



Building the ultimate AI nurse companion

The problem

Nursing shortage

13,000,000

Hospitals worldwide are projected to be understaffed by 13M nurses in 2030 (Nursing Times)



## The job of a nurse

### Nurses are great at caring for patients

We know that humans are far superior at caring for other humans. Lack of human interaction in the hospital is shown to have a large impact across the board. We want to create more time for human to human interaction. The problem is, it's expensive and health care staff have a ton of other tasks to do.

### Computers are great at detailed observation and organized record keeping.

We propose a future where computers take all observation and documentation related work in hospitals and care homes.



Solution

# Complete automation of observation and documentation

A multimodal AI enabled system that fully automates observation and documentation related tasks in healthcare. Letting nurses work with patients instead of being custodians of the ward.



First product

Teton One

**Commercial stage**

Teton One reduces unintended events, reduces cost on staffing and reduces stress for staff.

Overview of the entire ward

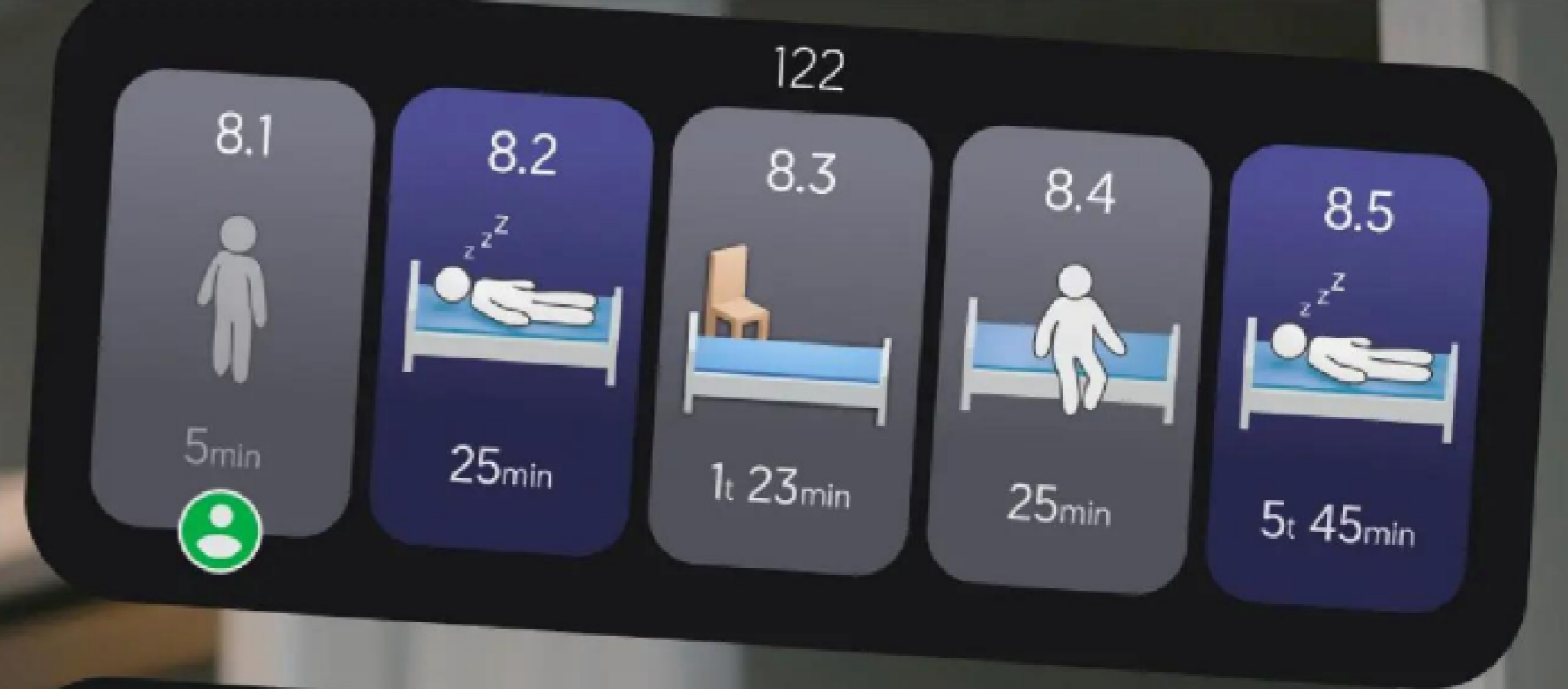
The system creates an anonymized overview of the ward.

