



Designing wellbeing-centred NHS workplaces

Episode 1 in: The Future Workplace of the NHS



Delivering data powered workplace transformation solutions

In today's session we'll cover:

- How utilisation data can support cost-saving decisions
 - Identifying consolidation and repurposing opportunities
 - How to support Net Zero commitments through more efficient space use
- 30 minutes inc. Live Q&A



Yodit Stanton
CEO & Founder



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Head of Product

Part 1: Designing Efficient Workplaces

Delivering data powered workplace transformation solutions



Multi-phase approach

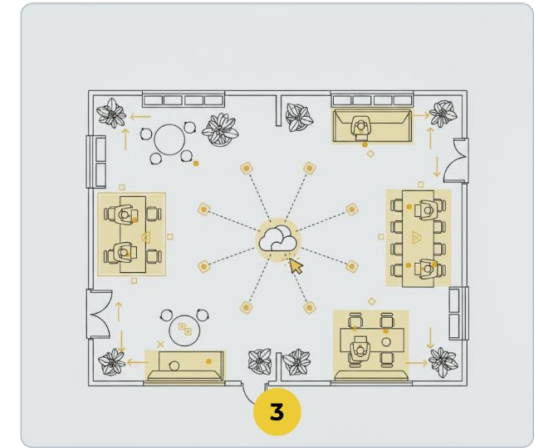
Use sensors data to identify the low hanging fruit



Present the findings to stakeholders



Create a change management plan

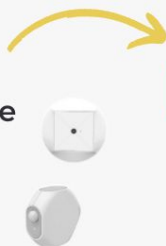


While change management discussion is underway, next phase can begin with another department.

Secure by design – no personal data captured

1 Sensors deployed throughout workplace

Gather utilisation, footfall and environmental data across your corporate real estate portfolios, identifying and monitoring the usage of key workplace assets and meeting spaces



2 Standalone 4G Gateway network

Sensors communicate via LoRaWan with independently placed and managed 4G gateways in an end-to-end managed network.



3 Data transferred to powerful analytics software

Compare workspace and asset usage across all device types and drive automation in connected booking solutions.



Accuracy



Sensors installed by workspace assets

Network



Data is transmitted to Gateways via LoRawan

Secure



Encrypted VPN over 4G

Reliable



Hosted on Amazon Web Services (AWS)

Accessible



Access data on any device, anywhere, anytime

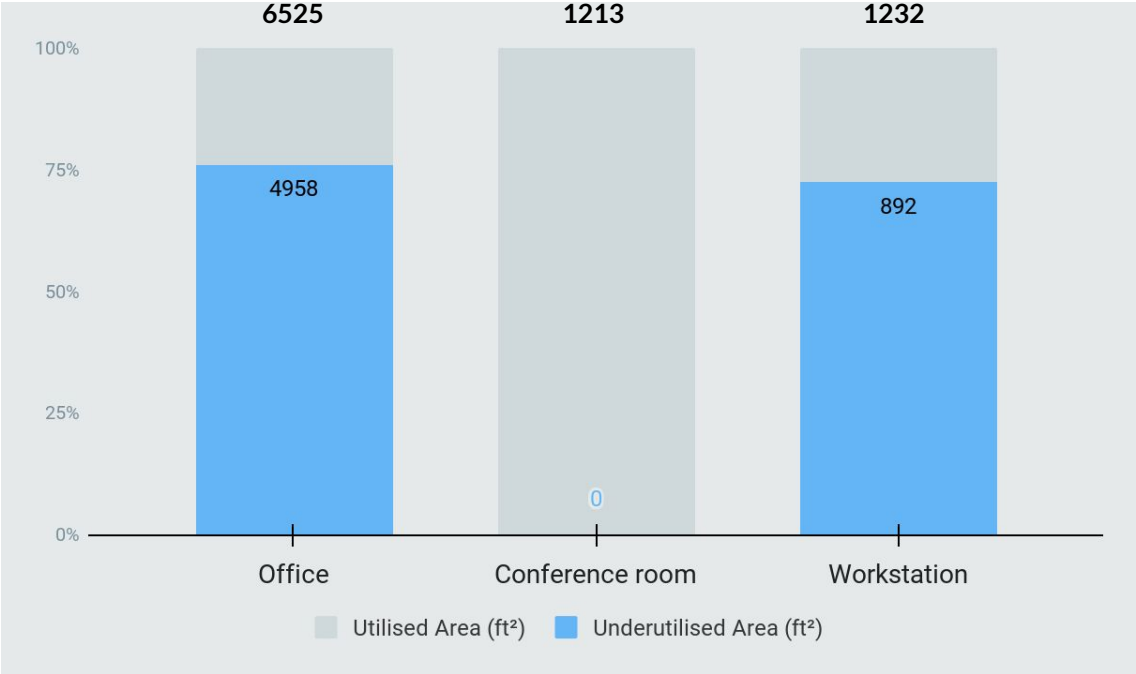
Part 2:

