



...

computer vision health solutions

[www.heartwatch.io](http://www.heartwatch.io)

## A personal story



My grandfather spent 2 years in **Long-Term Care**  
1<sup>st</sup> year in **home-care**, 2<sup>nd</sup> in a **nursing home**

# Worldwide problems of Long-Term Care



**200mil** people need **Long-Term Care**



**Not enough** caregivers  
to cover demand

*"During nights, on average, 2 nurses to cover 120 beds"*



Medical tools are good for  
**short-term** monitoring

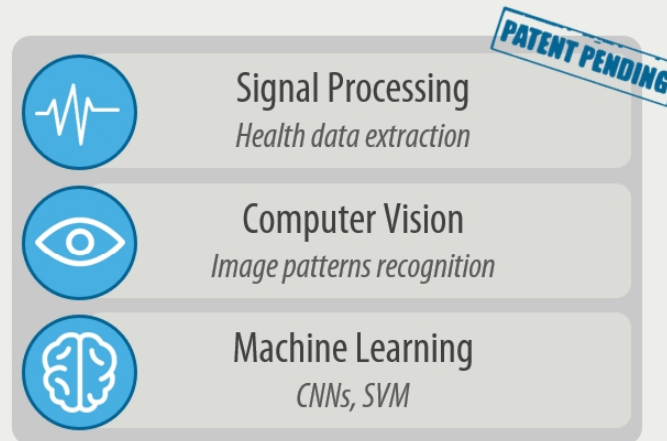
*Not automated, and very invasive*

# HeartWatch

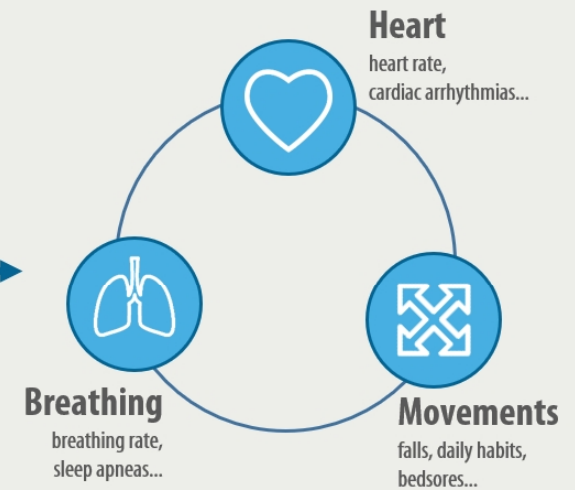
computer vision health solutions



**Video Stream**  
provided by HeartWatch's  
or 3<sup>rd</sup> party camera\*

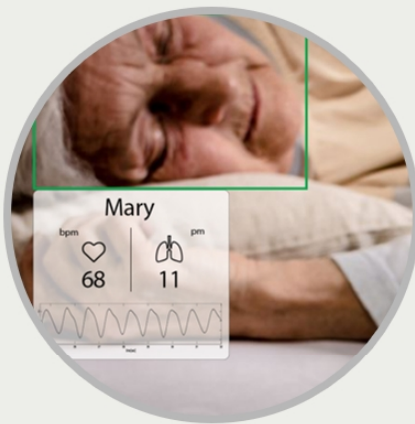


**HeartWatch Platform**  
CE Class IIa Medical Device\* Software



**Health Status**  
Processed in real-time by  
HeartWatch Platform

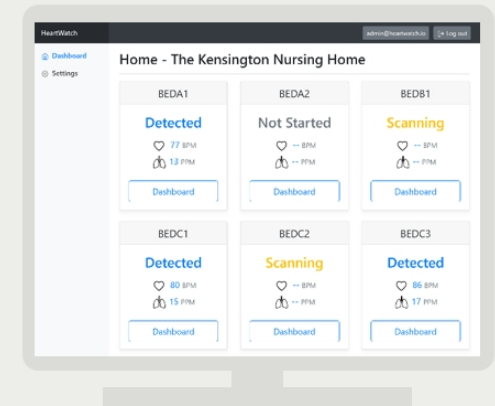
# How does it work?



