

Mission: *Industry 4.0*



*Getting Touched
by Evolution*





Talking about a revolution?

When it comes to Industry 4.0 – the increasing transfer of production processes to systems with artificial intelligence – many people are already talking about the next industrial revolution. But revolutions are complicated. Of course they bring about changes that – historically speaking – are usually long overdue. But nearly all revolutions were preceded by great disappointments and disillusiones that ultimately led to radical, violent processes of change. Regardless of the consequences. Regardless of previous achievements. Regardless of existing values. And they endangered important economical, social, cultural and structural resources – all of which are genuine treasures for a company.

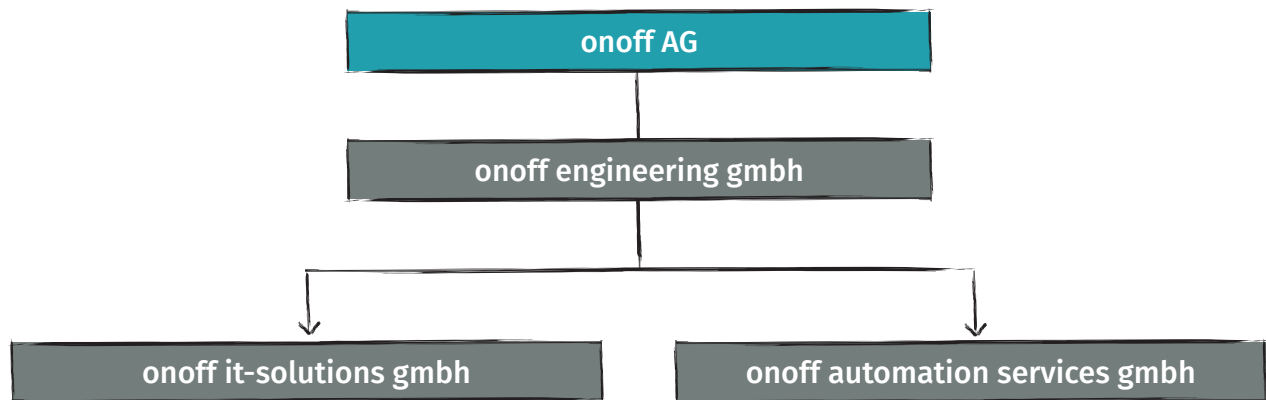
We at onoff AG prefer to compare the phenomenon of Industry 4.0 with an evolution: The slow but consistent development of a constellation toward a higher form. We firmly believe that changes are only healthy and sustainable if they enable people to do things better. If they result from listening and understanding. If they value and include past achievements. If they strengthen positions – especially in highly competitive environments. And if they liberate companies from risks, burdens and excessive responsibility, now and in the future. When companies grow like this, they can change the world. Are you ready for your evolution?

The Executive Board of onoff AG



Solutions From a Single Source

As a system-independent partner for automation and IT, we develop customized solutions for process automation, digitalization and artificial intelligence. Our vision is to raise potentials far above more efficiency, to generate safer and more cost-effective processes that are easier to operate. A strong corporate structure with three operating pillars forms the foundation for this vision:



Our mission is to support our customers on the path to digital transformation. In doing so, we bring no less than 30 years of expertise to the table. Our national and international experience is reflected in the broad range of services offered by our three core areas: onoff engineering gmbh, onoff it-solutions gmbh and onoff automation services gmbh.

onoff engineering

Process engineering plants are becoming increasingly sophisticated. This makes it even more important that you have a partner you can rely on – a partner who responds to the needs and developmental stages of each system with expertise and experience. Your benefits? Greater productivity, reliability and quality.

onoff it-solutions

IT solutions only deserve their name if they are precisely aligned with all your production processes – if they carefully link systems, locations, hierarchies, and especially the people they affect. What do you get out of this? More efficiency at all levels.

onoff automation services

As your partner in the field of automation services, the use of state-of-the-art manufacturing processes ensures the high quality of the respective switchgear. The E, I&C installation team implements your requirements with regard to the installation of the respective automation systems: From field cabling and commissioning to service and maintenance.



empower

***“Previously, we could only react.
The new system from onoff is proactive
and always one step ahead of us.”***


4 Times as Fit for Industry 4.0


Digitalization, demographic change, ecology, urbanization, globalization and increased networking are just a few examples of how quickly our world is changing. Today's megatrends present companies with completely new challenges, making it imperative for them to change as well.

Because we are all too familiar with these present and future challenges, we help you to maintain values such as quality and sustainability at reasonable costs – in all the life cycles of your facility:

 We develop modern solutions for **automation** that simplify processes or take them over completely.

 We create all the conditions for **digital transformation** – and make data available sooner and faster.

 **We install and assemble** process engineering systems professionally and in compliance with all regulations and standards

 We maintain all systems even after they have become operational, and are available immediately if you need our help. **24 hours a day, 365 days a year.**



strengthen

“With the new monitoring system from onoff, we’ve reduced operating costs by 20 percent. Since we have more than 100 branches, it adds up to a lot.”

