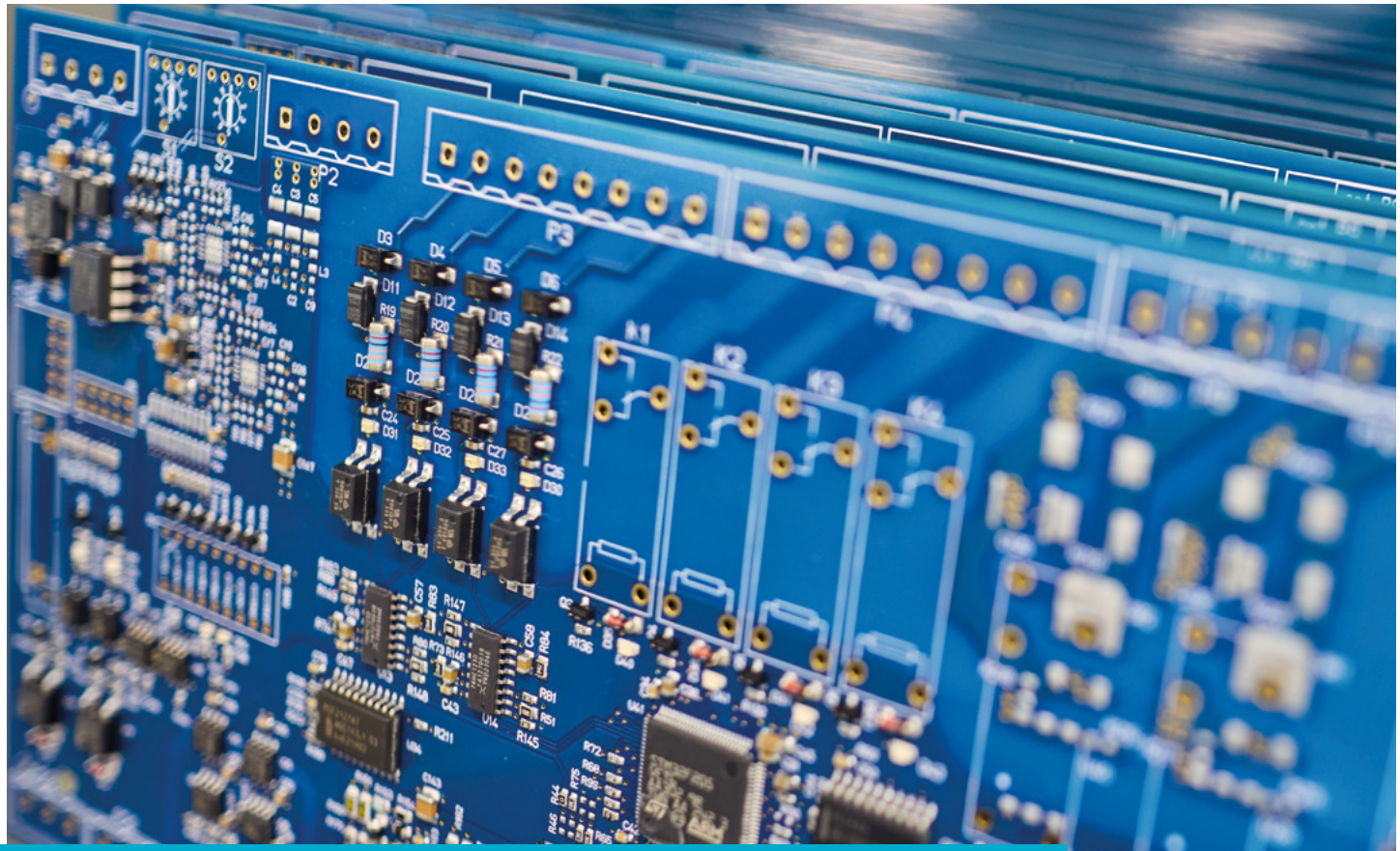
