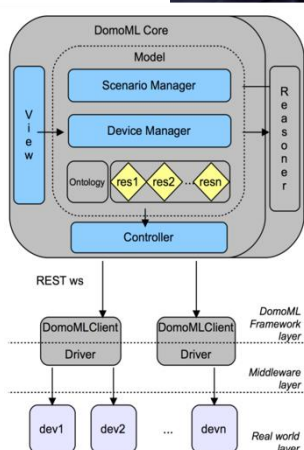


SUPSI

GRANNO

Independence through home automation



The problem

During the last century, life expectancy has grown increasing the numbers of elderly people. Although most of them are still self-sufficient, the fear of not having someone who intervenes in case of need pushes them to move in a retirement home. In the near future, this will be an economical problem for the community and will have life-quality impact (less autonomy and independence) in the elderly.

The project

The project aims to develop, test, evaluate ICT and home automation technologies to study the most suitable technologies for elderly and people with disabilities that guarantee them the autonomy to remain at home.

By providing the right devices and services, the elderly and disabled people will remain in their own homes in safety and with a better life quality as long as possible.

The result

The project has developed innovative devices and integrated products to provide to the elderly and disabled people enhanced autonomy and a level of security that will reassure them so that they will remain in their own homes. A better life quality is provided not only for the elderly/disabled person but also for the family members. A reduction of the increasing health cost and social overhead is also aim to be reduced.

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Funding

Mandate

Partners

Società Ticinese per l'Assistenza dei Ciechi, STAC
Città di Lugano
Servizio Cure a Domicilio, SCUDO
Powerline Automation SA

Research domain

3 Innovative products and processes
5 Intelligent systems for knowledge and communication
6 Social systems and public health