

OCCUPATION AND UTILIZATION OF BUILDINGS AND SPACES



A building that improves on its people's insights
That's smart!

Presentation summary

- 12CU SmartSpace solutions
- Offer 12CU
- WiFi as a measuring tool
- Our software
- Our dashboards
- Space Management Dashboard
- Group Management Dashboard

12CU SmartSpace solutions

What we do

- Analyze and visualize the utilization and occupancy rate of buildings and spaces
- Realtime and historical based on user presence on the WiFi network and/or sensors
- Reliable (management) information
- Optimize space use
- Reduction in housing, energy and service costs up to 30%
- Increase the potential of employees through insight into building use

Offer 12CU

- Same data, multiple output options
- Flexible solutions
- In the cloud and on-premise
- Low implementation costs and quickly implementable on the current WiFi network
- 98% accurate
- Completely anonymous data (GDPR-proof)
- Insight into group, team and department characteristics





WIFI measures well in larger spaces

AND BY TIME MEASURES BETTER IN SMALLER SPACES..

Wi-Fi suppliers, like Cisco and HP, have made a lot of progress in recent years in accurately measuring people at a specific location; for example in small spaces.



Rabobank

**Insight into
building usage**

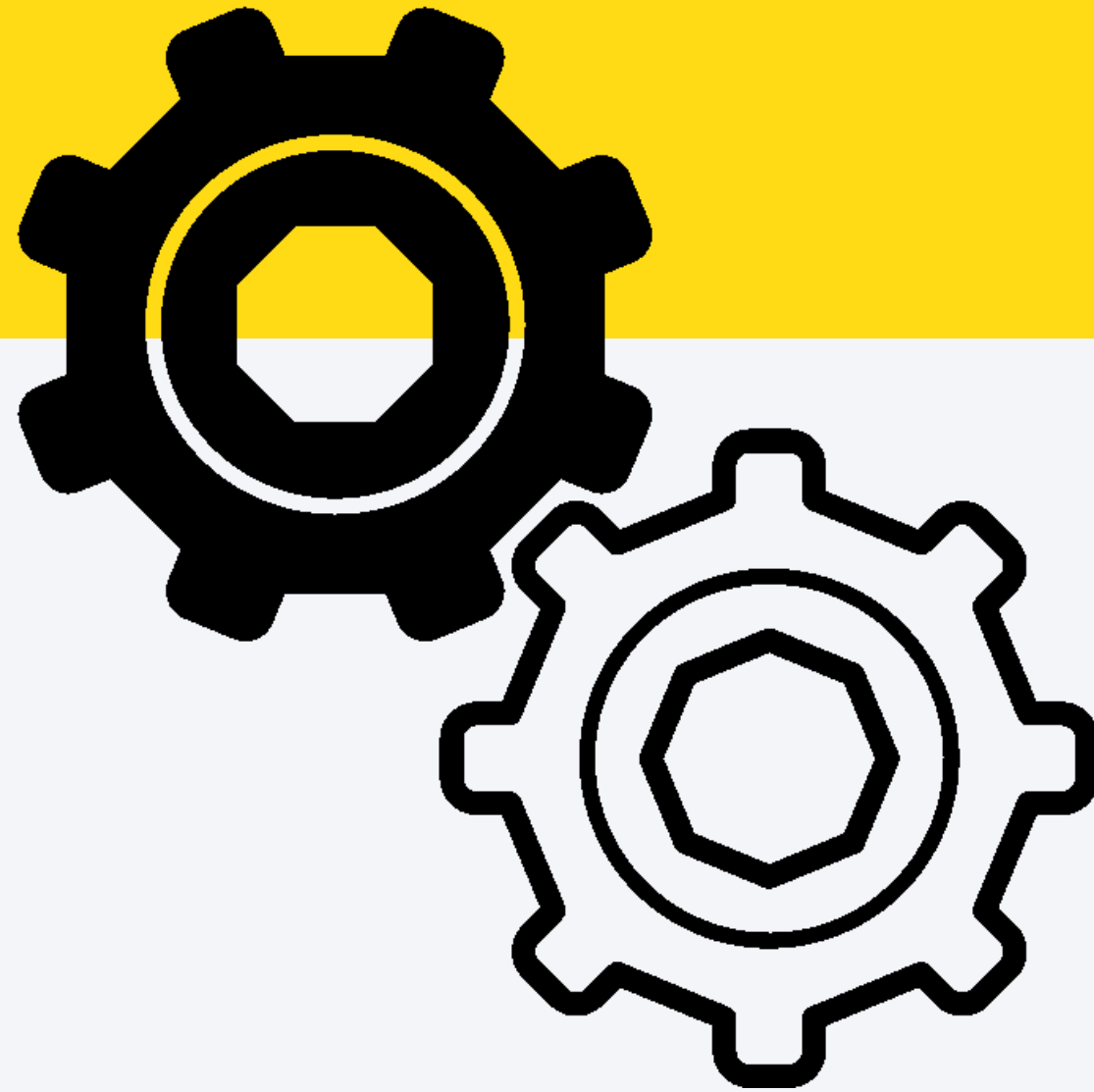


Fontys

University of Applied Sciences

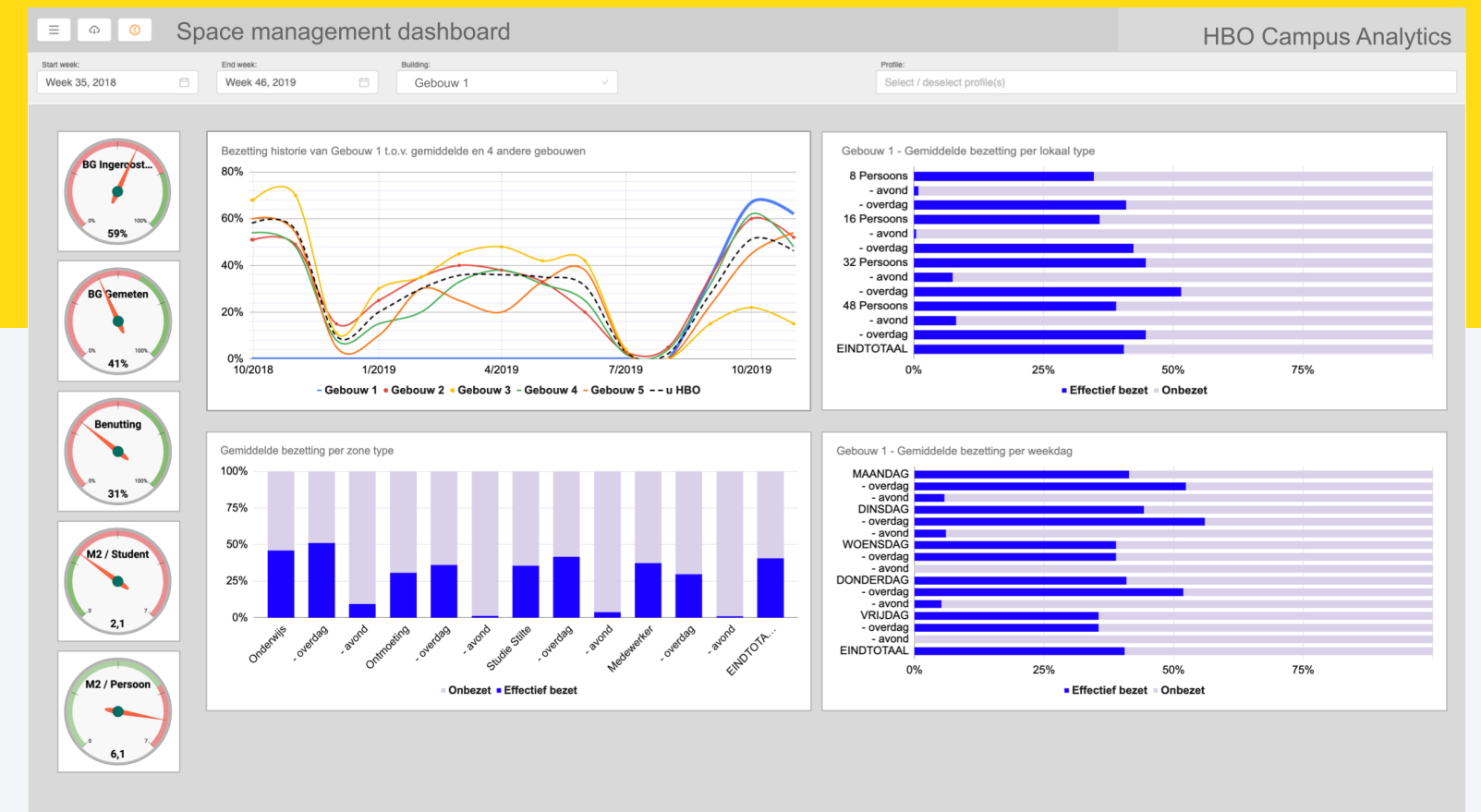
**Consumption of
education**

Our software



OCCUPANCY ANALYTICS

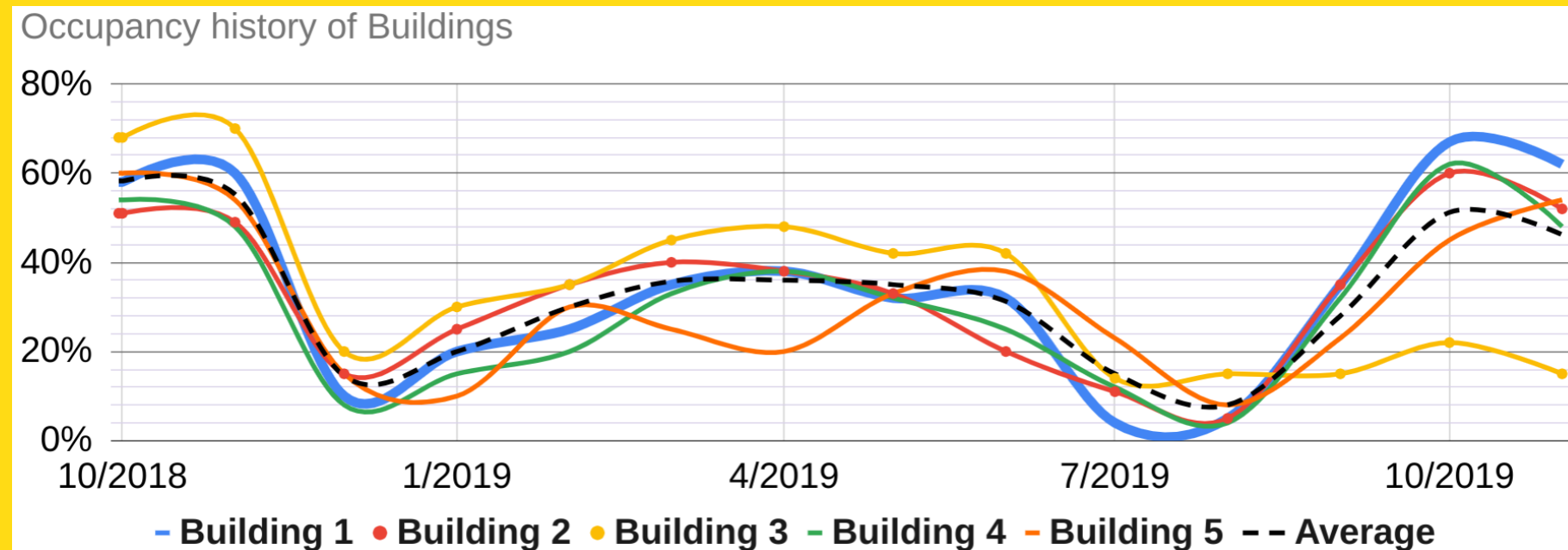
Our dashboards



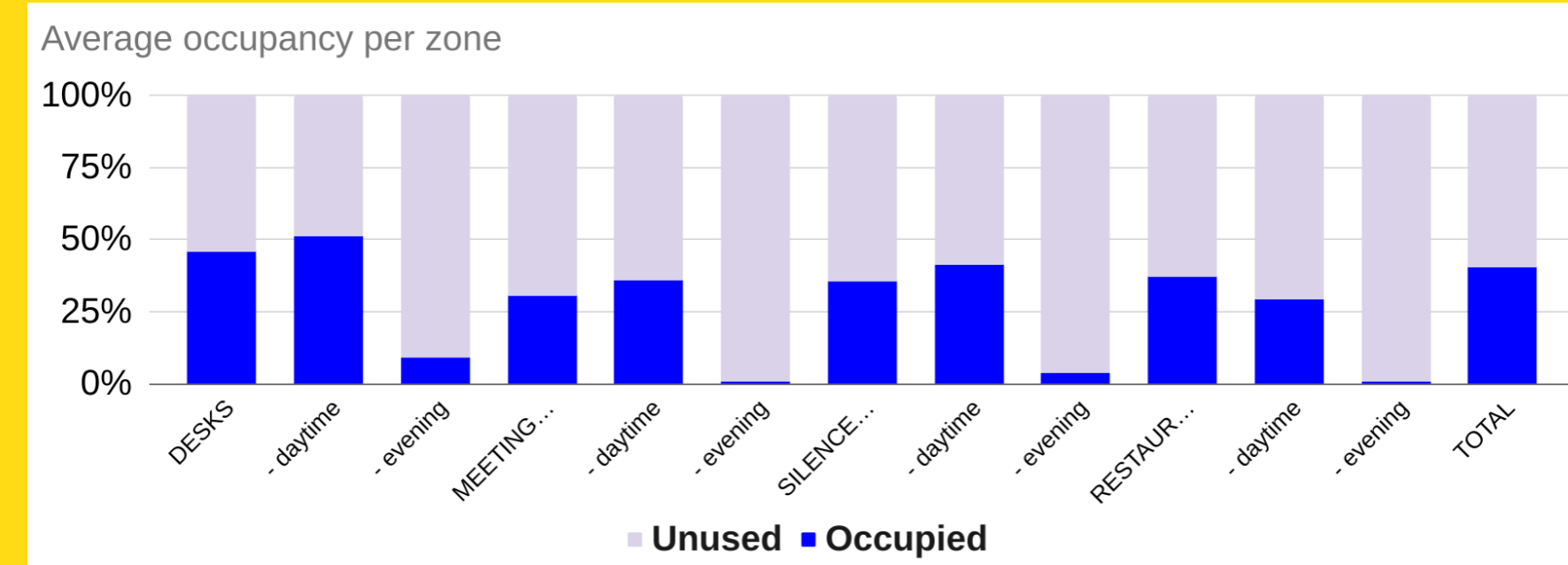
