



Success Story

Zyxel Enhances Guest Experience at Grand Artvin Hotel with Wireless Connectivity



Hospitality

INDUSTRY



CUSTOMER

Grand Artvin
Hotel



REGION

Turkey



SOLUTIONS

Zyxel
wireless
solution

Overview

Challenges

- Provide wireless access in difficult setting to multiple rooms across several floors of hotel
- Provide a secure and stable network solution
- Provide hardware to streamline billing and account generation for guests

Benefits

- Rapid deployment and trouble-free communication support thanks to easy installation features
- Quick connections despite high level of access requests
- Stable and fast Internet access
- Simple account generation
- Solution blends with hotel décor

Solutions

- 802.11ac Dual Radio Smart Antenna Access Point
- 802.11 a/b/g/n Dual-Radio Unified Access Point
- Wireless LAN Controller
- 24/48-port Gigabit L2 PoE Switch
- L3 Managed Stackable Gigabit Ethernet Switch

"Grand Artvin Hotel was put into service in 2014, and it is a very important investment for the city of Artvin. Since then, our visitors have been requesting secure and wireless Internet access. Zyxel and its business partner delivered the infrastructure we needed in just two days."

Metin Yandakçi
General Manager, Grand Artvin Hotel

Background

Located in Turkey's scenic northeastern region in the city of Artvin, the Grand Artvin Hotel first opened its doors in 2014. Since then, it has provided travelers and tourists with a wide range of services and accommodations, including spa facilities, meeting rooms, restaurant, and bar. Now, it currently offers wireless Internet service throughout the hotel.



Challenges

Today, everyone from mobile users to business travelers demand fast, stable, and secure Internet connectivity wherever they may be. This demand for ubiquitous connectivity is particularly challenging in buildings like hotels, schools, dormitories, and hospitals where the connection provided must be shared across multiple

rooms, corridors, and among many employees. The network infrastructure under such conditions must be strong and stable to provide a high level of service. Such was the situation facing the Grand Artvin Hotel.

Solutions and Benefits

Although the number of locations and rooms needing service was initially considered to be a problem for a wireless network infrastructure delivering fast connections, this challenge was easily overcome through the quality of technology provided with Zyxel solutions.

Zyxel specialists performed an extensive analysis to determine the data security and interior Internet roaming requirements of the hotel and set up cable networks using high-quality products and end-to-end network solutions provided by Zyxel.

Zyxel partner Ministry Computer Ltd. was the primary contractor, utilizing Zyxel products to complete the project. Hardware included NWA1123AC access points,

which feature smoke detector form factors that blend easily into the building's décor. This makes it possible to discretely deploy multiple APs throughout the hotel to ensure complete signal coverage across all levels and rooms. Stable and secure connectivity was achieved through the use of Zyxel UAG4100 Unified Access Gateway and USG100 Unified Security Gateway. Finally, a SP350E printer was installed to assist with billing and account generation for hotel guests. The entire deployment was completed in just two days. "We want to thank all of our business partners for completing such a comprehensive and successful project in such a short time. We believe that it will be an important step for the tourism industry in our country," said Metin Yandakçi, General Manager at Grand Artvin Hotel.

Products Used

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



- Ceiling-mount design with best interior wireless performance
- High-density with high-quality user experience
- Easy RF planning with same 2.4 GHz and 5 GHz signal coverage
- Multi-operation flexibility and practical business features

UAG4100 • Unified Access Gateway



- IEEE 802.11 a/b/g/n dual-radio (2.4 GHz and 5 GHz) design
- Supports 200 concurrent users by default and up to 300 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 (supports 8 APs by default and up to 16 APs via license upgrade)
- SP350E Service Gateway Printer enables one-click account and billing generation
- SMS ticketing with ViaNett protocol support

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
- Supports L2TP VPN on mobile devices (iPhone and Android phones)
- ICSA Firewall, IPSec certification
- Content filter stops malware and Web threats
- Powerful Email security

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.

Copyright © 2016 ZyXel Communications Corp. All rights reserved. ZyXel, ZyXel logo are registered trademarks of ZyXel Communications Corp. All other brands, product names, or trademarks mentioned are the property of their respective owners. All specifications are subject to change without notice.