



How to improve office space utilisation

Key metrics, reports and tools

In today's session we'll cover

Understanding the key metrics to bear in mind when examining occupancy

How to create and understand mobility profiles across workplace assets

The role of a booking tool in increasing utilisation

Today's host



David Thomas
Business Operations

Our approach to gathering data

A secure and flexible network

Understand how often workspaces or assets are being utilised

- Desks
- Focus rooms
- Meeting rooms



Encrypted data



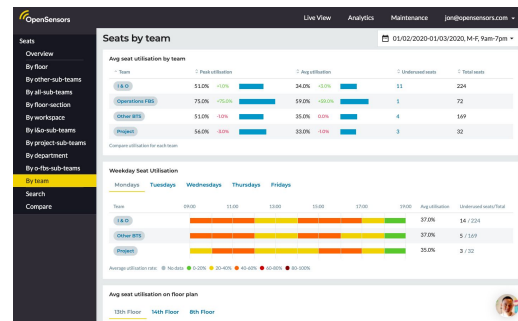
Data gathered and transmitted through LoRawan



Powerful analytics software

Accessible data anywhere, anytime

Compare workspaces and asset usage



Identifying Underutilised Spaces & Assets

Weekly trends in utilisation & their impact on space

Sensors form part of an independent IoT network which gather real-time data throughout the day.

Analytics and reports can be customised by time period, days of the week and working hours enabling end-users to gauge impact of daily and weekly trends on key metrics.

