



SensFloor® - Cares for you

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Presentation Future-Shape GmbH

History and Management

Future-Shape GmbH, Höhenkirchen
Founded: 2005 by Christl Lauterbach
Privately owned
Core business: Sensitive Floor SensFloor®



Management:
Christl Lauterbach, CEO
Dr. Axel Steinhage, CTO
Erwin Burth, CMO



Presentation Future-Shape GmbH

From research to implementation



Research / Smart textiles



Hardware / Radio systems



Software algorithms / Apps



Production



Installation



Patients / Client data

SensFloor® High-tech sensor system

For a wide range of applications



Healthcare / AAL



Neurology / Rehab



Retail / trade fairs



Security



Manufacturing



Multimedia / Games

SensFloor® Care and SensFloor® Gait Assessment support

Health assessment support for doctors with

- Activity monitoring
- Gait recording

Fields of application

- Neurology
- Geriatrics
- Psychiatry
- Orthopaedics

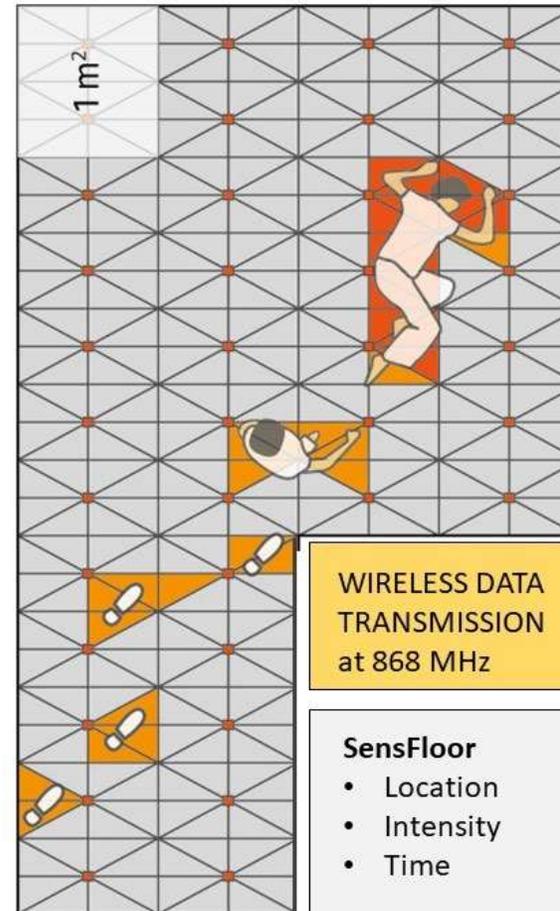


SensFloor® Sensitive floor

Multifunctional sensor system

SensFloor features

- Detects presence and number of persons
- Speed and movement direction
- Flexible – can be laid under any kind of flooring
- Robust – no mechanical parts
- Invisible and discreet – no visible components
- No cameras – respects user privacy



SensFloor Transceiver auf Raspberry PI 3 Basis



HDMI

ETHERNET

Bluetooth

Audio

USB

WLAN (Host)

8 Relays

Basic Functions

- Presence
- Direction
- Velocity
- Counting
- Person lying on the floor
- Self test

SensFloor® Care

Fall detection and prevention

Support in care process with

- Real-time fall alarm
- Activity alert for patients with risk of falls
- Orientation light controlled by presence instead of movement for more safety
- Interconnection to all nurse call systems according to DIN 0834



SensFloor® Care

At a glance

Up-to-date with the ward terminal

- Depiction of actual activities in all rooms
- Fast reaction to urgent events
- Optimization of pathways
- Documentation of falls
- Movement tracking available for each room

