



HEREiAM

An interoperable platform for self care, social networking and managing of daily activities at home

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Abstract

Active ageing and independent living are primary goals of modern society, experiencing a progressive increase of the elderly population. The societal challenges of promoting inclusion strategies along with home care services supporting independence and de-hospitalization strike against the sustainability of policies tackling these aspects in traditional ways. This poster presents HEREiAM, an AAL Joint Programme project, call 5, aimed at developing an interactive TV-based technological platform, designed in close collaboration with and based on requirements of the target users group and delivering both healthcare and AAL services directly in the homes of older citizens.

First year activities

During the first year of the project, the following activities have been carried out:

- User needs assessment: through user tests and focus groups we defined the needs of older adults, informal carers, care professionals and service providers.
- Service definition: from this assessment we defined the kind of services that such a platform should offer, like comfort, welfare, safety and care services.
- Definition of system requirements: from users and business perspective.
- Technical specifications: hardware platform, software platform, service level platform.

Services included

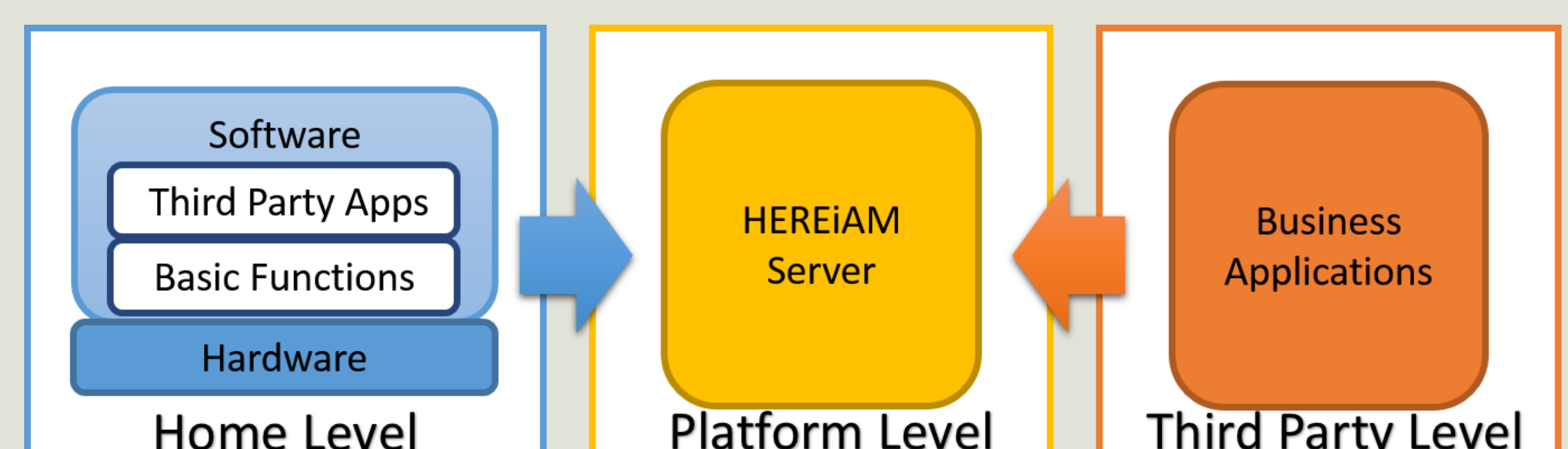
The HEREiAM system has the aim to offer different kind of services to the users, that range from remote care services (through a telemonitoring application) to social inclusion services, to help them feel part of their community.



System architecture

The HEREiAM platform architecture can be divided in three levels:

- The Home Level includes all the hardware and software components installed in the users' homes.
- The Platform Level is the server side of the platform. It includes information regarding user profiles, it contains an external repository of additional applications offered by third parties and a module that manages the users authentication system.
- The Third Party Level includes all external stakeholders that may join the HEREiAM platform. HEREiAM Platform level adheres to fundamental SOA principles, exposing services that can be invoked by both Home and Third Party Levels.



Graphical user interface



HEREiAM Project overview

HEREiAM - An interoperable platform for self care, social networking and managing of daily activities at home.



Name of the project: HEREiAM
Coordinator: University of Cagliari
Duration: 42 months
Starting date: 1st July 2013
Partners: IT, BE, NL, RO
Website: www.hereiamproject.org

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