

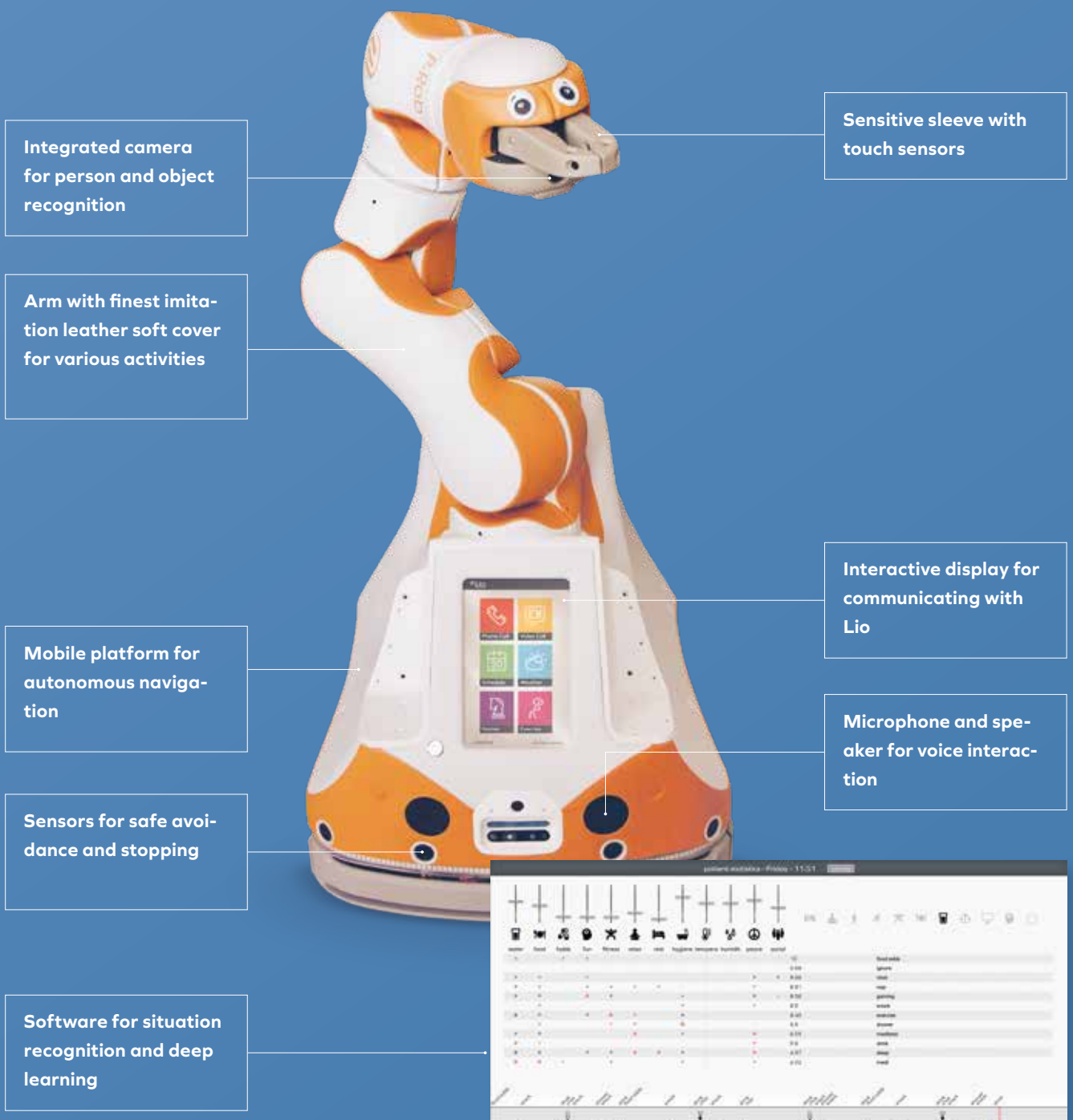


# Lio – The personal assistance robot

Targeted relief of care personnel and better quality of life for people who need support

# Portrait Lio

Lio is a mobile robot with a functional arm that can help and support people. It can be used in nursing and geriatric centers, rehabilitation centers or at home. Lio can communicate with people, entertain them and support professionals in their tasks. State-of-the-art technologies are used in such a way that Lio is not only helpful, but is also liked and accepted by people. It is very easy to use and can be connected to various devices such as heart rate or activity monitors.



# Your Lio is ready for action

Lio is available and can be ordered from F&P Robotics. The functions of the robot are configured according to their needs before delivery. F&P Robotics will be at your disposal during the first setup, depending on your needs, as well as during the mission with technical support.

Lio loves to learn! Our development team is happy to teach him skills that enable him to solve institution-specific problems.

Lio will be accommodated in close cooperation. He is shown around so that one can show him where he can stay and he needs a place near a socket to sleep. In the next step he gets to know people who have agreed to meet him, to interact with each other.

When he meets them, he can greet them with names! Lio is available in different standard versions. F&P Robotics offers various training modules to prepare them optimally for the use of Lio. These training sessions take place at your site and help to inform both staff and residents about Lio.

## Academy

A start with Lio includes a workshop to define the desired skills and various F&P Academy training sessions for nurses and technical managers.

## So far Lio has learned the following



Offer drinks regularly



Pick up objects and open doors and cupboards



Perceive and react to touches



Remember and accompany upcoming appointments



To motivate and guide movement exercises



Talk to people, entertain them and inform



Perform the menu selection and forward the selection to the team in the kitchen



Information or product sheets are sufficient

## Project Proposals Services

On-site installation and navigation settings



F&P Academy Trainings



On-site support



Support with media communication



Showing the robot to the inhabitants



Development of institution-specific functions



User studies and corresponding adaptations



Project report and feedback evaluation



# Our experience

F&P Robotics is a pioneer in the field of human-robot interaction. By means of need clarifications and usability studies as well as assignments in different care and age centres, important insights are gained regarding the benefits and acceptance. Our previous customers achieved positive effects in various areas through the use of robotics.



## Company

Attractive additional services such as entertainment, therapy and services



## Care personnel

Higher job satisfaction and job attractiveness, less stress in everyday life, more time for interpersonal relationships



## Patients/residents

Increased quality of life and independence, new opportunities for communication and interaction



# Fields of application of personal assistance robots

The personal assistance robot Lio ideally supports the skilled personnel in their daily work in nursing homes. It is there around the clock for the residents and takes care of their concerns.

Pick up objects

Motivate to do movement exercises

Support and accompaniment



# How assistance robots can help



## Support

Lio creates space for professionals to use for daily human contact.



## Independence

Lio gives people back their autonomy and independence.



## 24 h contact

Lio is always available to help identify emergencies and provide a comprehensive service.



## Interactions

Lio motivates and interacts with people and thus contributes to fitness and well-being.

Contact us for questions about your application. We would be pleased to give you the opportunity to get to know our personal assistance robots.



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