Cambium Networks™

Heavy Metal meets Easy Wireless: temporary Wi-Fi for Wacken Open Air

Overview

Wacken is one of the best-known music festivals in Germany and, with over 80,000 visitors each year, is even the biggest heavy metal event in the world.

In 2022 and 2023, the organizers of the Wacken Open Air decided to deploy a temporary Wi-Fi network covering the entire festival area. The network was to enable smooth internal communications for the organizers and employees. Furthermore, the VIP and press areas were also to be covered by the network, while the payment and video surveillance systems were to be connected to the network as well.

Wacken Open Air worked together with Business IT Kiel to select a suitable Wi-Fi solution for temporary deployment during the festival. As a Cambium Networks partner, the company recommended the installation of Cambium products.

WIFI SH

W:O:A

The challenge

As a major event lasting several days with over 80,000 visitors, Wacken Open Air requires regular coordination between the organizers and all employees involved. As there is no permanent network infrastructure on the festival site and the cell network is quickly overloaded with so many visitors, a temporary solution must be provided for the duration of the Wacken Open Air. The solution had to be quick and easy to implement for a short period of time and at the same time function reliably and stably. For the internal communication, it was also important that the entire festival site was covered by the Wi-Fi network.

The solution:

A total of 46 Cambium devices was installed for Wacken Open Air 2022 (25 Wi-Fi access points, 11 switches and 10 fixed wireless devices. Access points, switches and fixed wireless was also deployed in 2023.

> 66
>
> **All of our requirements were met,**
>
> we are very satisfied with the products from Cambium Networks. When selecting a solution for the temporary Wi-Fi network at open air festivals, there are numerous requirements that must be fulfilled. In particular, it is important that the products adapt to the current conditions and provide stable connections for many simultaneous users. The devices have helped us to establish rapid connections with fast roaming and high bandwidth. The solutions are stable and equipped with reliable technology. Overall, we can recommend Cambium Network's products without reservation."
>
> *– Dirk Westphal, Managing Director and Owner Business IT Kiel*

The results

The Cambium Network devices installed by Business IT Kiel provided employees, press representatives and VIP guests at Wacken Open Air 2022 and 2023 with a reliable, stable and fast Wi-Fi network with high bandwidth. The cnMaestro management platform also provided a comprehensive overview of all devices and easy administration. In 2023, the payment system and six video surveillance cameras were connected to the Wi-Fi network as well.

About Cambium Networks

Cambium Networks enables service providers, enterprises, industrial organizations, and governments to deliver exceptional digital experiences, and device connectivity, with compelling economics. Our ONE Network platform simplifies management of Cambium Networks' wired and wireless broadband and network edge technologies. Our customers can focus more resources on managing their business rather than the network. We make connectivity that just works.