

**MAKRON**

A Promise to Complete.

Industrial Automation

# LIFECYCLE SERVICES



# INDUSTRIAL AUTOMATION

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

With efficient automation you can control, operate and monitor your machines seamlessly, and you can improve your cost and production efficiency, too. Makron industrial automation covers everything from the planning and programming of control systems, to electrical installations, commissioning, and installation supervision, as well as lifecycle services. Our electrical control cabinet manufacturing covers a wide range of products and industrial applications. Our automation enables heavy production work to be performed by robots and machines, for a safer and more efficient working environment. Makron automation also improves accountability, production reporting, and preventive maintenance. We can support you wherever you are located with our remote access systems. We offer you our industrial automation expertise as individual services or together with our machine manufacturing service. We have over 30 industrial automation professionals ready to help.

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## LIFECYCLE SERVICES

Makron provides complete lifecycle services for industrial customers through service agreements, either as a whole or as individual services. With our lifecycle services, our experts stay involved throughout the lifecycle of your production line, machine or process. We aim to maintain productivity, safety, environmental friendliness and efficient operation, as well as to give your production line a longer lifecycle.

### What Makron does

Our services include engineering and automation services, commissioning, application and factory testing, training, maintenance services, modernizations and spare part manufacturing. Our aim is to ensure that your production runs smoothly with the minimum possible down-time. We are able to provide lifecycle services as a whole package, which cover both electrical automation and mechanics.

### Products & expertise

- Auditing
- Service agreements
- Preventive maintenance
- Corrective maintenance
- Remote maintenance
- Modernization
- IoT
- Data collection and reporting
- Spare part deliveries
- Installation and commissioning

- Maintenance personnel training
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