



Broadband Internet Service Anywhere with State-of-the-art Technology

Designed for hotels, restaurants, coffee houses, public areas and more



Solution Guide

Hospitality

- Complete Solutions
- Comprehensive Offerings from a Single Vendor
- Proven Leading Edge Technology

Why ZyXEL?

- Over 400,000 European companies choose ZyXEL for enterprise solutions
- A history of delivering the finest communications technology available today for business
- Providing customers with the ability to develop their business with industry-leading support



Connecting the Future

Realize your business potential, maximise customer retention and service levels by embracing the latest technology to deliver Internet access with ZyXEL hospitality solutions.

Scalable Solutions for all Types of Hospitality

The hospitality industry includes a vast array of businesses ranging from hotels, leisure centres, theme parks, conference venues, sports stadiums, airports to retail hospitality in the form of bars, restaurants and chains of coffee houses. These businesses are striving to deliver superior levels of service throughout every part of their organization and to maximise how these additional services can create new revenue streams and provide a competitive edge.

From Internet to Triple Play Service

One way to achieve this is to provide broadband Internet connectivity services for customers throughout the business. This is the first step as once deployed, broadband can enable other applications such as Voice over IP (VoIP), Video on Demand (VoD) and video streaming. These applications are already becoming common place and are being deployed in the more innovative hospitality environments.

Customer Satisfaction as a Business Advantage

Offering Internet access increases not only the attractiveness of the business and the satisfaction of the guests. It also represents enormous potential for increased revenue and the marketing of special offers and promotions. With ZyXEL hospitality solutions it is especially easy for hospitality operators that wish to invest in their own system. They become independent and can freely integrate this service into business and marketing activities.

Internet Infrastructure:

- Flexibility and pricing freedom
- Integral Internet service offerings
- No running costs or fees
- Increased attractiveness of business
- Enhanced service for guests
- Simple maintenance and operation by personnel
- Increased marketing potential

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Internet as a Service

In an increasingly competitive marketplace the attraction of new clients and the retention of existing customers is a key. The hospitality solutions from ZyXEL have been designed to grow with your business and can easily respond to your needs.

Increase Customer Loyalty

The hospitality market faces enormous competition. In an age where visitors or travellers can easily visit Web sites to compare offerings, the services organizations provide to customers must stand out from the competition. To increase customer retention and enhance competitive differentiation, hospitality businesses must create a distinctive customer experience.

Attract New Guests

Business and recreational travellers increasingly expect to “stay connected,” thus offering efficient, easy-to-use high-speed Internet access in hospitality locations attracts new

business. Existing customers lodge fewer complaints and experience higher levels of satisfaction and appreciation when easy access to broadband is part of their hospitality experience.

Satisfy Customers without Increasing Costs

Thriving in today’s highly competitive hospitality arena requires a high level of customer satisfaction. Increasingly, customers expect high-speed Internet access as an available amenity. For the hospitality professional, offering this important value-added service must be balanced against total cost of ownership.

What are the Benefits for Hospitality Businesses?

■ **Create Customer Loyalty**

Experiencing secure, always-on and easy-to-use connectivity is a good way to make customers feel way to increase customer satisfaction.

■ **Increase Revenue Opportunities**

A well-designed broadband Internet access solution offers an extensive range of marketing and revenue enhancing opportunities such as:

- In-room revenue
- Meeting room revenue
- Online advertising income
- E-commerce
- Special services such as VoIP, printing online, VoD, etc.

■ **Increase Occupancy**

A complete, easy-to-use broadband Internet infrastructure attracts more customers, increases occupancy rates and enhances perception of the hotel brand.

■ **Offer Robust Security and Regulatory Compliance**

The solution allows authorised users onto the network and keeps data private as it travels through the airwaves. It keeps security threats at bay and enables business to comply with EU Directives.

■ **Improve ROI**


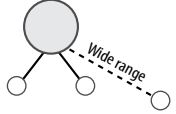
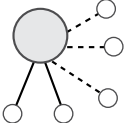
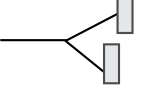

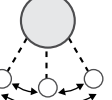
Through feature-rich products, operational simplicity, and flexible architecture, ZyXEL hospitality solutions can help to improve profits and protect investments.

Benefits for Hospitality Resellers

- The Hospitality market has a high growth potential
- ZyXEL offers complete hospitality solutions
- Potential new vertical market for resellers
- Up selling opportunity due to an open architecture
- Quick and easy Hotspot as “door opener” to attract new customers
- Opportunities to add your own service offerings to the solution
- Comprehensive training and marketing support by ZyXEL

Quick Application Finder

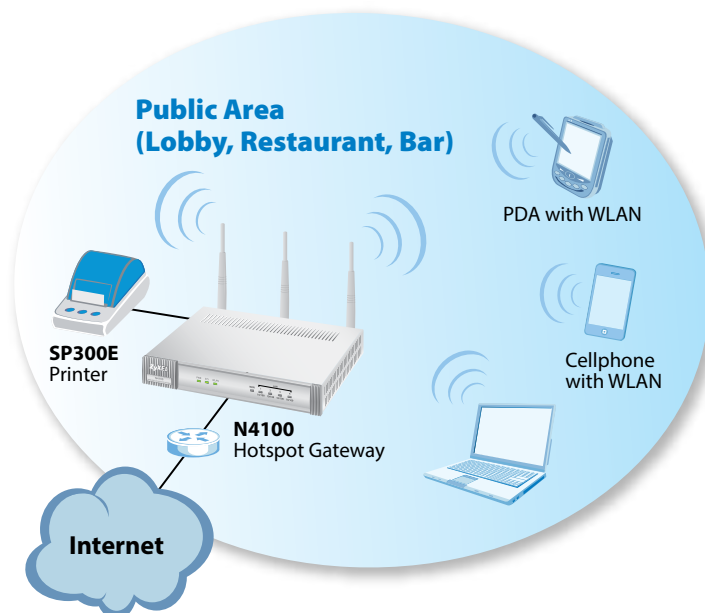
recommended = ★★★★★ standard = ★

Type	Basic	Advanced	Professional	Residential	Exclusive	Prime
Customer's Needs						
Range size of Internet service	Small	Medium	Medium	Medium	Large	Large
Networking specialties in the environment	Single area with Internet access	Options for Internet service extension	Converge the Internet service fee to hotel PMS	Utilize existing ADSL or Ethernet	Multiple connectivities via single console in rooms	Distributed and secured WLAN infrastructure
Features I am looking for	1. Simple steps to provide Internet access 2. Billing system 3. Session trace	1. Options with using WLAN WDS, power line, Ethernet PoE, or electrical wiring to extend the service range 2. Billing system 3. Session trace	1. AAA billing in multiple authentication ways 2. Work with PMS system 3. Session trace	1. Efficient solution 2. Leverage existing telephone wiring or fiber	1. Outstanding WLAN coverage in room 2. SNMP-based centralized WLAN management 3. Billing system 4. Work with PMS system 5. Session trace	1. Centralized WLAN management of up to hundreds of APs 2. Role-based mobile user management 3. Enhanced wireless edge security 4. Session trace
ZyXEL Solution Offerings						
Description	All-in-one solution with low investment barrier to provide your visitors with uncomplicated Internet access	Expanded equipment including security features and additional hardware for multi-sites and outdoors	The complete solution for excellent service in all areas with parallel usage for efficient internal communication	Efficient networking on existing two-wire structures or fiber for large properties and facilities	Superior Wi-Fi surfing experience to guests by integrated wireless and wired connectivity	Role-based user management in optimal 11n WLAN infrastructure across the distributed networks
Topology	Single site 	Multi-site 	Multi-site, large scale 	Buildings  via telephone wiring/ Ethernet Fiber/coaxial cable	Best Wi-Fi coverage 	Free movement with same access right 
Suitable for						
Hotels	Small-sized ★★★★★	Small and medium-sized ★★★★★	Medium and large-sized ★★★★★	Exclusive holiday complexes ★★★★★	Medium and large-sized ★★★★★	Medium and large-sized ★★★★★
Restaurants/Cafés	★★★★★	★	★	★	★	★
Campsites	★★★★★	★★★★★	★★★★★	★	★	★
Gaming	★★★★★	★★★★★	★★★★★	★	★	★
Ferry Transportation	★★★★★	★	★	★	★	★★★★★
Exhibitions	★★★★★	★★★★★	★	★	★	★★★★★
Sports Stadiums	★★★★★	★★★★★	★	★	★	★★★★★
Public Areas	★★★★★	★	★	★	★	★
Clinics	★★★★★	★★★★★	★★★★★	★	★	★★★★★



