

# Micropsi Industries GmbH

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**micropsi  
industries**



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## About Us

Micropsi Industries is a software company that provides ready-to-use AI systems for controlling industrial robots. Our product MIRAI, attaches to and augments industrial robots. Once fitted with MIRAI, a robot can perceive its workspace through cameras and correct its movements where needed as it performs a task. MIRAI has been deployed in manufacturing, and we are now looking into other application fields, like lab automation and logistics.

## e-F@ctory Solutions Provided

With MIRAI, industrial robots can handle variance in position, shape, or movement in the workspace. Using artificial intelligence, the MIRAI controller generates robot movements directly and in real-time, as opposed to outputting individual measurements. MIRAI can be used for multiple steps within a task. It can also be flexibly retrained for new tasks.

Skills are not programmed but trained through human demonstration in a few days — no knowledge of programming or AI necessary. To train a robot, a human performs repeated demonstrations of a task by manually guiding the robot by the robot's wrist. The movements are recorded by a nearby camera and a force torque sensor and are then transformed into a MIRAI skill.

## Complementary Products

Robots

## Industries Served

All industries where a high variability in product positioning and quick programming is required.

## Core Technology

Robotic Control

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