



Cambium Networks™

CASE STUDY

# WLAN Reinvented: A Game-Changer for Camping Kirchzarten

Camping Kirchzarten, located near Freiburg in Germany's scenic Black Forest, is a premier camping destination renowned for its exceptional guest experience. Recognized as the best campsite in Baden-Württemberg in 2024, the family-run business, led by Jens Ziegler, continually innovates to meet the evolving expectations of its guests. To align with the digital demands of modern campers, Camping Kirchzarten embarked on a comprehensive WLAN upgrade to offer reliable, high-speed internet throughout the site.



GENIAL MEDIA

Alles was Ihr Netz begehrt





## The Challenge

The expansive grounds of Camping Kirchgarten include numerous pitches, holiday homes, and recreational facilities, which presented a significant challenge: delivering consistent and robust Wi-Fi coverage across both indoor and outdoor spaces. Previously, limited network reliability and inadequate bandwidth during peak seasons forced the management to deactivate the existing WLAN system, leading to guest dissatisfaction. The need for a modern, scalable solution capable of supporting high-density usage and seamless roaming was critical to maintaining the site's reputation for exceptional hospitality. This was made possible through our collaboration with Genial Media, one of our key partner in the region.

## Technology Solution

Following a detailed needs analysis, Camping Kirchgarten partnered with Genial-Media GbR, a Cambium Networks Connected Partner Elite, to implement an advanced WLAN infrastructure using Cambium Networks' cutting-edge technology.

Key elements of the solution included:

### 19 Cambium XV2-2T0 Outdoor Access Points:

Designed for wide-area outdoor Wi-Fi coverage.

### 6 Cambium XV2-2X Indoor Access Points:

Ensuring strong indoor connectivity in apartments.

### 2 cnWave V1000 Fixed Wireless Links:

Addressing the lack of fiber connections at key locations.

Additional features included a cloud-based management system powered by cnMaestro, enabling centralized control, maintenance, and performance monitoring. This allowed for automated optimizations, simple scalability, and proactive network issue resolution.

## The Results:

The revamped WLAN system was operational in time for the 2024 camping season, delivering transformative results:

- **Guest Connectivity:** Guests now enjoy high-speed internet with uninterrupted coverage across the entire campsite. The seamless roaming functionality ensures a stable connection while moving throughout the site.
- **Operational Benefits:** Staff processes have been digitized, improving efficiency and reducing administrative overhead. Infrastructure Improvements: The addition of a fiber-optic connection for the 2025 season will further enhance performance. The positive guest feedback began even before the project's completion, with one remarking, "The WLAN is already working better than ever"

With its new infrastructure, Camping Kirchgarten has elevated its guest experience, aligning with the expectations of modern travelers while strengthening its competitive edge in the market. The streamlined, reliable network positions the campsite as a technological leader among hospitality providers, with the scalability to meet future demands. By choosing Cambium Networks, the business gained:

- A future-proof, resilient network infrastructure.
- Reduced operational complexity through centralized management





## ONE Network

The Cambium ONE Network unified platform enabled simplified operations and optimized performance:

- Ease of management: cnMaestro™ provided a single-pane-of-glass management experience, streamlining troubleshooting and policy updates.
- Scalable performance: The network can accommodate increased user demand, supporting the expected growth in tourism and business.

**"It was important for us to find**  
*a solution that met both the needs of our guests and the requirements for a sustainable, future-proof infrastructure. The modernization of the WLAN infrastructure with Cambium has exceeded our expectations, significantly improving internal WLAN coverage. Additionally, the uniform, unobtrusive antennas blend seamlessly with the overall aesthetic of the campsite."*  
 – Jens Ziegler, Managing Director of Camping Kirchzarten



## 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.