Basic – Economical Internet Services

The application describes the operation of the ZyXEL all-in-one Hotspot gateways to offer basic Internet access. Laptop computers and Wi-Fi mobile devices can be connected via wireless over a range of 23-100 m. The Hotspot offers billing and authentication of the connection.



This application provides a basic Internet access service, including a billing system and availability of logging of user data.

Suitable for: Small-sized hotels, restaurants, coffee houses, cafés, campsites, gaming, exhibitions, sports stadiums, public areas and clinics.

Performance Features

- Range: 35 - 100 m indoors/100 - 300 m outdoors
- Up to 10 printers can be connected (bar, restaurant, etc.)
- Integrated registration server
- Delivered with the unique SP300E ticket printer for quick hands-on installation
- Can be expanded to the "Advanced"/"Professional" levels
- WLAN standard 802.11 b/g/n 300 Mbps

Benefits for Operators

- Availability of a WLAN Hotspot
- Integrated user registration and invoicing
- Creation of individual invoicing profiles
- Marketing possibilities (portal page, walled garden)
- Free Internet service offerings
- Lowered investment barrier, meaning rapid amortisation with simultaneous offer of affordable usage fees
- No additional hardware required
- No hidden subsequent costs

Benefits for Guests

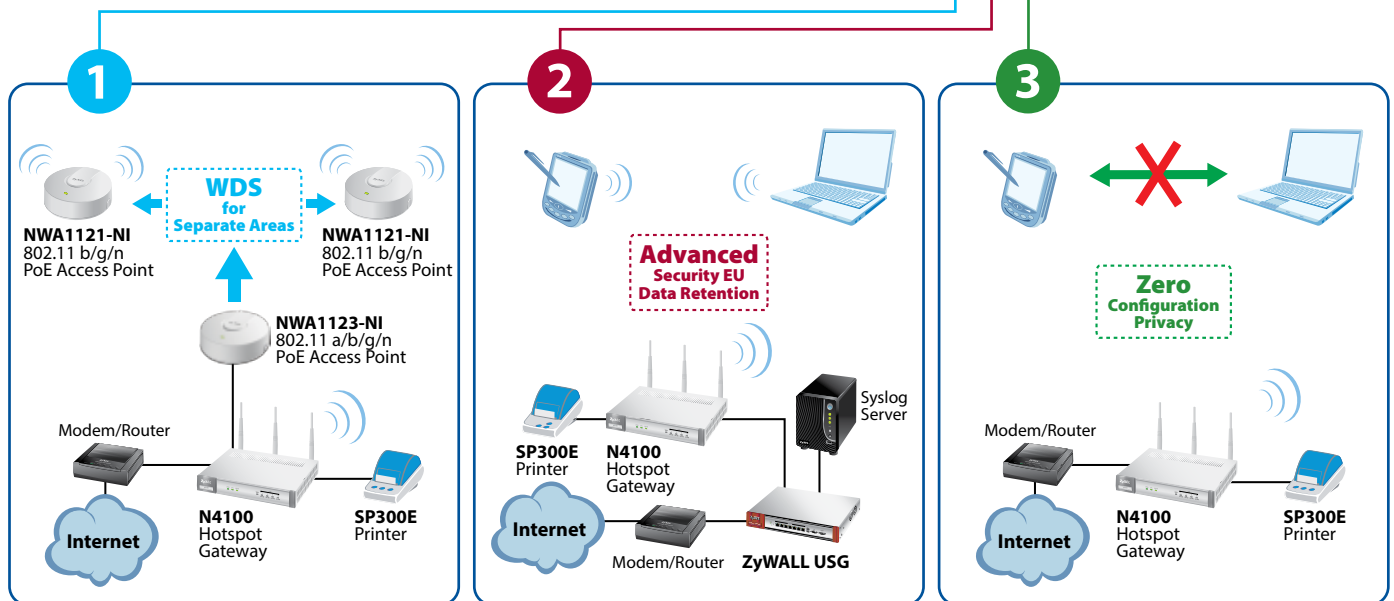
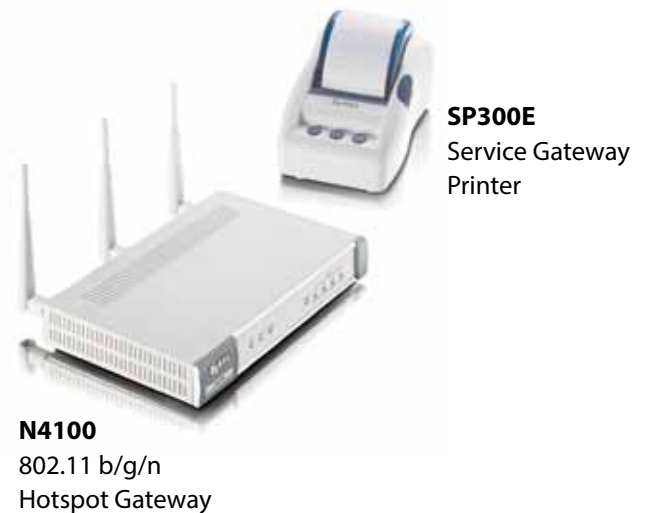
- Internet at all times
- Compatible with commonly used WLAN standards
- Easy registration
- Usage time can be used as desired
- Supports VPN access for business customers

All-in-one Hotspot Gateway

The ZyXEL N4100 is an all-in-one Hotspot gateway providing secure free-of-charge Internet access that conforms to business policies. The N4100 installed along with the SP300E statement printer can instantly generate and print tickets with account, password and pre-configured Internet access hours automatically through just a few button clicks on the SP300E.

Key Features

- Hotspot gateway with thermal printer
- Simultaneous access for up to 200 users
- Web-based user authentication, account monitoring, billing profiles
- No staff training necessary



1 Incorporating a Wireless Distribution System (WDS) for separate areas: Deploying the N4100 using WDS enables the device to function as a wireless network bridge allowing you to wirelessly connect two networks together.

