

Global. Agile. Digital.

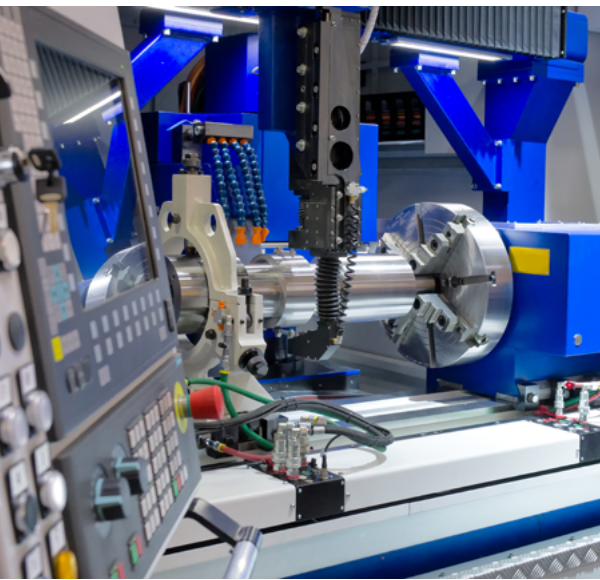
# RLE INTERNATIONAL Group



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# System Development and Integration in Mechanical Engineering

## Expertise for Complex Requirements



Mechanical engineering today faces the challenge of increasing product variety, shorter development cycles, and a growing need for automation. As an engineering partner, RLE delivers customized system solutions – from mechanical design to intelligent control systems. Our interdisciplinary teams combine deep industry knowledge with innovative technologies, supporting companies throughout the entire product lifecycle.

Drawing on our engineering expertise and experience across diverse industries, we create the foundation for powerful, economical, and future-ready machine solutions.



### Efficiency gains & production optimization

We develop intelligent concepts to boost efficiency – from optimizing machinery fleets to reducing downtime and operational costs in production environments.



### Automation & digital transformation

By implementing AI-powered control systems and connected production processes, we enable smart, flexible, and competitive manufacturing.



### Design & material innovations

Lightweight, durable, and high-performance components – with advanced materials and innovative design approaches, we improve energy efficiency and extend service life.



### Skilled labor shortages & demand for expertise

Our experienced engineering teams and scalable personnel solutions help bridge technical gaps and expand your development capacity precisely where needed.

# System Architectures in Mechanical Engineering – From Smart Components to Integrated Solutions

Modern machine development relies on the seamless integration of mechanics, electronics, and software. RLE combines classical engineering with intelligent, data-driven development approaches to deliver robust, automated, and future-ready system architectures.

Our services range from component optimization and functional integration to advanced HMI and control solutions, as well as digital simulation and testing methods. Together with our clients, we create machine solutions that deliver efficiency, precision, and long-term durability in industrial applications.



*“Mechanical engineering isn’t just about boosting efficiency – it’s about seamlessly integrating innovative technologies into existing processes. Our clients need both specialized experts and tailored solutions to meet complex challenges – whether in design, automation, or material optimization.”*

Christoph Laufenberg  
Junior Manager Sales – RLE International

RLE INTERNATIONAL Produktentwicklungsgesellschaft mbH  
Brodhausen 1, 51491 Overath, Germany

Phone: +49 (0) 22 04 | 97 25-0  
Email: [info@rle.de](mailto:info@rle.de)  
[www.rle.international](http://www.rle.international)

CEO authorized to represent the company:  
Ralf Laufenberg (Chairman)

Register court:  
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