Identifying utilisation

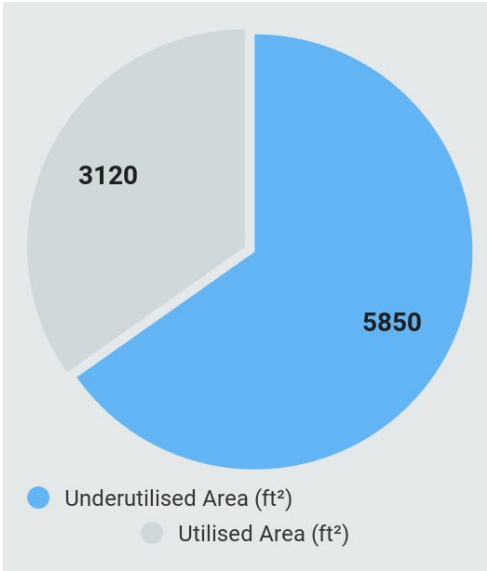


Underutilised areas

By type (ft²)



Underutilised vs utilised

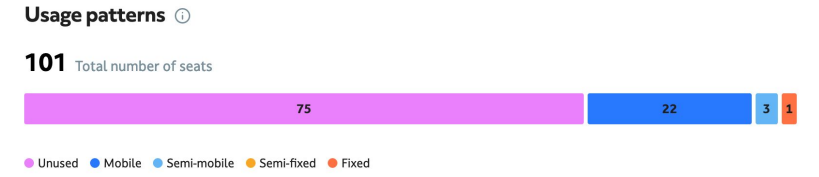
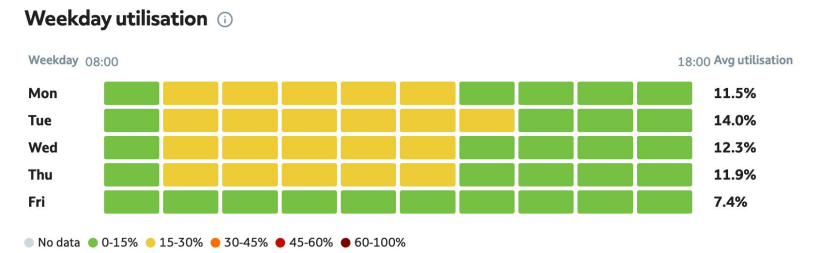
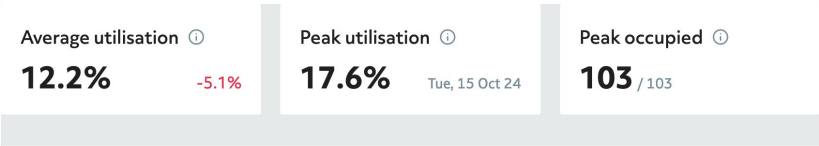


Insight: Largest underutilised area sites in office and workstation space.

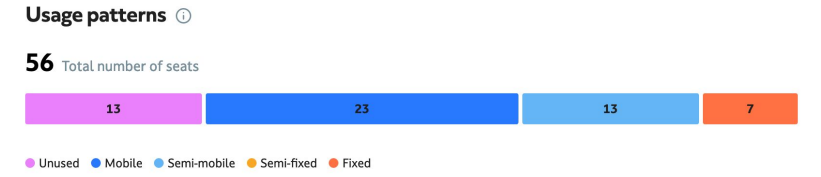
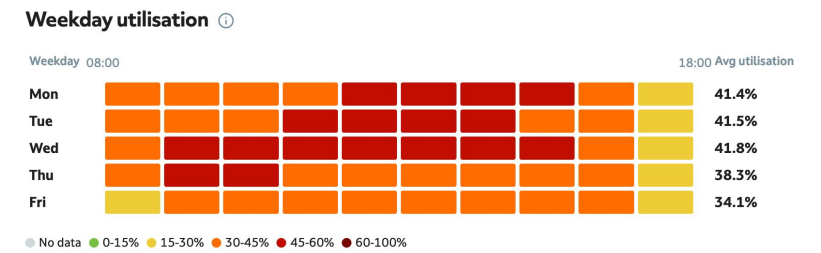
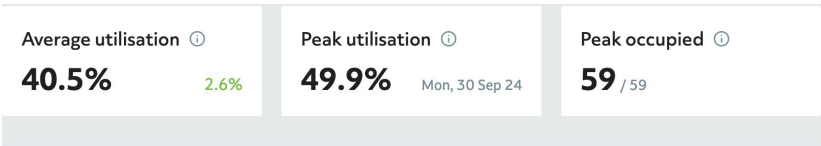
Person-to-desk ratio

