



Success Story

The Zone Park Hotel deploys Zyxel Wi-Fi HotSpot Solution with Wide-Reaching Connectivity in India



Hospitality

INDUSTRY



CUSTOMER

Zone Park
Hotel



REGION

South India



SOLUTIONS

Zyxel
Wi-Fi HotSpot
Solution

Overview

Challenges

- Provide secure wireless Internet coverage across 20,000 square-foot indoor space
- Provide uninterrupted, stable, and secure Internet access for all guests and hotel staff
- Improve network infrastructure with desktop access point
- Provide next generation firewall to block specific content & applications and provide security for the network.

Benefits

- Guest account management
- Billing system with SMS ticketing
- Better service delivery
- Achieve better management with new technology
- Flexible future-proof solution
- Reliable and high-quality Wi-Fi accessible to all customers.
- The given solutions compliance with environmental constraints

Solutions

- Unified Security Gateway
- Unified Access Gateway
- 8 Port GbE Unmanaged Switch
- Wireless N300 Access Point

“We were profoundly gratified with the wireless network and the hotspot with security solution provided by Zyxel. Their proficient staff was vital in categorizing the right solution to apt our desires. With their help we were able to overcome many of the distinctive challenges we faced.

With this project Zyxel’s assistance and their solution partner Gallant Infosys’s after sales support has given our staff the assurance to manage our network with absolute ease.”

Navamani. N
IT Manager, Zone Park Hotel

Background

The Zone Park Hotel by The Park Chennai is a unique concept in premium budget and business hotel with luxury elements. The hotel boasts 36 rooms and four suites. Located by The Park property in Chennai's Outer Ring Road area, it is just 15 minutes from the city's international airport.

The hotel amenities include a bar, restaurant, nightclub, The Bazaar all-day dining restaurant, Playa by Zone rooftop restaurant, Urban Spice Box open-air grill, rooftop pool, spa, and fitness center.



Challenges

The wireless hotspot solution has become a prerequisite for doing business, in recent years demand for Internet has increased, especially when users are out of office on business trips. Whenever users stay they require seamless Internet connectivity to complete day to day tasks. Delivering high-quality and secure network-based services to clients and guests is essential to increasing hospitality revenues. Separate

access point for each room is more efficient than share-based wireless connectivity.

With this goal in mind the Zone Park Hotel decided to go with Zyxel's desktop access point (WAP3205) for each room with UAG2100 HotSpot gateways and next-generation firewall connectivity to secure communication.

Solutions and Benefits

The UAG2100 HotSpot gateway was deployed, allowing the hotel to issue a unique code to each customer, which limits the usage as needed.

Voucher codes can be generated and printed out from a thermal printer that is integrated with a specific time-based user profile on the HotSpot. The HotSpot device can also print the user name and password from local printer on the hotel network.

WAP3205 were selected for ubiquitous wireless coverage inside the hotel rooms for uninterrupted performance.

USG100 were selected to secure entire network infrastructure within the HotSpot ZONE. These devices come with a UTM feature to provide security up to the application layer, and reporting services can be enabled to maintain logs.

GS1100-8HP PoE switch was chosen to provide a cost-effective solution for wired connectivity for internal users and power PoE devices such as IP cameras and phones.

Increasing customer loyalty

Virtually everyone today has at least one wireless mobile device, such as smartphones, tablets, and laptop computers. However, yesterday's HotSpot gateways can no longer keep up with the exploding number of wireless mobile devices that require Wi-Fi access. To satisfy this expanding demand, hospitality businesses need a solution that can provide greater Wi-Fi bandwidth, capacity and performance.

Generating revenue

The Zyxel Unified Access Gateway is designed with advanced billing, user authentication, and access control features that help hospitality businesses manage guest accounts, block unauthorized access, and generate revenue with their Internet services. It gives hospitality businesses the flexibility to offer Wi-Fi access as a free, tiered (premium when a purchase is made), or a paid service, depending on the preferred business model.

Products Used

USG100 • Unified Security Gateway



- Robust security without sacrificing performance
- Comprehensive support to Ipv6
- Robust hybrid VPN (IPSec/SSL/2TP)
 - Zero-configuration remote access with EASY VPN
 - Support L2TP VPN on mobile device (iPhone and Android phone)
- ICSA Firewall, IPSec certification
- Content filter stops malware and Web threats
- Powerful Email security
- Non-stop Internet access with multiple WAN and 3G backups

UAG2100 • Unified Access Gateway



SP350E
Service Gateway
Printer

- IEEE 802.11 a/b/g/n dual-radio (2.4 GHz and 5 GHz) design
- Supports 100 concurrent logins by default and up to 200 via license upgrade
- Integrated account generator, Web-based authentication portal and billing system
- Supports external RADIUS servers
- Per account bandwidth management
- Built-in WLAN controller
- Facilitates compliance with data retention regulations
- SP350E Service Gateway Printer enables one-click account and billing generation
- SMS ticketing with ViaNett protocol support

