



DIGITAL EXCELLENCE

en levende bygning

Brian Strømsted





Who is **ISS**?



Building the company globally ...

... further increasing scale and global presence...

... alignment of the company behind a core value proposition

STRATEGY

EXPANSION

SHARE-HOLDERS

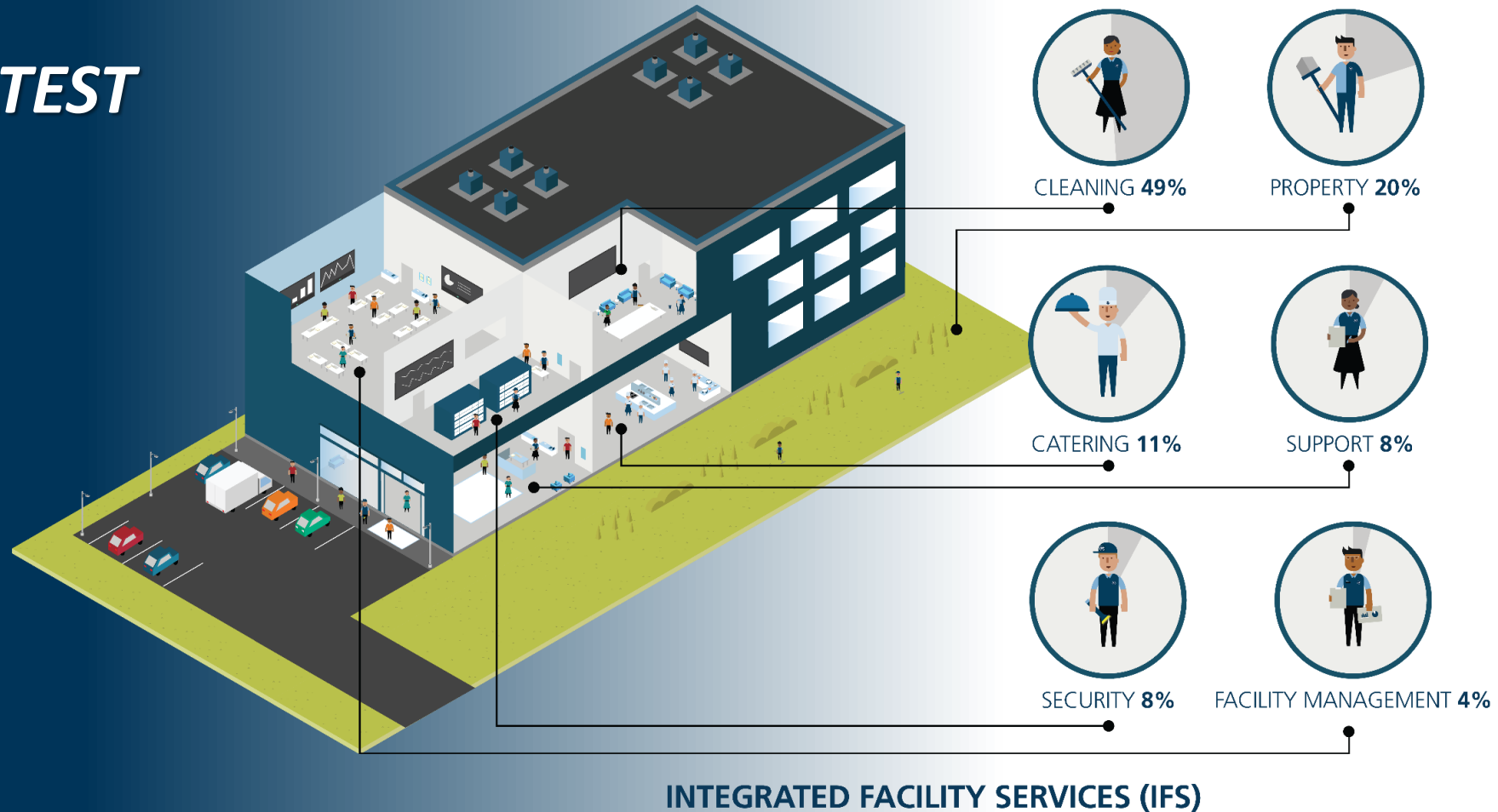


We are going to be ***THE WORLD'S GREATEST*** service organisation

Markedsværdi: DKK 80bn
70+ Lande
Ca. 500.000 medarbejdere
OMX Copenhagen

Fokus på

Key Accounts
Blue-chip (B-t-B)



DIGITAL EXCELLENCE

Den Levende Bygning

BI

KNOWLEDGE MANAGEMENT

BENCHMARKING

DATA MINING

DATA VISUALIZATION

MEASUREMENT ANALYSIS

REPORTING

COLLABORATION PLATFORM



Fra **Input** Fokus.....

