

# ROS-INDUSTRIAL FOR FLEXIBLE AND INNOVATIVE APPLICATIONS

Reducing development and ramp-up times while profiting from the latest research results



FZI RESEARCH CENTER FOR  
INFORMATION TECHNOLOGY

## Quickly from the Idea to the Pilot at the Factory

A multitude of different hardware components and algorithms is already freely available for the ROS-Industrial software framework. These components include, for example, hardware drivers for almost every robot brand, SLAM solutions, path planners, state-of-the-art 2D/3D vision components. Thanks to the good reusability, new applications can be developed quickly and efficiently.

Based on the large open source community, almost all packages are being continuously improved and maintained. This makes it is easy to combine the latest technologies and algorithms with ready-to-use hardware.

We offer:

- ROS workshops and individual trainings
- Expertise as a member of the international ROS-Industrial Consortium
- Consulting and feasibility studies
- ROS driver development and support
- Design and development of innovative pilot applications

*The FZI Research Center for Information Technology at the Karlsruhe Institute of Technology is a non-profit institution for applied research in information technology and technology transfer. Its task is to provide businesses and public institutions with the latest research findings in information technology.*

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