



Success Story

Boutique Indian Hotel Connects Guests with Zyxel Wireless Network



Hospitality



Hotel Arista



India



Zyxel
Wireless
Solution

Overview

Challenges

- Provide wireless Internet service for hotel guests
- Solution must deliver ample signal strength and coverage throughout hotel
- The hotel requires centralized management to block inappropriate sites and prevent misuse
- Solution must offer necessary features at a reasonable price
- Solution must be scalable and customizable

Benefits

- Excellent ROI and price-performance ratio
- Centralized and simple bandwidth management
- Easy access controls
- Simplified security management
- PoE for flexible deployment
- High-performance signal coverage

Solutions

- 802.11n Ceiling Mount PoE Access Point
- 802.11 a/b/g/n Dual-Radio Ceiling Mount PoE Access Point
- Unified Security Gateway

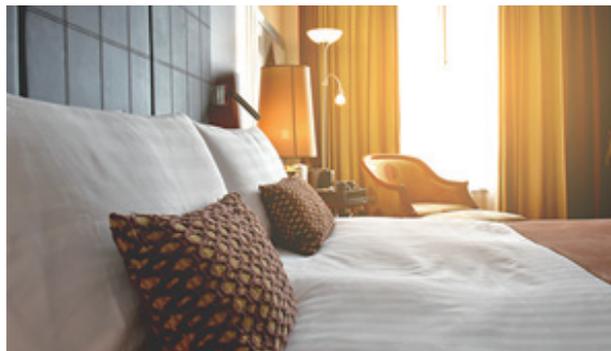
"With this project, Zyxel's assistance and after-sales support has given our staff the confidence to manage our network with absolute ease. We appreciate all team members who are associated this project for their cooperation and support. Our device is working absolutely fine. We are very satisfied with our choice of Zyxel solutions."

Mr. Manjeet Singh
IT Manager, The Arista Hotel

ZYXEL

Background

Established 2017, Hotel Arista is located at junction of National Highway-21 and Airport road Mohali, opposite the North Country Mall in Punjab, India. The hotel is designed with state-of-the-art technologies to ensure minimal environmental impact, while delivering unparalleled comfort to its guests. An urban boutique establishment, the hotel features nine grand deluxe rooms and two luxury suites decorated in the luxury contemporary style.



Challenges

The newly built hotel required a wireless network to provide seamless WiFi Internet service to guests. A primary concern was whether the new network would deliver adequate coverage for the entire hotel premises. The customer also needed the ability to manage available

bandwidth and block access to some sites to avoid misuse of the Internet. Any proposed solution had to provide an excellent return on investment as well as a superior price-performance ratio. Easy management and flexible deployment options would also be a plus.

Solutions and Benefits

Zyxel teamed with local partner Profusion India to carry out the project. The company proposed a solution based on Zyxel Ceiling Mount PoE access points combined with a Zyxel firewall. A product demo was arranged to showcase how the solution would perform in the hotel environment. The customer was immediately pleased with the results and the deployment proceeded.

Profusion India installed NWA1121-NI and NWA 1123-NI dual-radio PoE access points along with a USG 40 unified security gateway. The Ceiling Mount APs provide additional

flexibility when selecting the optimal placement to provide complete signal coverage, while the dual radio design prevents signal loss and dead spots. The USG firewall not only delivers enhanced security, it allows simple centralized management to control bandwidth usage as well as regulate access to specific websites. Zyxel support staff was able to train hotel management on how to get the most out of their new wireless network, while Profusion India was available to deliver additional support should any problems arise.

