News and Innovations 01/2026

How can existing machines be made fit for the next 10 to 20 years without replacing them?

Our solution: targeted retrofitting

QUALITY MADE IN GERMANY
Special machines for your production

Many production machines are robust, reliable, and economically depreciated – but not networked. Retrofitting specifically adds sensor technology, data acquisition and interfaces, making them digitally visible step by step without changing their basic functions. It is usually **more cost-effective than purchasing new equipment**.

It is important to distinguish between two retrofit approaches:

- **Life-sustaining retrofit:** Brings the system up to the latest state of the art in terms of its basic functions.
- **Industry 4.0 retrofit:** The basic functions of the machine remain unchanged, while it is gradually digitized – from simple process data acquisition to complex applications.

We offer you

analysis, strategy and action from a single source:

- ✓ Inventory of affected machines on site and identification of retrofit and digitization potential
- ✓ Creation of a customized checklist of necessary measures, with special consideration given to the new EU Machinery Regulation 2023/1230 (control system modernization, AI, cybersecurity, etc.)

Customized offer for:

- ✓ Retrofit of mechanics and/or
- ✓ Retrofit of software to Industry 4.0 level:
  - Production data acquisition
  - Process optimization
  - Occupational safety
  - Maintenance planning
  - Cybersecurity, AI, etc.

  in compliance with EU Machinery Regulation 2023/1230 (see page 2 for details)

Targeted retrofitting for existing machines

Your benefits:

- **Retention of machine structure and certification status**
  provided that no substantial modifications are made and the core functionis retained.
- **Significantly lower training costs and fewer production interruptions**
  than with new systems.
- **Minimized investment and downtime risk:**
  Step-by-step modernization protects investments, reduces downtime, and enables continuous production.

Through our integration into the Pütz Group– in particular, our collaboration with the specialists at Pütz Prozessautomatisierung GmbH – you benefit from our many years of experience in the field of automation technology.

At RICO GmbH, we combine this automation expertise with our many years of experience in the development and construction of machines and plants for the beverage industries.

Ready for the new Machinery Regulation 2023/1230

As of January 20, 2027, the **EU Machinery Regulation 2023/1230** will apply to all new machinery placed on the EU market. Machinery must then be designed to withstand unauthorized access or tampering that could compromise safety-critical functions.

As machine builders, we are already taking these requirements into account today and integrating protective measures to ensure the safe design, manufacture, and use of machines - while considering digital technologies and the complexity of modern manufacturing.

However, design plans, software architecture, and network integration points must be reevaluated whenever a significant change is made to the machine that affects its safety or function. Clear guidelines and documentation on cybersecurity will also be required.

Our employees are already being trained today to reliably implement all requirements.

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