GS1100 Series • 8 Port GbE Unmanaged Switch



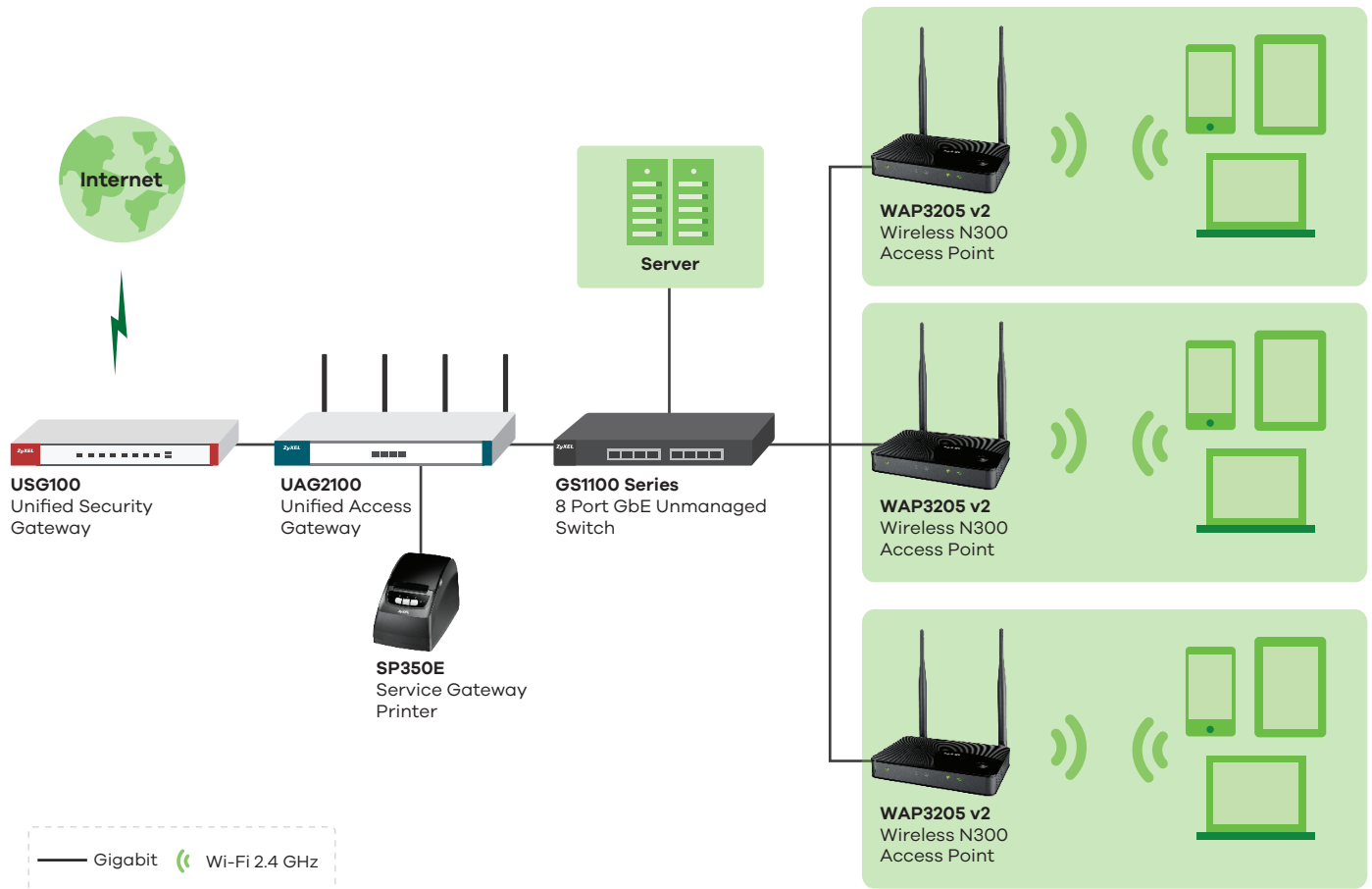
- Non-blocking, wire-speed transmission
- Auto MDI/MDI-X support
- Fanless design for silent operation
- IEEE 802.3x flow control supported
- IEEE 802.1p CoS supported
- IEEE 802.3at PoE Plus standard with 30 W per port

WAP3205 v2 • Wireless N300 Access Point



- 802.11n compliant with data transfer rates of up to 300 Mbps
- Two 5 dBi antennas enhance wireless signals for stable data transmission
- Four operating modes to satisfy different needs for wireless coverage extension
- AP/Universal Repeater/Client mode switch simplifies operating mode setup
- One-touch WPS button for wireless security setup
- Two Ethernet ports for connecting wired devices to wireless networks
- Effortless wireless access control with wireless on/off button
- Environment-friendly LED light on/off button

Diagram



About Zyxel Communications

Focused on innovation and customer-centricity, Zyxel Communications has been connecting people to the Internet for nearly 30 years. Our ability to adapt and innovate with networking technology places us at the forefront of creating connectivity for telcos and service providers, business and home users. Zyxel is building the networks of tomorrow, unlocking potential, and meeting the needs of the modern workplace — powering people at work, life, and play. Zyxel, Your Networking Ally.

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