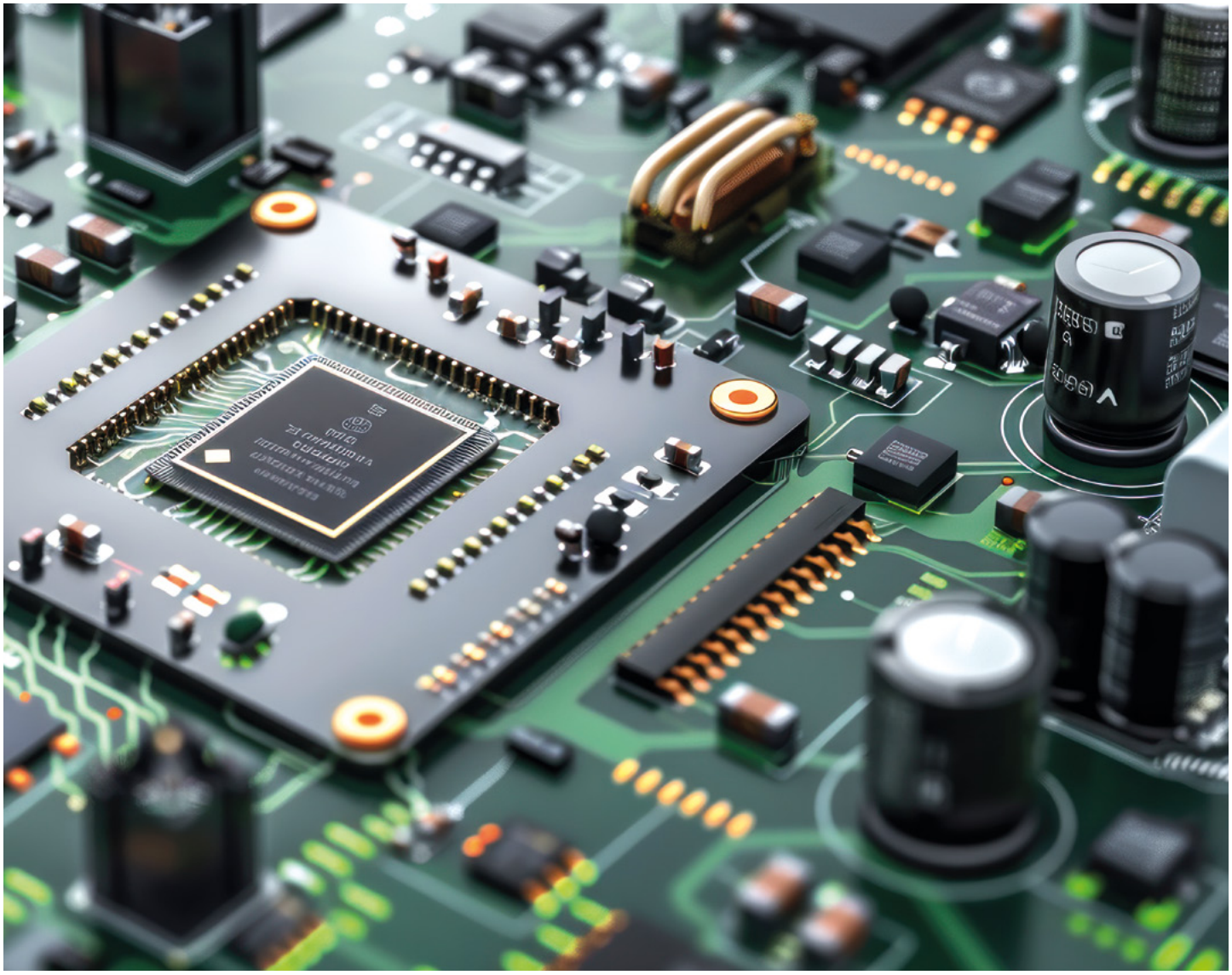
Eckelmann Group



