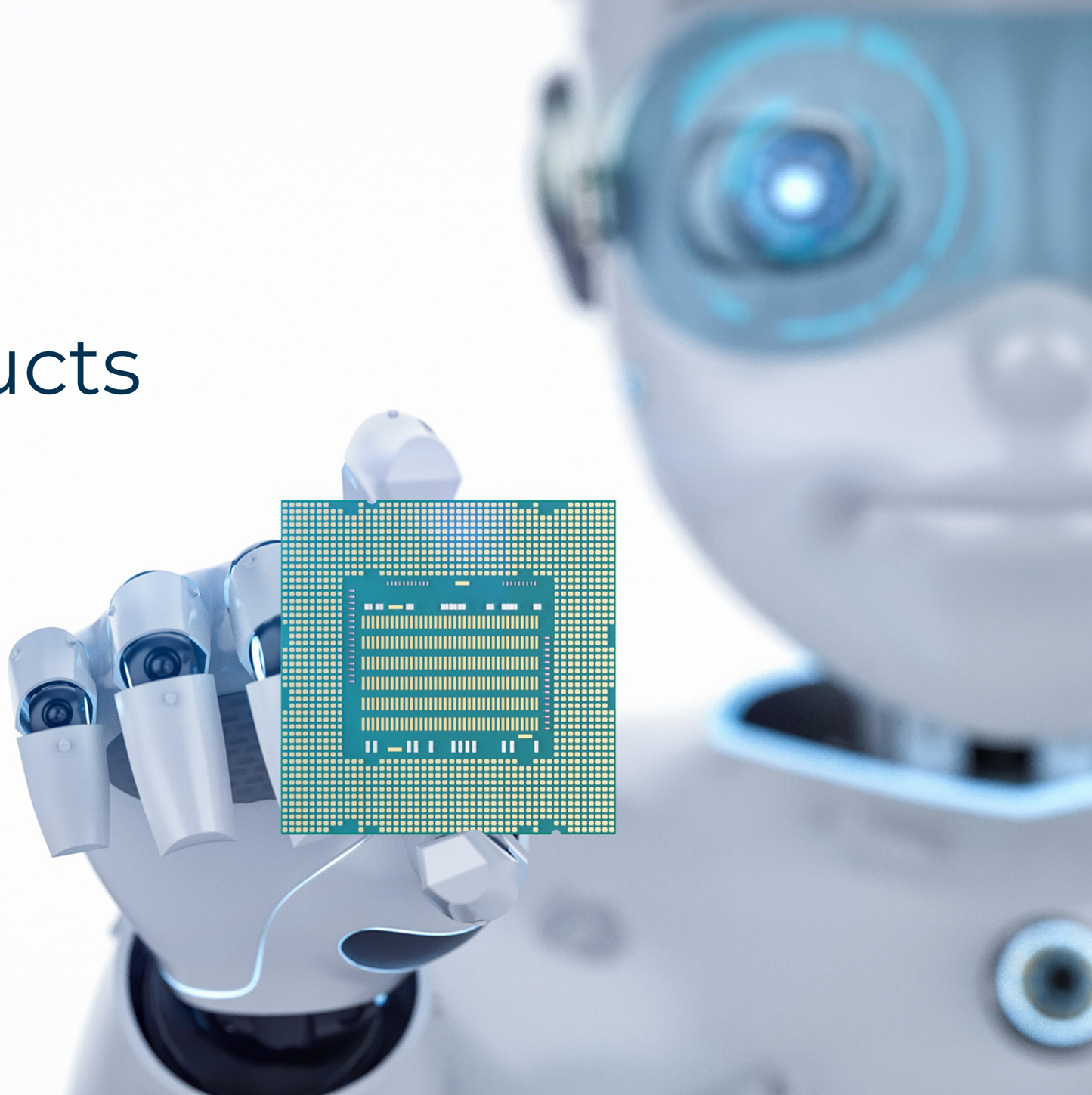
ALMEC MECHATRONICS

# You can program your ALMEC products independently

with ALMECLab, based on LogicLab, an IDE platform that complies with the international standard IEC 611131-3



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LOGIC LAB

## Easy Implementation

Seamless communication between hardware and software reduces setup time.

## Rapid Development and Advanced Debugging

- Simulation and testing of control logics before implementation.
- Real-time diagnostics to monitor the status of variables and machines, identifying problems quickly.

## Simplified Maintenance and Updates

- Remote software and firmware updates.
- Changes to control logic without interrupting the production cycle

## Multi-language Programming

- Ladder Diagram (LD)
- Structured Text (ST)
- Function Block Diagram (FBD)
- Sequential Function Chart (SFC)

## Customization and Scalability

Customization of control logics allows to adapt to specific industrial needs, easily scalable.

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With ALMECLab, ALMEC offers its customers an intuitive tool to optimize automation independently.

- ✓ Simplify programming and reduce development times.
- ✓ Real-time diagnostics and advanced debugging features improve system stability.
- ✓ Access to advanced technologies such as IoT and Industry 4.0-based solutions.
- ✓ Adaptability to different application needs and industrial environments.

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