Input



Timer

Output



KPI

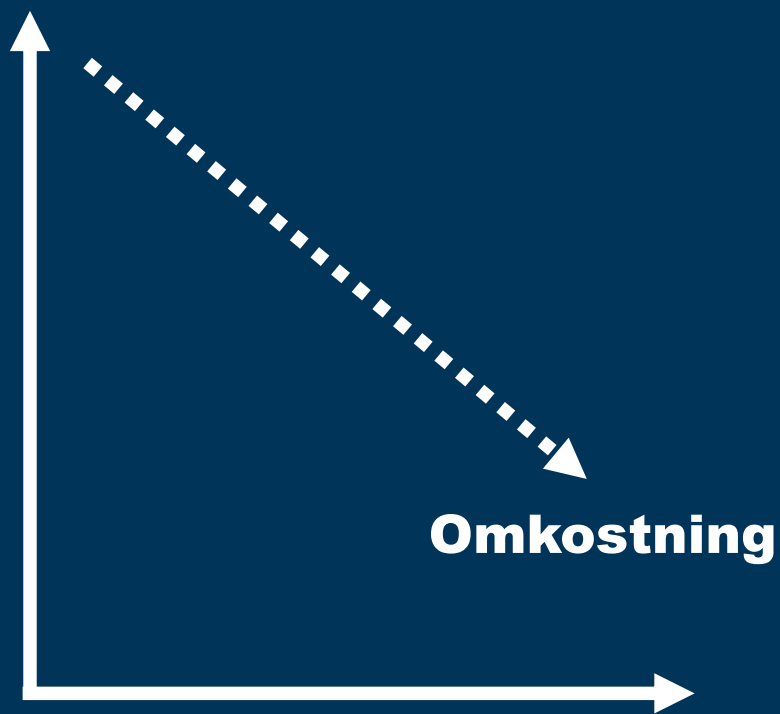
Outcome



Værdi

til **Outcome** Fokus.....

