

Collaboration in digital technology; Together we make healing sensible again



Integrated digital technology for wellbeing, quality
and safety of patient and care team

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BIG4DATA
data·knowledge·profit



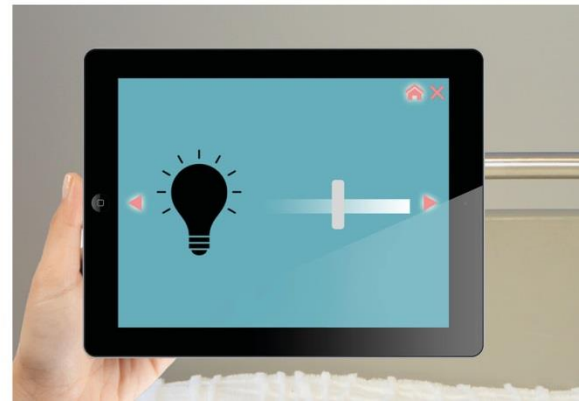
Radboudumc



2 mock-up rooms

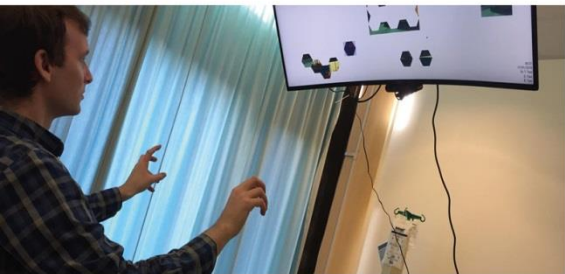


Relaxing environment.





Circadian rhythm – Rest at night



Virtual Reality.





**Communication for quality,
safety and wellbeing.**



Integration of technologies and the IT infrastucture.





What you get with Ouva?

Diverse datasets for AI models

Validated AI models & algorithms

Certified scalable machine learning
infrastructure

Ethical, compliant AI pipeline



Mobility



Patient mobility decreased last three days.