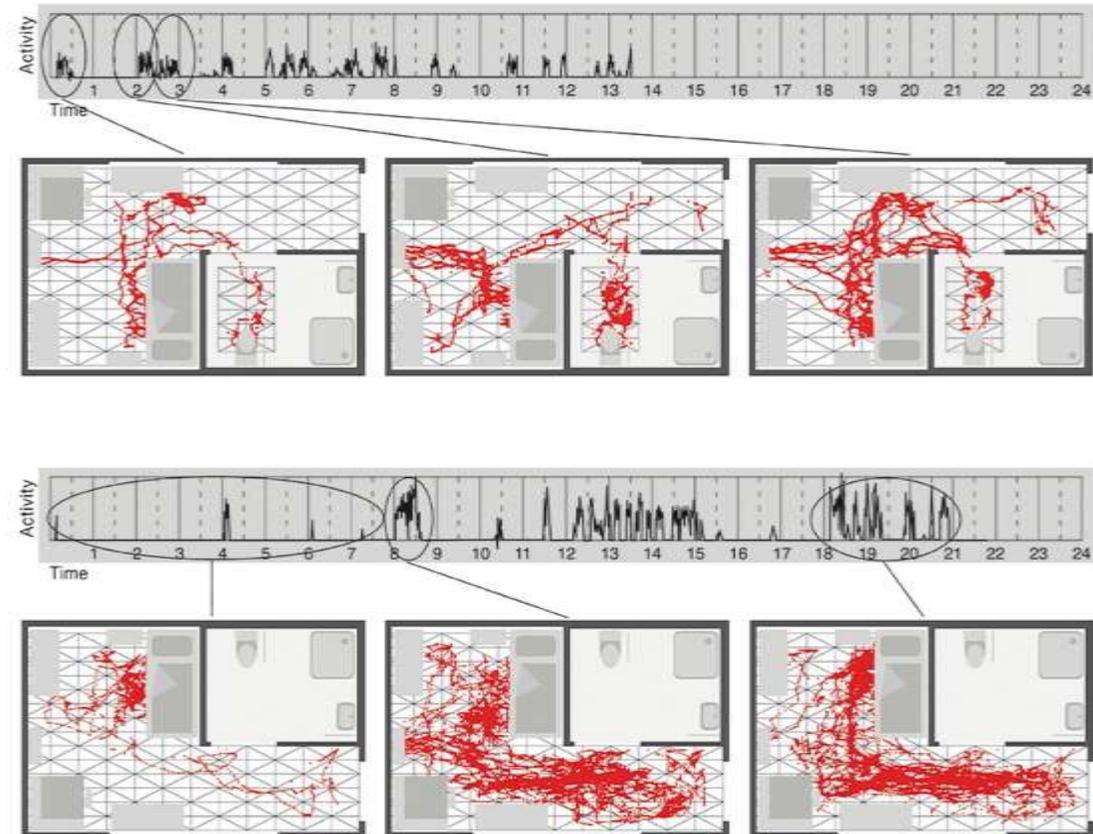


SensFloor® Care

Activity monitoring

Location and time specific movement tracking

- Documentation of time and duration of activity
- Assessment of health status
- Analysis of sleep behavior
- Documentation and reports
- Measurement of treatment success



SensFloor® Care

Benefits for Operator of Care Homes

- Better and more efficient processes
 - Better service and safety for the residents
 - Attraktive place to work (for care personal)
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- ➔ Reputation as a „modern“ and „state of the art“
 - ➔ High occupancy rate
 - ➔ Competitive advantage



SensFloor® Care

Benefits for Investors

- Building meets future requirement
 - Attractive for care operators
- ➔ Future-proof investment !