**GROUP MANAGEMENT
DASHBOARD**

**SPACE MANAGEMENT
DASHBOARD**

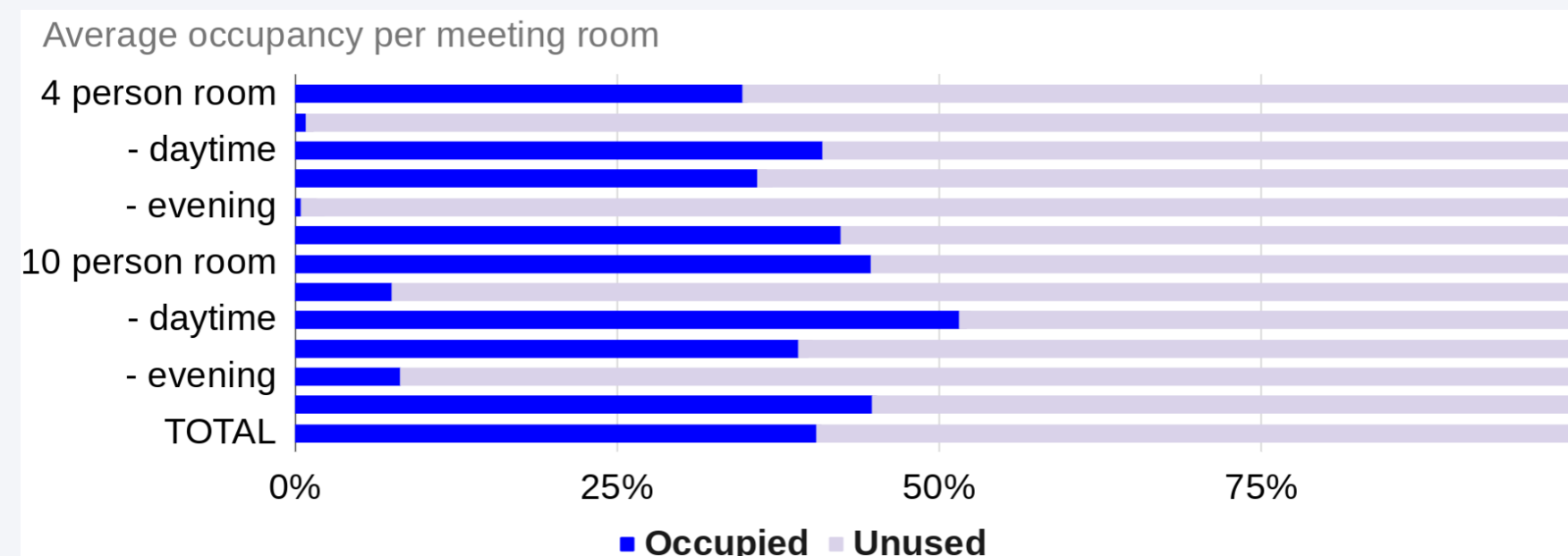
SPACE MANAGEMENT DASHBOARD



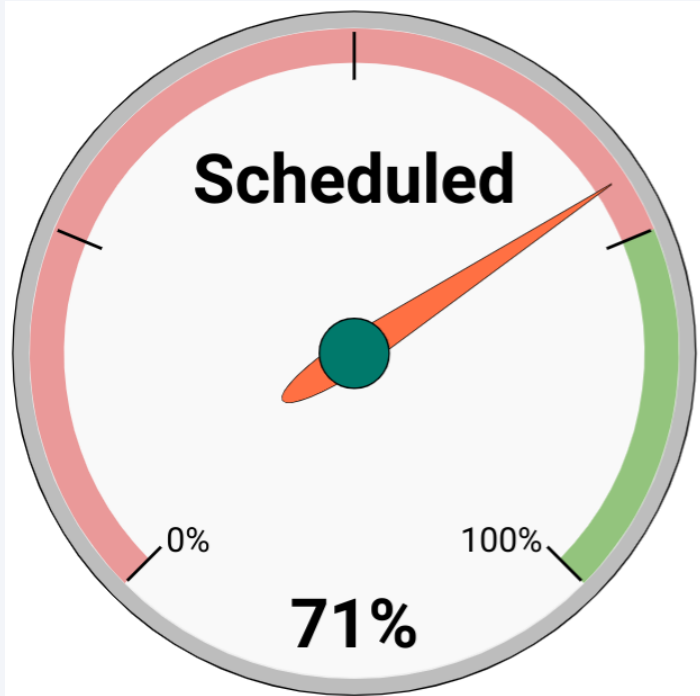
OCCUPATION HISTORY OF BUILDINGS



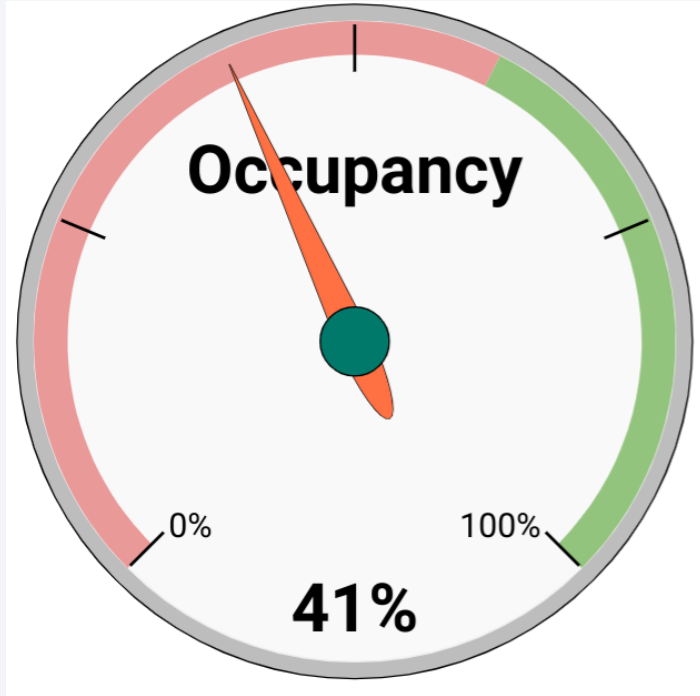
AVERAGE OCCUPANCY PER ZONE



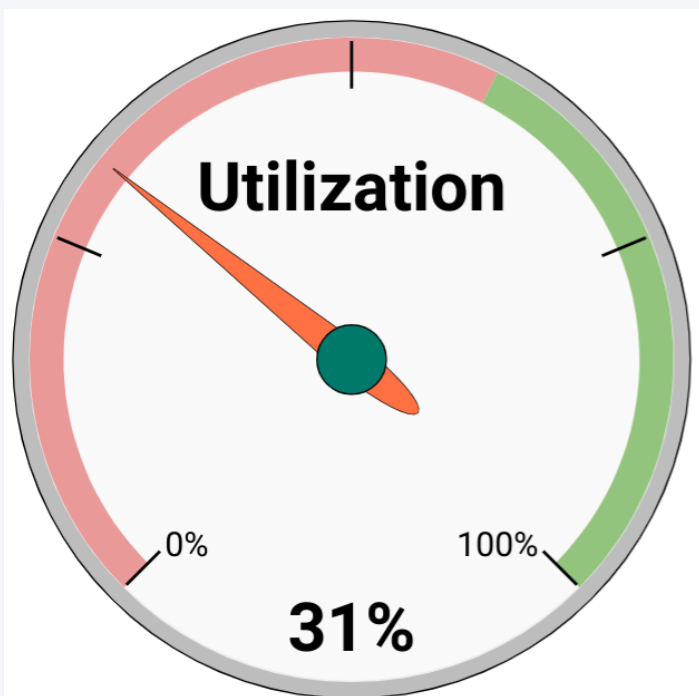