Embedded Solutions

Customized
automation solutions





Customized automation solutions from a single source

In the Customized Automation Solutions (CAS) division, the Eckelmann Group develops, manufactures and maintains hardware and (system) software for application-optimized controllers with Linux operating systems, designed & made in Germany.

Our automation experts work in partnership with the customer to develop application- and price-optimized solutions for the respective application: in hardware, firmware and software in the concept phase, prototyping and series production.

Combination of hardware & software – innovative, sustainable products & solutions

Customer centric development and ECC

The development of the control hardware and software is carried out according to strict principles of customer focus. To this end, Eckelmann builds on over 40 years of experience in electronics and control development as well as comprehensive circuit and component libraries and the Eckelmann embedded custom controls platform (ECC).
A strong development team forms the basis for long-term, trusting partnerships.

Manufacturing

Professional in-house production lines (SMD and THT) at the Eckelmann headquarters in Wiesbaden, - as well as our own device and test equipment construction enable the highest quality standards, responsive development support - also in after-sales, traceability and obsolescence management.

The benefits of ECC to you

- Customized and application-specific control electronics
- Based on high-end ARM architecture and Linux Embedded concept
- Access to the latest Eckelmann SOM platforms
- Access to series-proven circuit concepts from Eckelmann
- Continuous integration and board support by Eckelmann
- Design according to CE, UL, EAC
- Environment-specific, customizable housing concept up to IP67

Embedded Products & Solutions

SOM – System on module



HMI-Touch panel computer

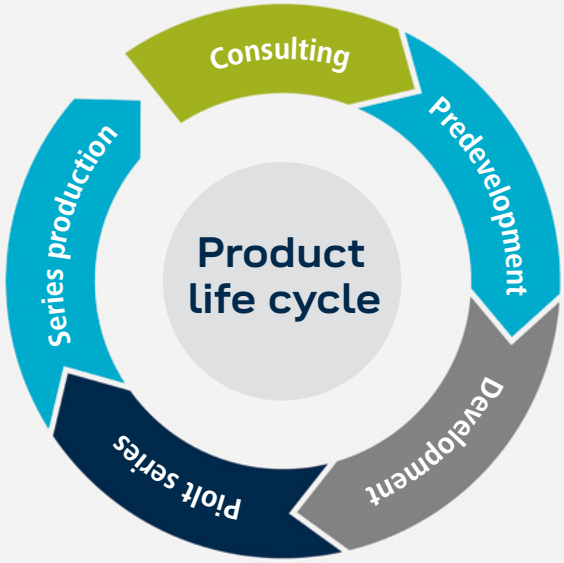


Customized solutions



Services

Projekt, quality and risk-management



Close coordination between development and production: **Design for testability and manufacture**

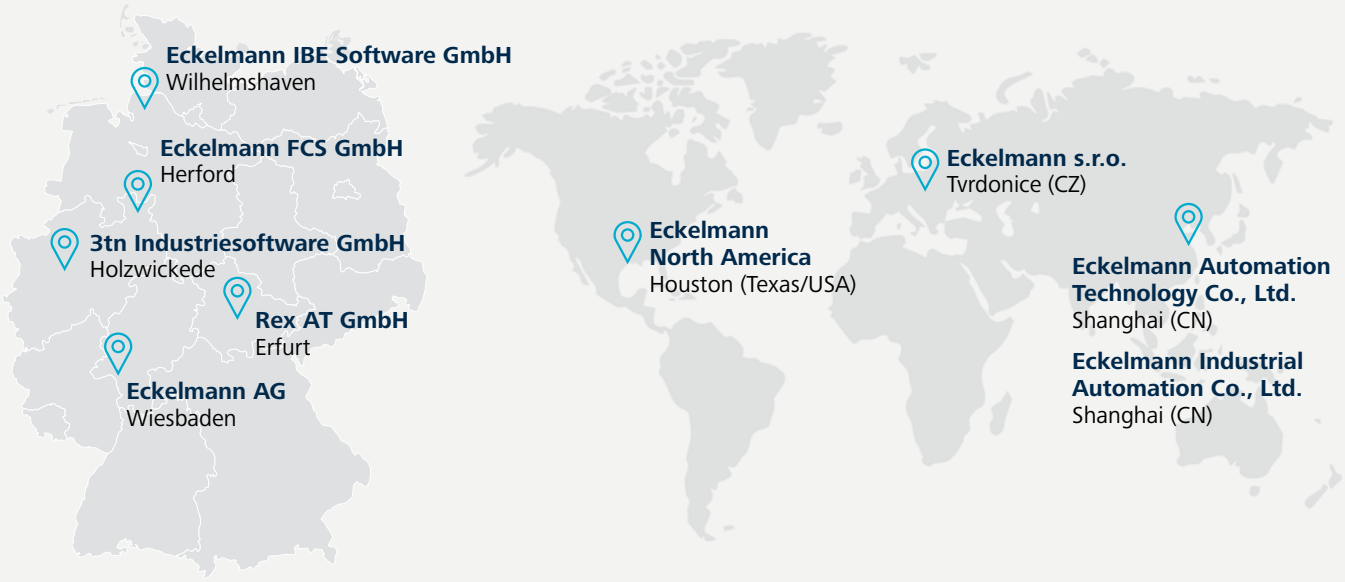


Eckelmann Group

About us

Differentiation in global competition is a challenge for the mechanical engineering industry. We develop and deliver technically and economically perfectly coordinated automation and digitalization solutions for series and special machine construction.

Sites & partnerships – national & international
480 + employees



Talk with us.

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