



VICINITY

2020

INVITATION

VICINITY will demonstrate seamless communicating and sharing of access with smart devices, regardless of vendor and application.

The project will establish a platform for creating new value-added services through access and sharing of information.

As a stakeholder you will have the opportunity to influence the assessment of needs and requirements that form the basis for this European initiative. It will also provide a scope for establishing regional expertise related to the pilot that is to be developed and installed. Local innovation will be stimulated through the creation of new services and business opportunities offered by the pilot installation.

What makes VICINITY truly unique is its focus on maintaining ownership and personal control over the data that is being shared. VICINITY will lead to a solution that is simple to install, configure, integrate and transferred to other similar areas.

The first part of the project is linked to the collection of condition and needs in four main domains; smart home and assisted living facilities, access for authorized vehicles and handling of nearby infrastructure, smart power grids and intelligent buildings. The information and experiences collected here will be continued in pilot installations specially adapted for welfare technology.

A pilot installation will help developing better solutions for management, administration and organization of services related to municipal services and care, their families and those in need of care themselves.

The VICINITY platform will demonstrate various use cases. The objective is to demonstrate the feasibility of solutions in different contexts and configurations.



Healthcare

Improved home care and assisted living through use of health profiles and realtime information.



Smart homes and cities

Exchange of data from remote sensors regardless of standards and based on user preferences.



Parking and mobility

Optimised parking based on historical data, user preferences and needs.



Energy and smart grid

Marketplace for exchanging energy flexibility and realtime calculation of energy profiles.

The concept will be implemented in several large-scale installations. 8 facilities in 9 European countries will demonstrate how the VICINITY platform can be integrated in areas like smart energy microgrid, automation in smart buildings, healthcare and mobility solutions.

New value-added services such as micro trading of energy, smart management of urban areas and business logic using the Internet of Things, are examples of potential the platform offers.

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