Tracking patient behavior and staff interactions, so every staff member is up to speed.

Virtual sitter

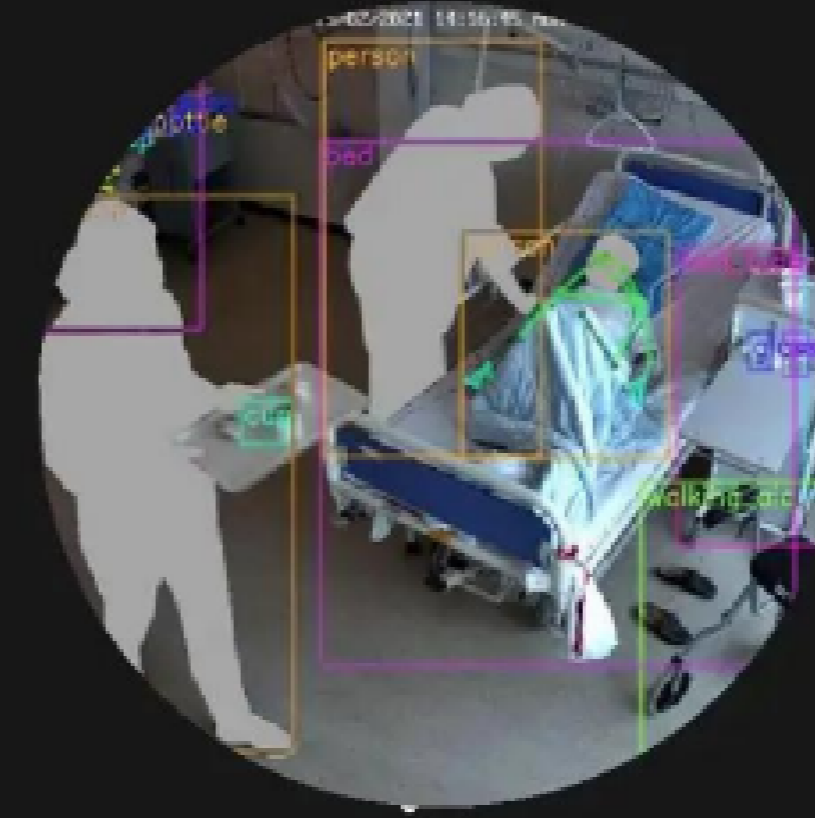
Limiting the amount of sitters needed in the ward.

As Teton One will alert the staff of any patient changes.



## The tech

- The Teton One system is built on a powerful "General spatial intelligence" engine.
- The engine serves as a base-layer that generates data about the patient and his/her environment.
- The data is then fed to the individual applications that make up the Teton One ecosystem.
- A fundamentally different approach to patient monitoring and workflow management.
- The goal of getting beyond human capabilities in both variety and precision.



### Engine process

The engine understands objects, people, actions and the contextual interplay between them



