

INTELLIGENT ROBOT SYSTEM

Intelligent robotics systems

Motion control

2D/3D vision

Custom solutions

Palletizing, depalletizing

Industrial IO

Our team of engineers with extensive experience in robotics offers software and hardware solutions for which there is no off-the-shelf solution on the market. Our advantages are flexibility and customised design.

Intelligent robot system

- Intelligent, dynamic sensing of the environment and sensor-based decision making, modern robotic systems.
- Full physical simulation („digital twin”).

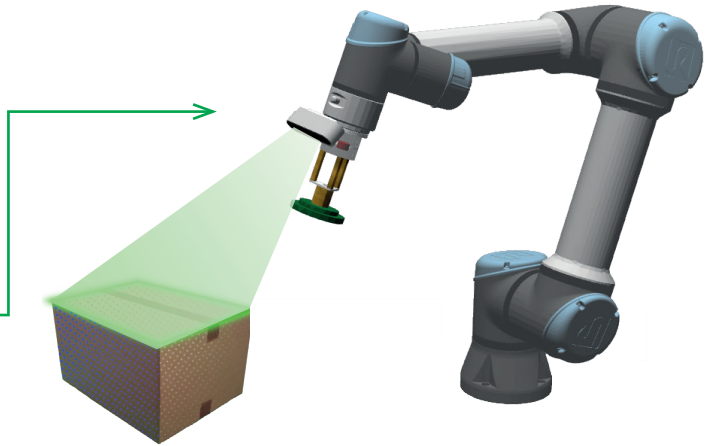


SOLUTIONS

30 YEARS IN INDUSTRIAL CONTROL ENGINEERING

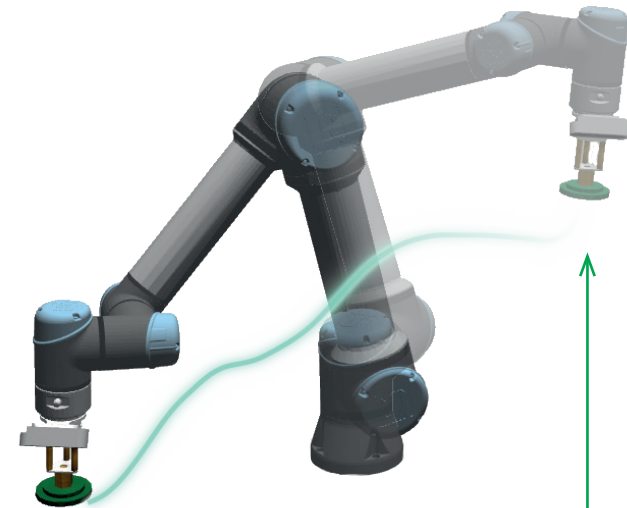
Vision system

- Hand-eye and fixed installation vision system solutions.
- State-of-the-art 2D and 3D vision algorithms.
- Object recognition, precise positioning, mapping.
- Support for a wide range of industrial camera sensors.



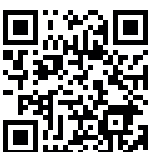
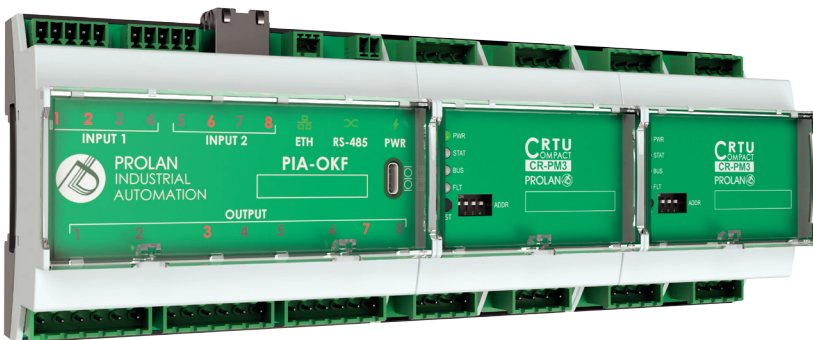
Robot control

- Compatible with most industrial robot arms.
- Obstacle avoidance motion planning.
- Can be used to control custom robot mechanics.



Industrial data collection, control, power electronics

- Numerous form factors.
- Flexible field bus system, wide industrial protocol portfolio.
- 33 years of experience, many references.



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