



# Ambient Assisted Living user interfaces

...will increase accessibility, adoptability and usability of user interfaces and AAL systems concerning arising special needs of older adults.

...aims to facilitate the connection of different services to different user interfaces and thus to enable future users of AAL systems to use services interacting in their preferred way.

...contributes to a wider usage of AAL systems.

...is a European R&D project, co-funded by the AAL Joint Programme and National Authorities and R&D Programmes from Austria, Germany and The Netherlands.



[www.AALuis.eu](http://www.AALuis.eu)



## Description

The user interface (UI) is an important feature of interaction between users and AAL services. Thus the main focus of the project lies on the development of innovative UIs and a layer for the easy and standardized integration of new and existing UIs.

The aim is to build these interfaces and the connection layer on open and already existing middleware platforms. The improvement of the user interfaces and thus of devices and solutions for older people based on design for-all principles shall improve older people's access to, acceptance of and use of ICT-based services.

## Benefits

The AALuis Middleware Layer will be interacting with existing middleware platforms and offering APIs to connect new user interfaces and other middleware platforms.

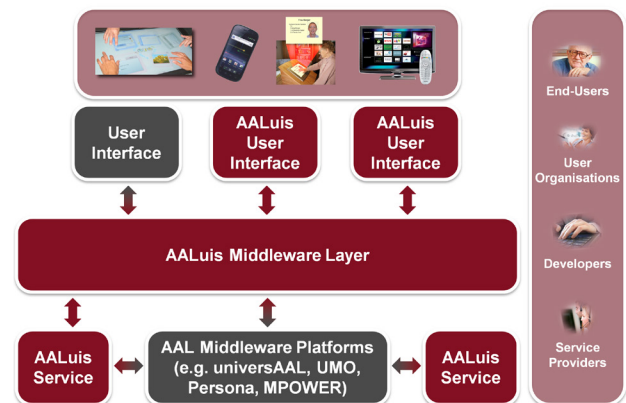
AALuis aims to significantly contribute to the freedom of choice for end-users of services and users interfaces. This will help to support destigmatization of care products and put them on a self-serve continuum from 'Comfort to Care to Cure'.

## Primary target groups

- End-Users and User Organisations
- Developers and Service Providers

## Objectives

The aim of AALuis is to facilitate the connection of different services to different types of user interfaces and thus to enable future users of AAL systems to use services interacting in their preferred way.



An open middleware layer that can be used for different middleware platforms to connect different user interfaces to existing AAL systems will be developed.

This will also be demonstrated by developing new services and connecting them to newly developed, innovative user interfaces.

## Expected Results

- A set of user descriptions and suitable user profile settings for the user interaction
- New user interfaces with adaptation possibilities based on user profiles
- The open source AALuis Middleware Layer where user interfaces can be connected to
- A set of new AAL services

For more information visit [www.AALuis.eu](http://www.AALuis.eu)

**Participants**

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