Micropsi Industries GmbH

**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