

HOME BUTLER
TECHNOLOGIE ALS LEBENSGEFÜHL



Das Wohn-Plus für jedes Zuhause.



Presentation

VitaSmart

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Vienna, 30th September 2009

r|s|a Research Studios Austria
Forschungsgesellschaft mbH

BEKO Engineering & Informatik AG – A Subsidiary of BEKO HOLDING AG
Hightech competency between design and information.



Introduction



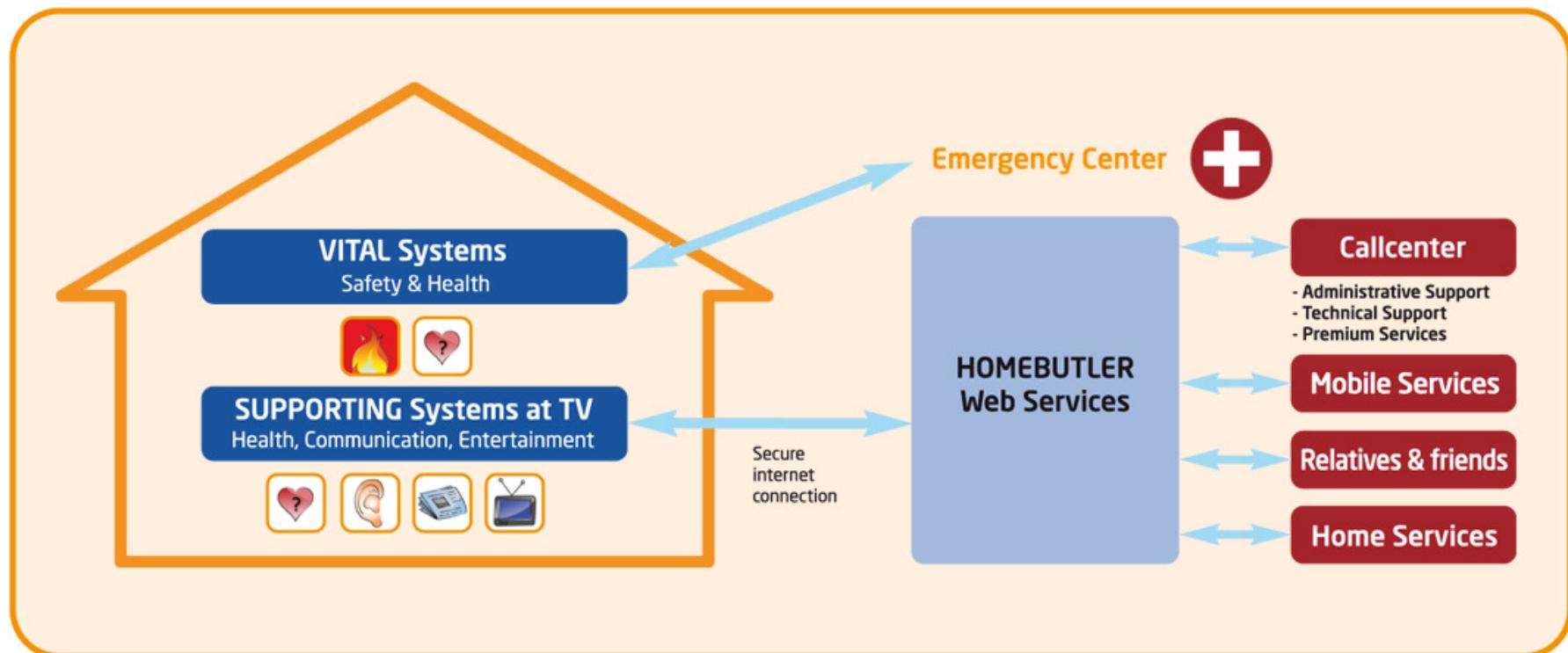
BEKO's HOME BUTLER

- ↳ **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)**

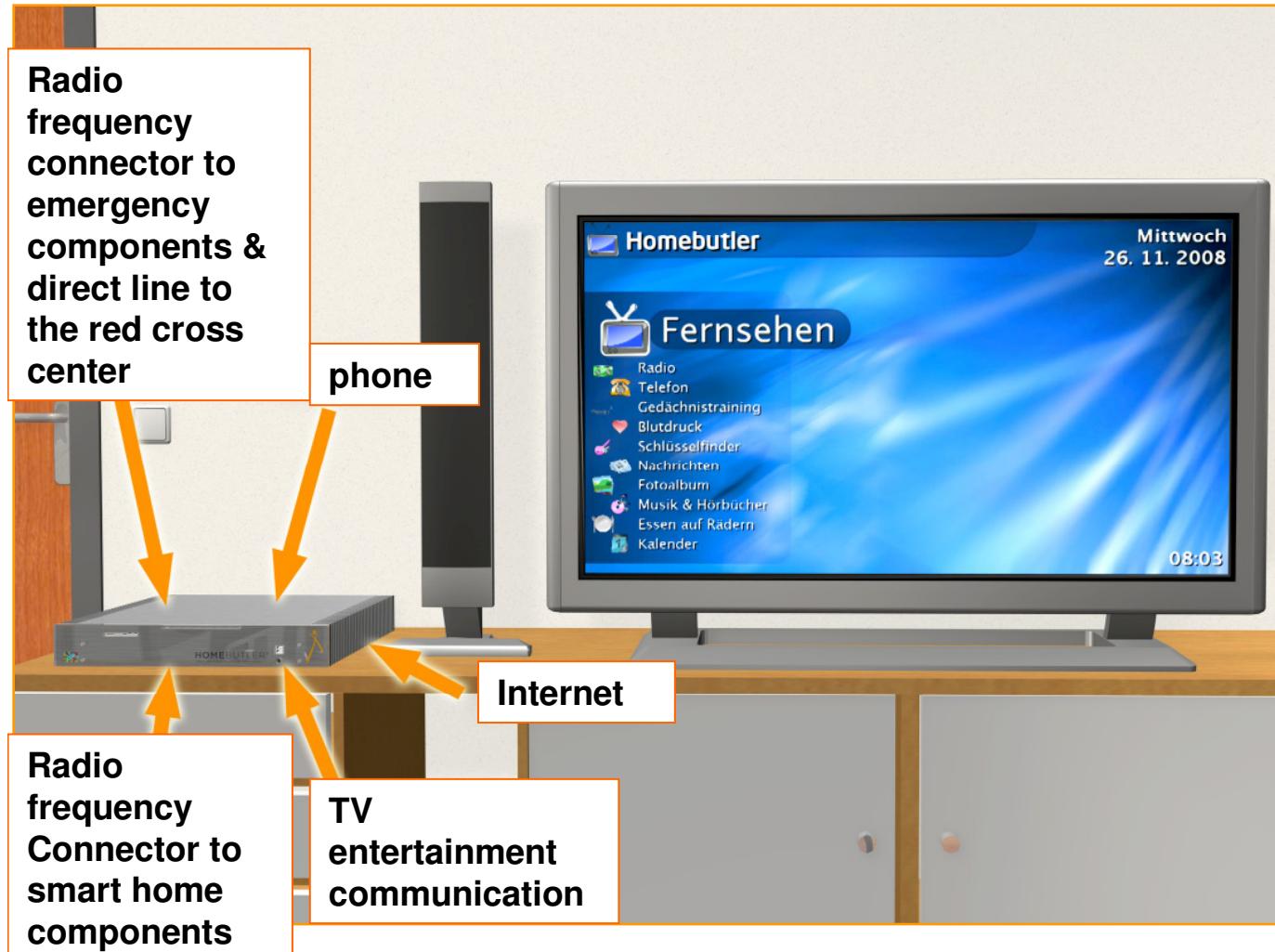
The VitaSmart project

- ↳ **Improvement of passive Vitalmonitoring by using latest recommender systems**

HOMEBUTLER TECHNOLOGY & SERVICE CONCEPT



HOMEBUTLER CENTER



HOMEBUTLER WEBSERVICES for carers, relatives, friends, service providers



UNTERSTÜTZENDE SYSTEME

Kalender

04 Mo 19.01.09 12:00 10:55

11 12 13 14 15