06/26/2022-07/26/2022, Tu-Th, 9am-5pm ▼

Today

Last 7 days

Last 30 days

Last 90 days

Start date

End date

Jun 26 2022

Jul 26 2022

Days of week

☐ Mon ☒ Tue ☒ Wed ☒ Thu

☐ Fri ☐ Sat ☐ Sun

Start of day

End of day

09:00

17:00

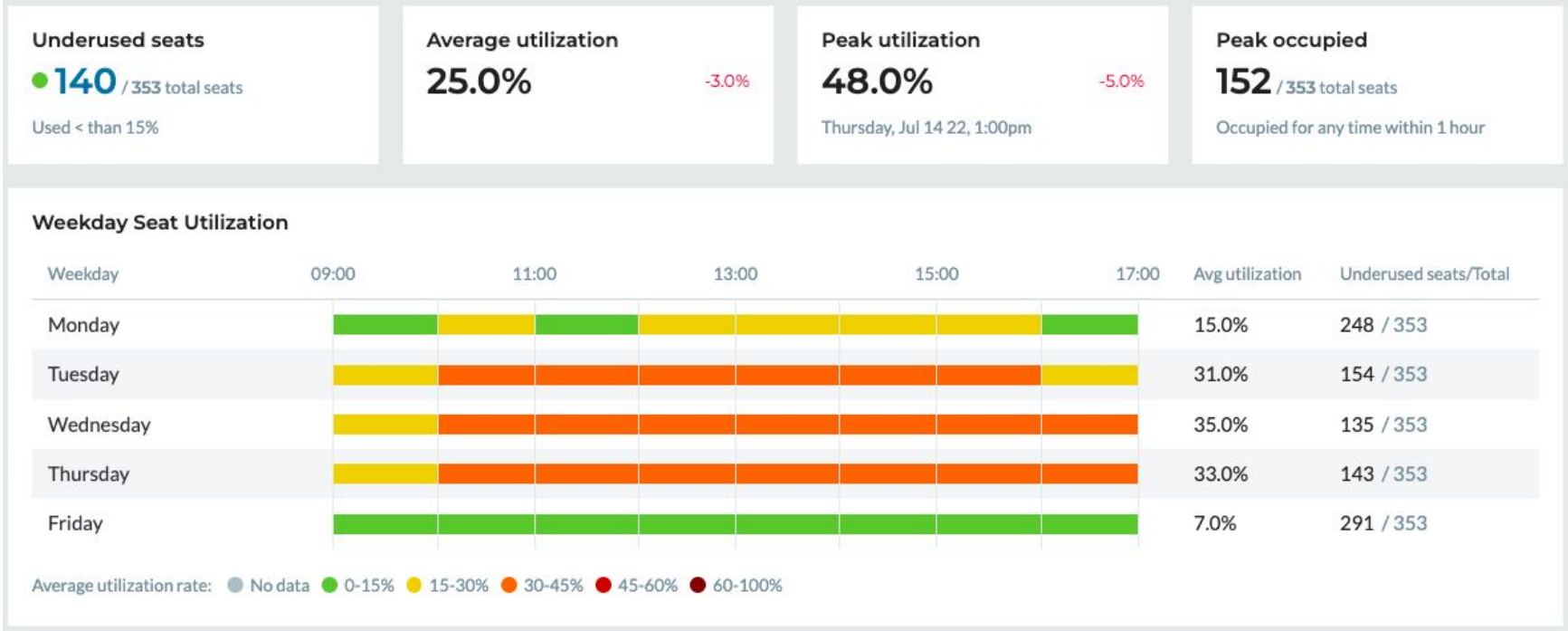
Aggregate by

Hour Day Week Month

Submit

Understanding Weekly Utilisation Trends

Seat Overview: Monday - Friday



Understanding Weekly Utilisation Trends

Seat Overview: Monday - Friday

Underused seats

● **115** / 353 total seats

Used < than 15%

Average utilization

34.0% -3.0%

Peak utilization

48.0% -5.0%

Thursday, Jul 14 22, 1:00pm

Peak occupied

152 / 353 total seats

Occupied for any time within 1 hour

Weekday Seat Utilization



Understanding Weekly Utilisation Trends

Daily impact on room utilisation

Monday - Friday



Tuesday - Thursday



Identifying Underutilised Spaces & Assets

Confirming weekly trends

Avg seats occupied per hour over time

202 Peak occupied **421** Total seats



Avg room utilization over time

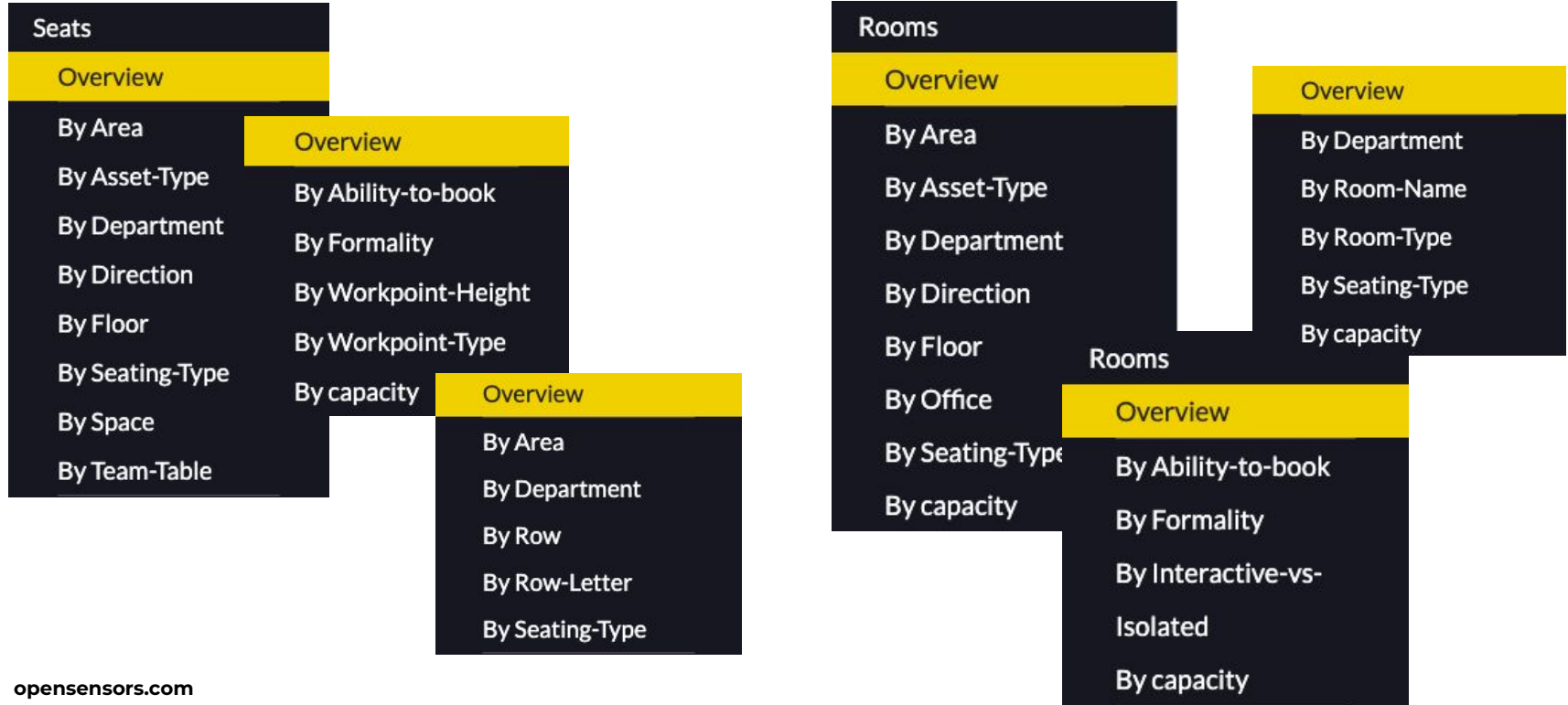
3h 6m Avg time occupied per day **5h 52m** Busiest day **0h 0m** All rooms occupied per day **166** Total rooms



