

# LANCOM Reference Projects

## WLAN in Warehousing and Administration



### Customer

**MOL Logistics** offers its customers worldwide professional logistics solutions. The services include warehousing, distribution centers, air, sea and road transport, terminal services, and container-shipping services. Customers benefit from cost reductions, inventory investment reductions, and a product delivery service adapted to their needs. The new location in Frankfurt operates WLAN for process optimization over approximately 3,500m<sup>2</sup> of logistics and administration space.

### Concept / Requirements

- **Fast planning, implementation and commissioning** of the WLAN at the new location
- **Scalable solution** transferable to other locations
- **More security** for wireless communication

### Solution

- **Planning of the WLAN on the "drawing board"**
- **Placement of WLAN access points** in the warehouse and administration
- **Quickest possible commissioning due to central configuration** by WLAN controller
- **Highest security standards of the components**, (e.g. 802.1X, WPA2, multi-SSID)

### Benefits

- Centralized management via WLAN controller enables **easy expansion to further sites**.
- **Optimization of the overall logistics**
- **Mobile working** for staff and guests on the entire site
- **More performance** through high-speed 802.11n WLAN
- **Secure communication** over WLAN with the highest security standards



### Infrastructure

1 x LANCOM  
4025+ WLAN  
controller

12 x LANCOM  
WLAN access  
points

1 x LANCOM  
Gigabit switch  
GS-1224P