Big Data som værktøj til at Drive bygningssomkostninger ned

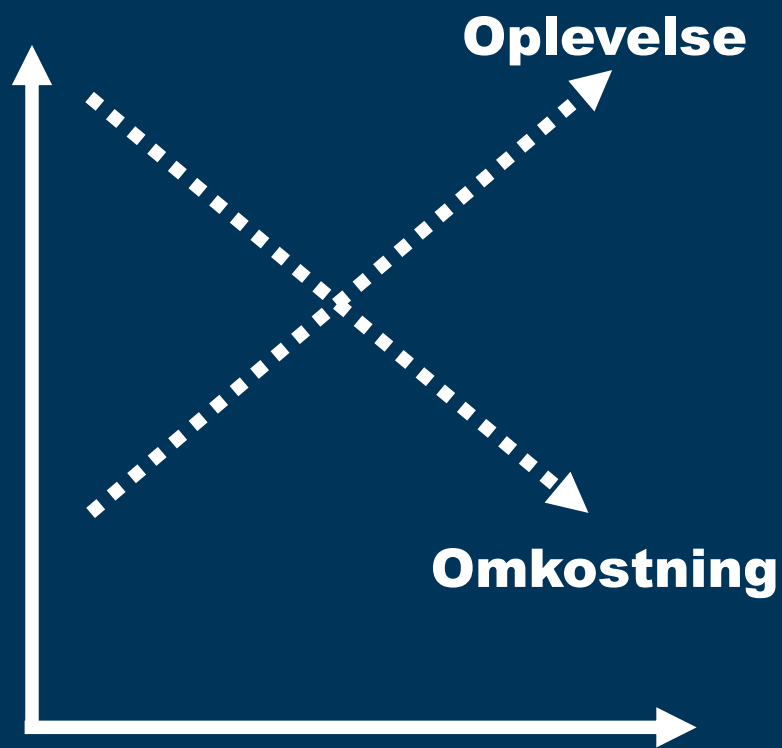


Bygninger og Assets



TOTAL COST OF OWNERSHIP
ENERGY FORBRUG PER BYGNING
KVADRAT METER PRIS PER MEDARBEJDER
DKK PER KVADRAT METER

Det handler ikke kun om bygningerne ... Det handler i virkeligheden om mennesker

