

REAAAL - Roll-out with 7000 users in real life: Active & Independent Living applications on top of the open service platform universAAL

About ReAAL

Whether health, safety, comfort, social integration or support of mobility – assistance might be needed in any possible aspect of daily life. From an investment point of view, the AAL market should allow individuals in danger of losing independence to pick the set of applications and services of Ambient Assisted Living (AAL) over time in conjunction with actual needs, as they arise. Open platforms are supposed to be the enabler for such gradual system evolution and support products and services to become more affordable, future-proof, adaptable, and accessible.

ReAAL investigates these assumptions via a number of pilots, each with a different focus. If the platform's usefulness can be shown and the related technical knowledge is spread to an associated community of interest, a self-organizing AAL ecosystem will emerge, from which diverse stakeholders will benefit: application and technology vendors, service providers, public authorities and policy makers, sponsors, and the consumer masses, foremost those people who wish to be able to avoid dependency on nursing homes, preferring to continue to live independently in their own homes.

ReAAL promise

- promote standards, guidelines and open platforms for interoperable solutions in the domain of active and independent living
- demonstrate by 2015 an ICT ecosystem that uses them in pilot sites involving at least 5000 users in at least five countries



How does ReAAL contribute to the resolution of issues?

The main focus of ReAAL is on deploying applications for independent living and ageing based on open platforms. At least 12 operational pilots in 8 countries using a common open platform (i.e. universAAL) are involved, each with at least 6 months of active operation in conjunction with each deployed application to be used in real life involving 7000 users in total. Each pilot has agreed to include at least one multi-vendor application (involving local market stakeholders) in order to be able to demonstrate the platform's support for interoperability. An established portfolio of interoperable applications readily adapted to universAAL is expected. The most important aspect of the adoption of an Open Source model is the community building. Thus, a community helps to share the costs among a multiplicity of stakeholders and to reduce the risk of developing a software platform. The best practice found through the projects investigations is documented and results are disseminated throughout the union.

ReAAL will

- Validate the role of common open platforms in putting interoperability standards in place
- Measure the related socio-economic impact. A multidimensional evaluation framework will allow to also consider the ethical, legal, market, quality of life, and user experience impacts in addition to the socio-economic impact
- Analyse the effectiveness of pilots' value chains and derive replication guidelines
- Publish findings and recommendations, esp. lessons learned and best practices on technical and organisational aspects of deployment and public procurement, in a public knowledge portal to serve as the ultimate reference for future roll-outs.

Consortium

