

# LANCOM Reference Projects

## Wireless LAN at the 5-star camping site



### Client/Project

The **camping site on the shores of the Hopfensee**, awarded 5 stars and titled Super Camp by the ADAC since 1982, is a family business that goes back more than 50 years. The operators have made it their goal to provide harmonious sporting and leisure activities, peace and relaxation during the summer and winter seasons. All of the plots on the grounds that cover eight hectares on the shores of lake Hopfensee in Ostallgäu are luxury plots that also provide personal Internet access over wireless.

### Idea / Requirements

- **Personal Internet access from every plot** and from the wellness and leisure areas
- **Year-round operation** including winter camping
- **Constant, high-performance connections** even with large numbers of users (restriction to 10 Mbps)
- **Legally compliant operation**

### Solution

- Distribution by **professional wireless infrastructure**
- **WLAN coverage for the entire camping grounds by means of extremely robust outdoor access points**
- Access by means of a customized **hotspot solution with personal login data**
- **Central WLAN management** by WLAN controller

### Advantages

- More convenience for the guests
- **Competitive advantage** for the site owner in a touristic region
- **Easy wireless operation** from mobile clients such as smart phones
- **Economical and secure infrastructure** due to separate virtual WLANs (VLANs)
- **Remote maintenance of the network** by VPN



### Infrastructure

- 9 x LANCOM outdoor access points
- 7 x LANCOM directional antennas
- 1 x LANCOM WLAN controller with Public Spot Option
- 1 x LANCOM sector antenna
- 2 x LANCOM Gigabit switches