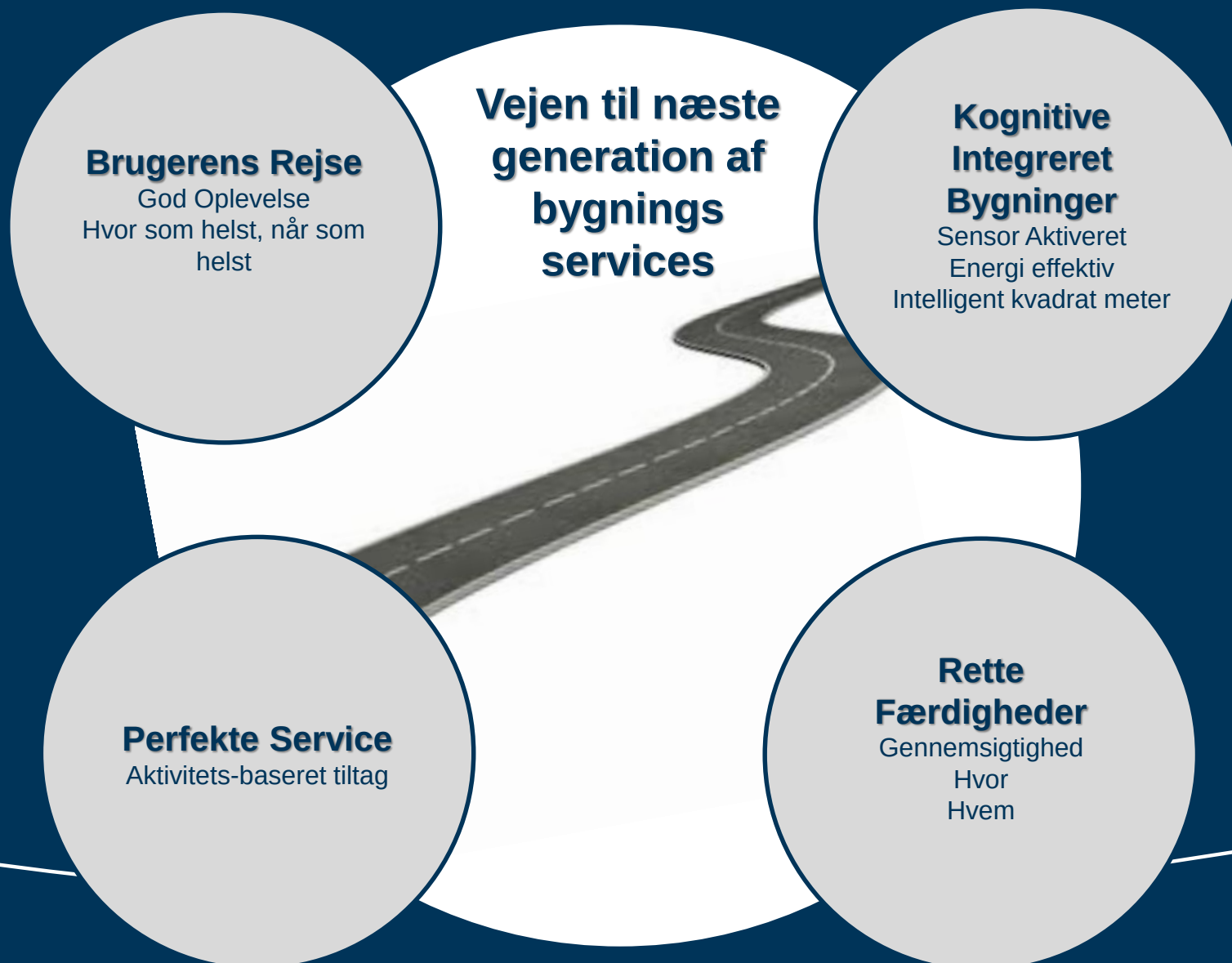


Øget brugeroplevelse

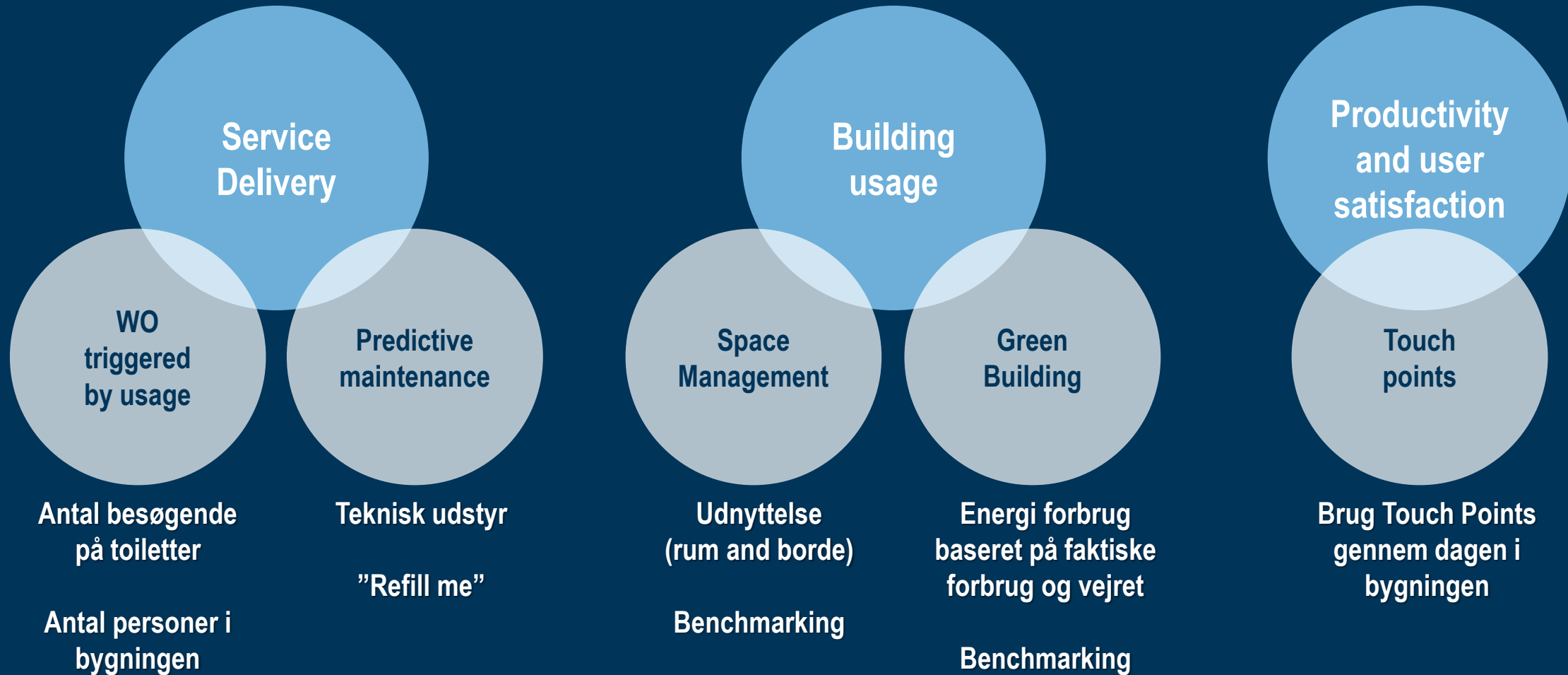


NEMERE COLLABORATION
HØJERE PRODUKTIVITET
EFFEKTIV ARBEJDSMILJØ
LÆRINGSMILJØ

Teknologi til at skabe relation og effektivitet



ISS perspektiv på brug af Big Data & IoT