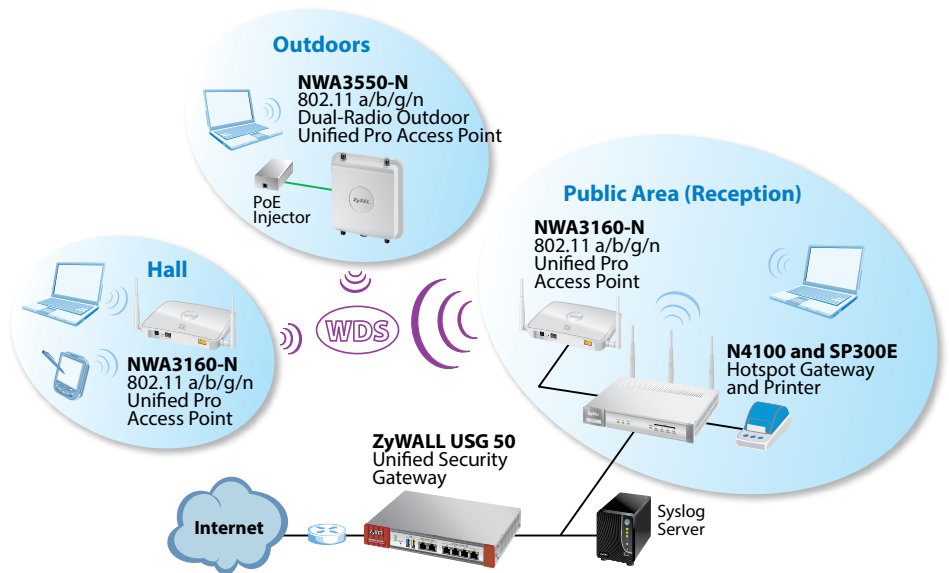
2 Advanced security to help the business to comply with the EU Data Retention Directive: The N4100 supports

sending the session traces directly to a Syslog server, greatly enhancing the logging capabilities.

3 Zero configuration: Whenever a user logs in, the N4100 automatically translates the computer's network settings to provide him with seamless access to the broadband network.

Advanced – Extended Connectivity

The scenario describes the extension of the WLAN range either by a WLAN backbone, Power over Ethernet (PoE) switching or electrical wiring. Such as providing WLAN Internet access in guest rooms and other hotel areas.



This application provides a basic Internet access service, including a billing system and provides possibilities for logging of user data. This offering also offers various options for operators to extend the service range.

Suitable for: Medium-sized hotels, campsites, gaming, exhibitions, sports stadiums and clinics.

Performance Features

- All the performance features of the basic application
- Increased range through additional APs:
 - Distribution over WDS, advantage: no installation of Ethernet cable necessary
- Distribution via PoE, advantage: APs require no power connection
- Distribution via electrical wiring, to allow: usage of the existing electrical wiring for Internet and network services
- Separated WLAN networks for guests and internal usage with multi-SSID-compatible APs
- Firewall security for protection against external intrusions, misuse by guests and for the securing of the company network

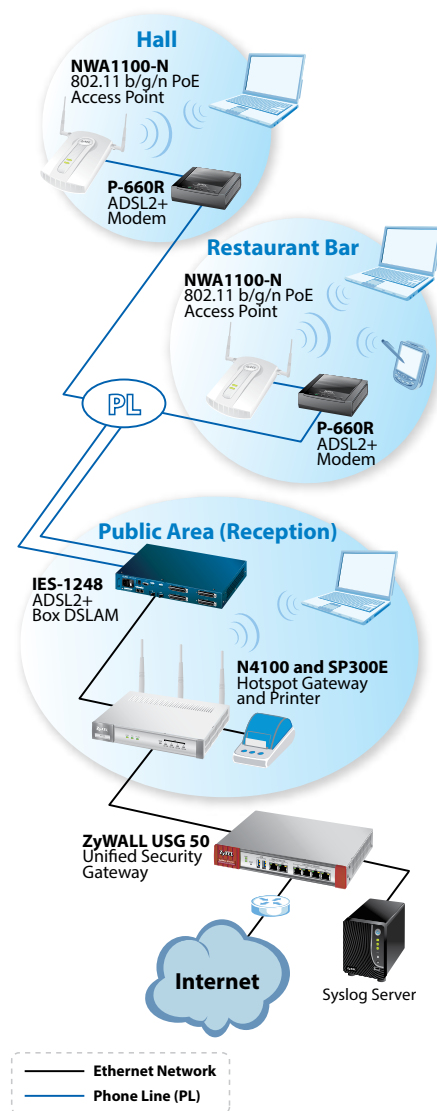
Benefits for Operators

- All the advantages of the basic application – plus:
- Provision of Internet access in any area
- Connection of guest rooms, conference rooms, reception, restaurant and bar
- Assignment of the Internet account to various places with several printers is possible
- Selection of various distribution technologies for an adapted and cost-efficient installation
- Expanded safeguarding of the network with additional firewalls

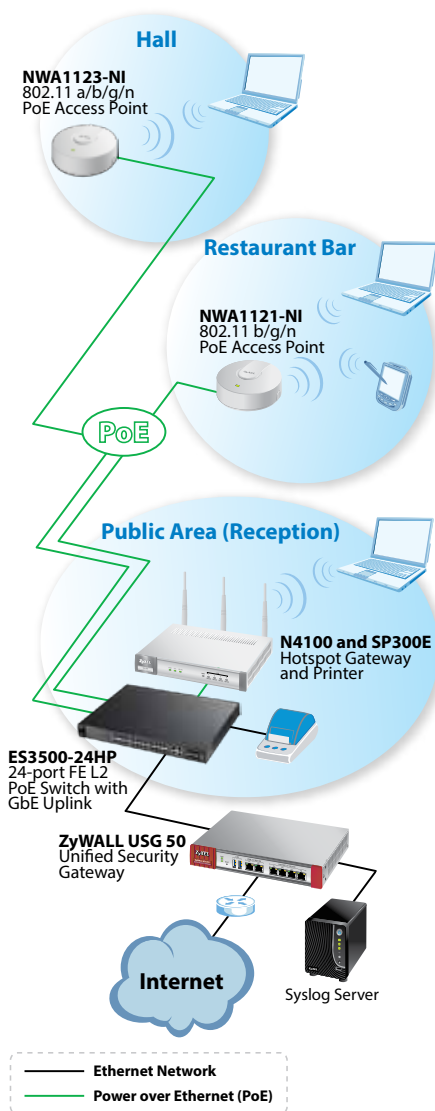
Benefits for Guests

- Easy registration
- Usage time can be used as desired
- Supports VPN clearance for business customers

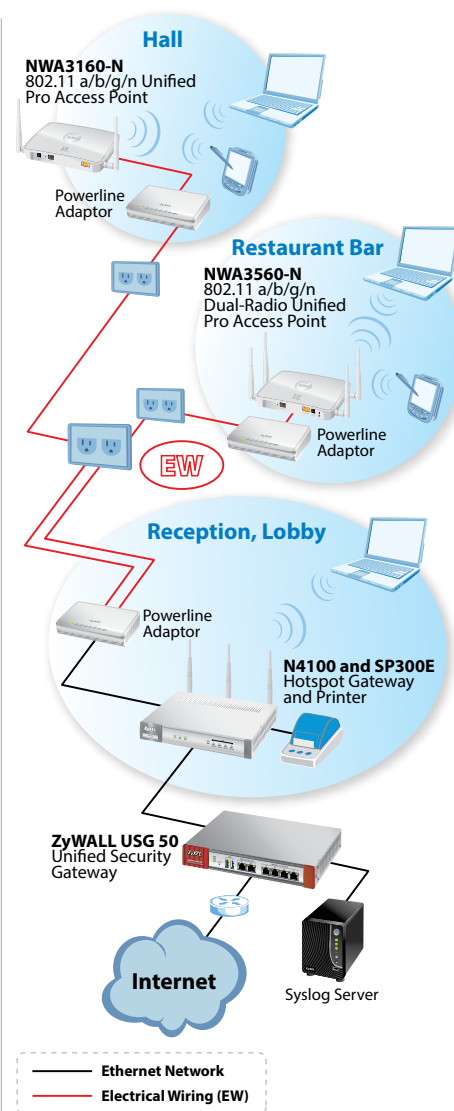
Using existing phone line connectivity for integrated xDSL technology