+



=



**Patient**  
*lying in his bed or  
moving slowly*



**Video Stream**  
*provided by HeartWatch's  
or 3<sup>rd</sup> party camera\**



**Caregiver's Dashboard**  
*alerts, data analytics,  
health records integration*

# Technology Demo



--  
beats/min



--  
breaths/min



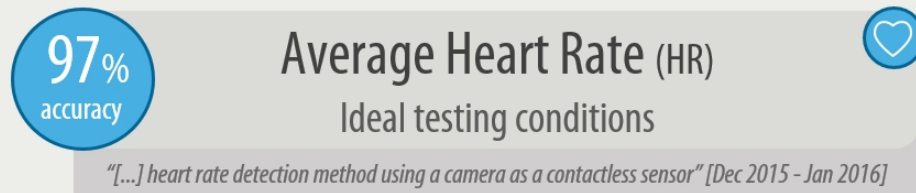
Patient Status

Detected



# Our scientific validation

## Publications



**+3 more** published on major biomedical journals\*

## Clinical Trials



*Accuracy has been tested against medical-grade Heart and Breathing monitoring tools*



# Total Addressable Market for Long-Term Care (EU-15 + Switzerland)

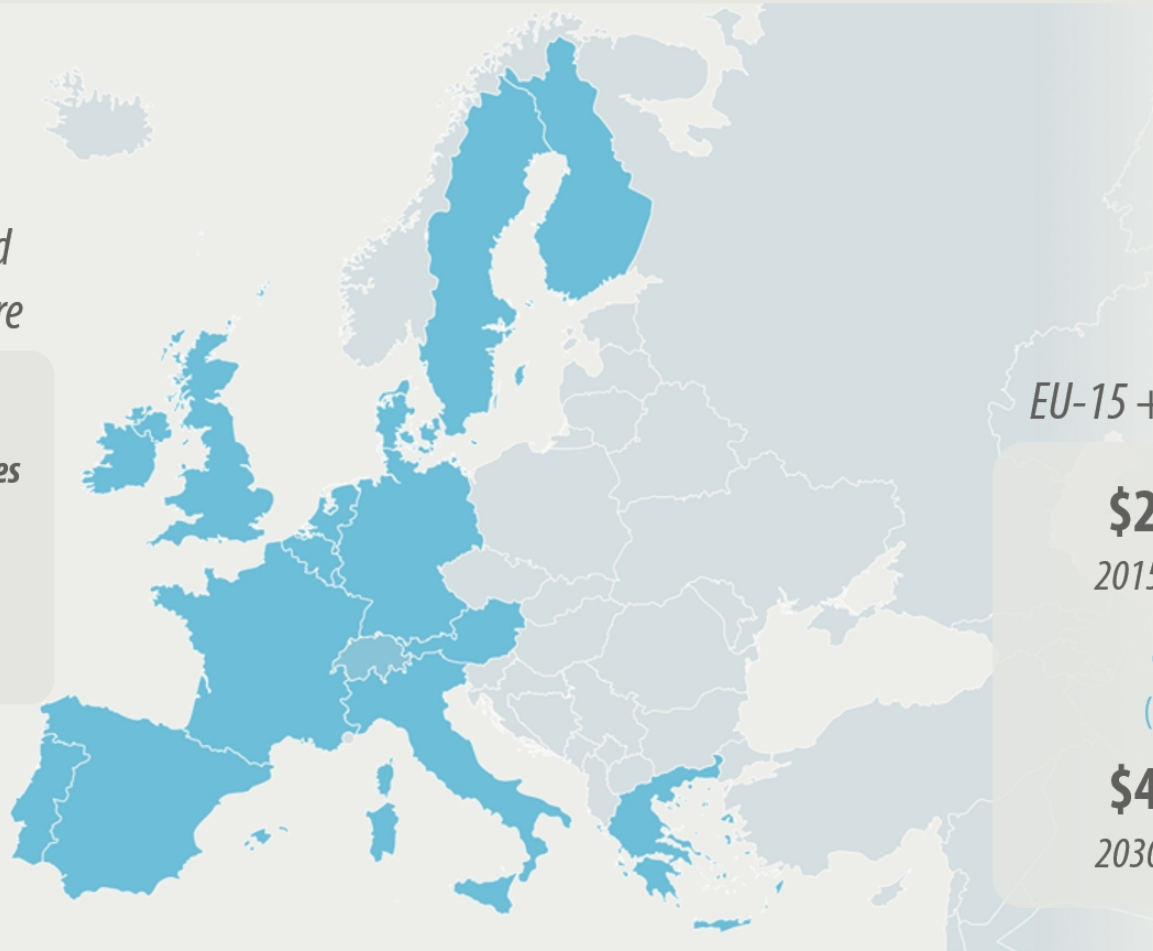
*Officially registered  
people receiving care*