OMKOSTINGER

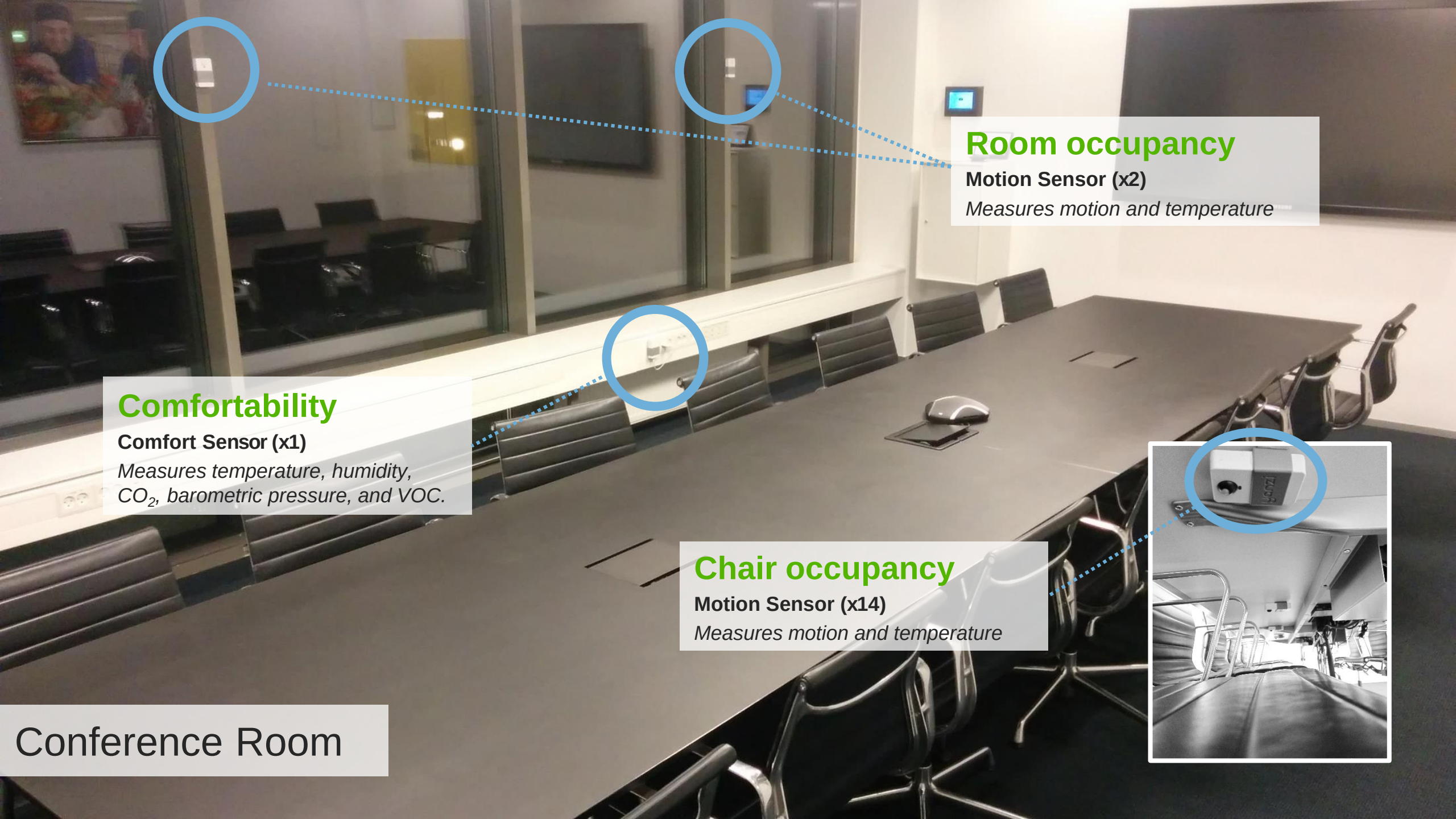
FORMÅL

FORMÅL



"Refill me please"

"Fix me please"



Room occupancy

Motion Sensor (x2)

Measures motion and temperature

Comfortability

Comfort Sensor (x1)

Measures temperature, humidity, CO₂, barometric pressure, and VOC.

