

## INDUSTRIAL ANALYTICS

# Data Analytics Workshop

**Your machine data harbor a wealth of unused potential. Utilize this potential with Industrial Analytics and optimize both machine availability and your service offering. Our Data Analytics Workshop will make you fit for Industry 4.0 and help you develop your own strategy.**

Take the direct route to Industry 4.0 with Service Express. Within a short period of time, the Data Analytics Workshop and the feasibility study it entails will provide you with sound suggestions on the best way forward and with use cases that can be implemented rapidly.

You will be assisted by our interdisciplinary team, made up of engineers, automation experts, data scientists, and AI specialists. All our consultants have extensive experience and expertise in machines, processes, and business models. Drawing on our experience, we will provide you with advice on a platform-neutral basis, but can recommend strong partners for subsequent operation upon request. And we will cover the entire process: from machine data collection to data analysis, from resource scheduling to problem resolution in after-sales service.

In interactive workshops, we will work with your experts to determine the possibilities of Data Analytics for you and identify concrete use cases.

## BENEFITS TO YOU

### Rapid project progress

By benefiting from years of experience from numerous projects, you will be able to get results to drive your digitization project forward quickly and efficiently. You will receive the first results and suggestions for the implementation of different scenarios within a few weeks.

### Productive workshops

We will work in interdisciplinary teams, bringing together your industry knowledge with our expertise in AI and automation technology. The result: solutions that provide genuine added value for your company.

### Basis for decision-making and investment

What added value will Industrial Analytics offer in your company? What are the most cost-effective scenarios? Will it help to open up new business areas? You will receive solid answers to these and other questions.

### Cost-effective and efficient

The Data Analytics Workshop is particularly suitable for evaluating possibilities and concrete use scenarios – all without project risk.

To this end, your data and the information it holds will be analyzed in terms of readability, the necessary data structure, and the results that can be expected. On this basis, our experts will then prepare initial suggestions for implementation.

**One-off cost for the  
Data Analytics Workshop**

**€ 4,900**

**Get in touch with us**

**[service.express/en/industrial-analytics](https://service.express/en/industrial-analytics)**

**STEP 1**

## Initial Workshop

Duration  
Approx. 8 hours

**Workshop content**

- Introductions and presentation of the portfolio relating to machinery and plant construction
- Imparting of basic technological information, functioning principles, potential use cases and limitations, as well as prerequisites
- Technical exchange on your essential process steps, machines, sensors, influencing factors, as well as frequently occurring problems and process-critical malfunctions
- Discussion of the technical prerequisites incl. your existing IT infrastructure, strategic planning, data availability and storage, architecture variants (Edge/Fog vs. Cloud), as well as communication and migration strategies
- Establishing a joint understanding of your service organization, current maintenance and repair concepts, as well as the intended service strategy
- Discussion of use cases and their consequences for your business model

**STEP 2**

## Pre-Analytics Phase

Duration  
Approx. 2-4 weeks

**Course of action after workshop**

- Analysis of machine data for processability and quality by a data scientist (approx. 12 hours)
- Exchange on the results of the machine data via video conference incl. an initial visualization
- Joint identification of the requirements for a Proof of Concept (PoC) and the likely results

**STEP 3**

## Results Workshop

Duration  
Approx. 4 hours

**Workshop content**

- Identification and joint prioritization of 1-3 use cases with an assessment of the commercial benefit and potential
- Definition of the requirements for your infrastructure for data collection and storage
- Clarification of the requirements for and quality of the results
- Concluding discussion of scenarios for implementing Industrial Analytics and introducing new business ideas, including a realistic cost/benefit estimate and rough timeline