Presentation

VitaSmart

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BEKO Engineering & Informatik AG – A Subsidiary of BEKO HOLDING AG

Hightech competency between design and information.
Introduction

BEKO’s HOME BUTLER
- Market ready AAL solution according to the requirements of the EU-initiative
- Barrierfree concept
- BEKO acts as a technology supplier & full service provider to all customers (B2B and B2C)

The VitaSmart project
- Improvement of passive Vitalmonitoring by using latest recommender systems
HOMEBUTLER TECHNOLOGY & SERVICE CONCEPT

- **VITAL Systems**
  - Safety & Health

- **SUPPORTING Systems at TV**
  - Health, Communication, Entertainment

- **Emergency Center**
- **HOMEBUTLER Web Services**
  - Callcenter
    - Administrative Support
    - Technical Support
    - Premium Services
  - Mobile Services
  - Relatives & friends
  - Home Services

Secure internet connection
Radio frequency connector to emergency components & direct line to the red cross center.
HOME BUTLER WEBSERVICES
for carers, relatives, friends, service providers

- address book
- calendar
- uploading pictures
- SMS communication
- plain text commun.
- Internet Content
- integrated services such as
  - care services
  - meals on wheels
  - taxi
  - ...

Synchronisation of data between webservice and the TV in the living room
VITASMART PROJECT CASE

„What happens when I cannot seek help on my own?“

• one of the main fears of elderly people
• a major reason to leave one‘s home too early
CURRENT SITUATION

• high error rate
• erroneous alarms due to forgetting
• activation of alarm required
SOLUTION

VitaSmart aims at

- taking the burden from the elderly to actively acknowledge that they are o.k.
- providing a safety net for elderly when they are alone in their home
HOME BUTLER
SMART HOME EQUIPMENT

nightlight
auto waterstop
auto waterstop
smoke detector
burglary control
central lock
infrared heat
control
auto waterstop
smoke detector
fridge alarm
window alarm

nightlight
smoke detector
window alarm
Moeller home
automation
HOME BUTLER
Center

Research Studios Austria
Forschungsgesellschaft mbH

BEKO Engineering & Informatik AG
Ein Tochterunternehmen der BEKO HOLDING AG
HOME BUTLER VitaSmart main functions

- automatic tracking of presence and absence
- automatic tracking of activities in the Smart Home
HOME BUTLER VitaSmart intelligence

- is aware of position and function of each sensor in the individual home
- is aware of time of day, season, risk group(s) the user belongs to
- models and learns about „normal“ activities in the individual Smart Home
- identifies and qualifies deviations from the expected
VitaSmart takes action

- we distinguish 3 steps of emergency escalation
  1. system „asks“ user
  2. system notifies a trusted third party
  3. system initiates an alarm
Partners
Contact

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BEKO Engineering & Informatik AG

*High-tech competency between design and information.*

Established in 2004; previous companies 1966, 1978
100% subsidiary of BEKO HOLDING AG
Employees: 800, Sales 2008: EUR 54.2 mill.
6 locations
Subsidiary: BEKO Engineering spol. s.r.o., Czech Republic

Business areas:

- Industrial Solutions & Services
  - Mechanical Engineering, Electrical Engineering, Automation, Software development
- Professional Services
  - Software lifecycle management: public & financial sector
- Competence Center Smart Home Solutions
- Competence Center SAP
- Competence Center PLM