Using PoE switching for integrated connectivity

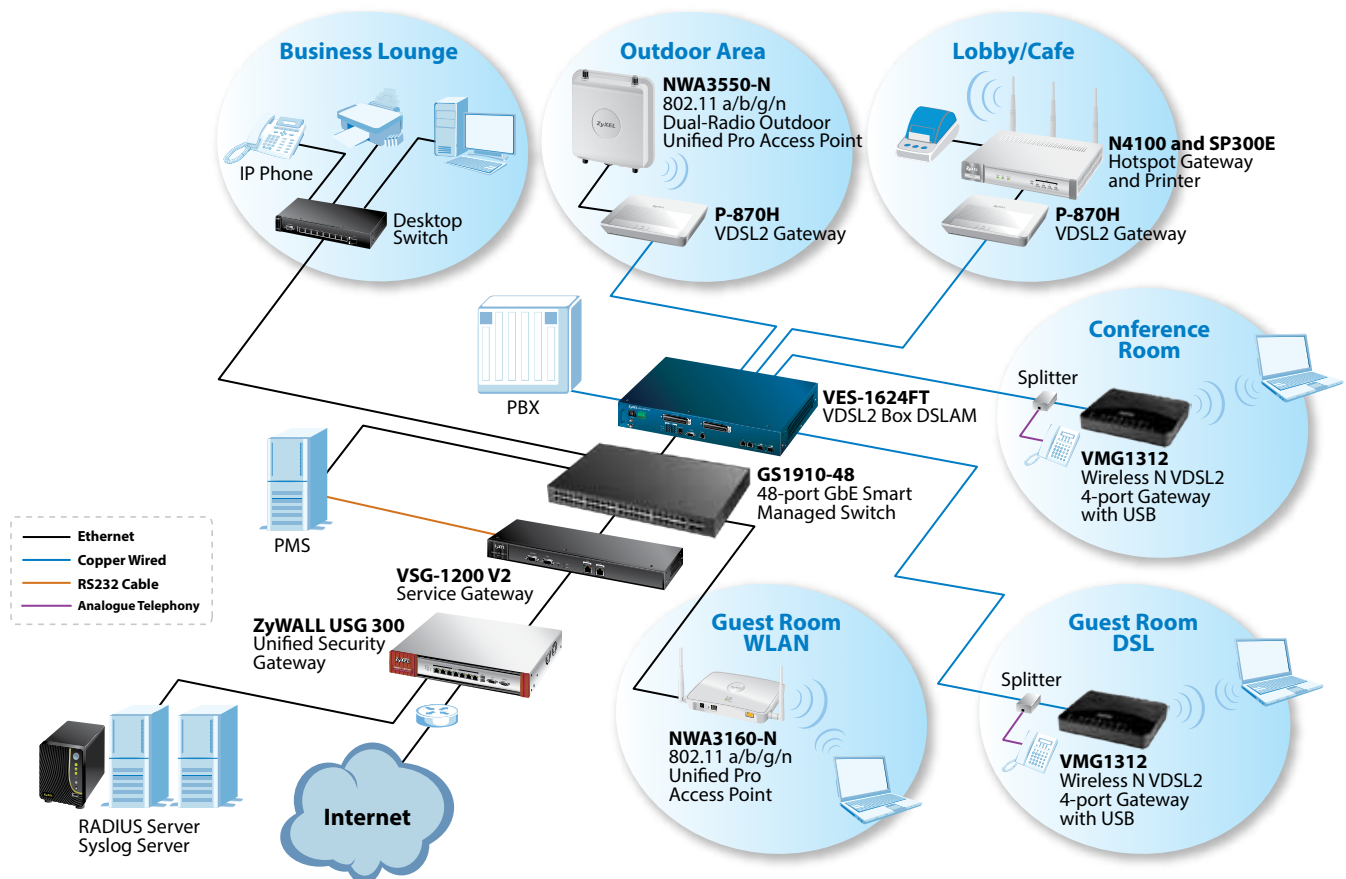


Using Powerline technology for integrated connectivity



Professional – PMS Convergence

The scenario describes how to offer excellent service in all areas with parallel usage for efficient internal communication including integration with hospitality property management systems and syslog servers to offer a fully scalable managed solution.



This application provides a complete solution for excellent Internet service in all areas, including a billing system and possibilities for logging of user data. On top it also supports a connection to the hotel Property Management System (PMS).

Suitable for: Medium-sized hotels, campsites, gaming and clinics.

Performance Features

- High-speed core components for optimal data flow and connection of management systems, media servers and security devices
- Connection to hotel management systems with PMS
- High-speed connection of the rooms with ADSL or VDSL technology
- Sophisticated security services for the most modern network protection and flexible remote access

Benefits for Operators

- Usage of existing wiring structures without reconstruction efforts and expenses
- Provision of a stable, high performance Internet offer with Triple Play services
- Extensive and scaleable integration into existing management systems via a service gateway with a PMS interface
- Intelligent connection and supply of all areas belonging to the hotel complex, even in several buildings

Benefits for Guests

- Convenient Internet access with expanded Triple Play service offer, such as access to various media formats, VoIP usage
- Flexible access from all parts of the hotel (residential) complex

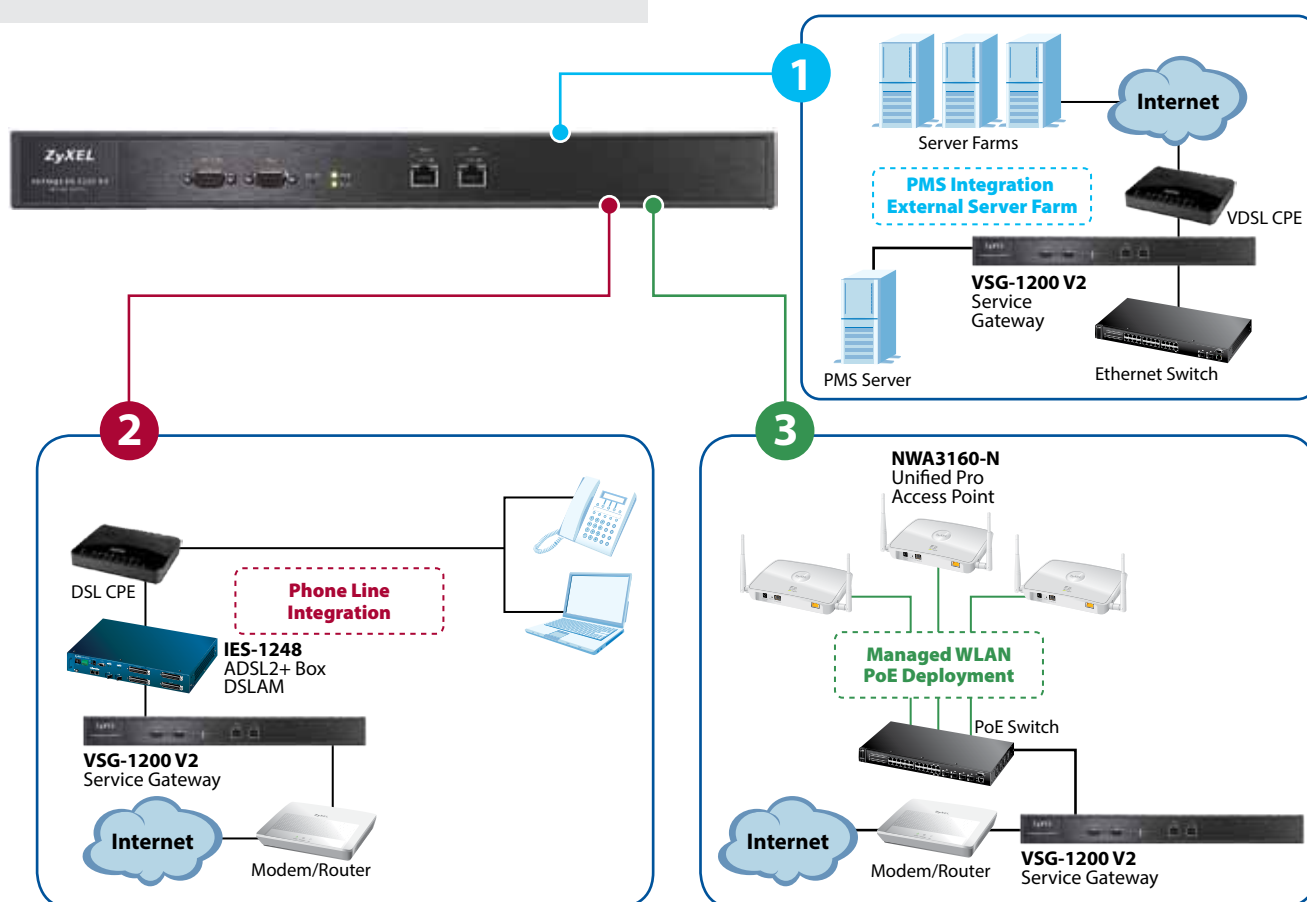
The VSG-1200 V2 Service Gateway is a freestanding or rack-mountable service gateway with a built-in authentication server to provide access the Internet for large hospitality facilities. Its AAA service (Authentication, Authorisation and Accounting) gives service providers an easy way to manage and maintain a large group of subscribers over the Internet.

