

WOLK

THE HIP AIRBAG



WOLK

Contents

- What is Wolk?
- What are the benefits
- Business case

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Who is Wolk?

- **Mission** Prevent hip fractures for frail elderly
- **How** Cooperation with Healthcare Organisations
- **By** Implement innovative solutions for elderly with increased risk on falling

Falling is a big health issue



1,5M hipfractures per year globally



1 in 3 elderly dies within one year



50% will never regain pre-fall mobility

Challenges Healthcare Market



Ageing population



Maintain high quality of care



Shortage of personnel

Why Wolk?

- Traditional hip-protectors are ineffective and uncomfortable
- More freedom of movement
- Clients with risk of falling take a lot of time from the personnel



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A hip fracture has huge impact



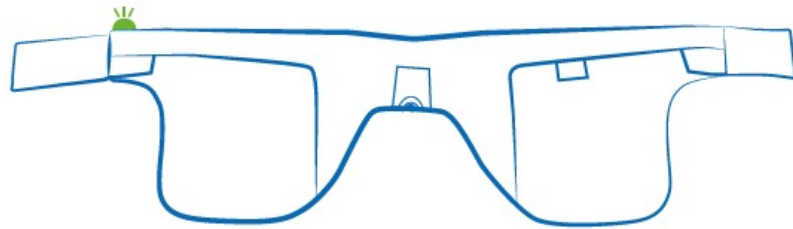
+ 200 hours
of healthcare personnel



+ €10.000



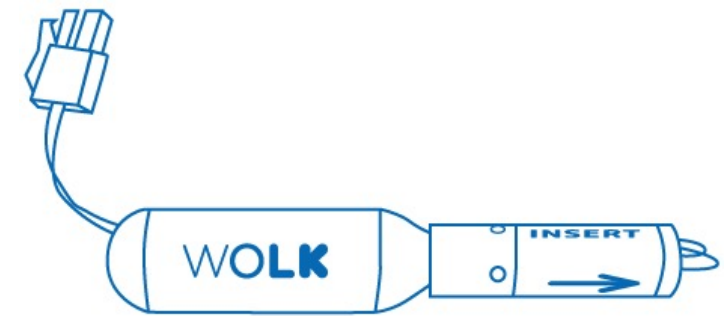
Wolk PRO: safe, comfortable and ease of use



- CE certified as protective equipment
- Clinically proven
- Alarm and online dashboard

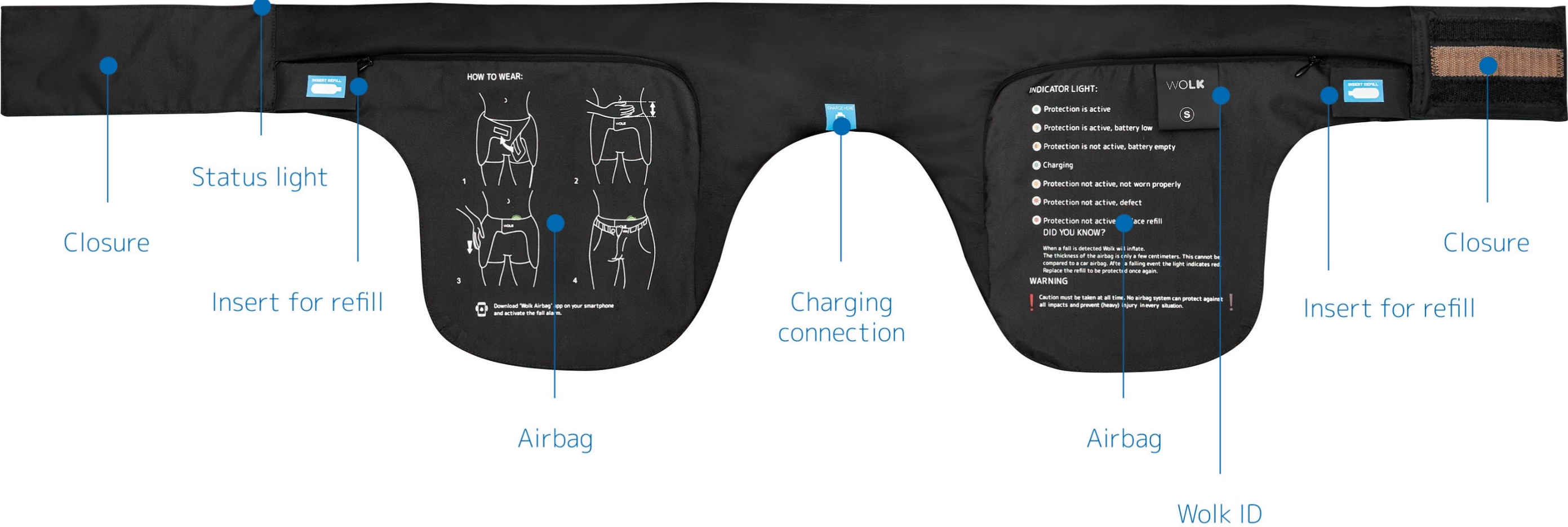


- Ergonomic, 'invisible'
- 4 sizes
- Less than 450 grams



- Reusable after a fall
- Machine washable

A smart and advanced system



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The benefits

Client

- No hip fractures
- More freedom to move
- Less fear of falling

Caregiver / family

- Less worries about a loved one



Nursing staff

- Less worries about falling clients
- More time to provide other quality care

Scientific research



- Performed by Medical Doctors and researchers from the Orthopedics, Clinical Epidemiology and Geriatrics Departments
- 943 clients in nursing homes (11 locations)
- Conclusion: 50% less hip, pelvis and thigh-bone fractures

Results



> 1.500 wearers



75 healthcare organisations



80% less hip fractures



8.000 hours of care saved



€1.4M costs saved



Business case: provide Wolk to 50 clients



Invest
€ 48.000...