Sensitively and Passionately

Our creative, customized solutions will not just satisfy you but inspire you. How do we do it? Our level of knowledge and training is unparalleled, whether you work in the pharmaceutical or chemical industries, food and beverages, water/wastewater, or other sectors. We’re flexible and sensitive, whether you’re a small, medium-sized or large company. Our employees are extremely dedicated and always ready to go the extra mile for you.

Our Services

Process Control Systems

Batch Systems

Control Software Development

Visualization and SCADA

Digital Twin

Plant Migration

Web Dashboards and Reporting

Monitoring Systems/Operating Data Acquisition

InfoCarrier® EMS

(Environmental Monitoring System)

InfoCarrier® RAMP

(Condition Monitoring System)

Data Historian/Long-Term Archive

Plant Simulation/Virtual IBN

Alarm Management and Escalation

Functional Safety (SIL)

Explosion Protection (Ex)

Qualification and Validation

MES/MOM Planning and Project Supervision

Automation Planning and Project Supervision

Business Process Modeling

MES incl. 24/7 on-call Service

InfoCarrier® BOXI – Industry 4.0 Interface

Interfaces in the Production Environment

Service & Maintenance

Cyber Security

InfoCarrier® LEM (Line & Equipment Management)

Individual Software Development

Edge Computing and Cloud Systems

Database Systems

Construction and Assembly Management

E/I&C MSR Assembly

Site Service Provider E/I&C

Switchgear Construction

Hardware Construction

Hardware Services

– Calibration and Maintenance

– Fiber Optic Splicing



onoff
IT-SOLUTIONS

onoff
AUTOMATION SERVICES

onoff
ENGINEERING

value



“At first we were afraid we’d have to start from scratch. Fortunately, onoff was able to integrate many of our existing components into the new system.”

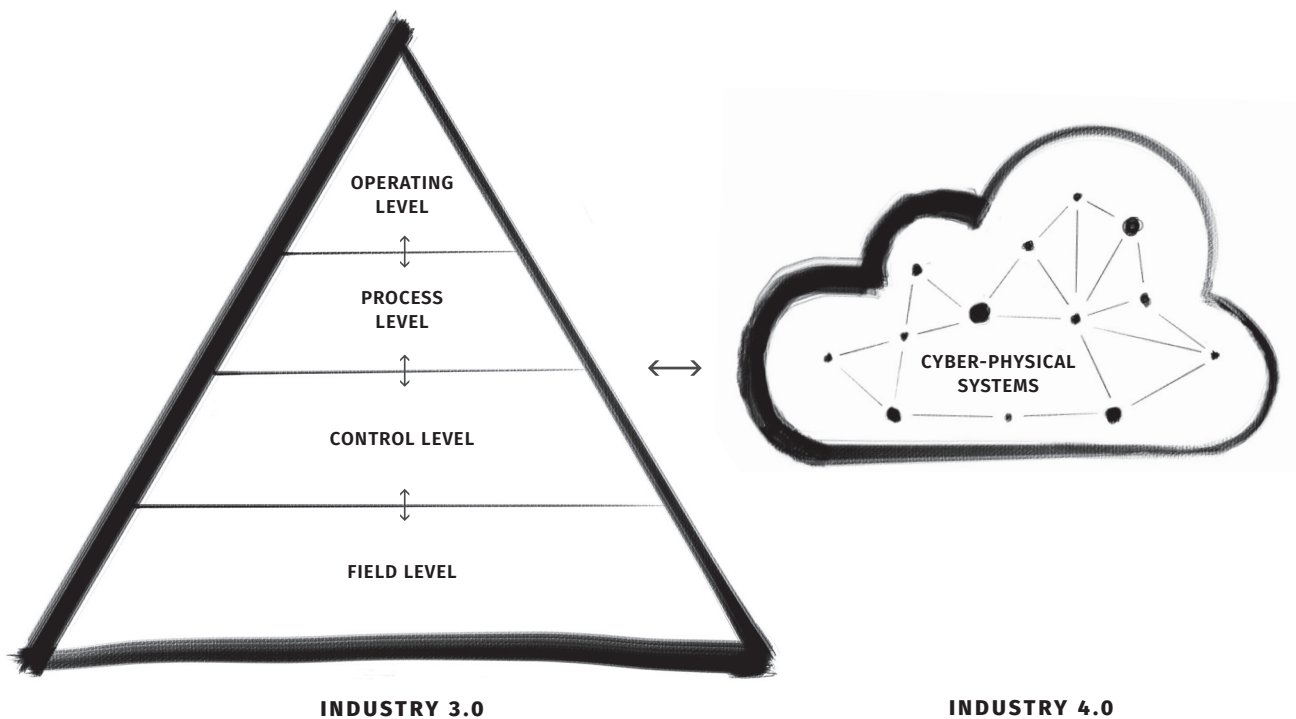
Skill: The Foundation of Quality

onoff AG’s important strategic partnerships with leading system and software manufacturers for process control systems and automation technology are evidence of the company’s high level of expertise. This expertise is also evident in onoff’s numerous certifications in this area.

