MAKRON

Industrial Automation

# PLC, PC AND ROBOT PROGRAMMING

# INDUSTRIAL AUTOMATION

**Industrial automation optimizes the functionality of machines and systems.**

With high-quality automation solutions you can control, operate and monitor your machines and processes seamlessly. Modern industrial automation solutions improve your production or intralogistics efficiency and enable a safe working environment. Makron industrial automation covers everything from the planning and programming of control systems, to electrical control cabinet manufacturing, electrical installations, commissioning, and lifecycle services. We can offer our expertise in modernization or digitalization projects and provide you with robotics and machine vision solutions. We integrate systems to support your business. You can entrust all development and maintenance of your automation systems to us as your long-term automation partner.

# PLC, PC AND ROBOT PROGRAMMING

Makron provides the intelligent programming needed to complete your automated industrial systems. Proper programming of the user interfaces and control systems ensures complete functionality of your production management or intralogistics. We create HMI applications customized to your needs. Our experts will test everything thoroughly to ensure your systems work exactly as they are supposed to. With Makron's programming, you will get precise reports of your production lines or processes.

### What Makron does

We specialize in PLC and HMI programming. We deliver PC applications to the interface between different ERP systems and logic control systems. Our typical customers are machine builders, project suppliers, warehouse dealers, marine industry suppliers and industrial plants such as surface treatment plants. Typically, we use control logics from Siemens, Omron, Mitsubishi, Beckhoff or Allen-Bradley. Our own products include warehouse management software and control systems for electrochemical surface treatment lines.

### Products & expertise

- Programmable logic controller (PLC) programming
- Human-machine interface (HMI) programming
- Control systems (SCADA)
- Robot programming
- Database-based control systems
- Warehouse management systems
- Factory acceptance testing (FAT)
- IoT interfaces
- Digital twins and simulation

- Remote diagnostics solutions
- Data collection and reporting

## Contact

**KARI KOSKI**
*Sales Director, Automation*
Headquarters

+358 40 716 5245
kari.koski@makron.com
Languages: EN, FI