The lower the peak utilisation the more aggressive the person:desk ratios

Anaesthesia: 3:1 or 4:1 (aggressive) ratios possible



Pathology: Leave as is, payoff for optimising for 13 seats low



Part 3:

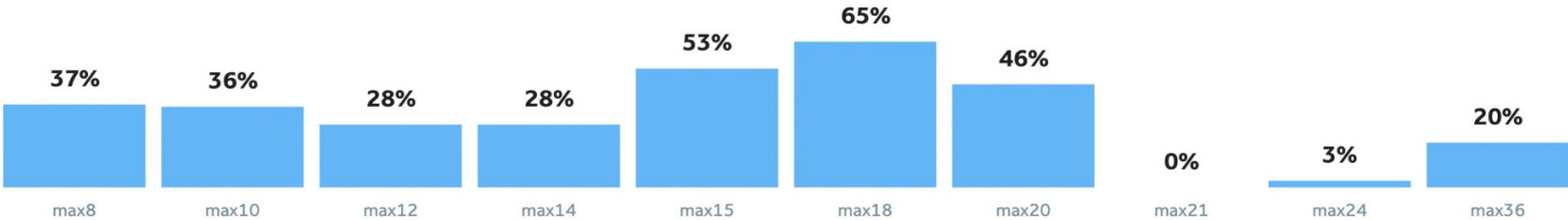
Strategic planning



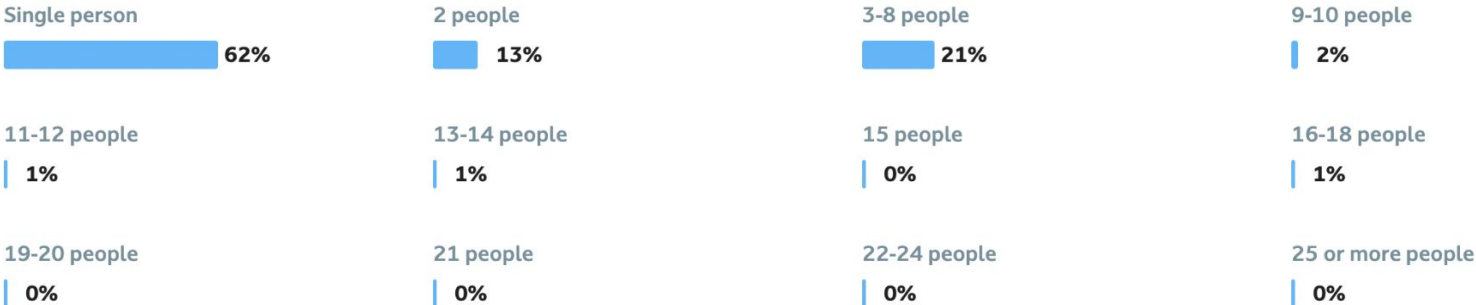
Room utilisation versus occupancy

Understand whether rooms are being used appropriately

Average utilisation by capacity ⓘ



Number of people in a meeting ⓘ



Rightsizing suggestions

Suggested meeting-room mix based on observed demand.

