

CASE STUDY

Loop21 Hotspot Software for Greecehotspot (Peloponnese, GR)



In cooperation with its holding company www.funknetz.at GmbH, Loop21 met the challenge to build-up a state-of-the-art wireless network in the touristic areas at the Southern Peloponnes (Pylos / Finikounda, Greece). Loop21 provides the hotspot server software to guarantee that the Internet access for tourists and citizens flows smoothly.



HIGHLIGHTS

- » Market research
- » On-site measurements
- » Wi-fi & frequency planning
- » Promotion support
- » Loop21 hotspot software
- » Prepayment interface
- » Internet login
- » Voucher module
- » Assembly
- » Operations

Overview

First of all, the experienced team did a market research and technical line of sights to decide where the best places for the Internet hotspot are. After having planned the locations of the radio stations, the project "Greecehotspot" proceeded into technical detailed planning. The consulting team made up plans about which equipment to use, regarding the climate, temperatures and humidity situation. For the assembly, the wi-fi specialists decided the specific configurations and did the frequency planning.

In addition to the wi-fi consulting, the project team supported also with sales & marketing know-how. A market research made clear that "Greecehotspot" has to offer two payment options: credit card (realised via a prepayment interface to Paypal) and prepaid cards (sold in local shops). Loop21 also developed the promotion materials for the POS.

Also, a fitting software solution for "Greecehotspot" had to be found. Since prepayment via credit cards and prepaid cards has to be offered, the consulting team decided to use the Loop21 hotspot server software.

The team of Loop21 installed and configured all components on-site and finally took over the operations. Loop21 is also responsible for the remote & software maintenance, 2nd level support and monitoring the hotspot in Greece. These tasks are centralised in the control centre in Austria. For extensions and necessary maintenance measures, the support team also do trips to the sunny place at the Mediterranean sea (and they like it ;-)).

Systems in use

- » Loop21 hotspot system (server and client version)
- » Internet Login and AAA-system (authentication, authorization, accounting)
- » Voucher module & prepayment interface module (Paypal)
- » Backbone management & storage of Internet traffic data
- » Radio links (unlicensed) for last miles in rural and touristic areas & radio stations
- » 1st and 2nd level-support and operations
- » Sales support & advertorial partnership with locals

Assembly in Greece



About us

The company Loop21 Mobile Net GmbH is situated in Austria (Europe) and is a full-owned subsidiary of www.funknetz.at GmbH, which services a range of Internet projects in Europe and abroad, being one of the largest Wireless Internet Service Providers (WISP). Being a mere garage start-up in 1999, the company has developed into a well-established company by now.

By using the fundamental network and infrastructure know-how efficiently, Loop21 is a developer, producer and provider of Wi-Fi hotspot systems. Offering well-developed WIFI hotspot software including location-based services that cover complete areas, the trend of "Wi-fi Internet" is combined with entertainment and infotainment, which is realised step by step in Europe and abroad.

The young and dynamic team services a large number of providers, companies, tourism associations, amusement parks, gastronomy, hotel industry, towns, municipalities and shopping centres worldwide. That shows the intersectoral demand for innovative tools, which improve the customer relationship and guidance.

Offering unique software, experiences in international activities were collected. Loop21 has realised various consulting projects by now. The company convinces with its transnational experiences. Projects in Germany, Italy, the Slovak Republic, Hungary, Kosovo, Greece and Nigeria stand out due to the precise project handling, competence and flexibility.

Contact information

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