


# ME



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Expert eHealth Vilans  
Utrecht Area, Netherlands · 500+ connections · [Contact info](#)

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**About**


I have a background in Cognitive Ergonomics and a PhD in Gerontechnology at Eindhoven University of Technology. After my PhD, I did a Postdoc on senior gamers at the Game Experience Lab of the TU/e. I've published journal & conference papers and I'm active as a reviewer and editor of both. In addition, I am continuously involved in ... [see more](#)

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 **Impression of AAL Forum 2019!** <https://lnkd.in/efxan32> Klaus Niederländer Geja Langerveld Sofia Moreno-Pérez  
Henk Herman shared this  
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**Experience**

**TU/e** Technische Universiteit Eindhoven  
2 yrs 10 mos

- adviesraad Klinische Informatica**  
Jun 2017 – Present · 2 yrs 5 mos  
Eindhoven, Provincie Noord-Brabant, Nederland
- Senior Researcher (visiting)**  
Jan 2017 – Present · 2 yrs 10 mos  
Eindhoven  
Part-time senior researcher at Human-Technology Interaction (HTI) research group.

 **International Ambassador**  
European Knowledge Tree Group  
2017 – Present · 2 yrs  
London, United Kingdom

 **Associate Editor of Gerontechnology Journal**  
International Society for Gerontechnology (ISG)  
Sep 2015 – Present · 4 yrs 2 mos  
Gerontechnology: An international journal concerning technology to serve the aging society  
<http://www.gerontechnology.info>

 **Senior Researcher - Innovation & Research eHealth**  
Vilans  
Sep 2014 – Present · 5 yrs 2 mos  
Utrecht  
Project management NL & EU eHealth projects / teaching and supervisor of students / advisor on eHealth research and implementation / acquisition of NL & EU projects (Horizon2020, AAL).

# LONELINESS



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- 44 million lonely people across Europe
- Physical distance between older people and children is increasing
- Immobility and living longer at home
- Loneliness related to health and longevity