Products Used

NWA1121-NI • 802.11n Ceiling Mount PoE Access Point



- 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

NWA1123-NI • 802.11 a/b/g/n Dual-Radio Ceiling Mount PoE Access Point



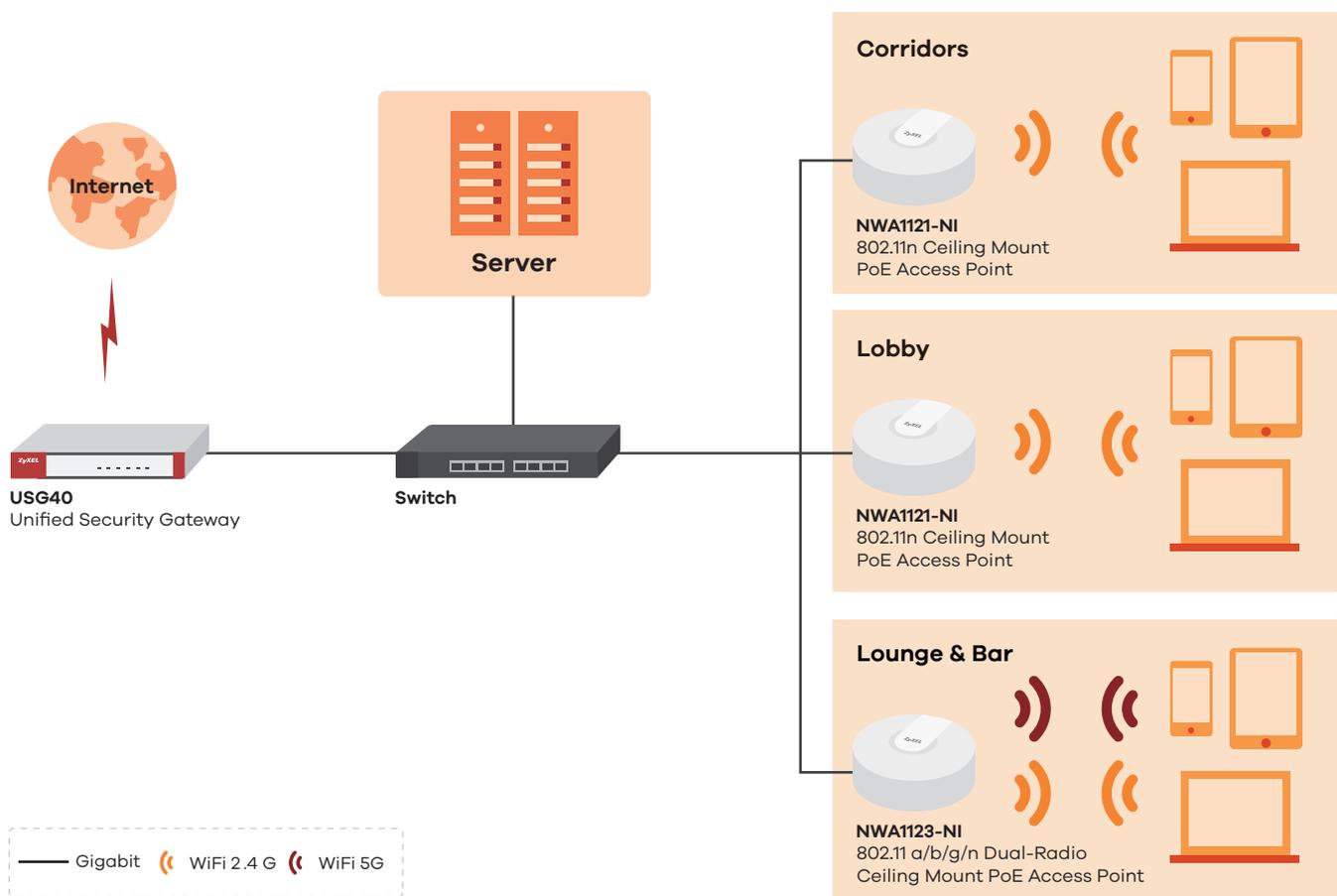
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USG40 • Unified Security Gateway



- All-in-one Next Generation Firewall (NGFW) for small businesses
- Anti-malware protection with firewall, anti-virus, anti-spam, content filtering, IDP, and next-generation application intelligence
- Robust SSL, IPSec and L2TP over IPSec VPN connectivity
- Built-in WLAN controller for centralized management of up to 10 APs

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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