure to wireless raises many questions that were unheard of in the era of wired networks. Will confidential materials be exposed? How can students be differentiated from outsiders? Can a student's usage behavior be managed so that they do not visit illegal websites or excessively use P2P software?

4ipnet's wireless LAN solution for education tackles these questions by providing schools with the tools required to guarantee the performance and security of wireless networks, such as enterprise-grade user authentication, role-based user policy enforcement, and an intuitive AP management interface. Furthermore, detailed usage statistics and browsing histories help network administrators monitor for illegal activities, simplifying troubleshooting and maintenance. With 4ipnet's solution, educational institutions are able to provide an efficient and reliable environment for next generation eLearning.



4ipnet's WLAN solution delivers reliable and secure Wi-Fi for HSIA (high speed Internet access) in campus

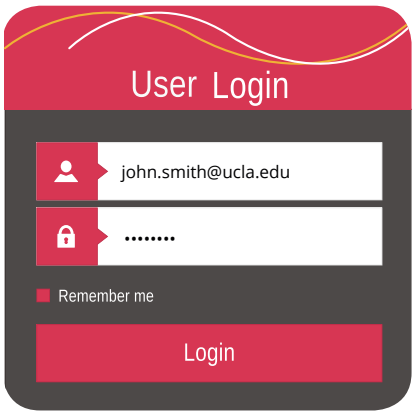


Comprehensive event tracking

In educational institutions with complex and large networks, event tracking for usage compliance or troubleshooting can be especially challenging. To alleviate this, 4ipnet controllers support numerous network logs and reporting mechanisms, such as the HTTP Web Log that records visited website histories of all users. Combined with the NAT Conversion Log, schools can easily trace internal to external network addresses when illegal or suspicious activities are performed. Finally, real-time e-mail notifications ensure that network downtime is minimized.

Flexible Wi-Fi accounts with access policies

Wi-Fi access control is necessary for schools to protect critical network resources and have complete visibility over all users and devices. 4ipnet controllers support both 802.1X and browser-based authentication, utilizing internal or external databases such as RADIUS, POP3, or LDAP. The variety of configuration options available simplifies integration into existing network infrastructure, while also allowing schools to fully customize the user login experience. Specific campus-owned devices such as tablets or laptops can also be configured to ensure that the devices are not used for personal applications. Lastly, role-based user policies and 4ipnet's Service Zone concept provides a simple yet effective method to segregate faculty members, students, and guests into independent networks with unique configuration parameters.