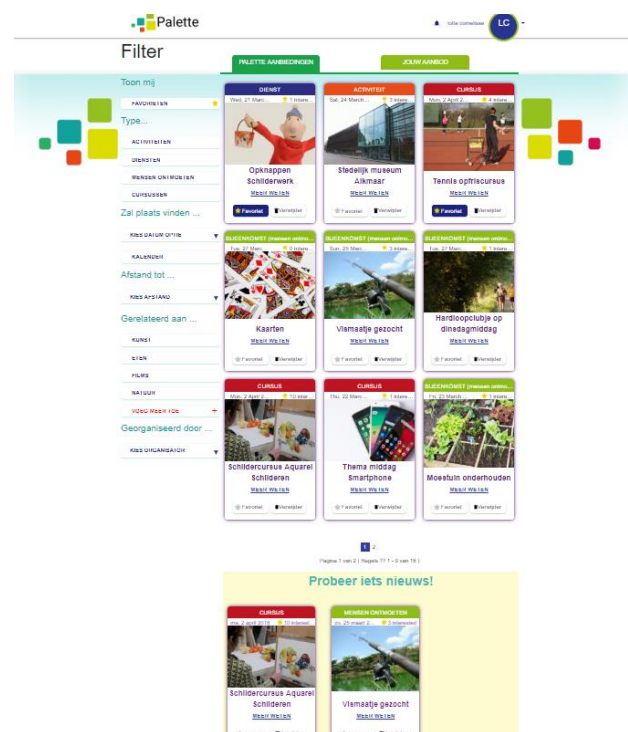




## Zo werkt Palette



## Gebruikers van Palette

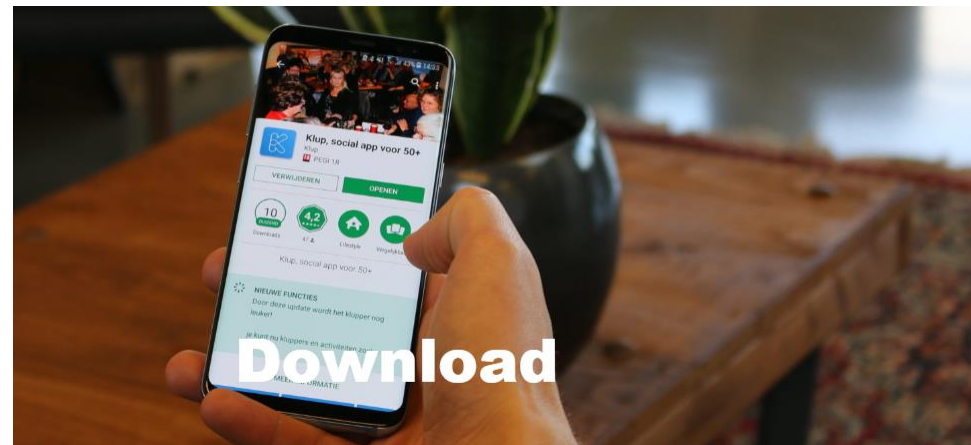




- Compaan tablet for social contacts
- Pilot with 60 seniors
- 85% experienced loneliness
- After 6 months, 25% experienced loneliness and 64% increased the social network (needs further validation)



- Kluppen
- Social app for 50+



# Solutions for frail seniors living alone



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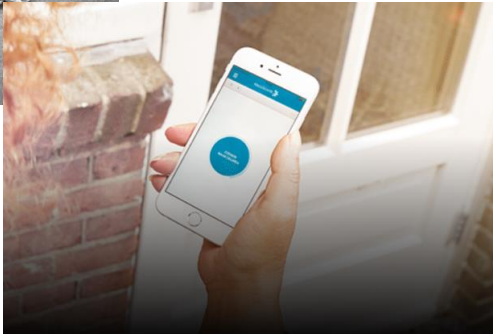








