

# LANCOM Reference Projects

## Wireless LAN at University

### Idea / Requirements

- **Modern, networked working** for students, lecturers and employees
- **Internet access** from all buildings
- Optional **prioritization of applications/data**
- Meet the **highest demands for security**

### Solution

- New building installed with a total of **50 LANCOM high-speed access points** compliant with 802.11n
- Central management of the access points & data prioritization by **WLAN controller**
- Public Internet access for students via **Hotspot**
- Separation of student/staff networks by **VLAN**
- Access control by **RADIUS authentication**

### Advantages

- **Maximum economy:** A single network supports numerous services
- **Maximum security:** Strict data-traffic separation by VLAN, access control by RADIUS, AP identification by digital certificates
- **Top performance** with 300-Mbps WLAN technology
- **Minimal management effort** thanks to automatic administration by WLAN controller



Controller-based high-speed WLAN helps to provide an excellent learning/working environment at the WHU Vallendar.



### Infrastructure

50 LANCOM L-310agn Wireless access points

1 WLC-4025 WLAN controller with WLC 50 Option

1 Public Spot Option for hotspot access



### Customer

The WHU – Otto Beisheim School of Management in Vallendar near Coblenz is a private, state-recognized business school. The excellent standards are held in the highest regard not only by our students, but also by businesses, academics and educators too. WHU is now one of the top schools in Germany and enjoys high international recognition.

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