**3,276,696**

*in more than **52k facilities**  
in UK, DE, FR, IT, SP\**

**7,117,749**

*at home*



*EU-15 + CH Market Size*

**\$221 billion**

*2015 Market for LTC*

**+83%**  
*(4,1% CAGR)*

**\$405 billion**

*2030 Market for LTC*



# Scalable on many verticals

## Healthcare



Elderly monitoring, home and clinics



Baby monitoring



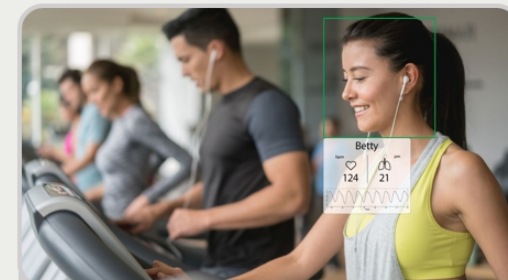
Rehabilitation



Automotive

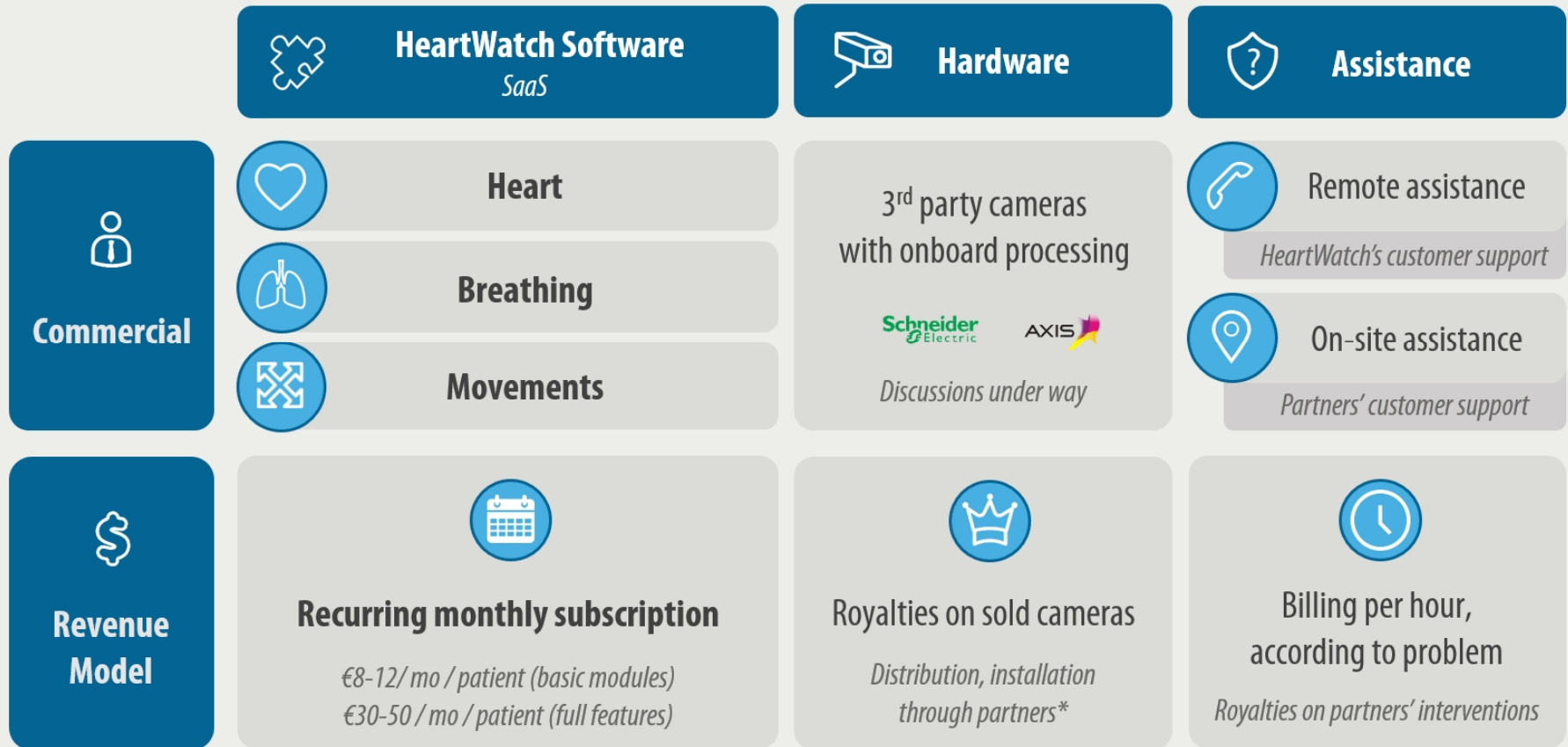


Security



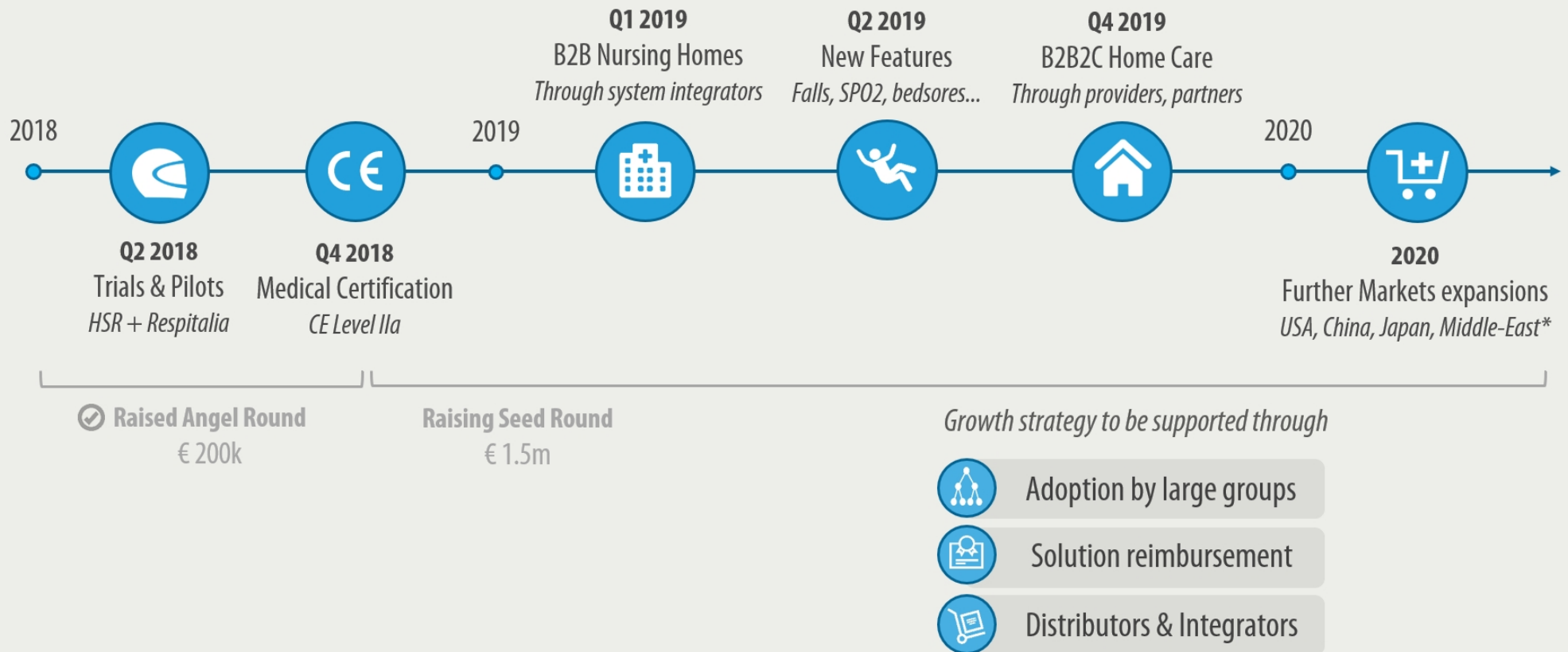
Fitness

# Business Model

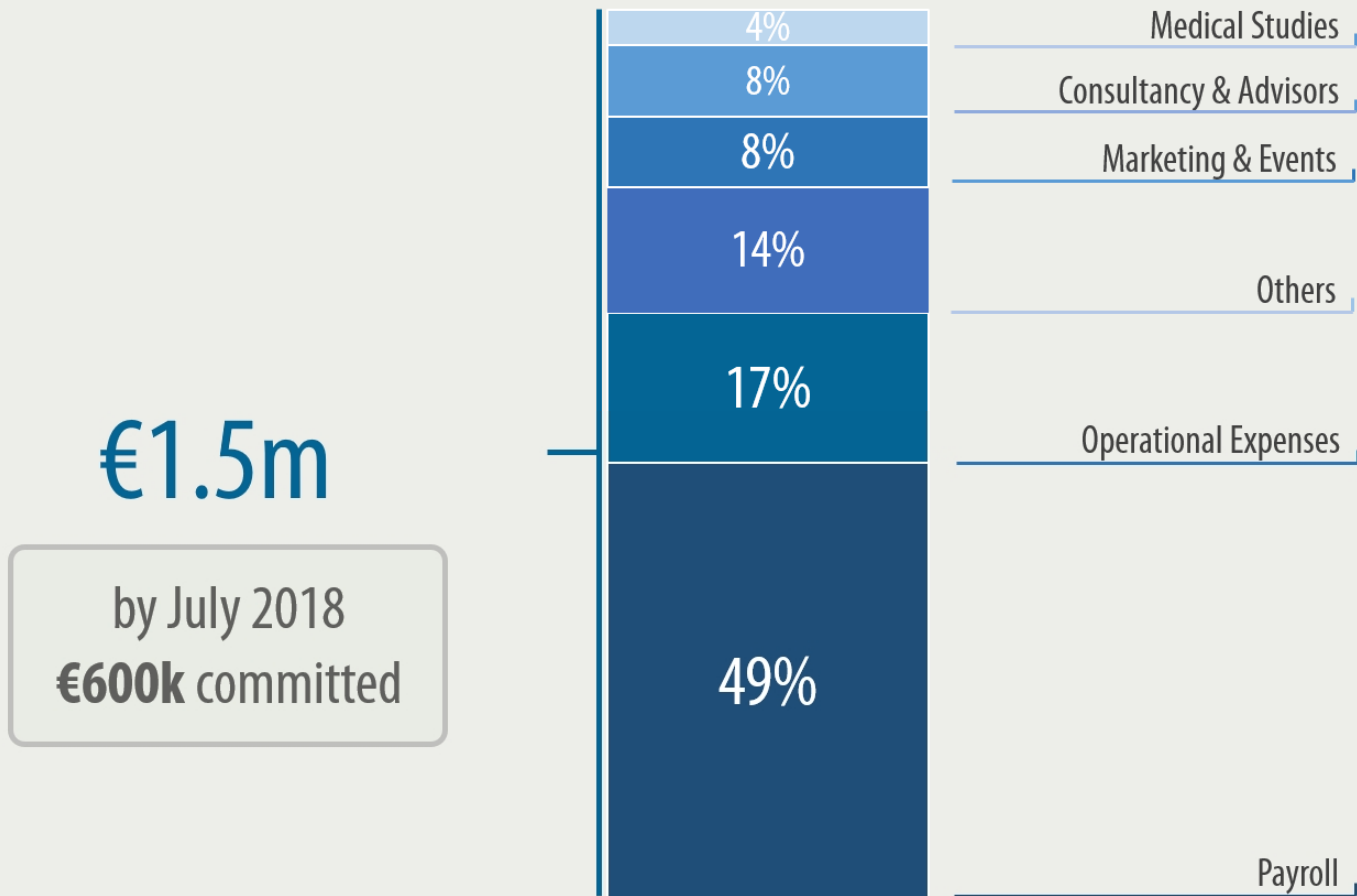


Check Business Plan for further details – \*Distributors to be connected to leads through internal salesforce