Zuerst müssen Sie sich mit Ihrem Benutzernamen und Passwort einloggen. Für die Benutzung der Plattform stehen verschiedene Rollen (Besitzer, Angehöriger, Freund, Betreuer, etc.) zur Verfügung.

Benutzername
Passwort
Anmelden

HOMEBUTLER PLATTFORM

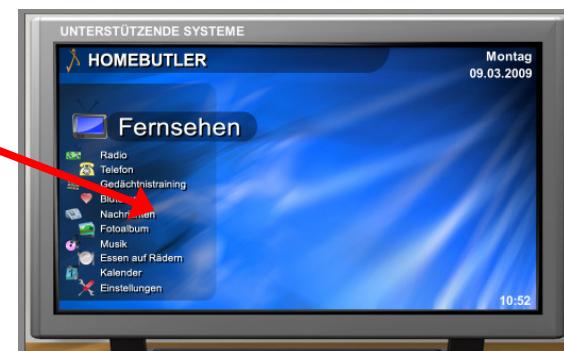
Das WohnPlus für jedes Zuhause

BEKO

MELINIS

In diesem Moment erstellt Lisa über die Internetplattform einen neuen Kalendereintrag...

- 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



HOME BUTLER VitaSmart main functions



- **automatic tracking of presence and absence**
- **automatic tracking of activities in the Smart Home**

HOMEBUTLER 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



GesundheitsInformatik
OÖ. GESENDSHEITS- UND SPITALS-AG



Contact



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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**