



RelaxedCare – Connecting People in care situations

Speaker: Emanuel Sandner

AIT Austrian Institute of Technology GmbH

Project Idea

The Problem:

„How is my mom doing right now? “

My Mom (AP)



Me (IC) at home

Me (IC) outdoors

Me (IC) at work



Project Goals

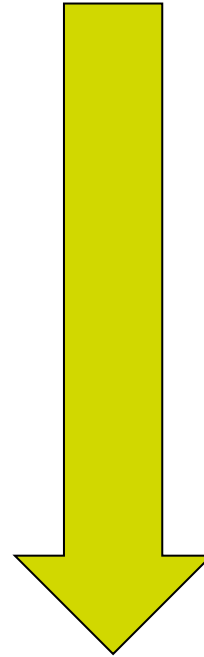
RelaxedCare will ...

- ✓ ... connect informal caregivers and assisted persons.
- ✓ ... help to reassure informal caregivers.
- ✓ ... help assisted persons to feel socially connected.
- ✓ ... create nicely designed and accepted pervasive user interfaces.
- ✓ ... bring up new methods for AAL pattern recognition on different levels.
- ✓ ... contribute to the AAL scientific community by widespread dissemination.
- ✓ ... be developed to be brought to market as “AAL system in a box”.

Informal Caregiver – the active contributor

User Inspired Innovation Process

1. Assumption Personas
2. Questionnaire
3. Show and Tell
4. Focusgroup-Interview
5. Cultural Probes
6. Design-Workshop
7. Contextual Inquiry
8. Writing Scenarios



Active end-user (AP & IC) involvement:

- Impressions and insights
- Discussion
- Uncovering relevant factors
- Use creative potential
- User centric design

✓ **AAL solution designed by end users for end users**

Show and Tell example

➤ Identifying everyday objects

70+, female



70+, female

70+, male



60+, female

Design Workshop example



When: 25-07-2013 at 50plus

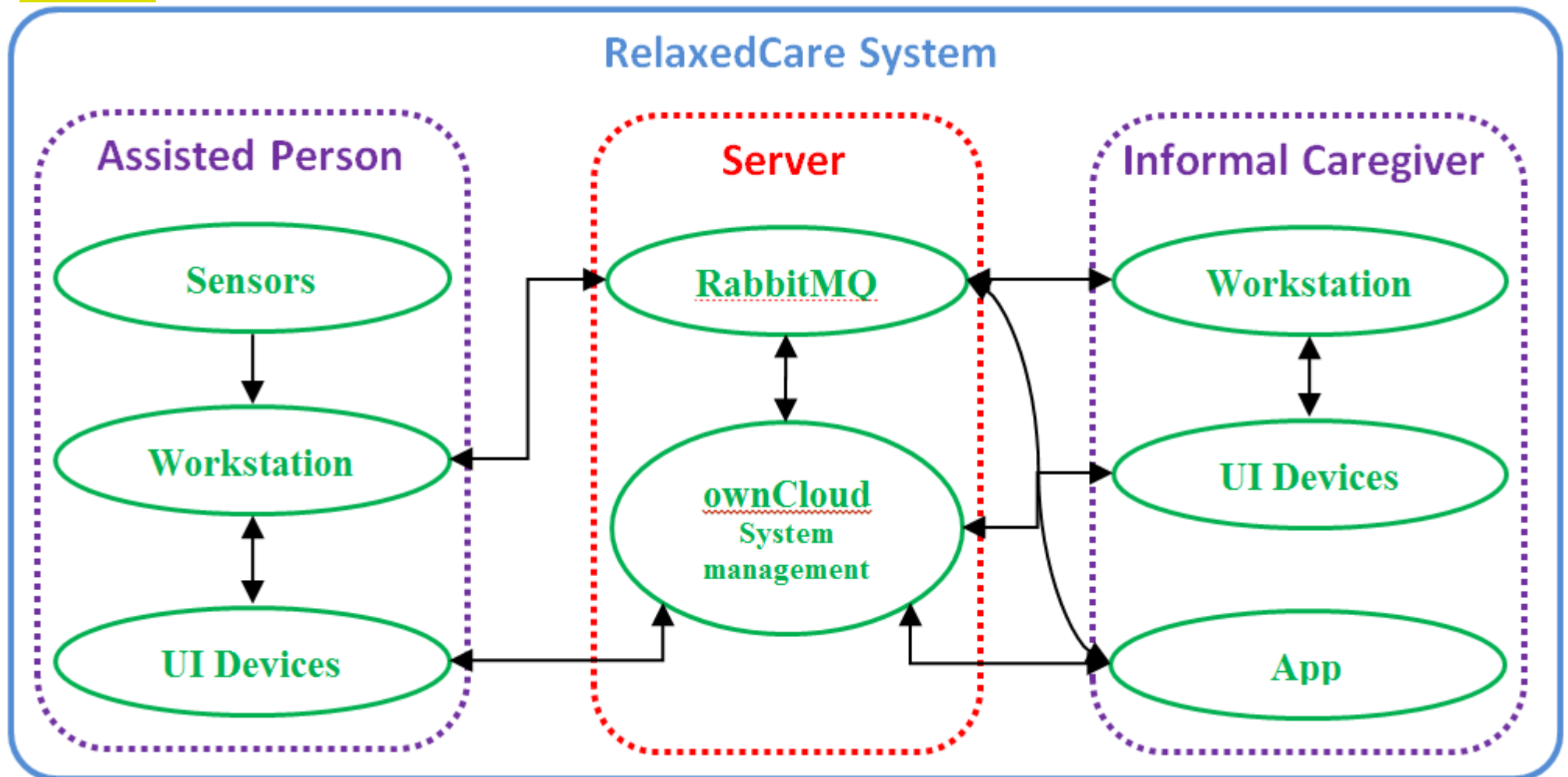
Who: 9 Informal Caregiver (7 female, 2 male)