AVERAGE OCCUPANCY PER MEETING ROOM



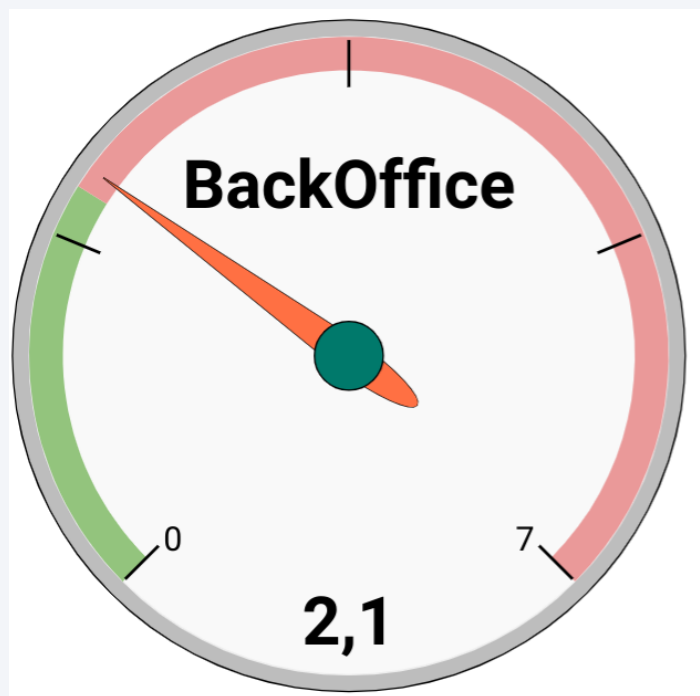
OCCUPANCY RATE SCHEDULED



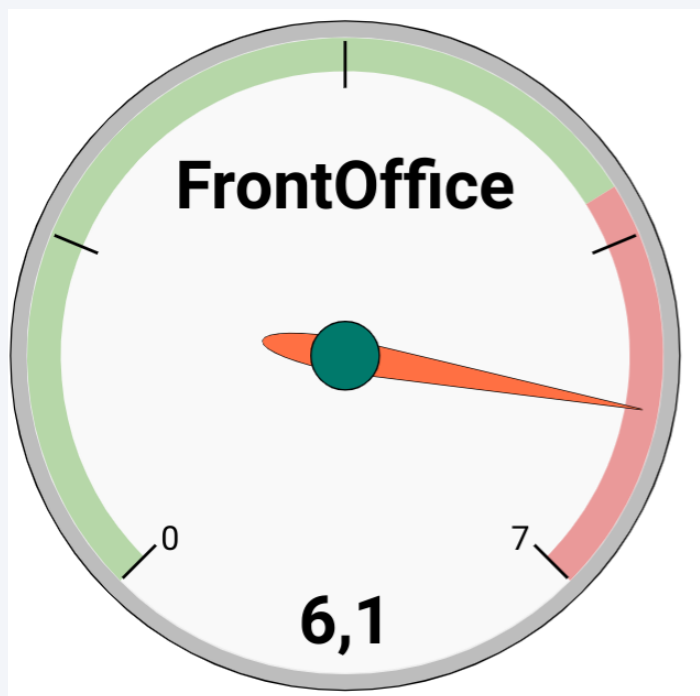
OCCUPANCY RATE MEASURED



UTILIZATION



SQUARE METER PER BACKOFFICE EMPLOYEE

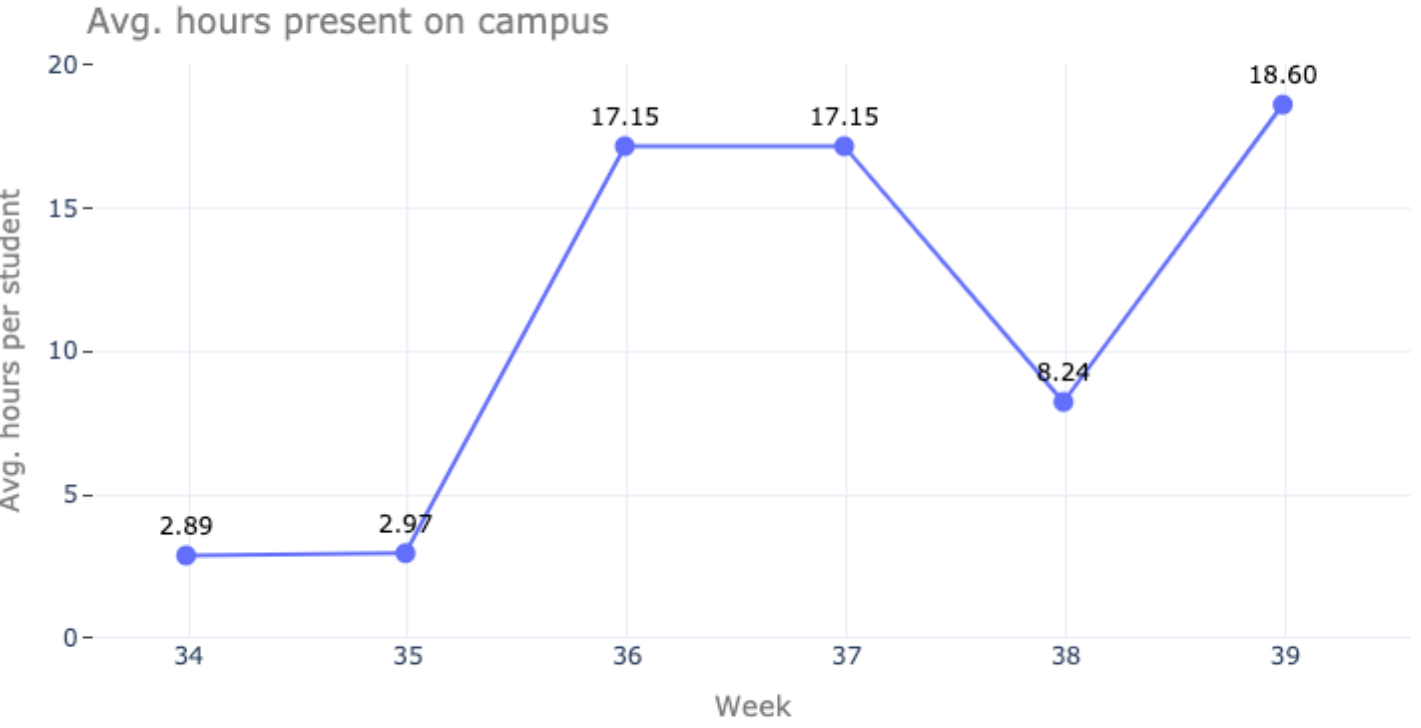
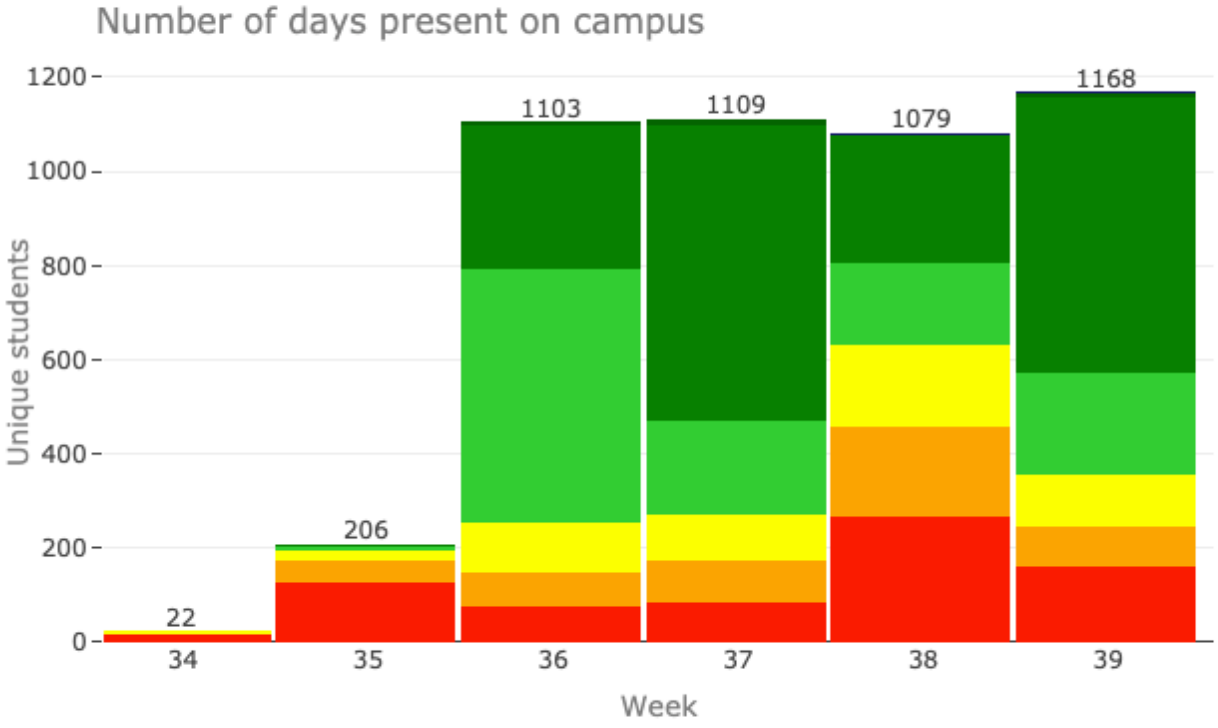