### Teton One physical device

High performance edge computing  
4k infrared camera

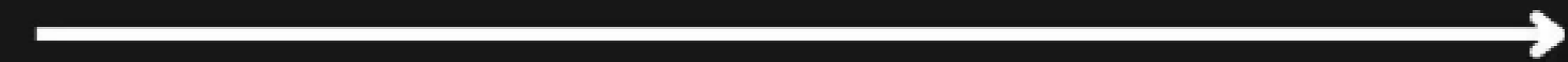


### Visual input

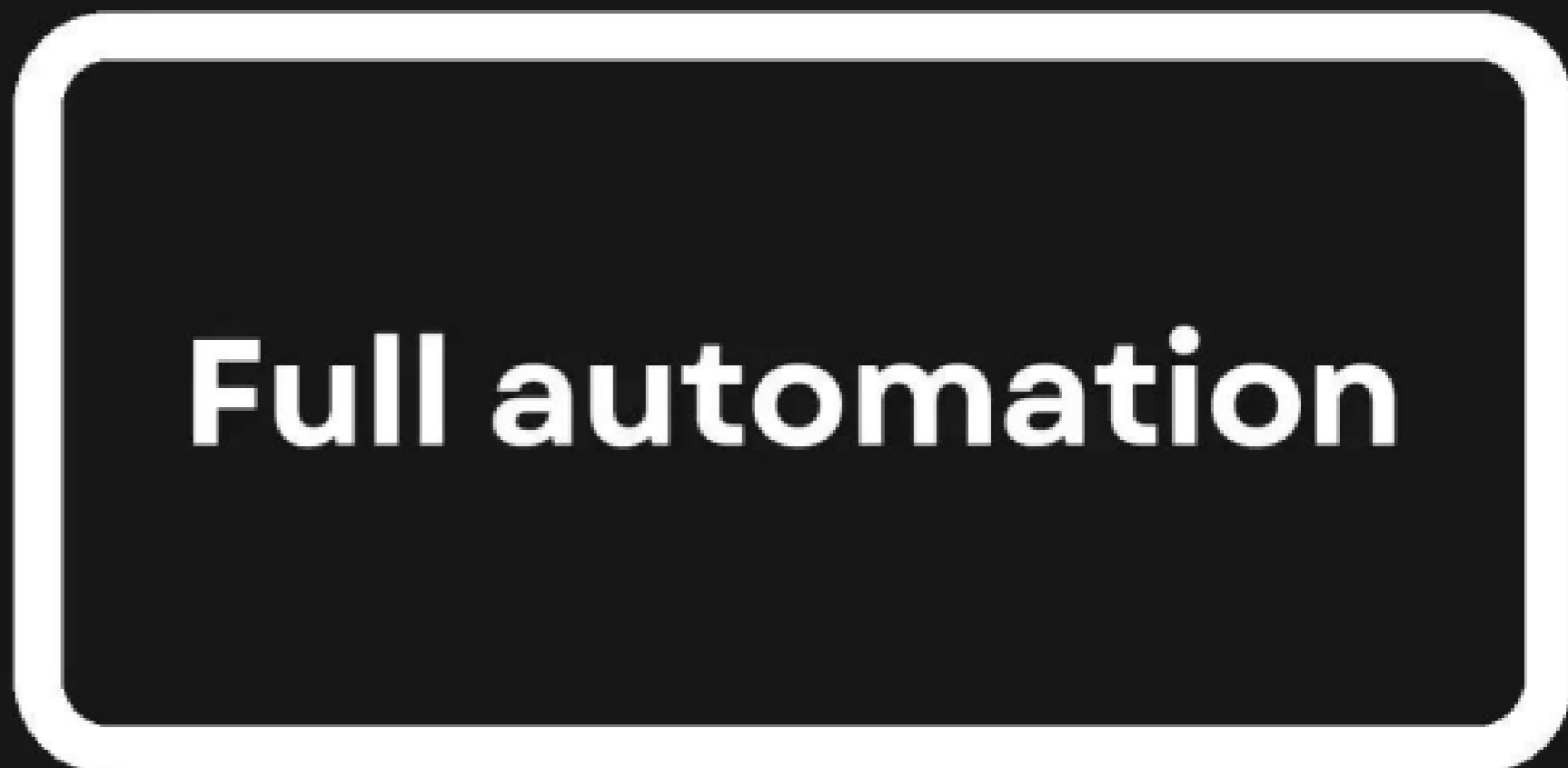
The system takes in normal images and runs them through the engine before deleting them again