Digital key solutions



GPS

are you  
**okay** today



Lifestyle monitoring



Smart Diapers



Hip Airbag



Medicine dispensers

Smart Home applications



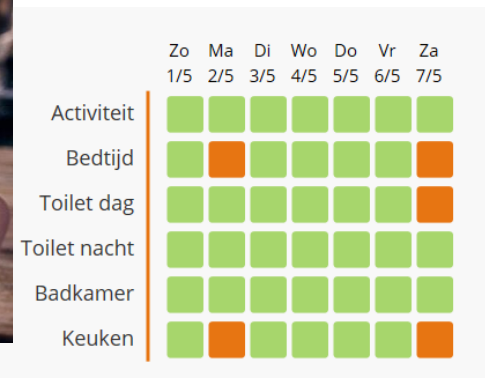
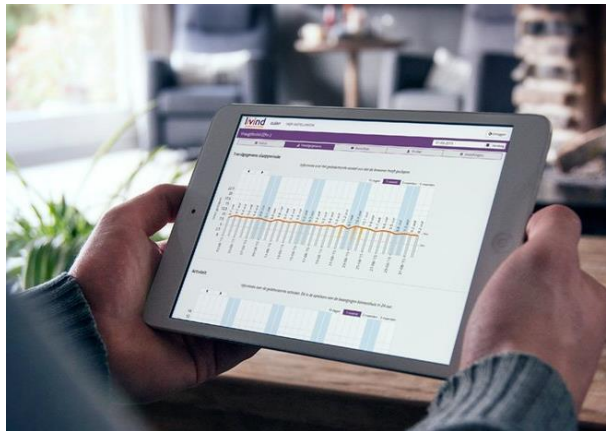
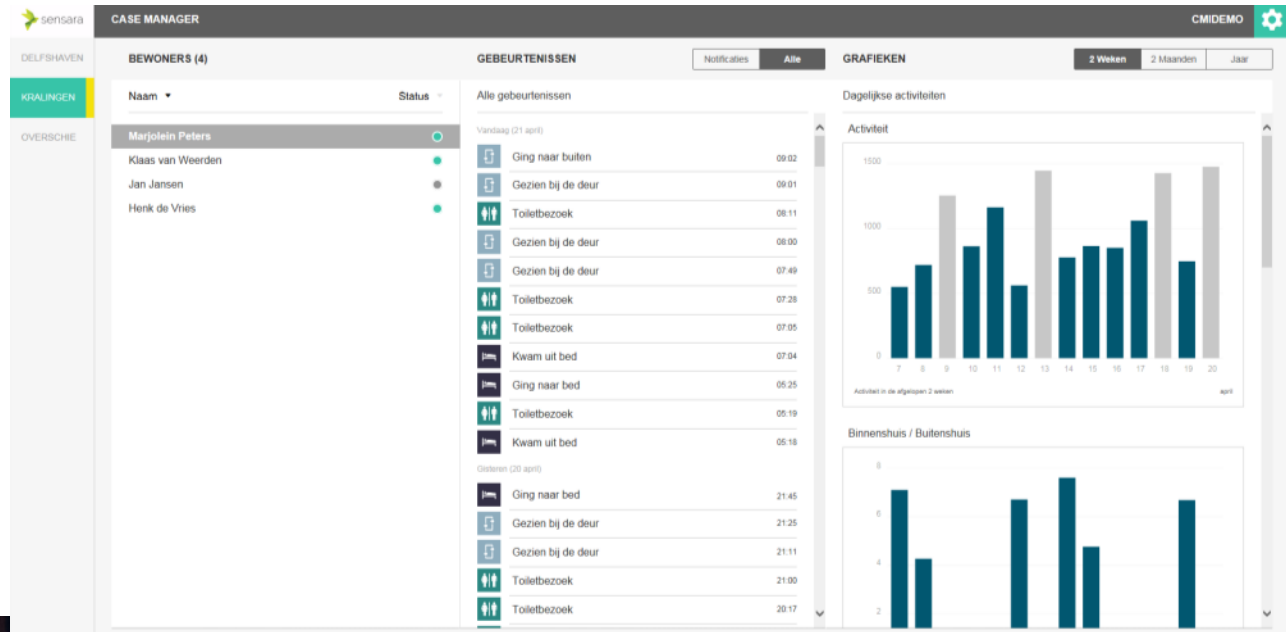
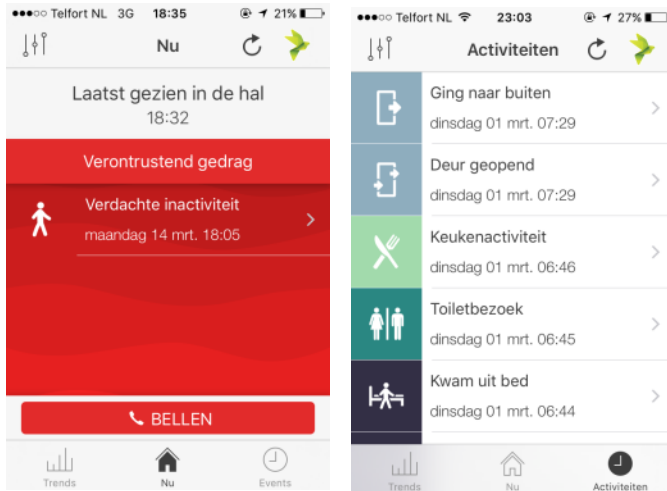
Support daily structure



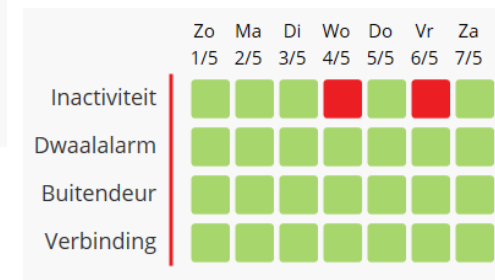




Sensara



Presentation of daily activity



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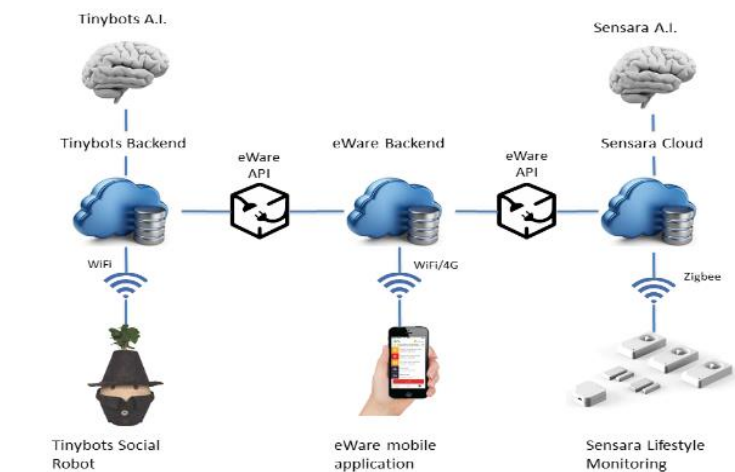


