



Customer

The headquarters of the **MARC O'POLO AG** are located south of Munich in Stephanskirchen. Internationally, approximately 2,476 stores and retail partners are supplied from here. Currently these include 111 of their own stores, 181 franchise stores, and 2,184 retail partners. MARC O'POLO is currently available in about 30 countries. The MARC O'POLO collections are also marketed through their own eShops in Germany, Austria, Belgium, France, Switzerland, Sweden, and the Netherlands.

Concept / Requirements

- Implementation of **stable and future-proof Wi-Fi** in stores
- **Connection of mobile RFID-enabled readers** to the RFID system via Wi-Fi
- **Integration of different applications** into the wireless network (customer Wi-Fi, internal network)

Solution

- **Wall-to-wall W-Fi coverage** in 111 stores with dual-radio 11n WLAN access points offering up to 300 Mbps
- One **WLAN controller per store provides central management** of up to 12 access points
- **Logical separation** of the RFID system, internal network and customer hotspot data traffic by means of VLAN

Benefits

- **Professional components** for maximum availability and stability
- Synthesis of RFID and Wi-Fi improves **mobility and efficiency** in the stores, employees have **more time for the customers**
- Hotspot **improves the customer shopping experience**
- **One wireless infrastructure for multiple applications** (RFID system, customer hotspot, internal network)



Infrastructure

ca. 300 x access point
LANCOM
L-322agn dual Wireless

ca. 130 x WLAN
controller
LANCOM WLC-4006+

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