



Process optimization - How you can sustainably increase your efficiency

Analyze, optimize and improve manufacturing
processes with [service.factoryINSIGHTS](https://www.triovega.com/service.factoryINSIGHTS)



Your advantages at a glance



Increased efficiency

Optimized coordination of interrelated production steps and supply chains



Error minimization & scrap reduction

Scrap reduction through identification of critical production parameters and adjustment of system configurations optimize the production process rapidly



Cost reduction

Cost reduction through analysis of energy consumption data and adjustments to production processes and planning



Predictable quality

Identification of impending wear and tear and predictive maintenance reduce the breakage rate and corresponding waste



Moving the right levers in production pays off

The manufacturing industry is currently facing several challenges that can threaten growth and profitability. Some of the biggest threats are supply chain disruptions, cybersecurity risks, economic volatility, environmental regulations and talent shortages. These challenges require companies to become and remain adaptable and proactive.

Utilize the unused potential of your production data

Manufacturing companies can use data science in a variety of ways to gain new insights into their own production. `service.factoryINSIGHTS` starts right here and combines proven and innovative processes to make your company even more successful.

Structured recording, conversion, correlation and holistic analysis create a multitude of opportunities to gain more efficiency from your existing production ecosystem.

Depending on your individual objectives, different aspects can be improved, such as processes, costs, or product quality.

For example, `service.factoryINSIGHTS` led to 95% faster fault identification in a customer project. In addition to minimizing these errors, the customer was able to achieve an increase in quality while simultaneously reducing costs.

25%

of supply chain decisions will be made via intelligent edge ecosystems by 2025.

Source: Gartner 2022: Gartner Predicts the Future of Supply Chain Technology

95%

Faster error identification - eight weeks versus two days speaks for itself

Our approach at service.factoryINSIGHTS

Imagine that after reconfiguring your plants to speed up your production, you receive an abort rate of 45%. Your experts have already been working flat out for six weeks to find the cause of the error. You know you need to act quickly, but you don't know where to start. You need someone to take a close look at the production data to localize the error: but you have no in-house expertise.

Precise steps for effective process optimization

Using data-based analyses, we identify specific challenges and inefficiencies in your production and create concrete recommendations for action. In an initial consultation, we develop solutions, targets and data products. After reviewing the data basis, we suggest which additional sensors/measurement points should be added to answer the predefined questions. Optionally, we also offer advice on the development of key figures and support with the installation of additional sensors to gain additional data insights.

Our service offers direct recommendations for action based on data mapping and analysis, identification of „hotspots“ and derived measures. Together with your production specialists, we develop solutions for the technical elimination

of weak points or errors in your production. On request, we can carry out an effectiveness analysis and document findings and common errors to prepare you and your team for future challenges.

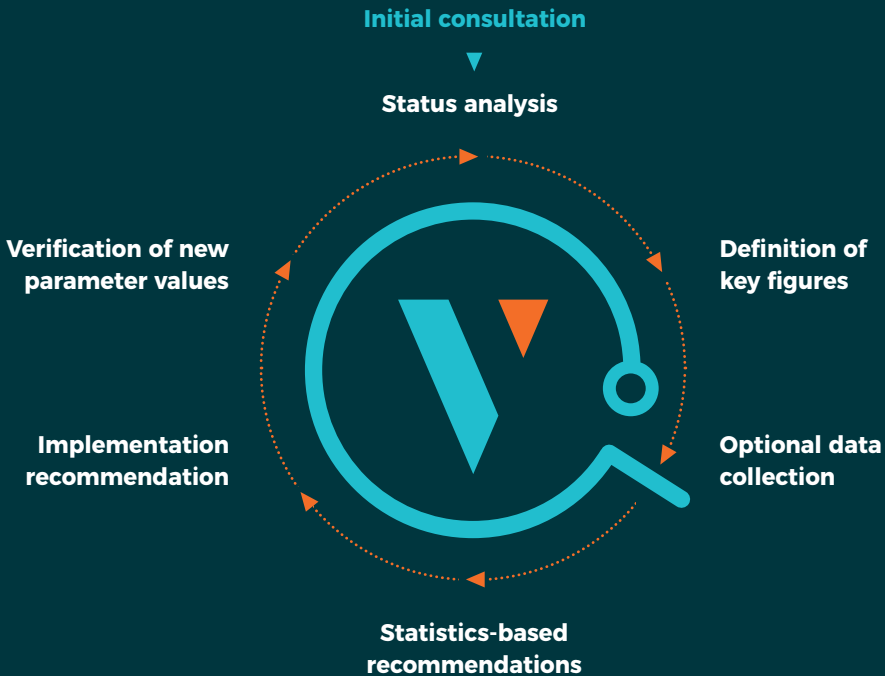
How can you benefit from service.factoryINSIGHTS? I will gladly help you to find out!



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Project flow

service.factoryINSIGHTS



service.factoryINSIGHTS is our contribution to actively support you in increasing your long-term competitiveness and consolidating your market position.

Securely shaping your future

Triovega is a member of the Viega Holding GmbH & Co KG. Together with our colleagues, we create added value for our customers in the service, project and product areas. We are an international partner in technical consulting, implementation and quality assurance for digitalization projects. In close cooperation with experienced and specialized partners, we have been delivering turnkey products and sought-after services since 1999: from planning and implementation to modernization and after-sales service, including accompanying consulting services. At our sites in Lübeck and Braunschweig, we develop software solutions and services for well-known industrial companies. Our international team develops individual concepts and services to meet the challenges around digitalization, optimization and automation projects.

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