Average utilization over time for a selected time period

Comparing Utilisation Across Teams & Assets

The importance of sensor tagging



Creating Data-led Work Rotations

Addressing Daily Trends in Occupancy

Seats by Department

26/06/2022-26/07/2022, M-F, 9am-6pm ▾

Avg seat utilisation by Department

Department	Peak utilisation	Avg utilisation	Underused seats	Total seats
Accounting	73.0% +1.0%	24.0% -2.0%	4	14
BT/DS	30.0% +13.0%	7.0% +2.0%	48	50
Billing	79.0% +7.0%	20.0% +3.0%	6	10
CS	42.0% -5.0%	18.0% +6.0%	9	15
Consumer Industries (Retail)	22.0% +2.0%	6.0% +2.0%	16	16
Corporate Management	30.0% -5.0%	8.0% -2.0%	6	6
Cyber	35.0% -1.0%	12.0% +1.0%	9	10
D&A FAAS GRIP	23.0% +1.0%	12.0% +2.0%	50	64

Creating Data-led Work Rotations

Departmental weekly trends



Average utilisation rate: ● No data ● 0-15% ● 15-30% ● 30-45% ● 45-60% ● 60-100%
















Ensuring Correct Asset Provision

Identifying trends in utilisation

Seats by Asset-Type

📅 26/06/2022-26/07/2022, M-F, 9am-6pm ▼

Avg seat utilisation by Asset-Type

^ Asset-Type	◇ Peak utilisation	◇ Avg utilisation	◇ Underused seats	◇ Total seats
Bench Desk	9.0% +1.0% 	2.0% +0.0% 	26	26
Business Class Seats	8.0% -12.0% 	0.0% 0.0% 	3	3
Collaboration Booth	18.0% +1.0% 	1.0% +1.0% 	6	6
Desk	20.0% +1.0% 	11.0% +3.0% 	615	742
Library	6.0% -8.0% 	0.0% 0.0% 	9	9
Shared Table	19.0% +15.0% 	0.0% +0.0% 	2	2
Team Table	9.0% +4.0% 	1.0% +1.0% 	83	84
Tech Bar	15.0% -10.0% 	2.0% +0.0% 	6	6

Compare utilisation for each Asset-Type

Ensuring Correct Asset Provision

Asset comparison over time

Compare seat utilisation







26/06/2022-26/07/2022, M-F, 9am-6pm ▾

🔍 Choose another tag to compare

Desk x

Team Table x

Collaboration Booth x

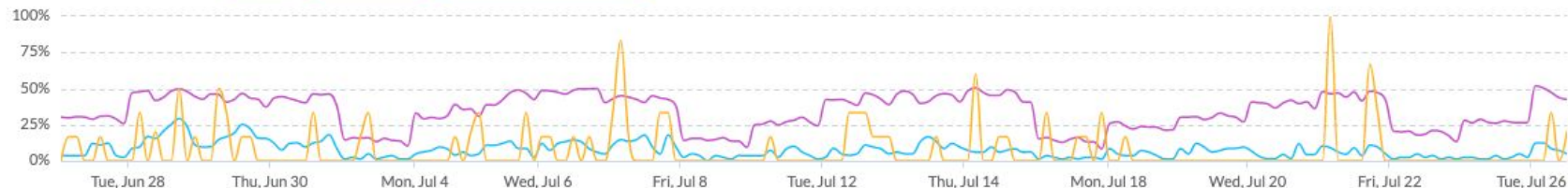
Tags	Average utilisation	Peak utilisation	Number of devices
Desk	34% 	52% 	742
Team Table	7% 	29% 	84
Collaboration Booth	7% 	100% 	6

Average utilisation

Desk

Team Table

Collaboration Booth



Ensuring Correct Asset Provision

Creating data-led mobility profiles for desks



Leverage asset and departmental occupancy data to create mobility profiles which can inform work policies regarding space usage and allocation.

