WiFi4EU paves the way for the city of Nidda to become a Smart City

"Due to the positive references and the reasonable price-performance ratio, we decided to build a city-wide Wi-Fi infrastructure with the solutions from Cambium Networks. We are thus taking a big step towards the Smart City. "

Kerstin Alt, Economic development, City Marketing, Spa & Tourism of the city of Nidda

Overview

The German city of Nidda has around 18,000 inhabitants spread across 18 districts. In order to improve the quality of life in public spaces, Nidda has decided to set up a comprehensive WLAN infrastructure in the city center, thus enabling free access to the Internet.

The challenge

Nidda applied to the WiFi4EU initiative of the EU Commission. The funding program supports cities and municipalities in Europe in implementing free internet access via hotspots in parks, large squares, public buildings and health centers. When creating the concept, some requirements had to be taken into account, such as monument protection requirements, which only allowed minimal interference with the given infrastructure.

In addition, various Internet access points had to be set in order to be able to equip several locations with free WLAN. There were further requirements for the security settings of the network.

The solution

The city of Nidda chose Cambium Networks, among others due to the positive references and the reasonable price-performance ratio. Cambium partner Chilinet Solutions GmbH installed products for indoor and outdoor use, including 19 cnPilot access points and four ePMP Force radio relay components for two radio links. For easy day-to-day management, those responsible use the central management tool cnMaestro.

Stadt NIDDA
Oberhessen

WiFi4EU paves the way for the city of Nidda to become a Smart City

The results

In about nine months the city of Nidda built up a comprehensive Wi-Fi infrastructure with funds from the WiFi4EU initiative. Whether at the town hall or in the outdoor pool – free Wi-Fi use is now possible at several locations in Nidda. In order to further develop into a modern Smart City, further digital offers are to follow.

Nidda Wifi4u Hotspots

Nidda Outdoor
1. Marktplatz
2. Fußgängerzone
3. Festplatz/Parkplatz
4. Festplatz
5.
Stadtbad Dach Bademeister 1
6.
Stadtbad Dach Bademeister 2
   Nidda Innenstadt
7. Freibad Wallernhausen
   Wallernhausen
   100 M

Nidda Indoor
1. Heimatmuseum
2. Rathaus
3. Bibliothek
4. Bürgerhaus Großer Saal
5. Bürgerhaus Kleiner Saal
6. Bürgerhaus Geiss-Nidda

Bad Salzhausen indoor
1. Justus-von-Liebig Therme
2. Sauna

Bad Salzhausen outdoor
1. Außenbereich Schwimmbad
2. Trinkkurhalle
3. Parksaal
   Unterer Kurpark
   Oberer Kurpark