SensFloor® Care

Benefits for Residents/Patients

- More perceived security for patients and their relatives
- Positive impact on their well-being
- ➔ Happy and satisfied residents



SensFloor® Gait

For gait recording

Doctors gain valuable data for their assessments and are able to:

- Evaluate recovery progress following rehabilitation measures
- Assess effects of treatment
- Timely recognize the risk of falling
- Get indications for neurological diseases

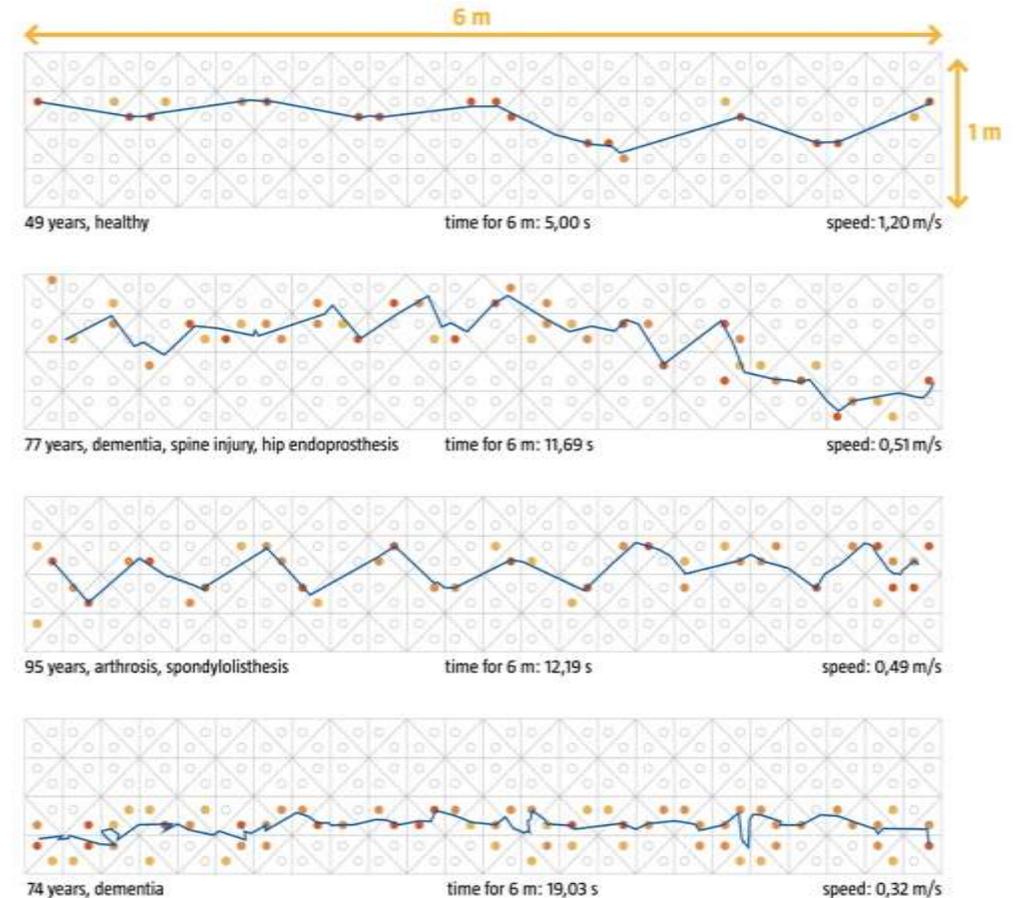


SensFloor® Gait

For gait recording

Record and document objective parameters

- Walking speed
- Asymmetric and instable gait pattern
- Data structured and saved for medical records



References SensFloor® in care homes

Fall detection and prevention

EHPAD LA RÉSIDENCE DR. MORITZ DU VAL
DU MODER PFAFFENHOFFEN (F) 2012



70 rooms/bathrooms equipped with SensFloor, fall detection and fall prevention by orientation light, activity alerts possible - acts as referee in France and recommends SensFloor