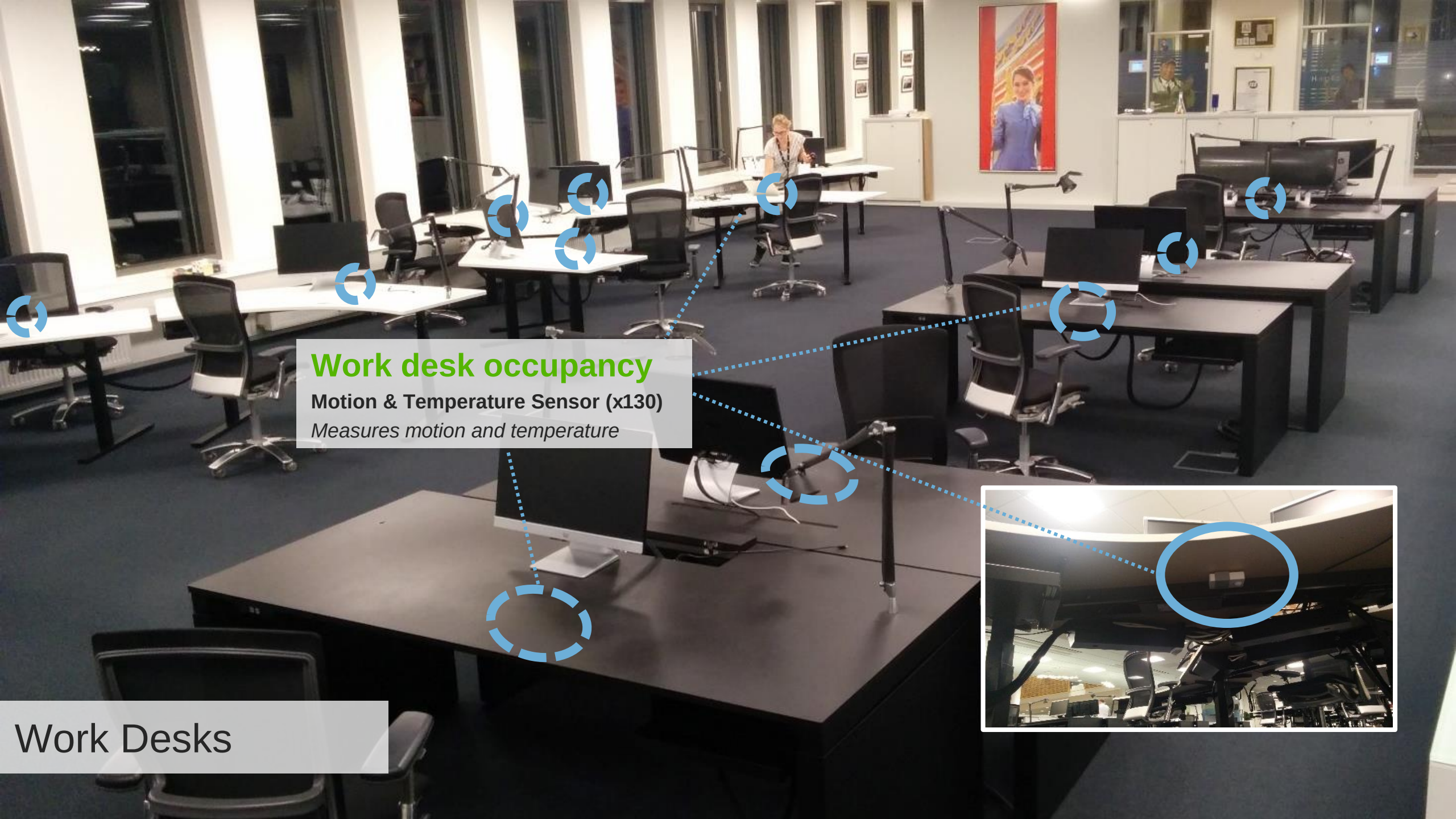
Chair occupancy

Motion Sensor (x14)

Measures motion and temperature



Conference Room

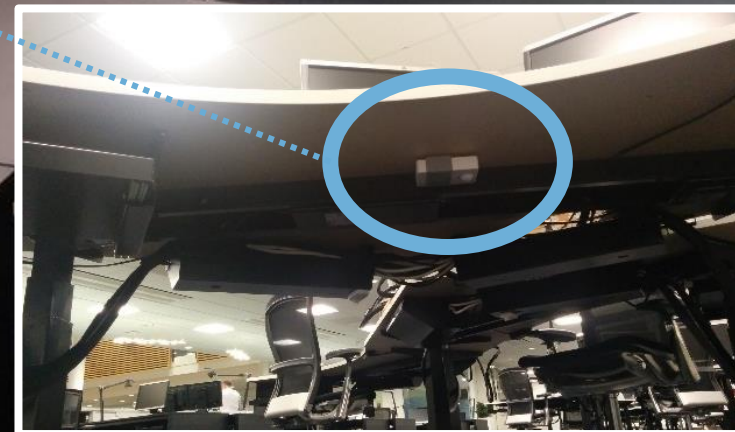


Work desk occupancy

Motion & Temperature Sensor (x130)