...prevent
40 fractures*



...save 8.000
hours of care



...and save
€ 180.000

For who is Wolk?

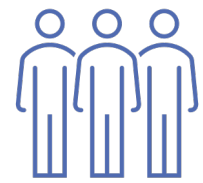
- Client with urge to walk, increased risk of falling, fear of falling, instability
- Clients for who freedom-limiting-measures are being considered
- Waist circumference between 85 – 125 cm

Some of our (dutch) customers



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Real-time dashboard



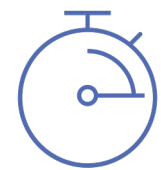
Selection of clients
Which clients have
the highest risk? (per
month)



Usage per client
Is Wolk used for the
most at-risk clients?



Wols deployed
How many Wols are
deployed every day?



Gestation period per
Wolk
Are the Wols used
sufficiently?



Number of falls
How many and what
kind of falls have
happened?

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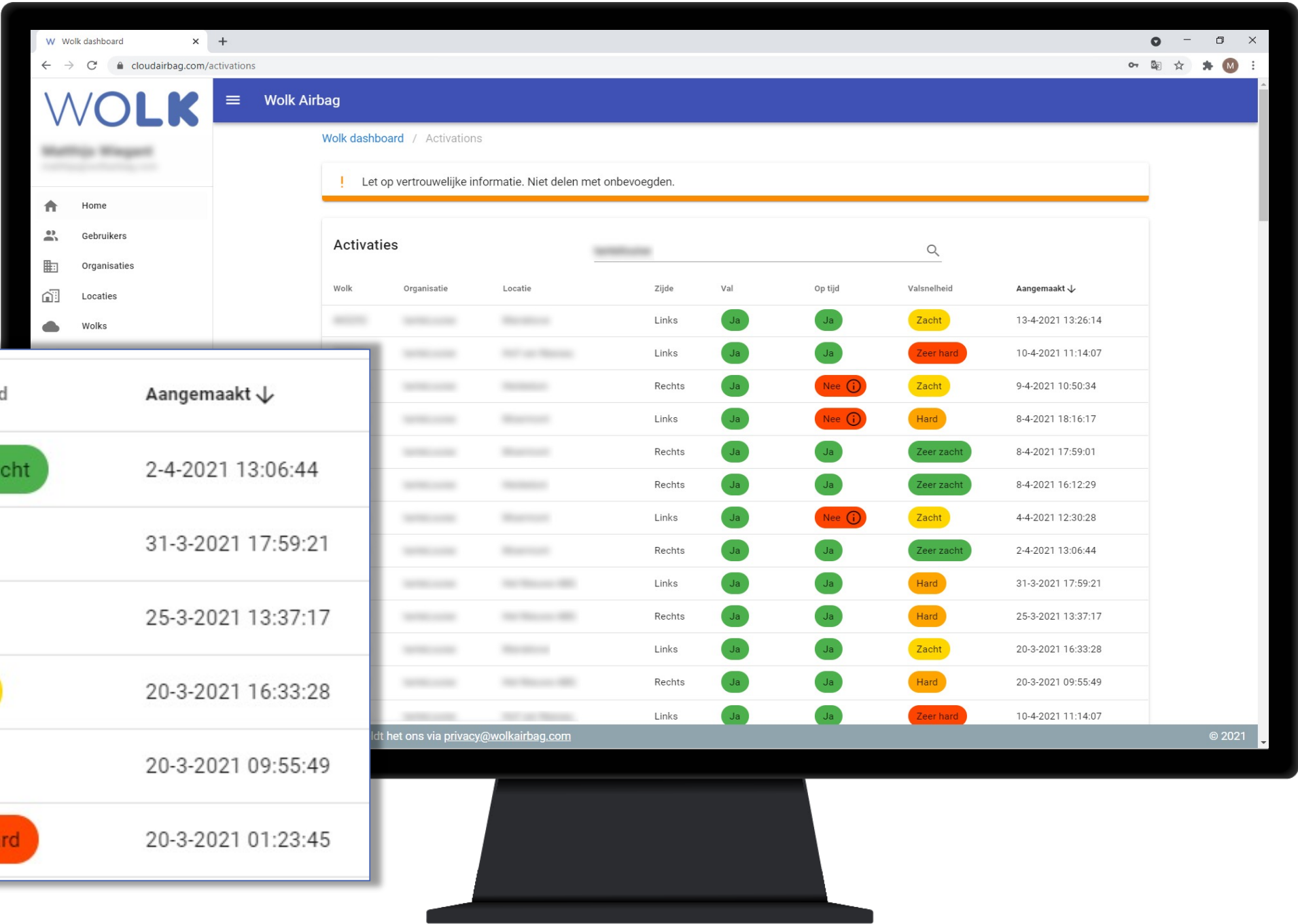
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Dashboard



Dashboard

Zijde	Val	Op tijd	Valsnelheid	Aangemaakt ↓
Rechts	Ja	Ja	Zeer zacht	2-4-2021 13:06:44
Links	Ja	Ja	Hard	31-3-2021 17:59:21
Rechts	Ja	Ja	Hard	25-3-2021 13:37:17
Links	Ja	Ja	Zacht	20-3-2021 16:33:28
Rechts	Ja	Ja	Hard	20-3-2021 09:55:49
Links	Ja	Ja	Zeer hard	20-3-2021 01:23:45



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