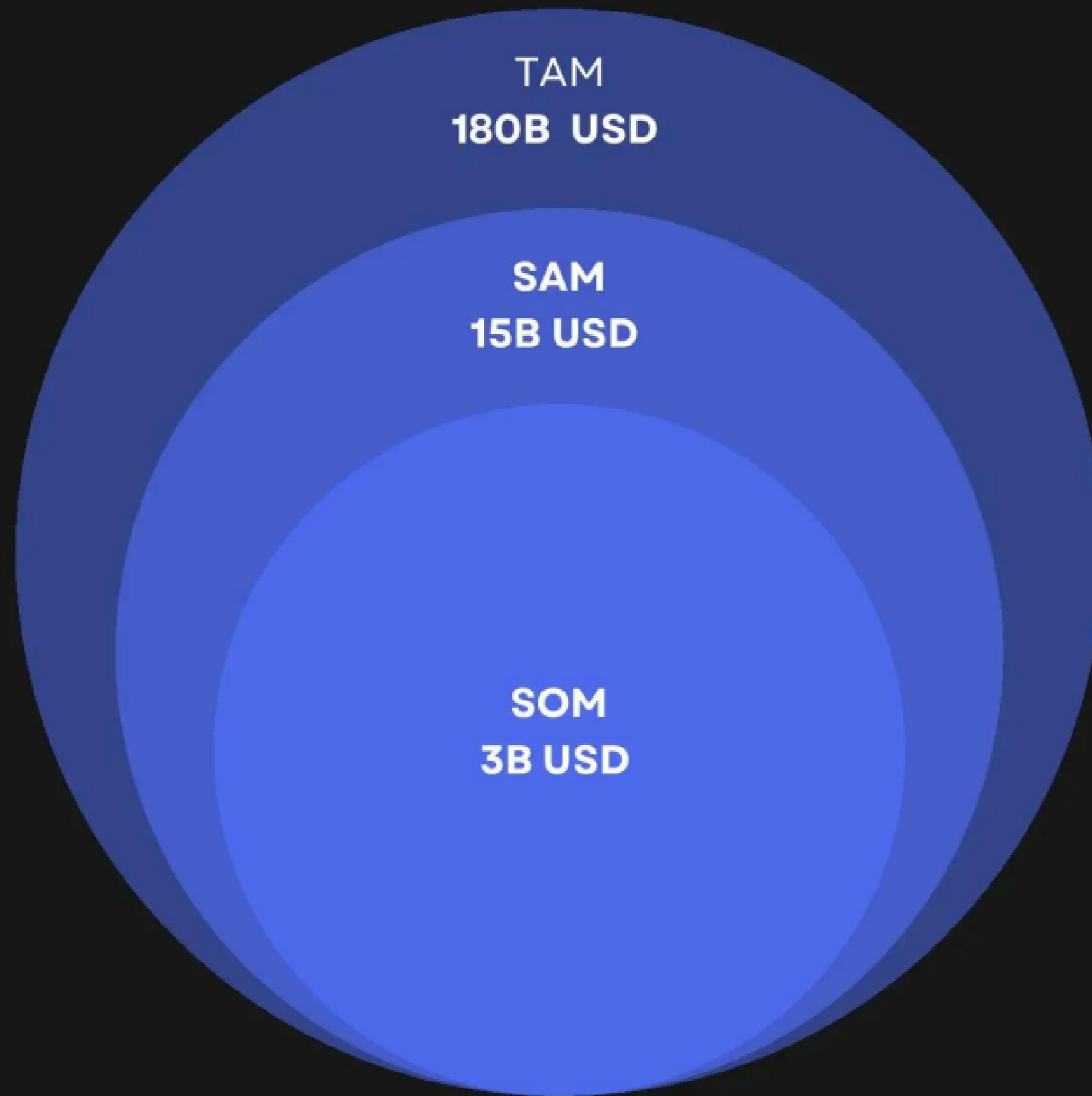
# Product vision



Shipping intermediaries



## Market size



### TAM US/EU/Pacific

Hospitals, Home care, Carehomes (Developed countries)

