

LANCOM Reference Projects

Wireless LAN in the hotel industry



Customer

Optimal conditions for pro and leisure athletes, ideal conditions for conferences, seminars and congresses: Located 35 km south of trade-fair city Cologne, the hotel at the Sportschule Hennef offers its guests everything they need for a pleasant stay. The Sportschule Hennef upgraded its hotspot offerings to include guests. A total of 58 access points provide coverage over 8,000 m² of space. Configuration and administration are handled by a WLAN controller. A content filter protects the network from misuse.

Idea / Requirements

- **Expansion of existing WLAN hotspot** coverage to all buildings
- Simple and efficient **voucher system**
- **Protect the network** from misuse

Solution

- Ca. **8,000 m²** are **covered by WLAN access points**
- **Central management and configuration** of the devices by **WLAN controller**
- Use of the **integrated Public Spot option** and the **automated user voucher creation**
- **Content filter to protect the WLANs** from misuse
- **Segmentation of the physical network** into multiple VLANs

Advantages

- **Additional service offerings for guests** from the new WLAN hotspot solution
- **Quicker processing** of the user vouchers
- **More security for the operator** thanks to the content filter and VLANs



Infrastructure

1 x LANCOM WLC-4025+
WLAN controller with
Public Spot and
Content Filter
options
58 x LANCOM L-321agn
Wireless WLAN access
points