Figure 2 eWARE eco-system architecture

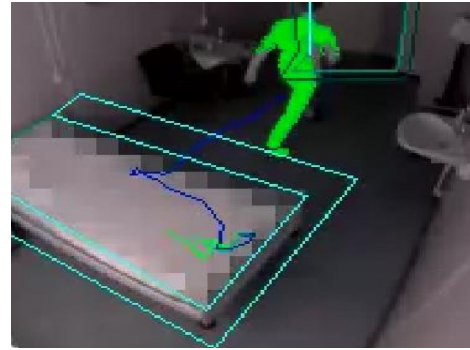




# Most promising AgeTech



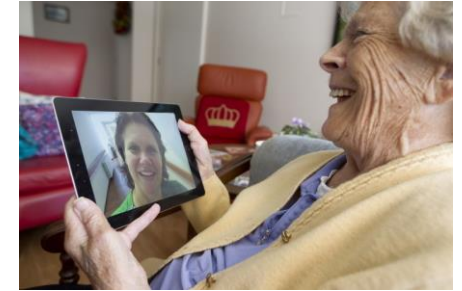
Lifestyle monitoring



3rd and 4th generation surveillance technologies



GPS tracking/life cirkels/PERS systems



Screen to screen care



Social care & communication platforms



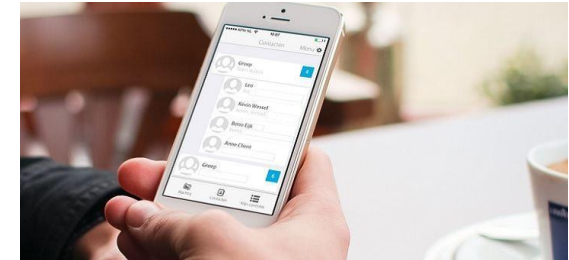
Medicine dispenser



Social robotics (Tinybots)



