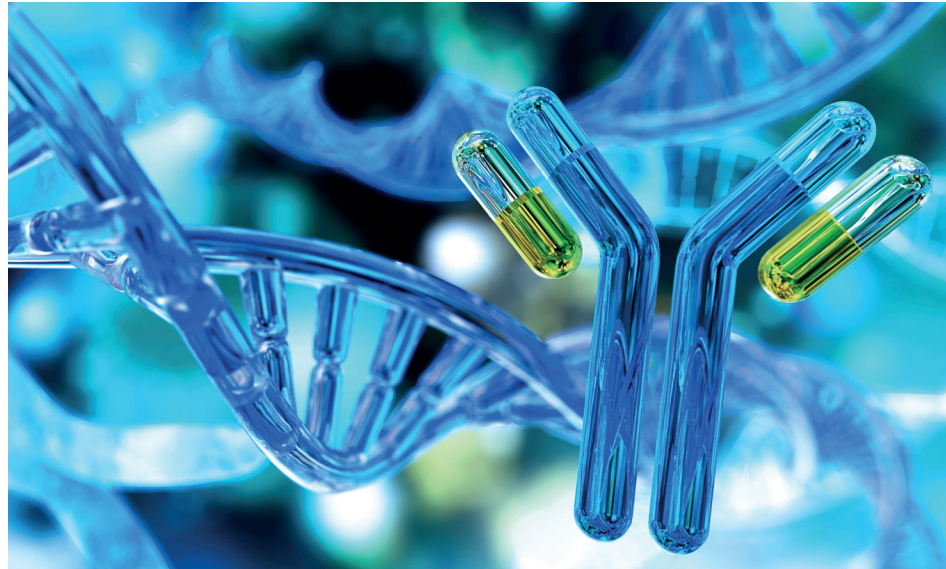


AUTOMATION & DIGITALIZATION SOLUTIONS



PRODUCTS, PLATFORMS & SYSTEM INTEGRATION MANAGING COMPLEXITY

Are you keeping up?

With the ongoing progress of digital transformation in production environments, the abundance of systems and offerings in this area can be overwhelming. Today, successful manufacturing businesses need to stand out by effectively managing the interfaces and connectivity of their digital products, platforms, and systems in application.

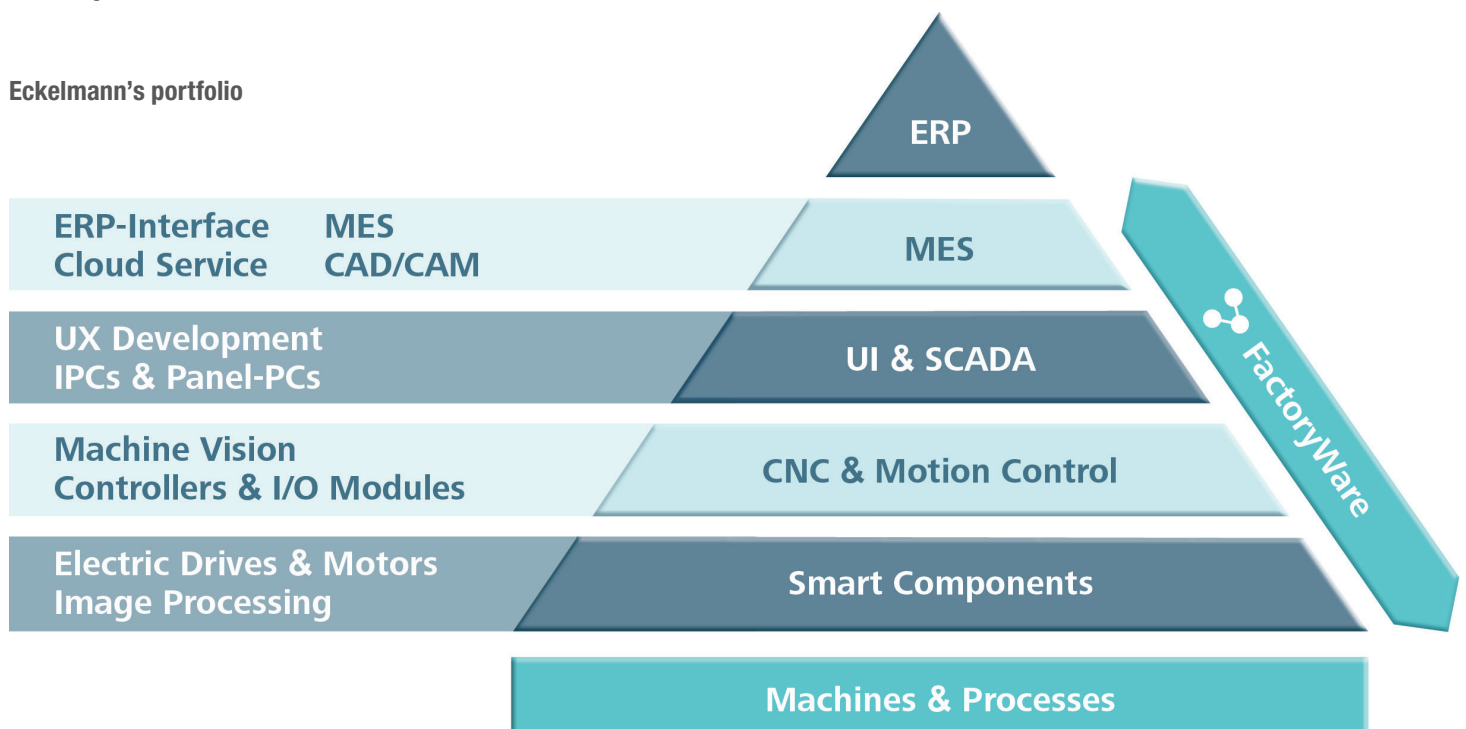
As your first choice industrial solution provider, Rieckermann is committed to helping industrial enterprises address their individual digital challenges, enabling them to achieve sustainable and profitable operations through customized, integrated and state-of-the-art technologies, as well as related services.