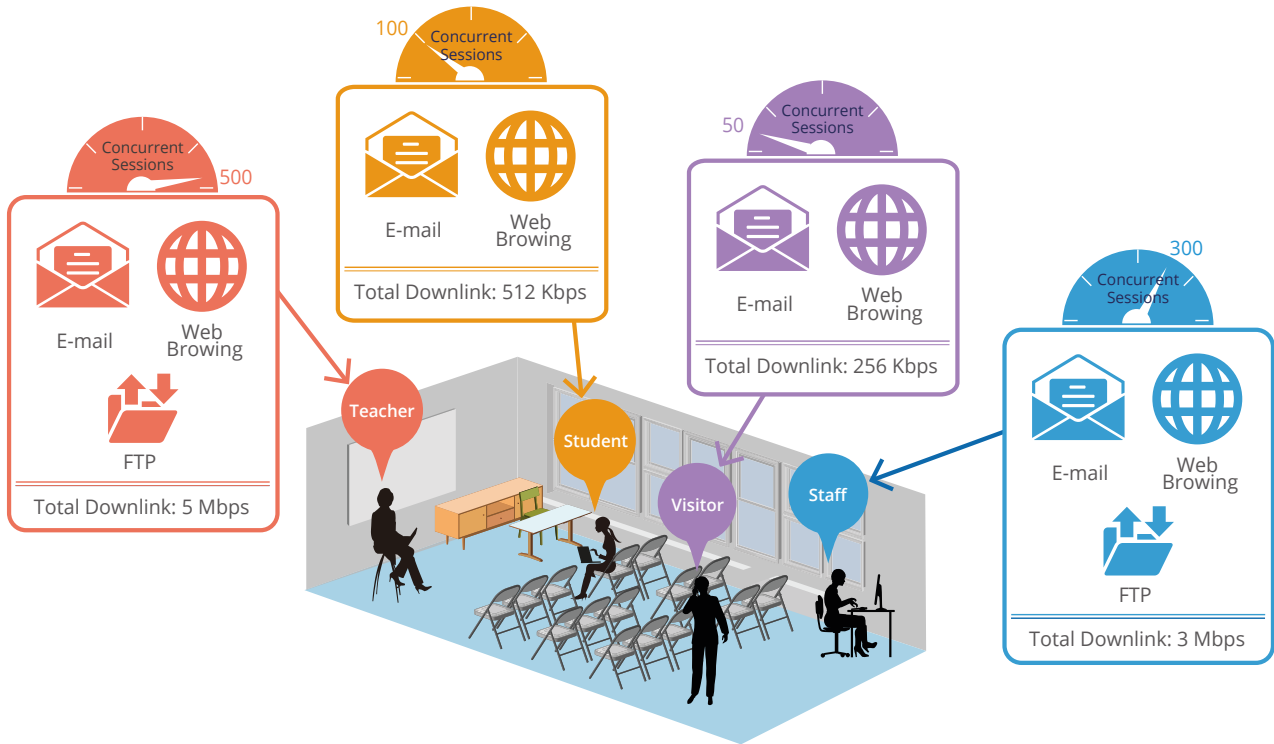


FEATURES & BENEFITS

Simple WLAN management with optimal performance



In a school environment, Wi-Fi performance, security, and reliability are among the major factors that can impact teaching experience and determine whether or not students are learning effectively. 4ipnet's education solution offers advanced features such as Optimal Client Filtering, Airtime Fairness, and 802.1p DSCP traffic prioritization to minimize the fraction of users with poor connectivity. In addition, schools' IT personnel can eliminate many repetitive and cumbersome tasks by utilizing the centralized AP management, automatic AP provisioning, and detailed status monitoring functionality available on 4ipnet controllers.



Assign policies based on each user's "role" to provide differentiated services and security profiles

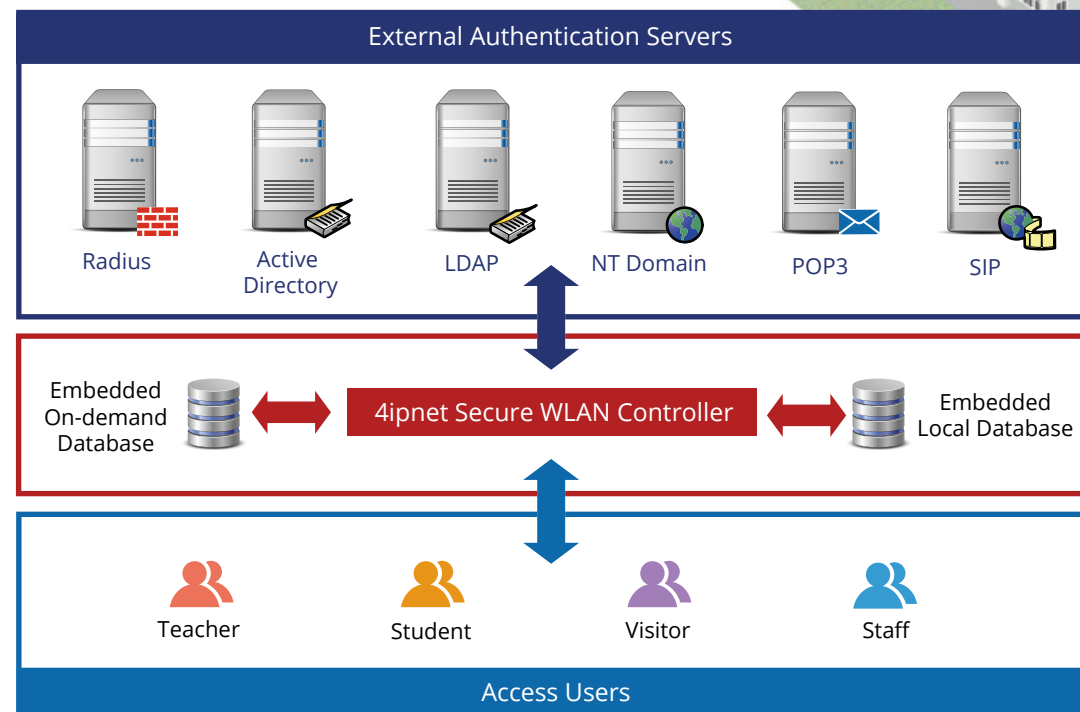
Easy Guest Wi-Fi

In common areas such as campus walkways and guest rooms, visitors can enjoy free login via quick SMS or e-mail authentication provided by 4ipnet's education solution. Guest Wi-Fi utilizes an individual SSID with usage policies that IT administrators define to meet expectations without sacrificing security, privacy, and control.