But the real heart of onoff is its employees. Their high level of satisfaction and low fluctuation rate make us more than proud. And they are impressive proof of how important it is to deploy people based on their abilities and to offer them continued training and support.

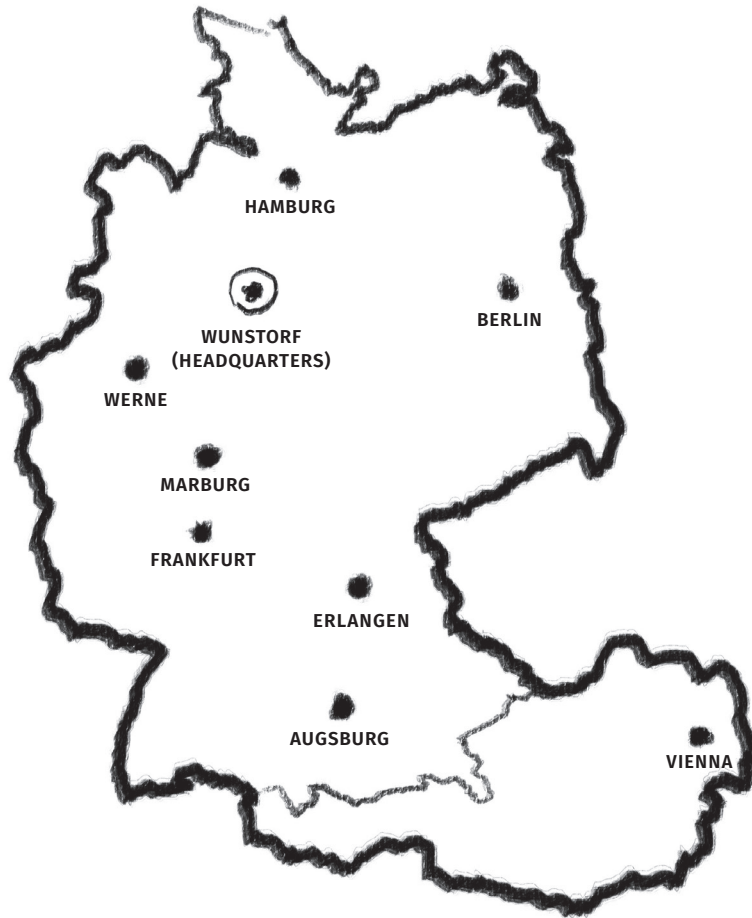
On All Levels

Automation technology is the key to the implementation of the requirements of Industry 4.0. And onoff AG holds this key. It already provides solutions for all levels of industrial production – along the entire value chain.



The linkage of all production levels with the internet opens up completely new dimensions today. The keyword here is cyber-physical systems. These enable cloud-based data exchange and management and control of complex infrastructures – worldwide and in real time. The result: System statuses can be better checked and disruptions can be identified earlier. Important training data for mitigation or autonomous optimization is thus available much faster. The previous strict hierarchical view of production levels is a thing of the past.

Well-positioned



<i>Founded in:</i>	1988
<i>Headquarters:</i>	Wunstorf, near Hanover
<i>Employees:</i>	more than 190
<i>Branch offices/project offices:</i>	9 (8 in Germany, 1 in Austria)

Strong Industries, Strongly Regulated

onoff AG is primarily distinguished by its extensive expertise in highly-regulated industries. It focuses mainly on non-cyclical fields that are largely resistant to economic developments and on growing niche markets with a low risk of default.

Pharmaceuticals

Chemical Industry

Food and Beverages

Gas and LNG

Water and Wastewater

Machinery and Plant Engineering

For decades, onoff AG has lived up to its customers' high expectations, significantly increasing productivity while meeting criteria such as profitability, safety, quality and sustainability. Its detailed knowledge of all current national and international legal requirements and regulations works in its favor.



understand

“We operate in a highly regulated market with strict guidelines; our partner onoff knows them inside and out.”

High Expectations, Many Opportunities

Admittedly, the market for automation technology is not exactly trivial. This is reflected in its high barriers to entry and the manageable number of competitors. At the same time, it offers great, promising potential, which onoff AG consistently harnesses.

Thanks to growth drivers such as digital transformation, green energy and the expansion in the pharmaceutical market, we can look with confidence to the future: This future will use artificial intelligence and learning machines to make processes even simpler, faster and more efficient.

liberate 

“onoff has shifted all risks from our employees to technology. This has simplified many things and lets us sleep easier at night.”



Reference projects of onoff AG

Is the flap empty?

Someone else got there first.

Online at

→ ***www.onoff-group.com/references***

you'll find many examples of our projects
for well-known customers.



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