Where standard digital products fall short of meeting your goals, our trusted partner Eckelmann possesses unique expertise in integrating IT systems and automation applications for a comprehensive plan-build-operate solution. With a vendor-independent approach, Eckelmann offers a unified solution that is tailored to your special needs.

Eckelmann's core competences

- Supply of customer-specific automation solutions
- Vertical and horizontal system integration
- Digital services to maintain and optimize productivity throughout the lifecycle of devices, machines and production plants
- Individual and effective machine control centers

Eckelmann's portfolio



RELIABLE CONTROL SYSTEMS BIOREACTOR EXAMPLE



COMPLETELY CUSTOMIZED CONTROL SOLUTIONS

MACHINE MANAGEMENT SYSTEMS WITH UNIQUE, USER-FRIENDLY HMI CONTROL UNITS

Meeting the challenges of controlling innovative bioreaction processes

As a full-service provider of automation and digitalization solutions, Eckelmann has specific industry experience in the pharmaceutical and biotechnology sectors. The Eckelmann team actively supports customers in these fields by assisting in the control of critical processes such as PH value, gas flow, revolution speed, and temperature. This enables customers to achieve increased scalability and flexibility of competitive new bioreaction processes, while optimizing quality, efficiency, and safety. Some of the typical applications supported in the past include suspension cell culture productions for viral vectors in gene therapy, vaccines, and the processing of meat substitutes.

Service scope

Eckelmann specializes in the development of control solutions tailored to meet customer requirements across all functionalities. Customers can expect to receive complete solutions that encompass both hardware and software development, resulting in a fully integrated control system delivered from a single source. The exceptional user-friendliness of Eckelmann's HMI unit helps to ensure ease of operation.

Partnership in development

With regard to lifecycle management, Eckelmann offers a range of organizational and technical services tailored to meet all customer requirements. The individualized service packages are designed to ensure success throughout the lifecycle of machines and plants.

Eckelmann's teams of experts should ideally be involved right from the planning stage, providing valuable advice and support for the development and manufacturing processes with specialist knowledge and process know-how. Leveraging cutting-edge technology enables tailor-made automation solutions that drive pharmaceutical businesses forward and sustain long-term success.

Eckelmann complies with highest regulatory standards

The company is **ISO 9001** certified and proves their quality management and certifications in regulated environments based on, for example, the **ISO 13485** as supplier for medical technologies, the **ISO 62304** (medical device software), processes for **GMP/GAMP 5** and the manufacturing of electrical systems according to **CE, UL & UKCA**.

CONTACT US TO LEARN MORE

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