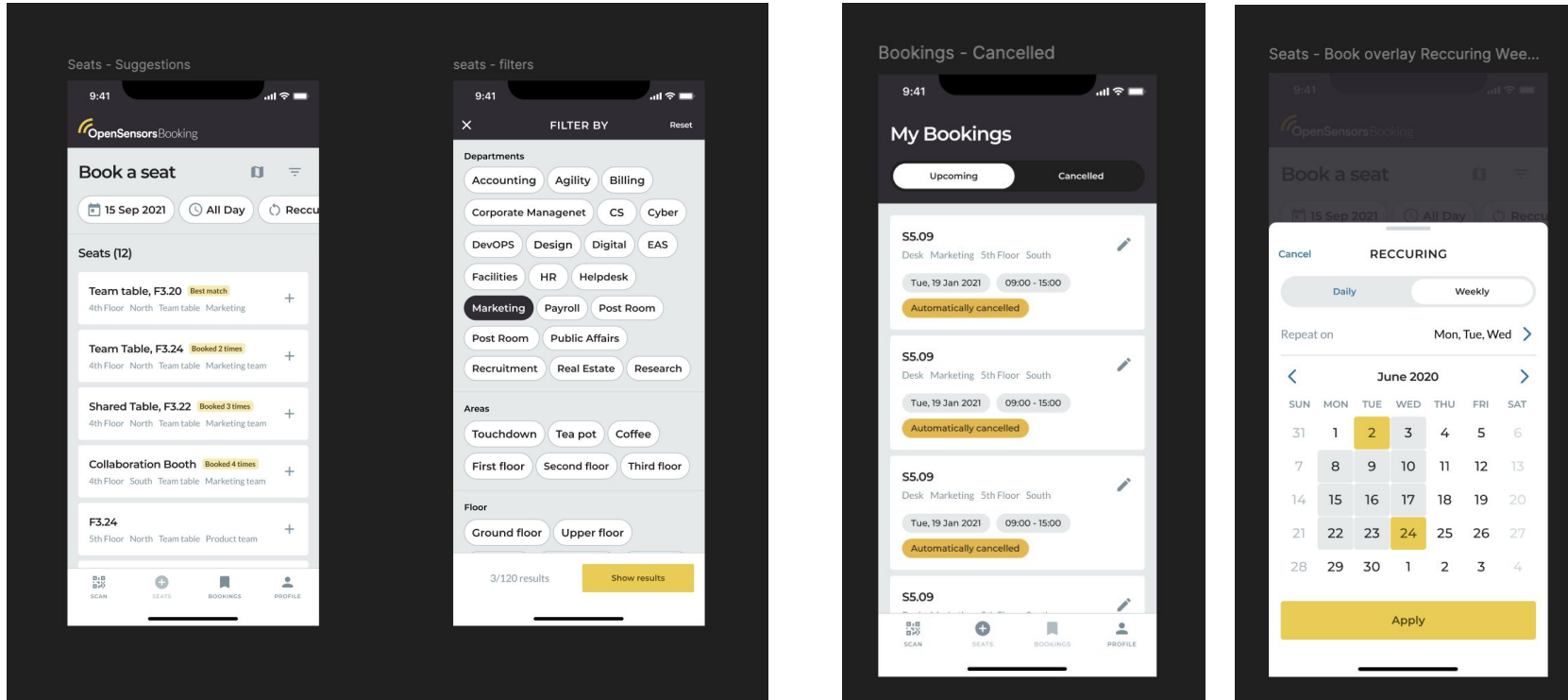


Part 4:

Managing new spaces



Sensor driven booking



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Seats

Rooms

26 Oct 2023

3:30pm to 4:00pm

☐ Recurring

Filter rooms

Digital Projectors

Smart Board

Screens

Video Conferencing

Microphones

Peripherals

Privacy

Whiteboard

Capacity (3)

Type

Wing

Conference Room

max7 Floor 1 1236

Book room

Conference Room

max5 Floor 1 1476

Book room

Gallery

Floorplan

Best match

Booked 2 times

OpenSensors

Admin

New Booking

My Bookings

info@opensensors.com

Home - New Booking

Seats

Rooms

Level 12 (53)

Filter Seats

1 Sep 2021

All day

09:00 to 17:00

☐ Recurring

Suggestions

Standing Desk, 2.16

Booked yesterday

First floor North Bench Desk Facilities

Book Seat

Seat Details

Bench Desk, 4.25

Booked once

First floor North Bench Desk Facilities

Book Seat

Seat Details

Private Desk

Booked 4 times

First floor North Bench Desk Facilities

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OpenSensors

Booking overview

10 Dec 22 – 17 Dec 22 M – F 8am – 6pm

No shows ⓘ

15.4%

+3.50%

Used without booking ⓘ

32.5%

-12.0%

Busiest day of the week ⓘ

Wed

/ 74% of total capacity

Used at peak capacity ⓘ

48

/ 100 total workspaces

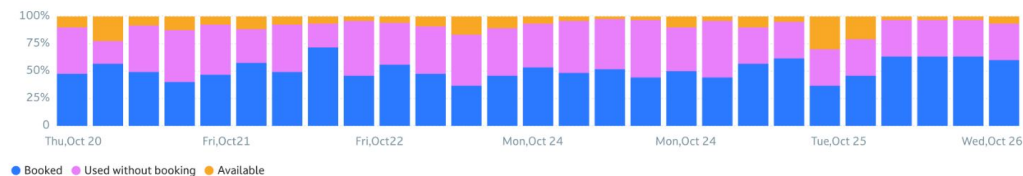
Bookings by tag group ⓘ

Department Floor Office Room capacity Team table

Department	No shows	Auto cancelled	Used w/out booking	Booked and used	Used at peak capacity
Accounting	92.0%	92.0%	92.0%	92.0%	7/10
Business development	14.5%	92.0%	92.0%	92.0%	7/10
DevOps	92.0%	92.0%	92.0%	92.0%	7/10
Product	14.5%	92.0%	92.0%	92.0%	7/10
I&O	92.0%	92.0%	92.0%	92.0%	7/10

Capacity over time ⓘ

65.3% Booked 21.5% Used without booking 13.2% Available



Change management: Next Steps

1. Identify low hanging fruit using occupancy study to highlight low-impact, high-value changes
2. Engage stakeholders early to align on required space changes and manage expectations
3. Redesign with confidence, using evidence to support decisions and minimise disruption
4. Build on the redesign by exploring further optimisations and tools to operate effectively in a more efficient, shared environment



Thank you

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