# Roadmap



## Fundraising



# The team



**Luca Iozzia**

**CTO & Co-Founder**  
PhD @Polytechnic of Milan



**Guido Magrin**

**CEO & Co-Founder**  
Software/Business Dev



**Roberto Salamina**

**CMO & Co-Founder**  
Business Developer @i2a

Core Team



**Maria Tirindelli**

Biosignal Analyst  
Technical University Munich



**Francesco Lana**

Full-Stack Engineer  
Microsoft, Avanade



**Abdallah Zeggada**

Computer Vision Engineer  
PhD @University of Trento



**Alice Ravizza**

Quality Responsible  
PGG Scientific

Advisory



**Stefano Benussi, MD**

Director Cardiac Surgery Program  
University Hospital Zurich



**Domenico Cianflone, MD**

Director Cardiovascular Rehab  
San Raffaele Hospital of Milan



**Riccardo Barbieri**

Biomedical Engineering Prof.  
MIT Boston



**Enrico Deluchi**

Former Managing Director  
Canon Italy



**Massimo Lucchina**

Head of Strategy & Innovation  
Samsung Electronics



**Luca Munari, MD**

Healthcare Executive  
Niguarda, Accura, Respitalia

# What are we looking for?



## Investments

€1.5m Seed Round by September 2018



## Strategic Partners

World-wide, to boost market entry



Cameras manufacturers



System integrators



Scientific validation



Medical distributors



## Exceptional Advisors

Medical, technical, business, distribution



Guido Magrin  
CEO & Co-Founder  
**[guidom@heartwatch.io](mailto:guidom@heartwatch.io)**

*Main Partners*