Key Features

- PMS integration
- RADIUS authentication/accounting
- Time-based billing
- SSL secure user login process
- Simultaneous access for up to 250 users
- 802.1X pass through



VSG-1200 V2
Service Gateway



1 PMS integration external server farm: The VSG-1200 V2 integrates seamlessly with a number of PMS such as MicroFidelio, Marriott and MKII.

2 Phone line integration: It can be integrated with DSLAM and xDSL to connect Internet via telephone wire.

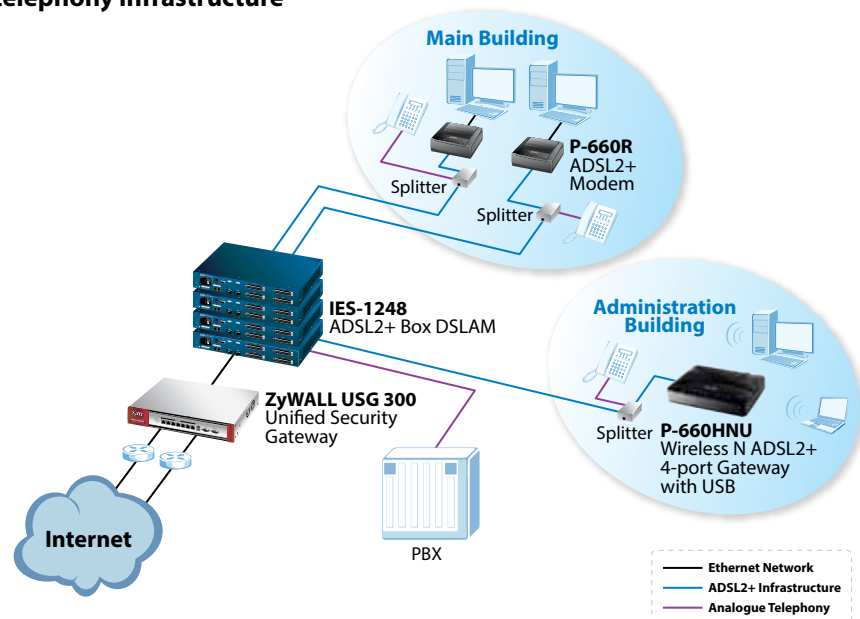
3 Managed WLAN PoE deployment: Devices with PoE supply do not need any additional power supply via power adaptors and they can be positioned everywhere independently from a power source.

Residential – Connecting Buildings

The scenario describes how to offer efficient networking in buildings via existing telephone wiring or by deploying new fiber infrastructure. This helps you economically offer next generation media services.



Using existing analogue telephony infrastructure



This application provides Internet access service, including a billing system and possibilities for logging of user data. Additionally, it is an efficient solution for IP networking over existing telephone lines, coaxial cable and new deployed fiber infrastructure.

Suitable for: Hotels utilising existing telephone wiring, coaxial cable or deploying fiber infrastructure.

Performance Features

- The most modern transmission technologies based on ADSL2+ and VDSL2
- ADSL2+ technology with up to 24 Mbps download and 1.2 Mbps upload for cable lengths of up to 1 km
- VDSL2 technology with symmetrical data transfer of up to 100 Mbps with cable lengths of up to 300 m
- Coaxial cable up to 224 Mbps data rates as distribution backbone
- Coaxial cable up to 65 dB built-in high attenuation to extend transmission distance

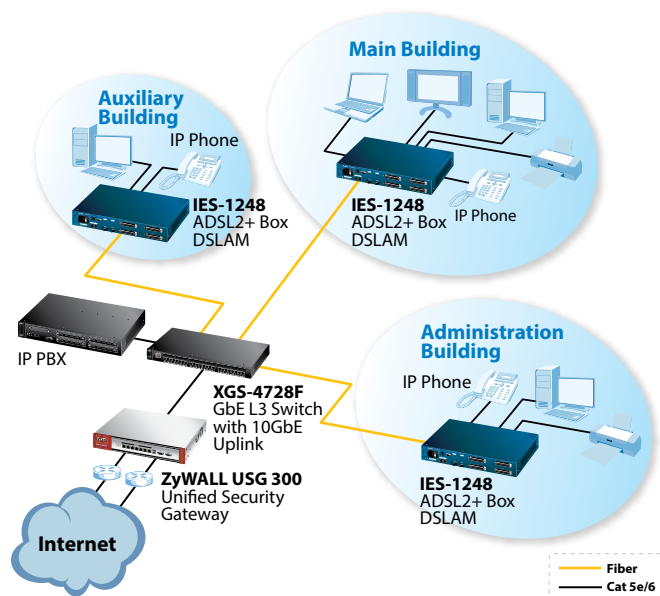
Benefits for Operators

- Professional feed of Internet services on existing telephone wiring
- Ideal for the connection of complexes not requiring management and authentication possibilities
- High performance for large complexes with many residential and room units
- Low maintenance

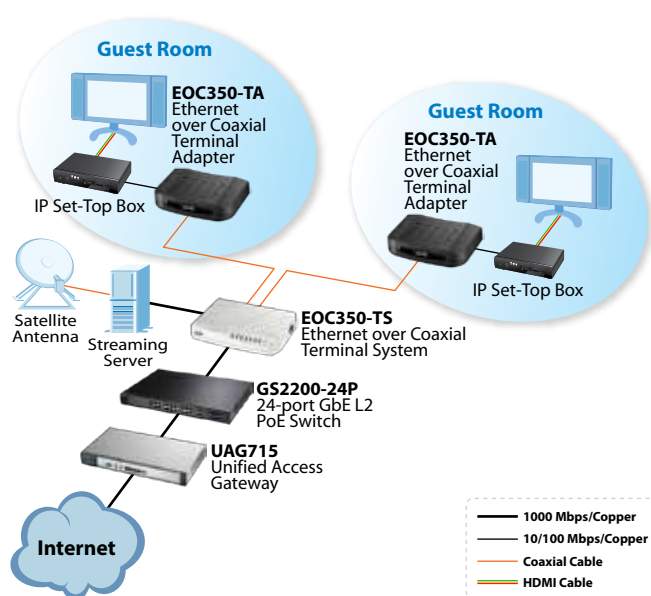
Benefits for Guests

- Professional and high performance Internet access
- Simple usage
- Up to 100 Mbps symmetrical speeds

Using existing fiber infrastructure



Using existing coaxial cable infrastructure



Exclusive – For High Star Hotels

The application describes how to provide a superior Wi-Fi surfing experience to guests by integrating wireless and wired connectivity into a small unit and employing PoE power supply. Furthermore, unified billing profiles are applied to either WLAN usage or wired connection in rooms.



