

“SeniorPad®”

A Valuable Tool for Ambient Assisted Living



Prototype & Pilot project Carinthia 2011
Presented by Christian RAGGER

What is the SeniorPad?

▪ **Innovative showpiece project**

- The SeniorPad helps the elderly to live at home for longer, thus reducing nursing costs.
- As the first model project, the SeniorPad combines several important areas of application: home monitoring, social integration and logistics & safety.
- The SeniorPad is an innovative, forward-looking service product that unites health and social care with tele-medicine, IT and communications technology.
- The SeniorPad is the first showpiece project that helps the elderly remain in their homes for longer.

▪ **Impulses for Carinthia**

- The SeniorPad is an innovative showpiece that will create sustainable impulses for the future developments in Carinthia as a pioneer province in the field of Ambient Assisted Living.
- The Carinthian nursing organisation AVS is the exclusive cooperation and sales partner in Carinthia.
- The SeniorPad will increase the dynamics, competitiveness and added value of the Province of Carinthia and will also create additional jobs in the home nursing sector.

Logistics and Safety

- Walled Garden IP Network
- Managing Platform (terminal/service/support)
- Billing engine
- Secure Internet
- Secure Shopping
- Secure Data



Home Monitoring

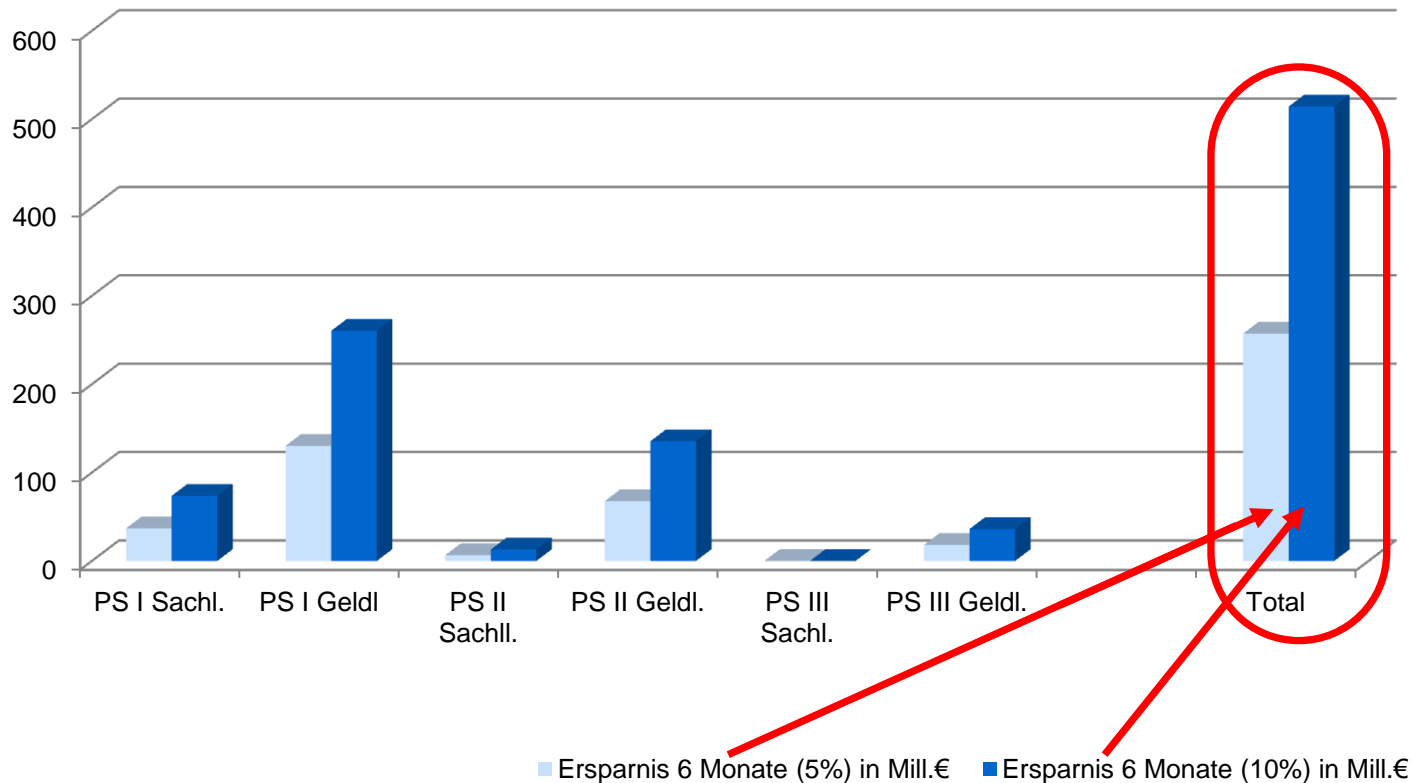
- Vital monitoring (pulse monitor)
- Fall sensor
- Emergency services system
- Vital training (memory exercises)
- Nursing services
- Therapeutic videos
- Medication reminders

Social integration

- Smart Phone applications
- Messaging services (Internet/SMS/mail)
- Prescriptions/communication with the physician
- User-relevant content
- Location-based services
- Social Network
- e-Government

Cost reduction potentials of the German home emergency call service

- Cost reduction achieved by delaying the transition to a nursing home by 6 months with 5% or 10% of home emergency call service users in million €





- Inclusion of AVS-specific services
- Meals on Wheels
- Communication with the AVS



- Games
- TV/audiobooks
- Radio



- Internet/SMS/mail services
- Telephone/videophone
- Pictures of family members



Prototype & Pilot phase

▪ **Prototype**

- The prototype is configured as a demonstration device to show and test the basic functions of the SeniorPad.

▪ **The pilot phase serves to answer the following questions:**

- Will the SeniorPad prevent elderly people in need from slipping through the net, thus helping the system to prevent follow-on damage?
- Will the Senior Pad help the elderly cope with everyday life and will it provide the support that is needed?
- Will the Senior Pad help the elderly remain in their personal sphere (home) for at least 6 months longer?
- What services provided by nursing organisations does the Senior Pad support?
- Will the Senior Pad aid communication with relatives and friends (social integration), thus reducing loneliness in old age?
- Will the Senior Pad reduce the need for emergency medical services and hospital stays?
- What demonstrable cost reduction potentials does the SeniorPad provide for the health care service?