Market relevant findings from User Involvement

- Combination of stationary and mobile components
- Aesthetically attractive and appealing User Interfaces
- Easy to clean and to maintain
- Use existing or create new personal objects
- Waterproof if needed (outdoors)
- Independent on time and location
- Avoid requirement of memory performance
- Unobtrusive



The technical approach



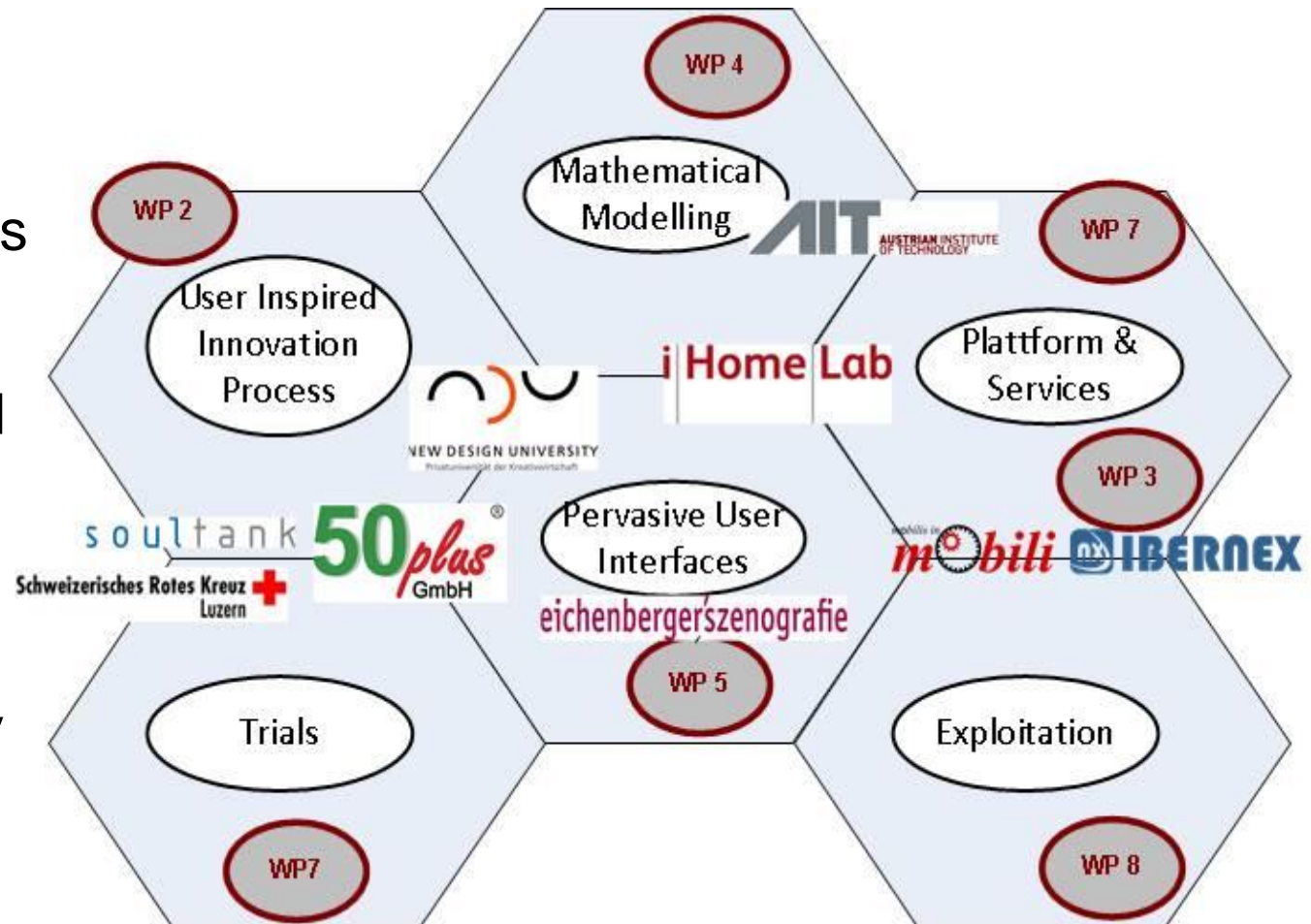
Workstation: runs HOMER (HOME Event Recognition System)

RabbitMQ: Message exchange

ownCloud: System configuration, user management

How to achieve the project goals

- Consortium
 - Enthusiastic end-user organisations
 - Great designers
 - Market orientated SMEs
 - Experienced research inst.
- Existing technology as basis



Current status of the project

- Project month 17
- Finishing Prototype 1
- Lab trials in October in Austria and Switzerland
- Incorporating feedback for Prototype 2
- Review meeting in January 2015
- Very good relationship between the Consortium Partners

Consortium

- AIT Austrian Institute of Technology GmbH, AT
- 50plus GmbH, AT
- Ibernex, ES
- iHomeLab, Hochschule Luzern, CH
- Mobili, SI
- New Design University, AT
- Schweizerisches Rotes Kreuz, CH
- soultank AG, CH
- Szenographie, CH

Funded by:



Coordinator

Martin Morandell

AIT Austrian Institute of Technology

martin.morandell@ait.ac.at

www.relaxedcare.eu



Visit us at the AIT and iHL booths



Thank you for your attention