What was the challenge?

Entranet is an innovation leader developing speech recognition consumer applications for the interaction between people and smart devices. Entranet's mission is to create and promote innovative technological solutions that make the simpler and easier for everyone. Entranet launched its proof of concept in 2014 by introducing a world-wide innovation, talk2lift®. talk2lift® is the first and only speech recognition device worldwide designed for an elevator, enabling passengers to voice-control the lift, making the use of it easier for the visually impaired and more people, especially to those with hearing or visual disabilities. By the end of 2015 Entranet introduced the second version of talk2lift® talk2lift® avatar, the first digital reception inside an elevator. The next generation of talk2lift® combines the capacity of speech recognition with the futuristic design, introducing a simplified interaction with technology.

How design helped?

Entranet has developed the easiest smart home system ever, based on the principles of good design and interaction simplicity in everyday technology use. In Entranet's case, the design process supports and highlights a very innovative product, using a user-centred design methodology that puts users at the heart of the design process. Entranet created an intuitive application experience that does not require any training.

The housemate smart home system came from great ideas that were born out of the need to solve problems that users face in everyday life. The right design thinking is a proven way of solving user problems effectively. During the housemate software development, Entranet and designers innovatively combined expert knowledge in technology, user research, and design principles from the perspectives of the user, based on a three-step methodology:

1. Early and continual focus on users and their needs by studying their behaviour and attitudes,
2. Empirical measurement of user behaviour by observing, recording and analysing the user interaction using prototypes,
3. Iterative design which solves problems found through user testing.

Adopting this design approach, the project team united behind a common goal by really understanding why the technology-needed software exists as a solution. Following the four principles needed in order to create an innovative technological solution that makes life easier and more accessible for everyone, the housemate smart home package is the easiest smart home system to install, to use, to expand, to configure and update.

What is the impact?

Improved connectivity

Smart home devices and smart home ecosystems are becoming more prevalent worldwide. However, they are increasingly complex and difficult to set up. The housemate smart home package is the easiest smart home system to install, use, expand, configure and update. This is a big leap forward in technology that makes it easier for people to control multiple devices.

Entranet has designed the whole process in a way that responds to all the challenges in the best possible way. The housemate smart home package is a user-centred design that makes people's lives better, integrating today their needs of tomorrow.