



Success Story

Medieval Event Venue Gets Modern Twist with Wireless Internet Solution



Hospitality

INDUSTRY



CUSTOMER

Kaprun Castle



REGION

Germany



SOLUTIONS

Zyxel
wireless
solution

Overview

Challenges

- Provide stable connections for event attendees
- Overcome the challenges from dead zones and signal barriers
- Have a minimal impact on historic venue

Benefits

- High-speed and stable connectivity
- Secure connections
- Hotspots blend into the environment and are easy to set up and remove
- Smart antenna prevents dead spots and signal loss
- No need for additional cabling or wiring that can damage structure

Solutions

- 802.11ac Dual Radio Smart Antenna 2x2 Access Point
- Next Generation Unified Security Gateway -Performance Series

"In order to offer our attendees smooth access to services like Twitter, Facebook, Snapchat, Periscope, YouTube, and so on, we rely heavily on a stable Wi-Fi network, and Zyxel totally delivered."

Rainer Edlinger
Castlecamp organizer

Background

Located in the historic Kaprun Castle in Salzburg, Austria, Castlecamp has been hosting professionals from the e-tourism industry for more than eight years. This year's focus was questions and experiences concerning the management of modern media in tourism.

Challenges

The large number of data-hungry users within the historic walls of Kaprun Castle posed quite a challenge to the organizers of Castlecamp. In total, more than 250 Wi-Fi enabled devices, such as smartphones, tablets, and laptops, needed to be catered to on-site. Rainer Edlinger, organizer and host of Castlecamp, turned to long-standing Zyxel partner Computertechnik Wenger & Partner OG who was entrusted with the task of setting up stable, secure, and fast Internet access for the participants.

Solutions and Benefits

Computertechnik Wenger & Partner OG swiftly equipped the building with a Zyxel USG 40 Next Generation Unified Security Gateway-Performance Series as the gateway linked to three additional Wi-Fi access points from the WAC6500 series Smart Antenna Wi-Fi access point. Thanks to the AP's smart antenna design and load balancing capability, this setup could easily cope with the enormous amount of data and number of devices simultaneously accessing the network.

Michael Haitzmann of Computertechnik Wenger & Partner OG recalls, "Owing to the unbureaucratic support by the Zyxel team, we were able to handle the project to our customer's satisfaction, all with minimum staff deployment on our part. After submitting the technical



requirements for the project to the Zyxel team, our contact person there provided us with a suitable solution in almost no time. We even had the chance to test-run the devices a couple of days ahead of the event."

A wide range of postings and pictures from the event on social media demonstrates the trouble-free operation of the network and the Zyxel Wi-Fi access points.

In fact, many attendees specifically praised the WAC6500 series devices for their extraordinary design and flawless connectivity. After the event, the devices used in this specific solution were easily disassembled without leaving any trace on the building itself, and were ready for immediate reuse at the next event.

WAC6502D-S • 802.11ac Dual Radio Smart Antenna 2x2 Access Point



- Zyxel smart antenna with more than 700 optimized antenna patterns provides breakthrough performance anywhere
- Ideal for high-density and interference-laden indoor environments
- Advanced IEEE 802.11ac offers up to 1.1Gbps combined data rates
- Industry-leading Rx sensitivity as low as -102 dBm
- AP Flex™, DCS and tool-less bracket design streamline deployment
- Zyxel One Network is supported

USG40 • Next Generation Unified Security Gateway-Performance Series



- 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 18 APs

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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