This application provides multiple access connections in every guest room, meeting room and back office for excellent Internet service quality, as well as a billing system with availability of logged user data. It also provides a connection to the hotel PMS.

Suitable for: Medium- to large-sized hotels, guest rooms and conference rooms.

Performance Features

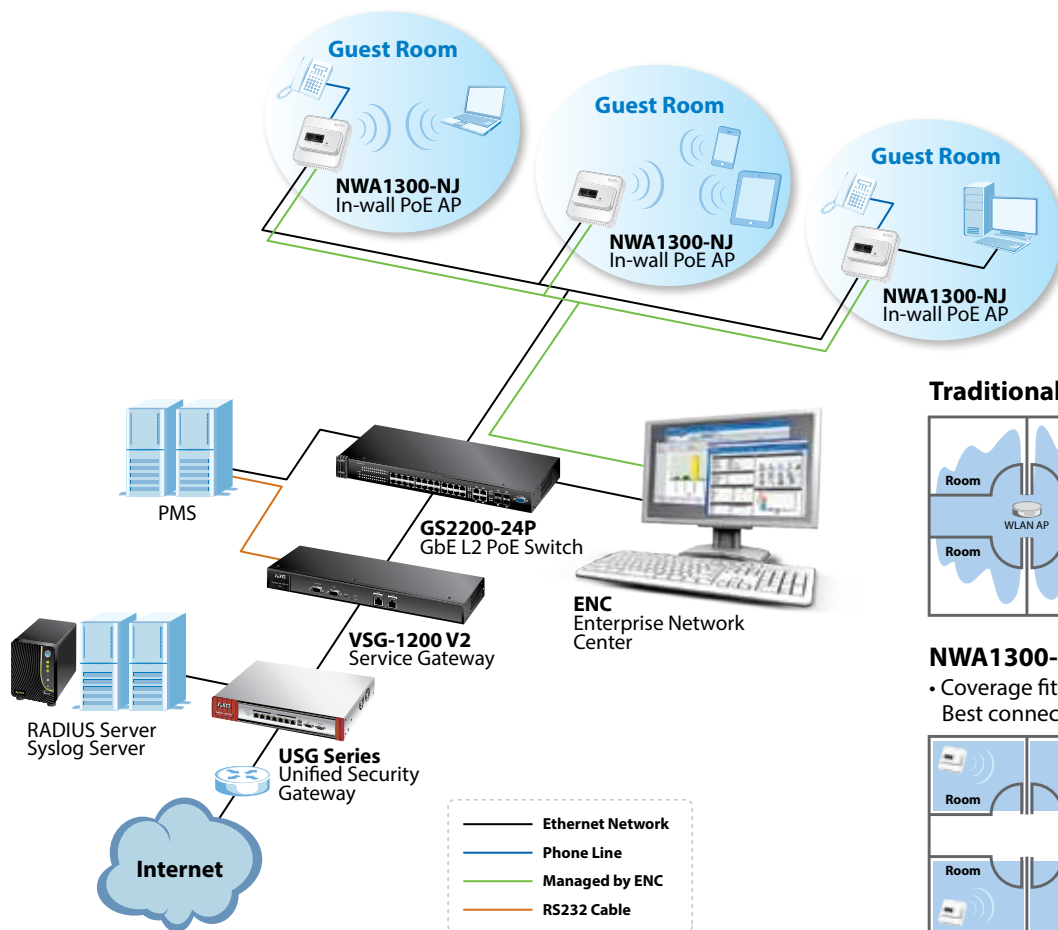
- Compact network device size for embedding into wall boxes
- Multiple access connections — Gigabit Ethernet, Wi-Fi and phone
- High-speed 802.11 b/g/n WLAN to support bandwidth-hogging Web applications
- Electrical outlet design for elegant guest room interior
- Elimination of interference and dead spots in hospitality environments
- Auto discovery, auto provision and centralized WLAN management with Enterprise Network Center (ENC) software

Benefits for Operators

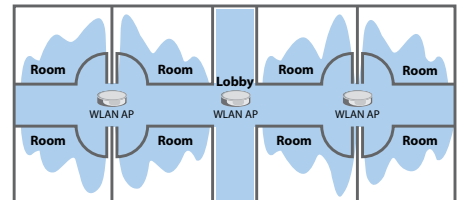
- Provision of stable, high-performance Internet access offers extensive, scalable integration into the existing management systems via a service gateway with a PMS interface
- Good coverage and 11n performance for better customer satisfaction
- The existing wiring structures can be kept to save deployment costs
- Elimination of extensive site surveys, dramatically improved installation process

Benefits for Guests

- Delivered from 3G service with limited bandwidth for multiple mobile devices
- Easy registration and secure surfing experience
- Fast, stable connection with high mobility

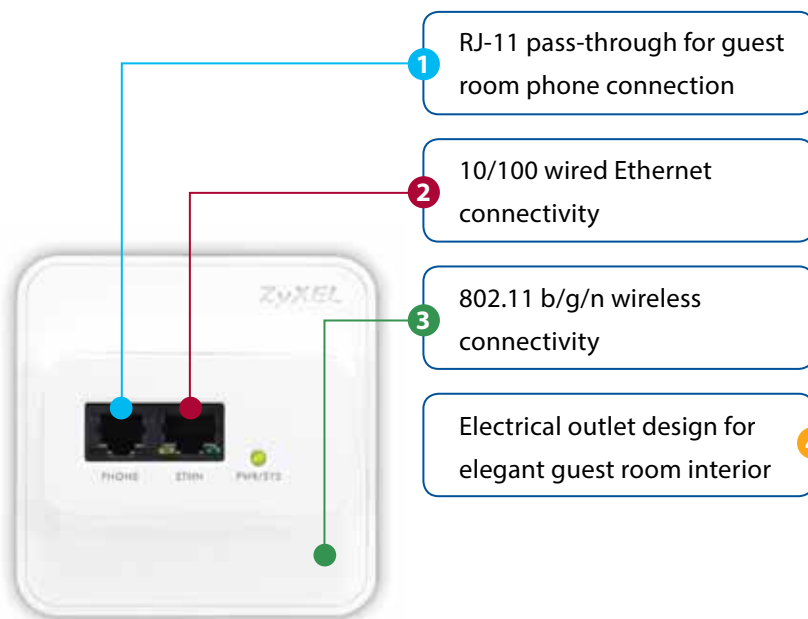
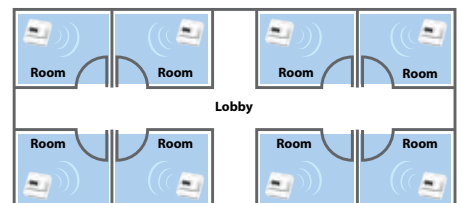


Traditional WiFi deployment



NWA1300-NJ

- Coverage fits in the room
- Best connectivity, least interference.