Improving Meeting Room Usage

Room popularity by capacity

Avg room utilisation by capacity

^ capacity	◇ All rooms occupied per day	◇ Avg time occupied per day	◇ Underused rooms	◇ Total rooms
max1	0h 45m	2h 12m +4.0% <div></div>	2	6
max12	4h 0m	4h 27m -24.0% <div></div>	0	1
max2	0h 0m	0h 43m -5.0% <div></div>	6	6
max6	3h 45m	5h 51m +11.0% <div></div>	0	2

Compare utilisation for each capacity

Avg utilisation for max6

5h 51m Avg time occupied per day 3h 45m All rooms occupied per day 2 Total assets

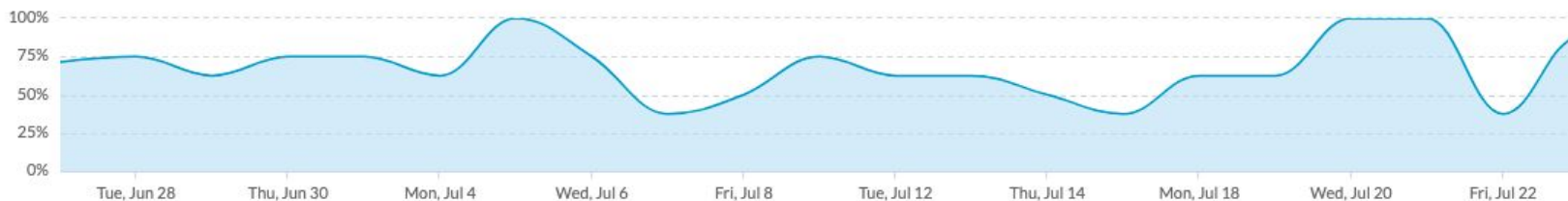


Improving Meeting Room Usage

The importance of data from counter sensors - example 6 person room.

Avg room utilisation over time

5h 27m Avg time occupied per day **8h 0m** Busiest day **5h 13m** All rooms occupied per day **1** Total rooms



Average utilisation over time for a selected time period

Avg number of people

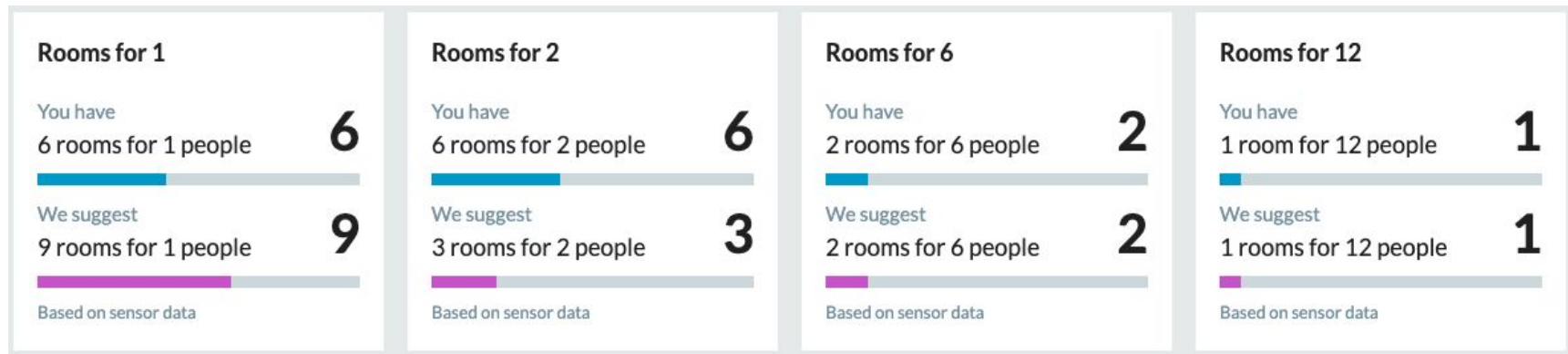
3 Avg occupied **6** Peak occupied



Average number of people over time

Improving Meeting Room Usage

Rightsizing meeting rooms



Increase Workplace Access

Introducing OpenSensors Booking

Seats

Rooms

26 Jul 2022

< >

All day

9:00am

to

5:00pm

☐ Recurring

📌 Suggestions

London, IT - 1

Best match

Book Seat

Seat details

Standing Desk - 1, London

Best match

Book Seat

Seat details

London, IT - 6

Best match

Book Seat

Seat details



Filter Seats

Department

☐ IT

☐ Marketing

☐ Sales

Area

☐ Cafeteria

Asset-Type

☐ Desk

☐ Long Table

☐ Phone Booth

Thank you

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