Measures motion and temperature

Work Desks



Restaurant footfall

Distance IR Sensor (x3)

Measures distance to plates



Restaurant

Kunde oplevelse – TouchPoint Rating



Telenor DK 10:55 89%

TouchPoints

ISS Headoffices
ISS A/S
Buddingvej 197
2860 Søborg

Powered by ISS

TOUCHPOINTS IN RANGE

Rate your coffee experience

Let us know what you think of the coffee. By selecting "rate" you can give the coffee experience a 1-5 rating and select what you think was good and what we can improve. Please take a moment to add more detailed feedback so we can improve our services in the future.

MORE INFO RATE

Telenor DK 10:55 89%

Back Rate

How did you like your coffee?

Bad

★ ★ ★ ★ ★

What can we improve?

Coffee taste Speed Sound level

Milk system Hot water

WRITE YOUR COMMENT

Rate Now

Telenor DK 10:55 89%

Back Rate

How did you like your coffee?

Fantastic

★ ★ ★ ★ ★

What did you like?

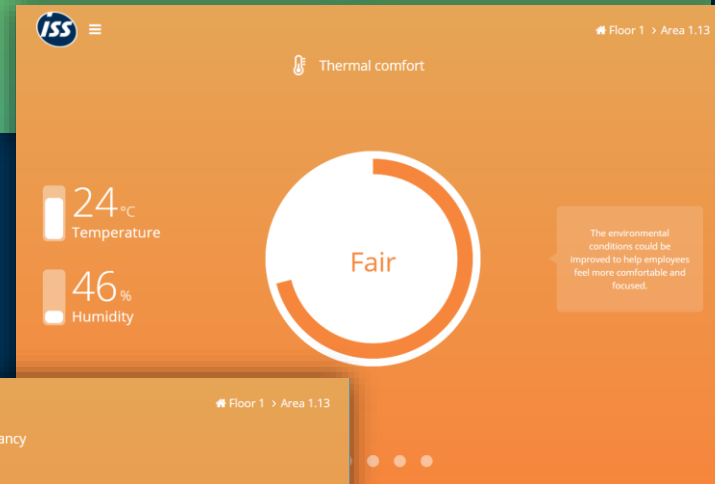
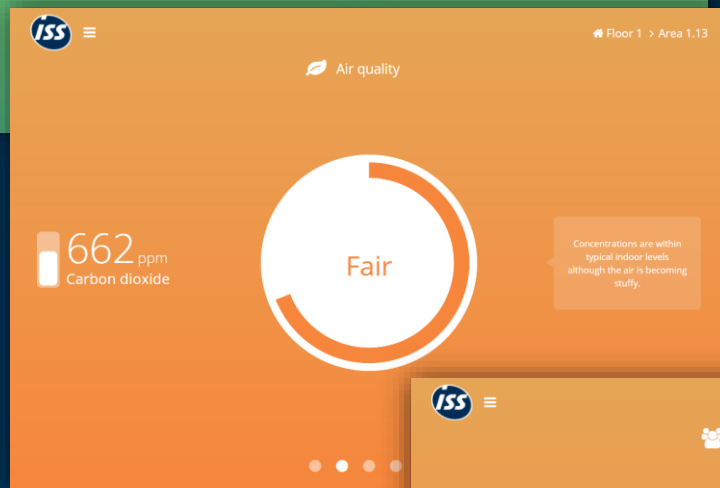
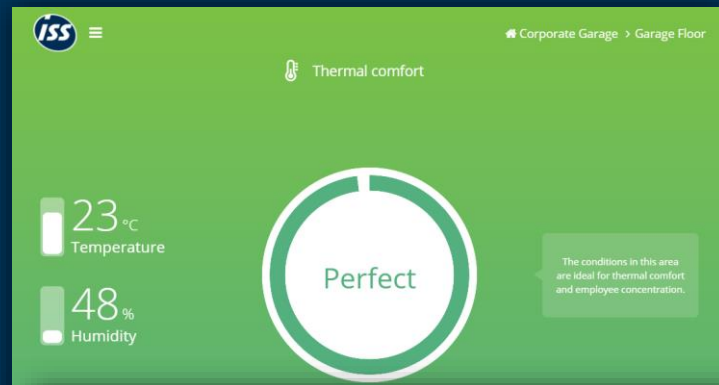
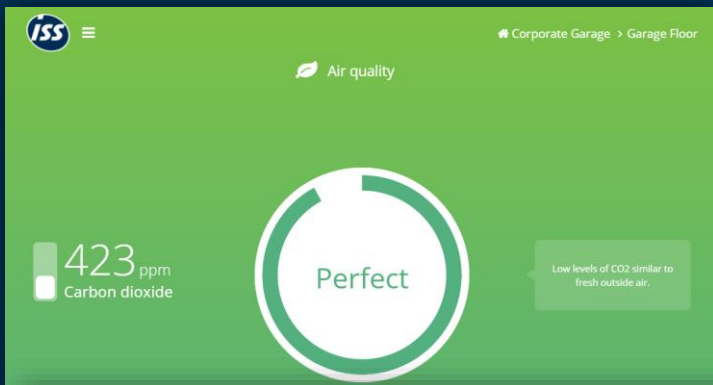
Coffee taste Cleanliness Coffee Variety