Guest room

NWA1300-NJ

802.11 b/g/n In-wall
PoE Access Point



Prime – Professional Wireless

The scenario describes how to provide seamless connections with unified access right and advanced centralized application management in distributed hotel buildings. This system delivers not only high-performance 11n wireless connectivity to provide fast, stable mobile access but also enhanced security measures such as Firewall, intrusion detection/prevention and Anti-Virus services to protect hotels from threats incoming via mobile users. In addition, with the scalability of up to 240 managed APs, business owners can better protect the investment as the business grows.

This application provides a seamless Internet access service that includes a billing system with user data logging, and WLAN controllers in conjunction with managed APs. As the number of mobile users increases rapidly, accidental downloads of virus and malware may damage the networking environment of hotels. To address this, the application offers two layers of security protection through the ZyWALL USG Series and NXC5200 Wireless LAN Controller on top of user access control to ensure Internet access security for mobile users.

Suitable for: Medium- to large-sized hotels and resorts advanced security management and sophisticated user role management.

Performance Features

- Centralized WLAN management
- Dual-band radio for 802.11 a/b/g/n WLAN band usage
- Flexibility to support both distributed and tunneled data forwarding
- Secure WLAN encoding with WPA/WPA2
- Separated WLAN networks for guests and internal users with multiple SSID-compatible APs
- Customized captive Web portal for guest networks
- Built-in Firewall, intrusion detection/prevention and Anti-Virus security for protection against external intrusions, guest misuse and all threats to company network security

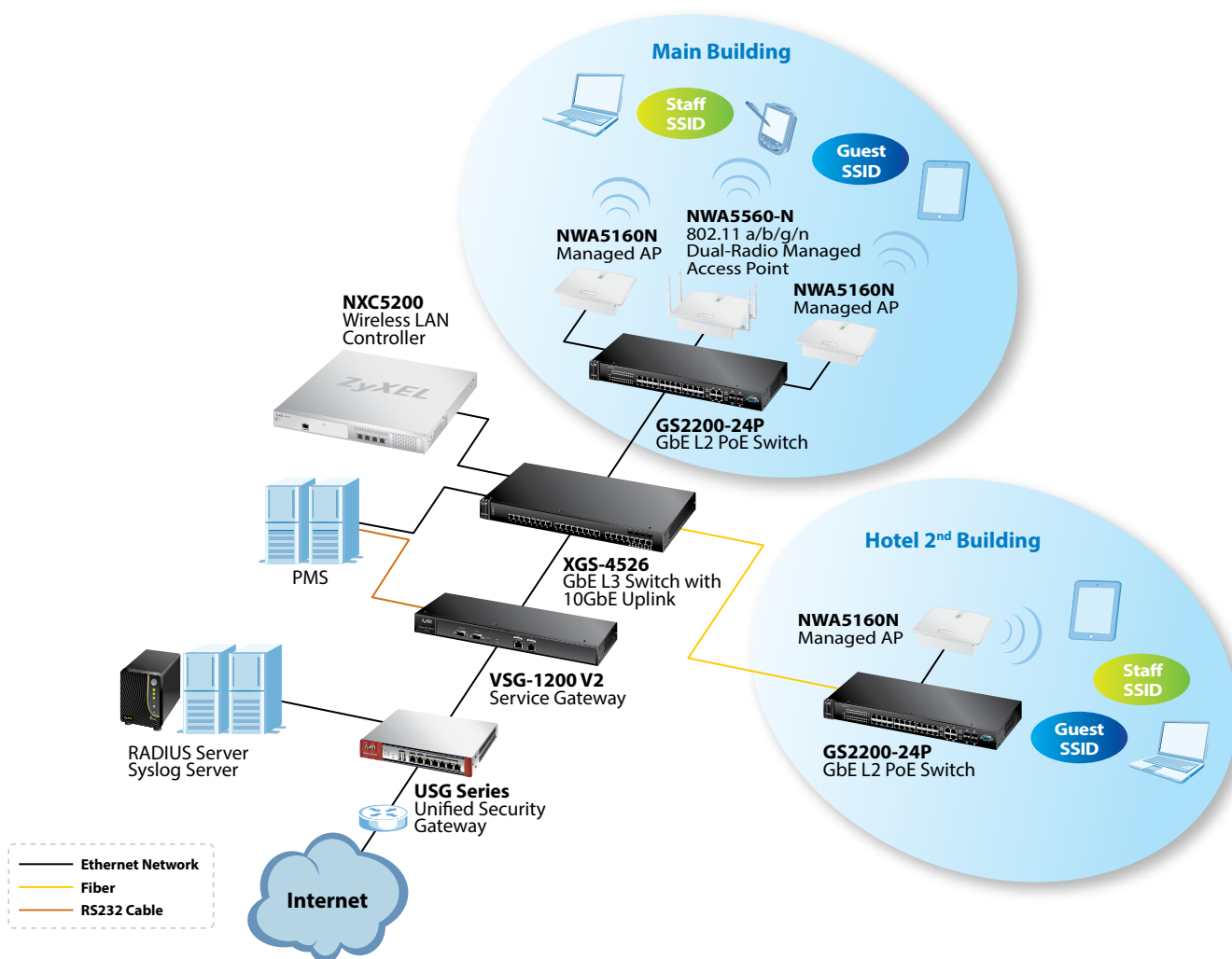


Benefits for Operators

- Special application management for securing distributed hotels/restaurants.
- Minimized change to the existing networking infrastructure
- Easy management with unified access privileges in each location
- Easy installation with Auto-discovery and Auto-provisioning
- Complete AP portfolio to cover different space — single/dual-band and outdoor radio
- Extensive, scalable integration into the existing management systems via a service gateway with a PMS interface

Benefits for Guests

- High-speed mobile network access with protection against threats
- Easy registration and friendly user experience





Products at a Glance

With a hospitality solution, operators can deliver comprehensive services to satisfy customers. ZyXEL offers a range of interoperable products.



NWA1121-NI
802.11 b/g/n PoE Access Point



NWA1123-NI
802.11 a/ b/g/n PoE Access Point



NWA1100-N
802.11 b/g/n PoE Access Point

■ NWA1120 Series

The ZyXEL NWA1120 Series is a standard-based, SNMP-managed 802.11n PoE Access Point (AP) with data rates of up to 300 Mbps per port or up to 600 Mbps of combined dual-band data rates. The embedded antennas of the ceiling-mount AP enable large interior wireless deployments without sacrificing wireless performance.

Key Features

- Compact ceiling-mount design
- Plenum rated with LOSH material
- Coverage-enhancing 11n functions including Low Density Parity Check (LDPC), Maximum Likelihood Demodulation (MLD) and TX Beamforming
- Supports up to 8/16 SSIDs
- Easy to RF planning with the same 2.4 GHz and 5 GHz signal coverage (NWA1123-NI)

■ NWA1100-N

The ZyXEL NWA1100-N is designed for small- and medium-sized businesses to extend the existing wired networks. Featuring PoE support and multiple operating modes to provide the highest flexibility for WLAN deployments.

