



Customer

The Blokker Holding B.V. is the largest non-food retailer in the Netherlands. The company was founded in 1896 and sells household and lifestyle goods, as well as toys. Operating ten different retail concepts, the company employs some 21,000 employees in more than 2,200 branches in eight countries. The brands maintained by the holding company include Blokker, Xenos, Leen Bakker, Intertoys, Bart Smit, Toys XL, Maxi Toys, Big Bazar, Marskramer and Cook&Co.

Idea / Requirement

- **“Physically” separate wireless networks** for internal use (hand scanners) and customers (and third-parties) via one access point
- **Centralized management** of all components in the wireless network
- **Support of technologies** such as Bluetooth Low Energy (BLE) and electronic shelf labeling (ESL) **for seamless integration** into the network

Solution

- **LANCOM dual-radio access points** were used to **separate the company from the customer network** by connecting each radio module to its own dedicated Ethernet port (**unique in the industry**)
- **Centralized configuration and management** of all access points via **clustered WLAN controllers**

Benefits

- **Improved security for the company network** by separating it from the customer network
- **Flexibility and future-proofing of the solution** with access points that support the latest technologies such as BLE and ESL
- **Easy expansion and configuration** of existing and new WLAN implementations by means of WLAN controllers



Infrastructure

3 x LANCOM WLC-4100 WLAN controllers
 ca. 1,500 x LANCOM L-322agn Wireless access points
 250 x LANCOM LN-830E access points
 LANCOM Public Spot option
 Further expansion planned

blokker.