Milk system Hot water

WRITE YOUR COMMENT

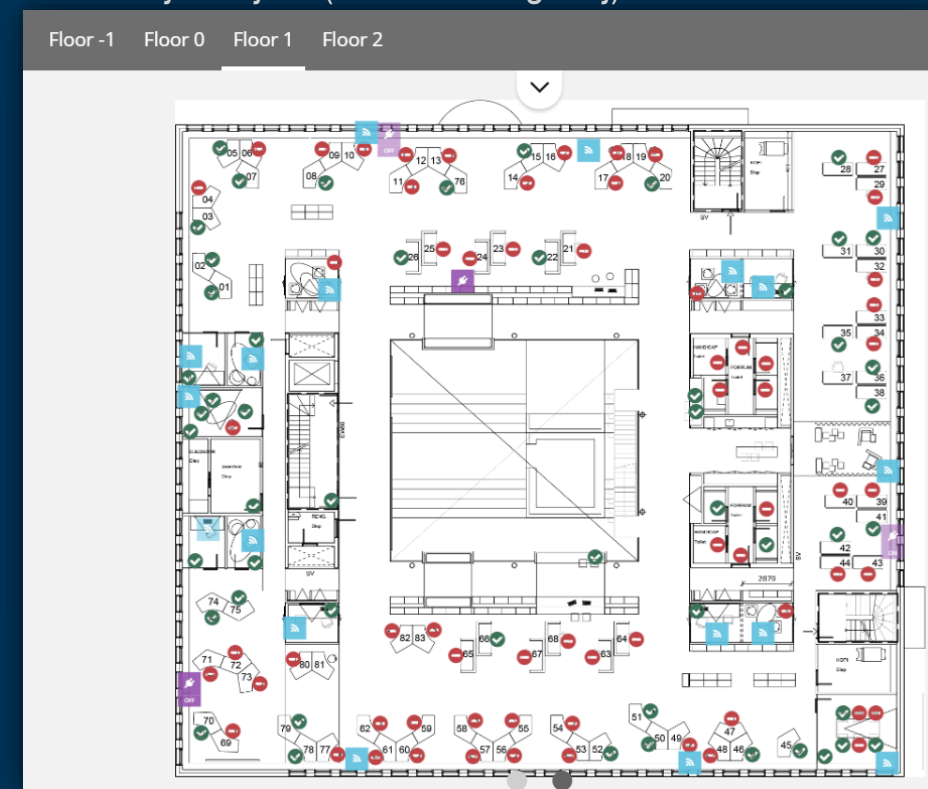
Rate Now

IOT Sensor Output Eksempler



Kommentarer

- Plan tegningen viser sensorer på alle borde og rum.
- Vores focus er toilet udnyttelse/aktivitet, arbejdsplads udnyttelse, mødelokale udnyttelse, arbejdsmiljøet (luftkvalitet og støj)



**"I THINK THERE
IS A WORLD
MARKET FOR
MAYBE FIVE
COMPUTERS."**

**THOMAS J.
WATSON**

