



Open Innovation Labor - Testfeld

Challenge Callom GmbH

1. Name of the Challenge

Connected communication at home

2. Content

It should be evaluated, what kind of communication at home (house, apartment, hostel, hotel, etc.) happens between visitors/occupant, the house management and further possible participants.

What kind of confounding factors and opportunities offers this information technology to improve or complement the communication at home?

How could a house communication system look like, that might be a stand-alone system or intergraded in a smart home with a real benefit?

3. Problem

The current available offers from smart-home services (e.g. door-communication, Alexa, Siri, KNX, Hue etc.) provides usually only a limited benefit for the users in the households. It should be evaluated, what functions and devices an smart home communication system needs, to create a real benefit for the majority of the users.

4. Additional Information

In the lab different communication activities should be identified, which could be improved trough an information technology. As well it should be covers what kind of technology is used already and what kind of them could be



developed to create a benefit. Therefore, all functions of a smart-home communication system should be defines, so that they get relevant for the users.

5. Skills of the team

The participants of this challenge should take a great interest in sphere of smart home and should bring if any basic knowledge in the sector of smart-home and related technologies.

It is imported to be open minded towards new technologies and to have the vision what possibilities the new technologies can bring.

About the company

The Callom GmbH is producer of the innovative door-communication, provided under the brand RESIDIUM. The components of the RESIDIUM-Systems were developed with state-of-the-art technologies and offer already today more possible applications than conventional door-intercommunication-systems do. The outdoor intercom Door Unit offers only one touch display to ring the door bell, to show directions, and show the number of the house, etc. The indoor intercom is the Control Panel App, which can be used device independent on IOS or Android devices via mobile or permanently installed.

The potentials that a useful transformed technology, can generate to our everyday life, are in our opinion not yet fully exploited. The Callom GmbH follows therefore consequently the idea of added value: technology does not end in itself, but should give the users a benefit. To realize this, the Callom GmbH wants to use the outcomes and ideas from the open innovation lab to adjust their products on it.