### SAM

- General care/Dementia care beds EU/US

### SOM

- Ultra high staffing need in Stroke/Geriatric/Dementia care





Business model

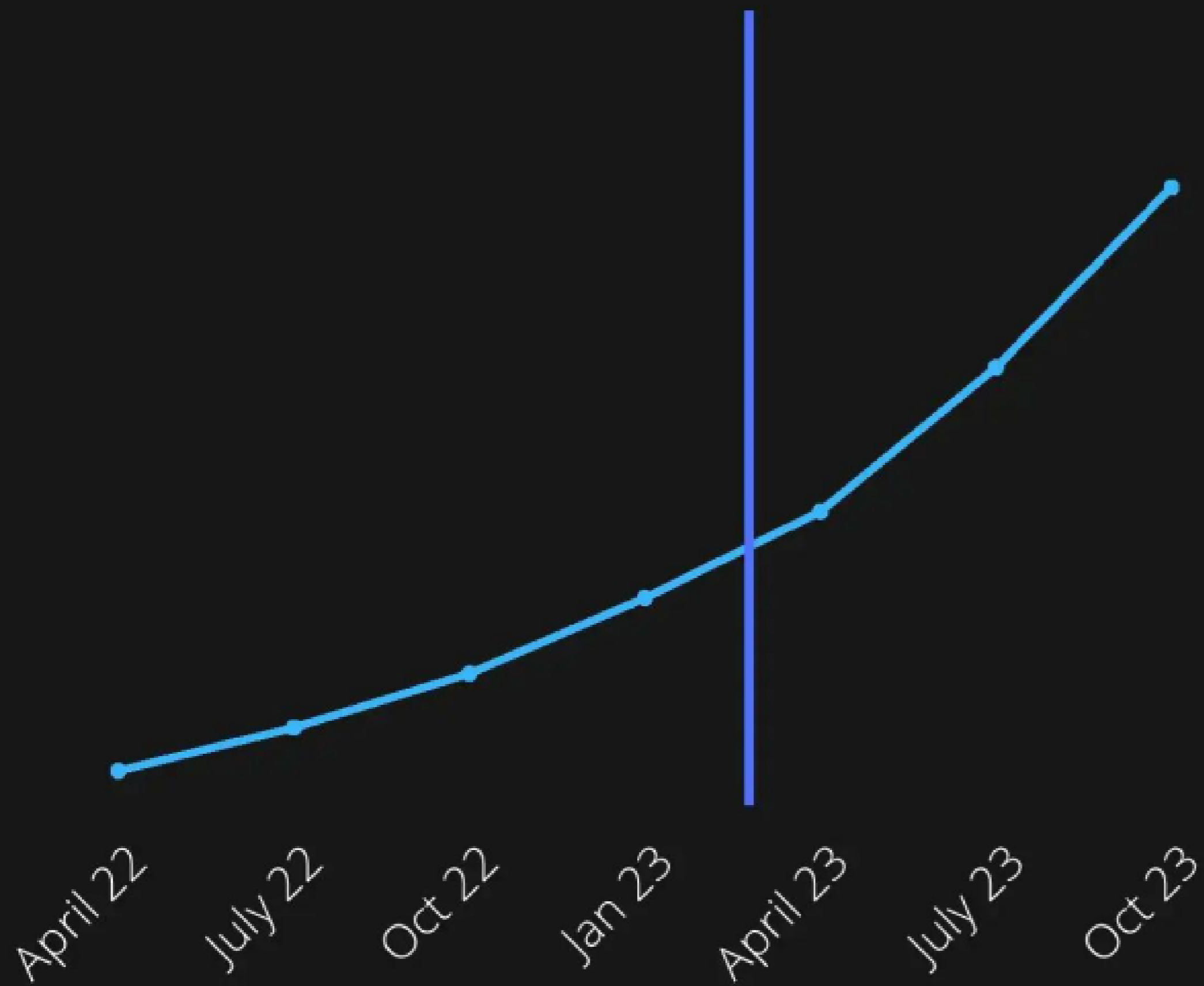
## **Solution as a service**

Everything included

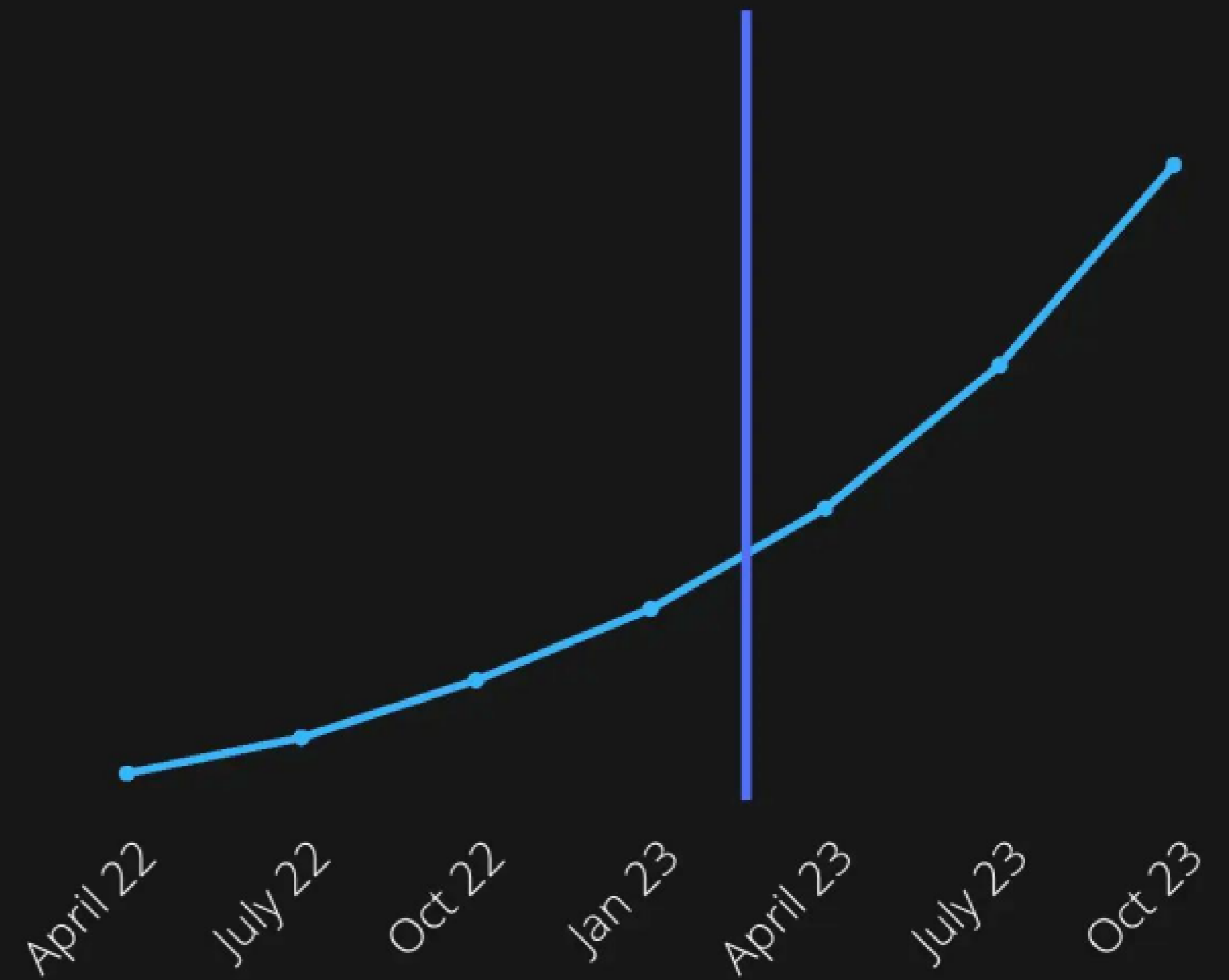


Traction

## Revenue \$ ARR



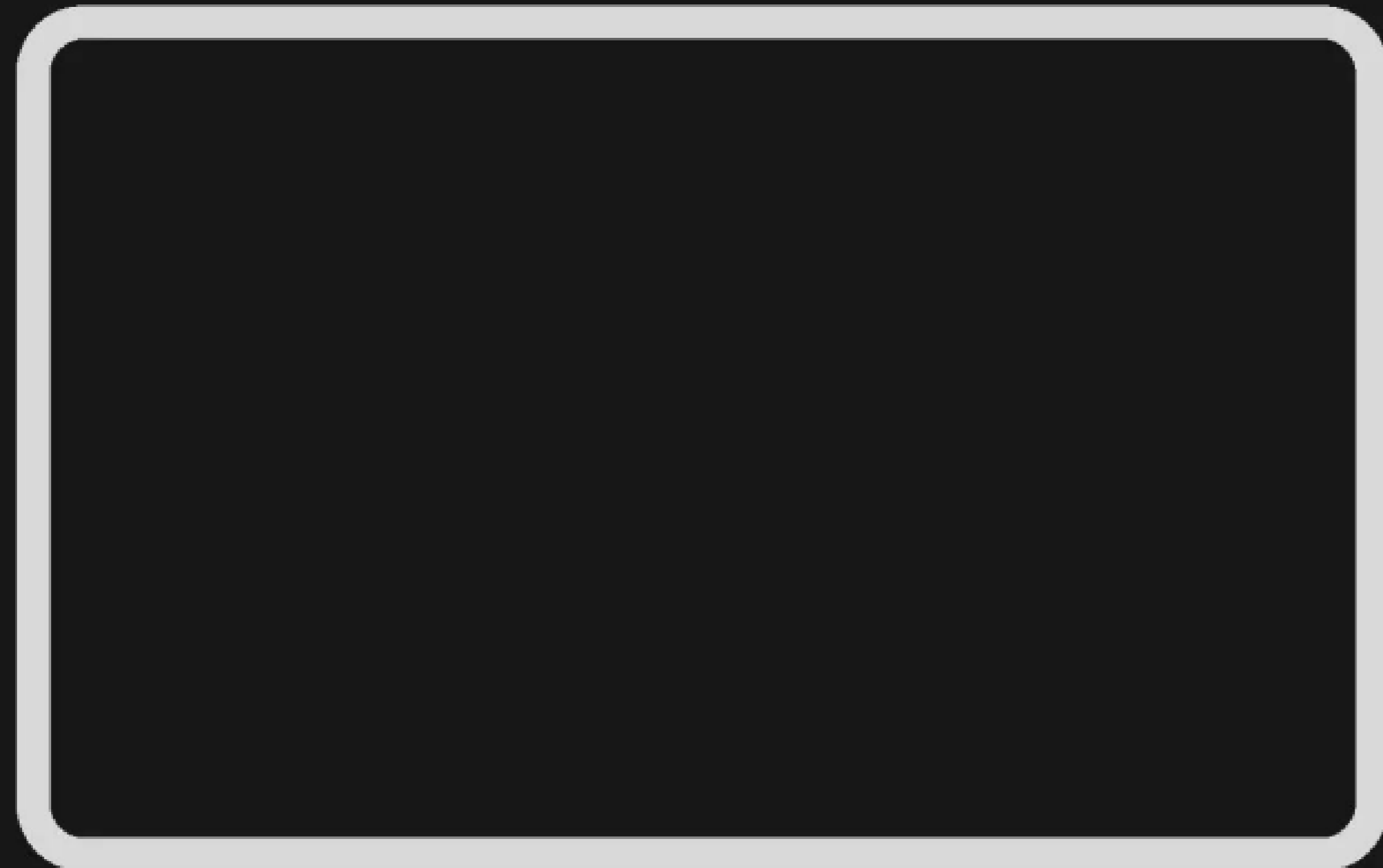
## Hours monitored



# Competitive landscape

## 1st generation:

Simple motion detection alarms and surveillance



