LANCOM Reference Projects – Fast ac Wi-Fi for Events and Conferences at the GDI

Customer
Since its inception in 1963, the Gottlieb Duttweiler Institute (GDI) near Lake Zürich has entertained leading thinkers and decision makers to promote new thoughts and innovative ideas in the fields of the social and economic sciences. The GDI is dedicated primarily to issues of trade and consumption. The Institute also offers events on current topics to wider audiences and rents-out its facilities and infrastructure for business or private events.

Concept / Requirements
- Improve Wi-Fi performance and range
- Scalability of the different networks for various requirements
- Operational reliability and availability even with large numbers of clients

Solution
- Different SSIDs for separately-run Wi-Fi networks for each of the individual meeting and conference rooms
- Optimal coverage with just 30 Wi-Fi access points over several levels and 20 different rooms over an area of approximately 2,000 square meters
- Easy administration thanks to the centralized management and configurable network infrastructure by means of a Wireless controller

Benefits
- Simplified administration thanks to the central switching platform
- Future proof thanks to controller-based high-speed dual-band access points as per IEEE 802.11ac
- Stable and highly available Wi-Fi for up to 300 clients at once

Infrastructure
- 1 x LANCOM WLC-4025+
- 15 x LANCOM L-1302acn dual Wireless
- 12 x LANCOM L-1310acn dual Wireless
- 1 x LANCOM L-322agn dual Wireless
- 2 x LANCOM GS-2326P
- 1 x LANCOM GS-2310P