Smart diapers



Double medication check



Games for Health



Hip Airbag



# SENSORS, WEARABLES, IOT, PLATFORMS, AI

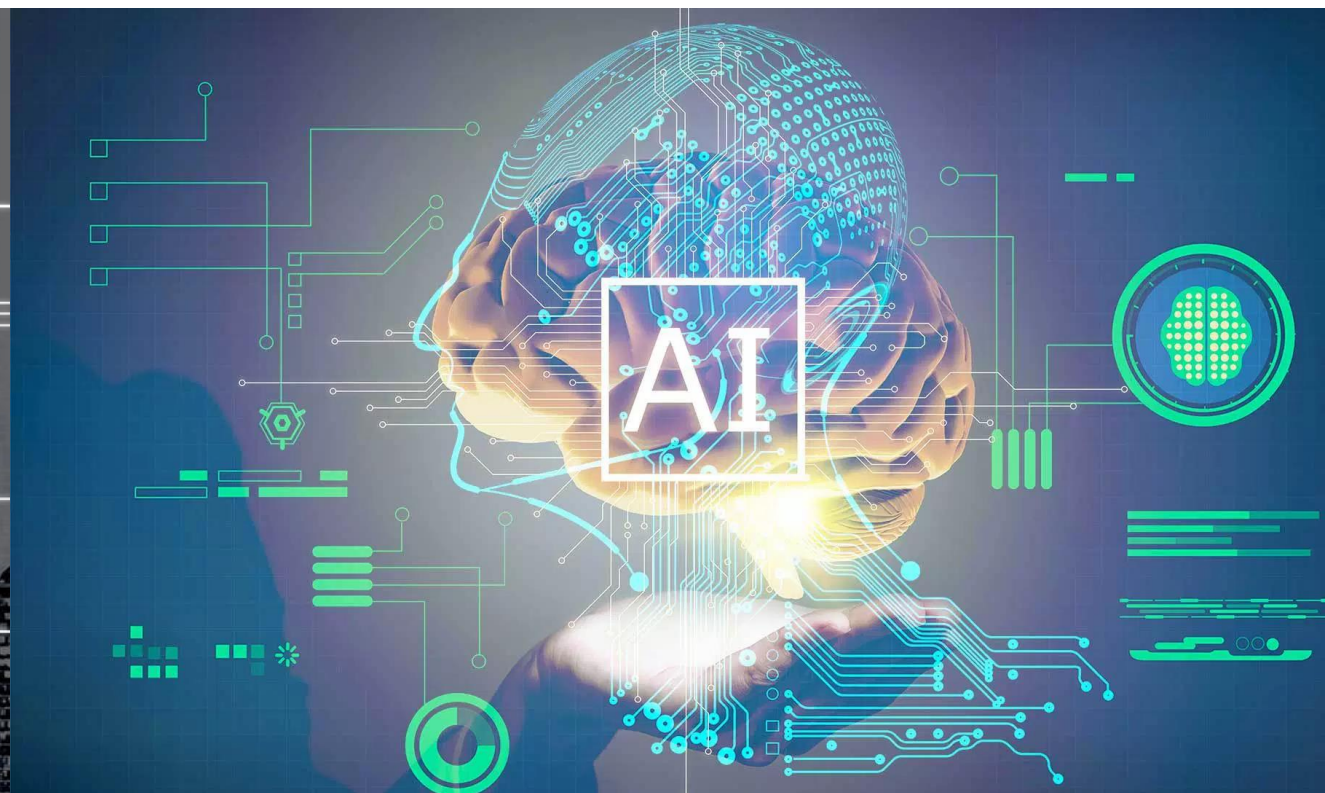


# We measure a lot...



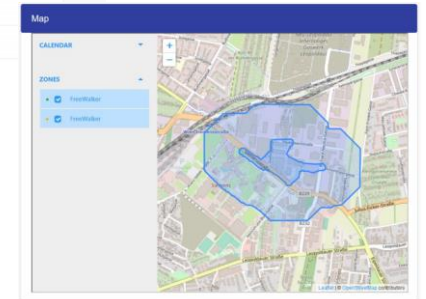
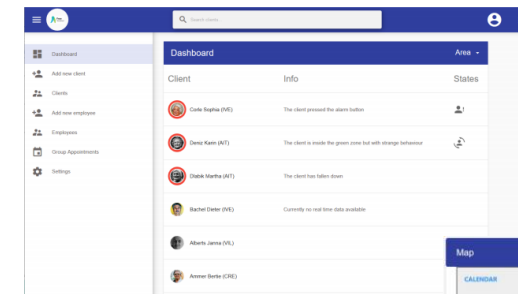
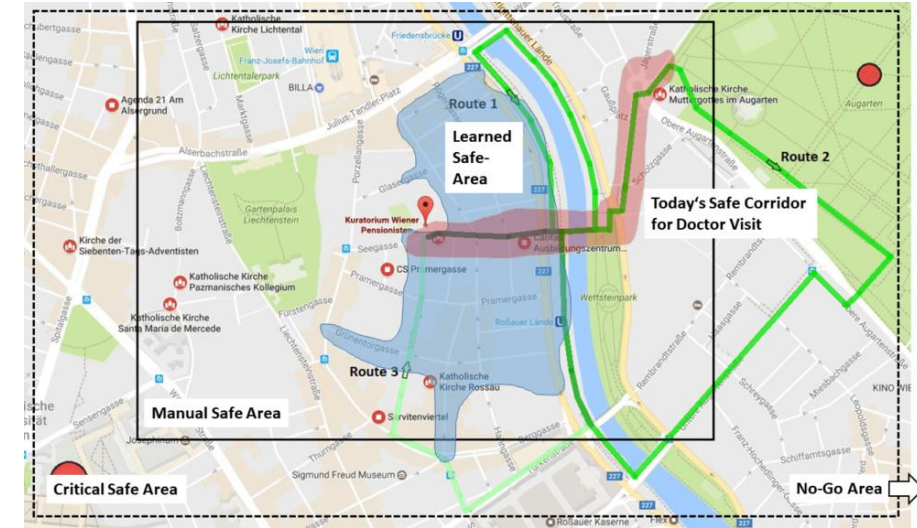
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# Free Walker





# Co-creation of data

- Objective & subjective data
- Confirmation by end-users on data
- Annotation of data



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