## 2nd generation:

Fall detection + guidance (Vitals)

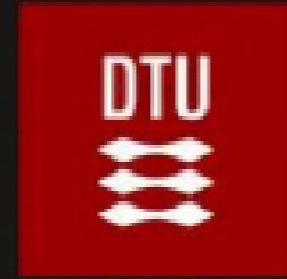


## 3rd generation:

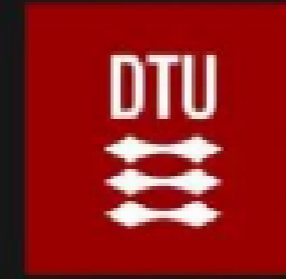
Automate whole workflows



# Core team



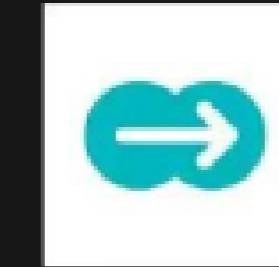
**Mikkel Wad Thorsen**  
CEO & Co-founder  
M.Sc. Product design/CS



**Esben Klint Thorius**  
CTO & Co-founder  
Human-centered AI



central  
saint martins



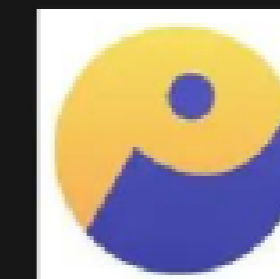
**Julius Breitenstein**  
Design lead  
MA interaction design



**Camille Strøe**  
Operations manager  
BA. Arts



**Roland Kajatin**  
Computer vision engineer  
M.Sc. Autonomous systems



**Louis Arge**  
Software engineer  
Self-taught



**Luis Silva**  
Software engineer  
M.Sc. Computer & telematics



Thank you!



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