SQUARE METER PER FRONTOFFICE EMPLOYEE

GROUP MANAGEMENT DASHBOARD



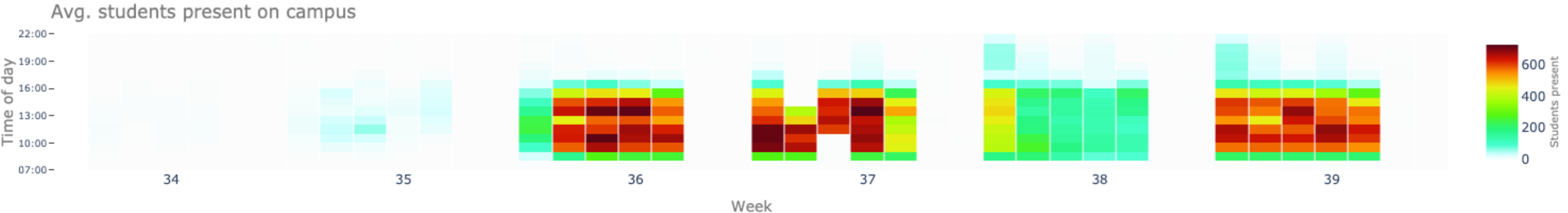
Start week: End week: Building: Profile:



Current ⚡
present right now

555

students



Maximum ⬆️
peak present today

693

students

12CU coupling

Couplings with scheduling applications

Couplings with sensors

Couplings with Microsoft power BI

Couplings with data warehouses



Interesting?

Within two weeks we can realize a pilot with you to let you experience the added value of our product.

Possible next steps:

- Feedback Vodafone
- Commercial and technical fit
- Internal use and customers
- Pilot in one or several Vodafone buildings
- Suggestions?



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Productowner & founder



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Head technical development

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