

# Hagebyen WiFi project

Delivering premium WiFi

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# Background

Developer receives numerous complaints from buyers of high-end apartments.

Developer never promised WLAN – buyers don't care, expect full coverage

Developer contacts Eye Networks to solve WiFi issues in 100 multi-story apartments.

# Coverage: Before



# Planning



- › Get Netel to help
- › Train installers
- › On-site verification
- › Technical stand-by

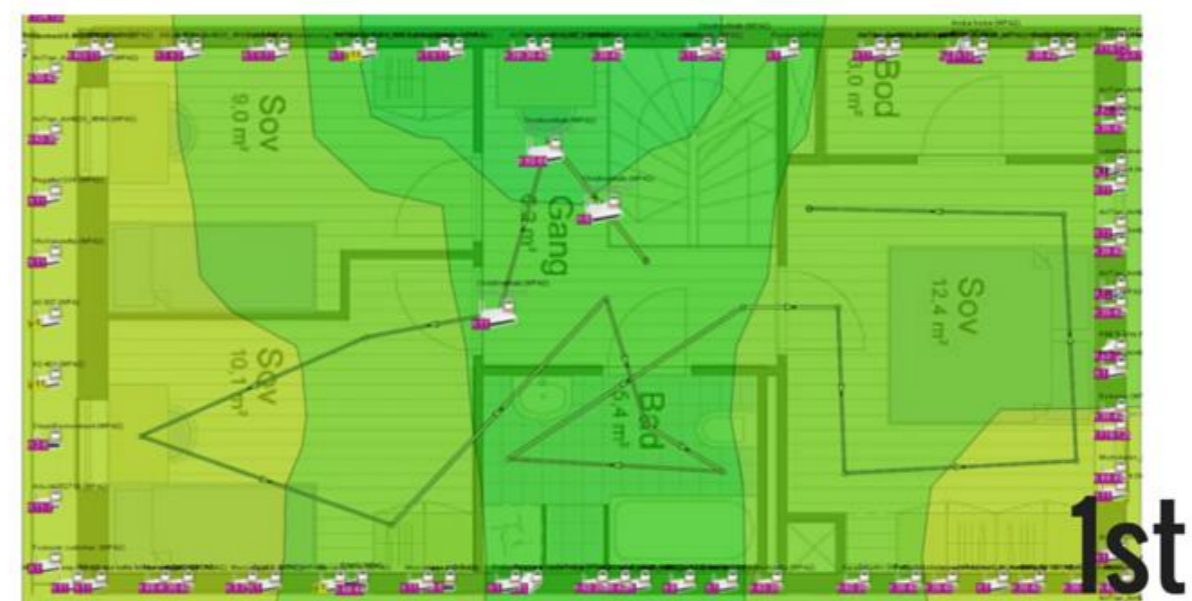
# Deployment

- › 2 and 3 story apartments
- › 2 installers from Netel doing 10 installations each, per day
- › 3 AirTies units in every apartment, 1 per floor
- › Disabled WiFi in ISP router
- › Verified with speedtest

# Coverage: Before



# Coverage: With Air 4920



# Follow-up and feedback

- › 5 complaints after installation:
  - › 1 used defective ethernet cable
  - › 1 had configured 1 AP out of the mesh
  - › 1 had 2 Mbps Internet connection
  - › 2 had poor coverage
    - › Moved AP after installation = solved

# Other observations

- › New apartments have pre-fabricated bathroom with steel sheets—in effect, Faraday cages, very tough to pass through.
- › New apartments have stronger/double-width floors, also tough to pass through.
- › Only central apartments use DFS channels.
- › Complaints on lack of info pre deployment.



*“Wireless works everywhere now, even in the garden and when moving between floors. We haven’t had a single piece of negative feedback. It’s on an entirely different level. What we have now, works really well.”*

Christian Hiorth, resident and head of the Hagebyen 1 housing cooperative