

# Eckelmann

## #Pharmaceuticals\_Production

Automation and Digitalisation



## Automation and digital transformation! Yes, but how?

The strict legal regulations present particular challenges for the pharmaceutical industry within the implementation of automation and digitalisation strategies. However, such projects can still be mastered with the right tools and know-how.

### Your benefit



Reduction of the administrative burden using electronic batch records → paperless production



Improved comparability and transparency due to uniform process controls and harmonised KPI monitoring



Higher availability of machinery and equipment due to monitoring and analysis of real-time data



Increase of the error resistance of the production processes due to detailed recording and historisation of process data

### Increase of productivity and cost efficiency



Ico Maker / Stock.Adobe.com



Ivan Traimak / Stock.Adobe.com

### Our Scope



Automation of machinery and equipment according to GMP/GAMP guidelines or DIN EN ISO 13485 including qualification and validation



Modular solutions for line management systems and ERP connections according to ISA88/95



Tried and tested IoT transformation concepts for brownfield plants



Modular solution for electronic batch records (EBR)



Data analytics and reporting



Manufacturer-independent system integration and retrofit

**All services from a single source:  
Consulting – Engineering – Implementation – Support**

# Eckelmann – Partner for Automation and Digitalisation

The Eckelmann Group is a **medium-sized, internationally** active company that provides **complete solutions** for the **automation** and **digitalisation** of machines and complete production facilities.

## Automation

Productivity and competitiveness are determined by the efficiency of production processes. We make sure your production processes get the best possible automation solution.

## Digitalisation

Only those who combine information technology and automation technology can fulfil the value proposition of Industry 4.0. We can do that.

## From a single source

Plan – Build – Operate. We know the complete life cycle of a solution. From planning to engineering and implementation to after-sales support – Eckelmann is your partner of choice.

## Partnership

Success is also a matter of attitude. Relentless commitment to the best solution is part of our corporate culture. We act fair, honest and reliable. Promise.

## Contact us.



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