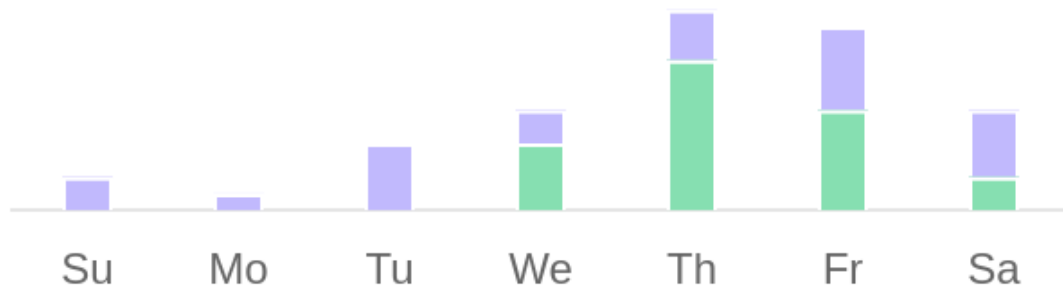
Today

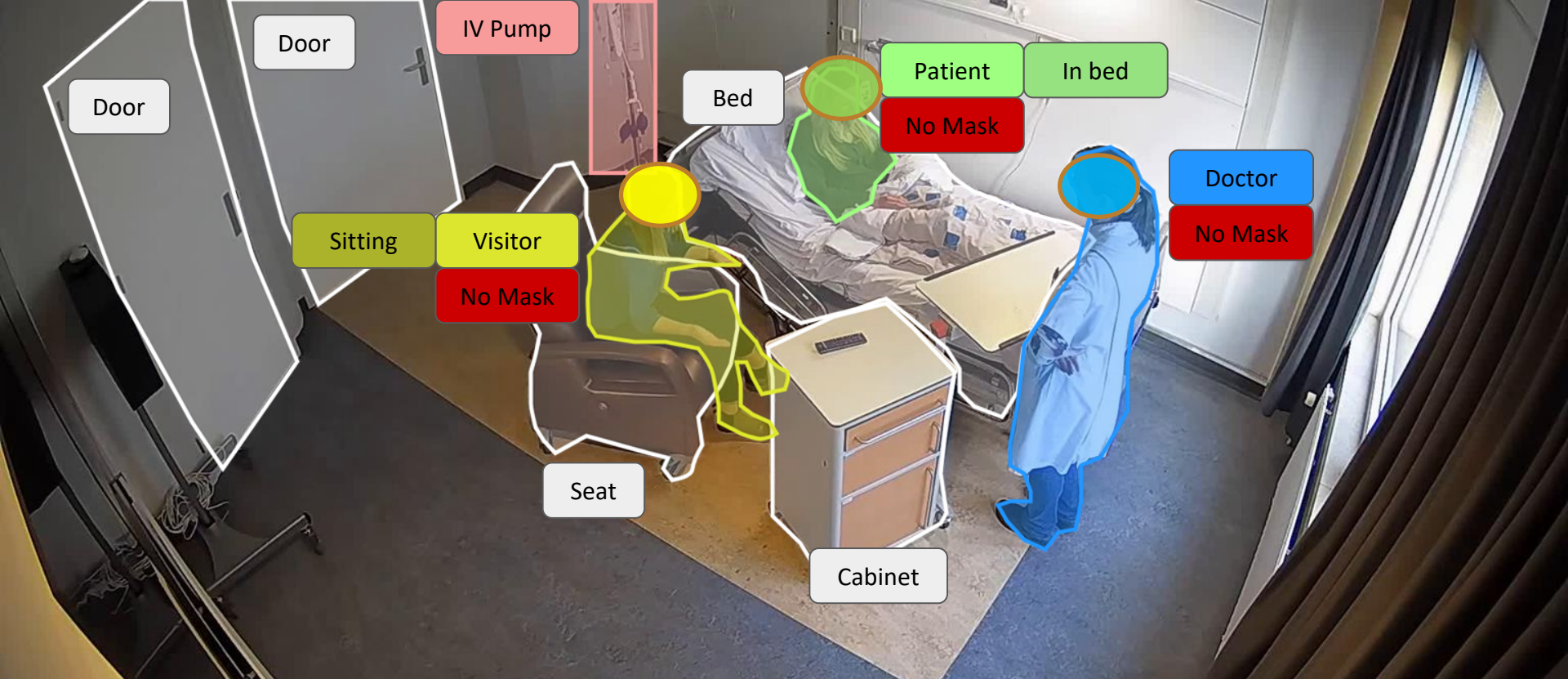


Walked 2 min



Stood 4 mins





Door

IV Pump

Door

Bed

Patient

In bed

No Mask

Doctor

No Mask

Sitting

Visitor

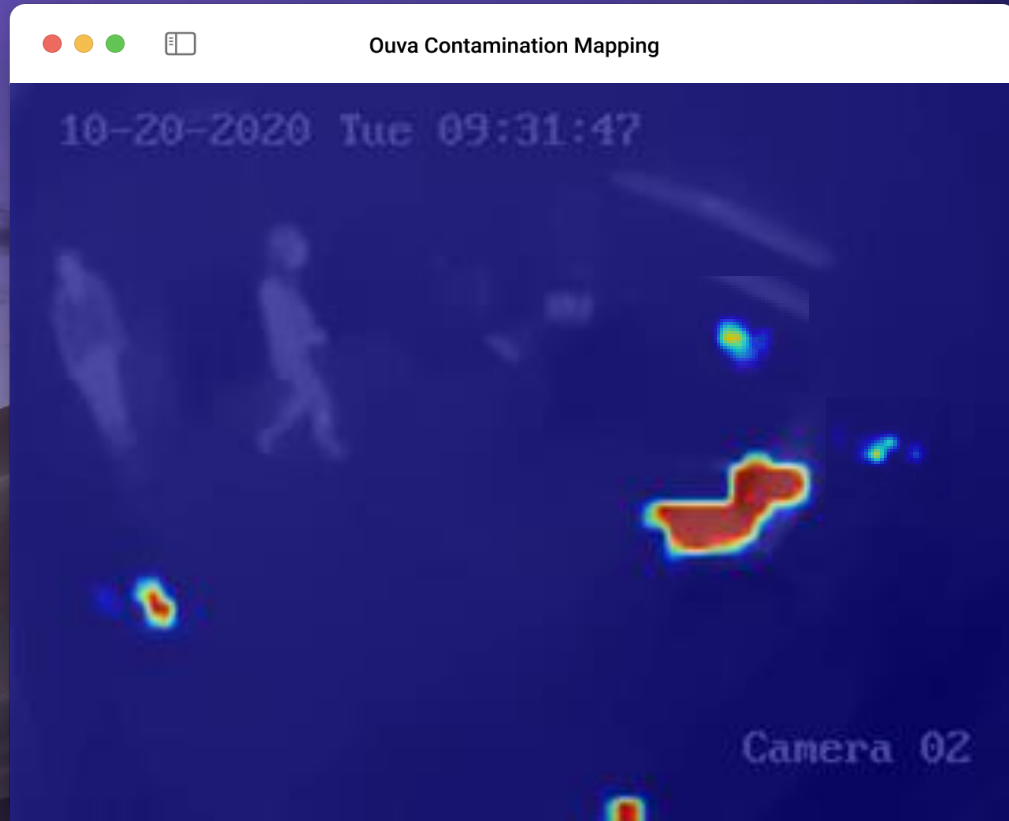
No Mask

Seat

Cabinet

Tracking PPE and peripherals

Privacy-preserving view into the room



Mapping contamination in the
patient room

demo.ouva.co

OUVA Neurology

N Neurology

Dashboard

Capacity 5

Rooms

Infection Control

Flow

Settings

Filter

Search beds by number, floor or patient

Occupied

N-501

In bed
13 mins ago

N-502

In bed
13 mins ago

N-503

Out of bed
13 mins ago

N-504 Nurse

+

Round in progress
13 mins ago

N-505

High contamination
Just now

N-506

In bed
13 mins ago

N-507 Nurse

+

Round in progress
13 mins ago

Vacant

N-508

Ready
13 mins ago

N-509

Ready
13 mins ago

N-510

Ready
13 mins ago

N-511 EVS

+

Cleaning in progress
13 mins ago

N-512 EVS

+

Cleaning in progress
13 mins ago

OUVA

Neurology

Search or jump to...

📄 🔄 👤

N

Neurology

Dashboard

Capacity 5

Rooms

Infection Control

Flow

Settings

Filter

Search beds

Occupied

N-501

In bed

13 mins ago

N-502

In bed

13 mins ago

N-504 Nurse

Round in progress

13 mins ago

N-505

High risk

Just now

N-507 Nurse

Round in progress

13 mins ago

Vacant

N-508

Ready

13 mins ago

N-509

Ready

13 mins ago

N-511 EVS

Cleaning in progress

13 mins ago

N-512 EVS

Cleaning in progress

13 mins ago

N-505

Occupied

Room

Patient

Contamination 1

Equipment

Recommended Actions

⚠️ Schedule Cleaning

This room has high risk of contamination. Schedule cleaning to avoid infection risks.

Schedule

Contamination Risk

⚠️ Very High

Last Cleaning

3 days ago

Events

Patient contact

Maskless contact

Contamination Map

Radboud university medical center

www.r4heal.nl



European Union



European Regional Development Fund



Radboudumc