Key Features

- Easy deployment via multiple operating modes and IEEE 802.3af PoE support
- Multiple 4 SSIDs benefit different service levels
- Certified WPA/WPA2 support for strict network protection
- Comprehensive management solutions that effortlessly merge into the existing network administration system
- Environmental friendly through IEEE 802.11az Energy Efficient Ethernet and WMM Power Saving features



NWA1300-NJ

802.11 b/g/n In-wall PoE Access Point



NWA3160-N

802.11 a/b/g/n Unified Pro Access Point



NWA3560-N

802.11 a/b/g/n Dual-Radio Unified Pro Access Point



NWA3550-N

802.11 a/b/g/n Dual-Radio Outdoor Unified Pro Access Point

■ **NWA1300-NJ**

The ZyXEL NWA1300-NJ can provide a superior Wi-Fi surfing experience by integrating wireless and wired connectivity into a small unit and PoE power supply. The new NWA1300-NJ is capable of replacing traditional network outlet cabling and can be quickly installed discretely into the wall box.

Key Features

- Strongest certified wireless security
- Embedded SISO antenna
- Configurable Low TX power provides suitable coverage and prevents wireless interference
- Central WLAN management with ENC software
- IEEE 802.3af PoE supports easy installation for administrators
- RJ-11 phone line pass-through

■ **NWA3000-N Series**

The NWA3000-N Series AP is a WLAN solution featuring 802.11 a/b/g/n and PoE capabilities. The Series has full flexibility to deploy secure and reliable WLAN networks and is able to manage up to 24 APs and is suitable for companies with 300-500 staffs.

Key Features

- Hybrid AP: Wireless controller, managed access point and access point modes
- Centrally manage, configure, and monitor up to 24 compatible hybrid access points
- Dual-band 802.11 a/g/n
- Enterprise-class security management
- IEEE 802.3af and 802.3at PoE compliant
- Plenum rated housing



NXC5200
Wireless LAN Controller



NWA5160N
802.11 a/b/g/n
Managed Access Point



NWA5550-N
802.11 a/b/g/n Dual-Radio
Outdoor Managed
Access Point



NWA5560-N
802.11 a/b/g/n Dual-Radio
Managed Access Point

■ NXC5200

ZyXEL develops an all-new Wireless LAN Controller Solution comprising of the NXC5200 WLAN Controller and NWA5000-N Series Managed Access Point (AP). The NXC5200 integrates ZyXEL's industry-leading ZyWALL Firewall features, such as Stateful Packet Inspection, to monitor data coming from mobile wireless users while the NWA5000-N Series works in conjunction with NXC5200 to deliver optimized performance and secure network services to remote branches or offices. The NXC5200 controller and NWA5000-N Series APs are ideally suited for advanced service delivery on mission-critical networks.

■ NWA5000-N Series

The NWA5000-N Series includes three models: the dual-band NWA5160N, the dual-band, dual-radio NWA5560-N, and dual-band, outdoor NWA5550-N.

Key Features

- Higher-bandwidth, superior performance with 802.11n
- Manage up to 240 APs with granular access control
- Central WLAN management on both configurations and data
- Flexibility supporting both distributed and tunneled data forwarding
- Strongest standard-based wireless security — WPA/ WPA2 and AES encryption
- Built-in Firewall, wireless intrusion detection, prevention and Anti-Virus
- Web authentication support for guest networks (captive portal)



GS2200-24P
24-port GbE
L2 PoE Switch



PPS250
External PoE Power Supply



ES3500-24HP
24-port FE L2 PoE Switch
with GbE Uplink

■ GS2200-24P & PPS250

The GS2200-24P provides high-performance and secure 100/1000 connectivity, access resiliency and security, as well as Traffic Management and QoS functionalities. Feature-rich and easy-to-use, the GS2200-24P is specially designed for branch offices or SMB users. With PPS250 PoE Power Supply, GS2200-24P offers power budget up to 400 W.

Key Features

- IEEE 802.3af PoE
- 4 dual-personality (RJ-45/SFP) GbE interfaces
- Port security and enhanced 802.1X port authentication
- MAC freeze and intrusion lock
- 8 IEEE 802.1p hardware priority queues

■ ES3500-24HP

The ES3500-24HP supports the IEEE 802.3at PoE Plus standard to ease the installation of powered devices in challenging spaces such as ceilings or walls. The power supply of up to 30 watts per port allows the ES3500-24HP to power PoE-enabled WLAN APs, VoIP phones and IP surveillance cameras through CAT-5 cables of less than 100 meters (300 feet) in length.

Key Features

- 16 K MAC address table
- Policy-based QoS optimizes multi-service quality
- IGMP snooping v1, v2, v3, MVR
- Multilayer (L2/L3/L4) ACL suite for security protection
- High redundancy and resilient architecture with RSTP and port trunking
- IPv6 management support
- IEEE 802.3at PoE Plus standard
- Enhanced energy efficiency with PoE consumption mode



XGS-4728F
24-port GbE L3 Switch
with 10GbE Uplink



XGS-4526
24-port GbE L3 Switch
with 10GbE Uplink



EOC350-TS
Ethernet over Coaxial
Termination System



EOC350-TA
Ethernet over Coaxial
Terminal Adapter

■ XGS4700 Series and XGS4500 Series

The XGS4700 Series and XGS4500 Series complements the network infrastructure of virtualization as both Series deliver not only robust, reliable enterprise-class L2/L3 switch features but are also designed to accomplish high-availability routing for better utilization of network bandwidth.

Key Features

- IPv4/IPv6 routing
- L3 advanced routing protocols, OSPF, DVMRP, VRRP and ECMP
- Multilayer-aware (L2/L3/L4) ACL for security protection and traffic optimization
- Guest VLAN
- IGMP Snooping v1, v2, v3, MVR

■ EOC350 Series

The ZyXEL EOC350 Series is an Ethernet over Coaxial Termination System (TS)/ Terminal Adapter (TA) consisting of the EOC350-TS and EOC350-TA. The EOC350-TS and EOC350-TA through in-building coaxial cable can provide data rates of up to 224 Mbps and use IGMP snooping for easy deployment of smooth IP multicast service to the edge as an ideal choice for designing multimedia service over coaxial network.

Key Features

- Design for high-speed services over coaxial network
- Up to 224 Mbps data rates as distribution backbone over coaxial cable
- Two Gigabit Ethernet ports (EOC350-TS)/two Fast Ethernet ports (EOC350-TA)
- Up to 65 dB built-in high attenuation to extend transmission distance
- DHCP client, option 82 and snooping
- Built-in noise spectrum analyzer
- Support 802.1p QoS and 802.1Q tag VLAN
- IGMP snooping control



ZyWALL USG Series
Unified Security Gateway

■ **ZyWALL USG Series**

The ZyWALL USG Series is the “third generation” ZyWALL featuring an all-new platform. It embodies a Stateful Packet Inspection (SPI) Firewall, Anti-Virus, Intrusion Detection and Prevention (IDP), Content Filtering, Anti-Spam, and VPN (IPSec/SSL/L2TP) in one box. This multilayered security safeguards your network perfectly.

Key Features

- VPN tunnels — for secure remote access
- Firewall — stops attacks and controls traffic
- Bandwidth Management — allows efficient utilisation of bandwidth
- Intrusion Detection Prevention — against attacks from the Web



ENC
Enterprise Network Center

■ **ENC**

The ZyXEL Enterprise Network Center (ENC) is a network management system for centralized management of ZyXEL networking equipment for businesses; it's a comprehensive network management tool that can be quickly installed and easily accessed across the IP networks.

Key Features

- Scalability management up to 2,000 devices
- Network and device auto-discovery
- Firmware upgrade/backup and device configurations
- Performance alerts and monitoring
- ZyXEL switch specialized in RMON management and visual VLAN management
- ZyXEL in-wall AP specialized in detection and provisioning applications (ENC V1.2 and above)

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