



# Company profile

Automation, electrical engineering, diagnostics and software tools for modern machines.

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## What we do

- PLC programming, integrated machine visualizations and startup of industrial machines.
- Functional safety with B&R X20 Safety, openSAFETY and SISTEMA / Performance Level calculations.
- Electrical engineering with EPLAN P8, SIMARIS calculations, documentation and cabinet support.
- Diagnostics of machines, CAN/J1939/ISOBUS communication, sensors, actuators and ECU modules.
- Custom software tools for testing, conversion, reports and reduction of repetitive manual work.

## Technology focus

- PLC priority: B&R, followed by Beckhoff and Siemens.
- B&R Automation Studio, X20, X20 Safety, mappView, openSAFETY, X90 and ISOBUS integration.
- Communication: CAN, CANopen, J1939, ISOBUS, OPC UA, TCP/IP, UDP and Powerlink.
- Testing: TestOS, BDD, Squash TM, Jenkins, Gitea and regression verification.

## Typical application areas

- Industrial machines, special machines, production lines and modernization projects.
- Elevators, transport systems, handling equipment and intralogistics.
- FOUP washers, process and clean equipment, controlled sequences and diagnostics.
- Agricultural and mobile machinery with B&R X90, ISOBUS and CAN/J1939 diagnostics.

This document is a compact public summary of Bcode d.o.o. services. A concrete offer requires a description of the machine, cabinet, system or issue.

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