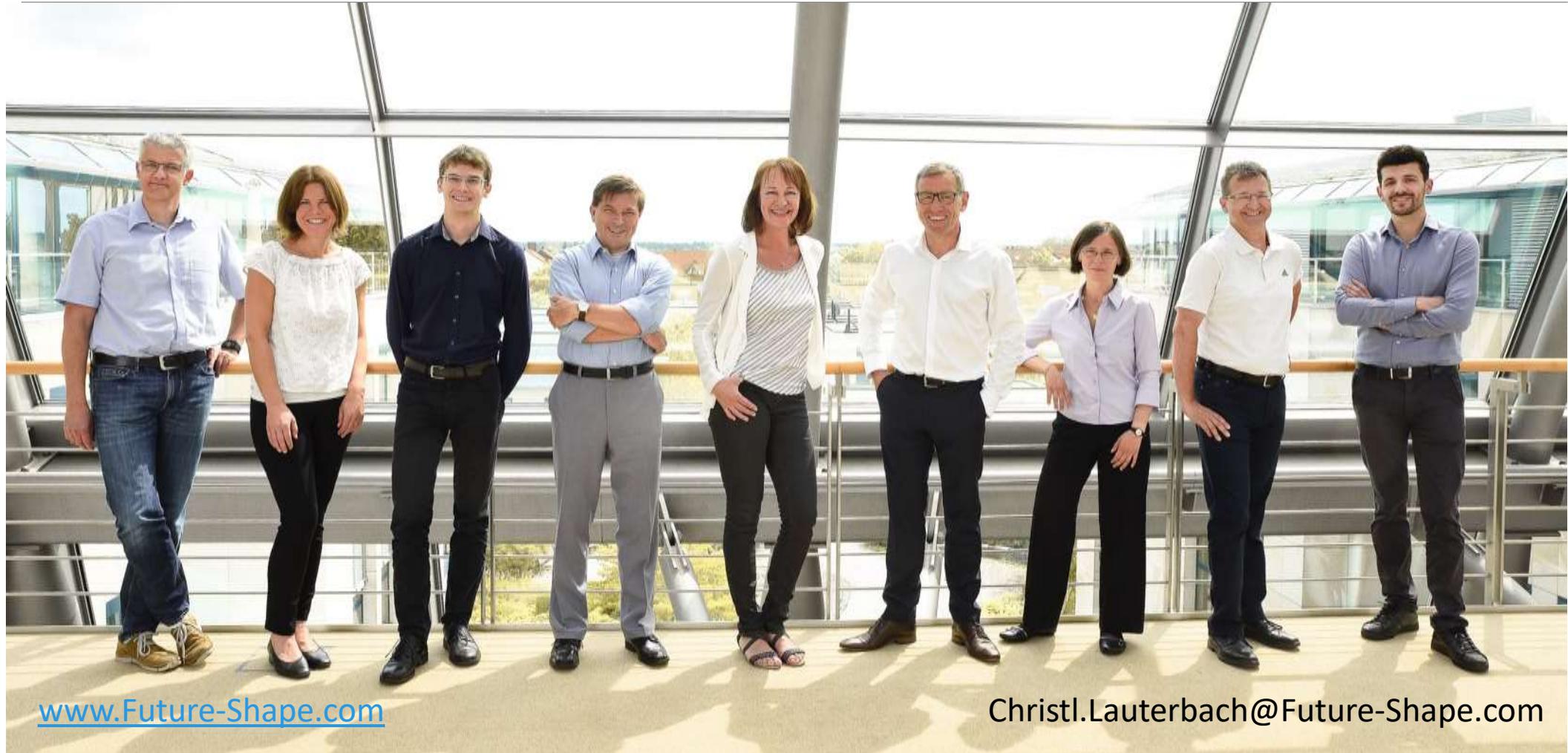
WOHNEN AM SCHLOSSANGER IN
HÖHENKIRCHEN-SIEGERTSBRUNN, (D) 2015



10 rooms/bathrooms equipped with SensFloor, fall detection and fall prevention by orientation light, activity alerts for people with high risk of falling; partner in EU project UNCAP; pilot installation for activity monitoring

Future-Shape team

Thank you for your attention!



www.Future-Shape.com

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