[Username]
7b69@ondemand
[Password]
89kz
[Quota]
1 min(s) of usage
time and expired
in 2 day(s)

Intelligent Access Control

4ipnet's solution can integrate commonly-used external account databases like RADIUS, LDAP, POP3, and AD (NT Domain). MAC authentication is also available so school-approved devices can easily tap into learning resources without web login. Finally, schools may restrict login hours for different user groups.



"4ipnet's education solution helps schools simplify wireless network management, improve the learning experience of students, and increase the effectiveness of teachers."

Enrich E-Learning

The 1:1 learning initiative is no longer a wish. Using 802.11ac and 4ipnet's advanced wireless technology, mobile teaching reaches even higher standards of video streaming - instant online interaction with minimized network latency

High Density Environments

4ipnet access points include features such as Band Steering, Airtime Fairness, and Optimal Client Filtering, enabling a large number of concurrent users per AP and guaranteeing reliable performance in high density environments such as lecture halls.

Centralized Management

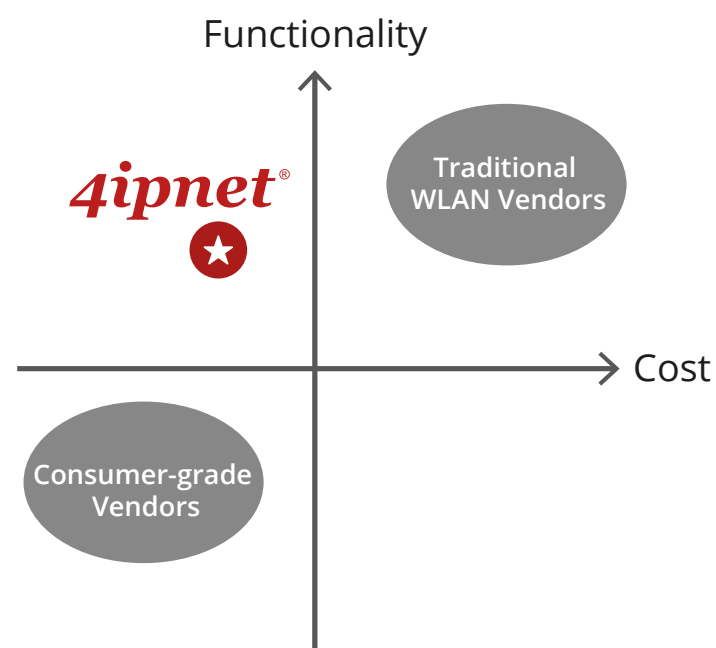
Centralized management of users and APs reduces maintenance effort and costs. Moreover, real-time monitoring and reporting simplifies troubleshooting, allowing school IT personnel to quickly react and debug wireless connectivity issues.

Centralized AP Management

User Policy

Activity Monitoring

*A comprehensive
WLAN solution at an
affordable price*



★ Flexible Deployment

Complete AP product line with various housing designs, antenna types, and mounting options

★ Centralized Management

An easy to operate interface for managing, configuring, and monitoring all users and APs

★ Optimized Mobility

Fast roaming between separate APs across the campus, ensuring uninterrupted connectivity

★ Traffic Prioritization

Support wireless QoS (WMM) to increase the performance of differentiated wireless traffic

★ High density environments

Intelligent load balancing prevents overloading of individual APs, ensuring a high performance wireless environment

★ Enterprise-grade security

Support enterprise-grade authentication and encryption mechanisms to protect critical network resources

★ Wireless Coverage Extension

Wireless bridging enables coverage extension without the need for physical Ethernet cables

OUR SUCCESS STORIES



Education Solution Portfolio

Wireless LAN Controller



WHG-series
supporting from 30 to 1,200
4ipnet APs

Wireless Access Point

EAP701



Indoor single radio 2.4 GHz,
802.11n AP with built-in antennas

EAP727



Indoor dual radio, 2X2:2 802.11ac
AP with built-in antennas

EAP760



Indoor dual radio, 3X3:3 802.11ac
AP with detachable antennas

EAP767



Indoor dual radio, 3X3:3 802.11ac
AP with built-in antennas

OWL530



Outdoor dual-band, 802.11n AP
with multiple operation modes

OWL620



Outdoor dual radio, 802.11n AP
with diverse outdoor applications

Accessories

SW-series
Unified Access Switch



WTG-series
Wireless Ticket Generator

