

A good reputation is  
the best distributor

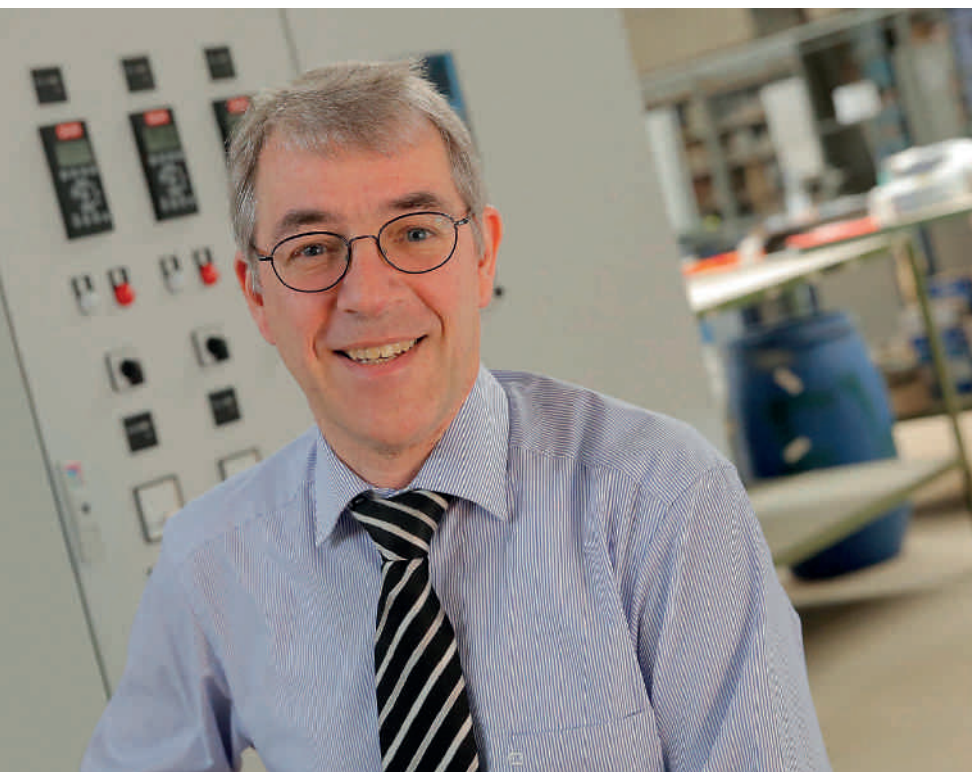


**HEPP-SCHWAMBORN**

*Tradition. Innovation. Strom.*

„With energy, tradition and  
endurance **towards the best  
way into the future.**“

Kuno Schwamborn, a 3rd generation company owner



„Setting impulses while being down-to-earth, is the basic principle of our third-generation owner-managed company. We place all our endurance towards the further development of electrotechnical solutions, in order to put them at the service of the people in management, as well as in simplifying their daily tasks.

On the way to the future, 150 committed and qualified employees accompany us; including 35 engineers, technicians and electricians. They all work in offices, workshops and on numerous construction sites, on energy distribution, installation, control and automation solutions.

Without their endurance and innovative potentials, we would not be where we are today.“





## Impulse generator: With a 100-year old tradition

At the time, Kuno Hepp would never have dreamed that his founding interests would last after almost 100 years.

Currently in its third generation, the company, headed by Kuno Schwamborn, is well-known far beyond the city limits. Almost half of the current employees have completed their internship at the renowned specialist company, which speaks for a true commitment to their company.

In addition to promoting young talents, Hepp-Schwamborn is equally very committed towards fostering the growth market for electric vehicles. As one of the first specialist companies for electromobility, the entrepreneur sees considerable potential for the future.

Mitglied der Innung  
für Elektro- und Informations-  
technische Handwerke



*In the picture above: The Schwamborn family in the 1980s and an energy distribution system from the company archive of the 1950s, electromobility in the 3rd millennium*



## ISO 9001:2015

The ISO 9001 certificate covers the engineering, manufacturing, assembly and commissioning of switchgear, as well as the automation solutions, building technology (high / low current), technical services, technical trade, software development, mechanical and plant engineering.

## VDE, IEC and UL

Hepp-Schwamborn's control cabinet construction not only meets all VDE and IEC requirements, but also the UL requirements.

## OHSAS 18001:2007

Hepp-Schwamborn is certified under OHSAS 18001: 2007 - An operational rule book or occupational safety manual, serving as the basis for the work material, tools and the measures to be derived therefrom.



## Excellent: With the best qualifications

The fulfillment of highest quality standards is primarily in the interest of industrial clients, but also coincides with Hepp-Schwamborn's own operational ideas:

The medium-sized company very much committed to ensuring conscientious compliance with internal technical procedures.



## Everything is signed and sealed: Setting the course for a stable supply

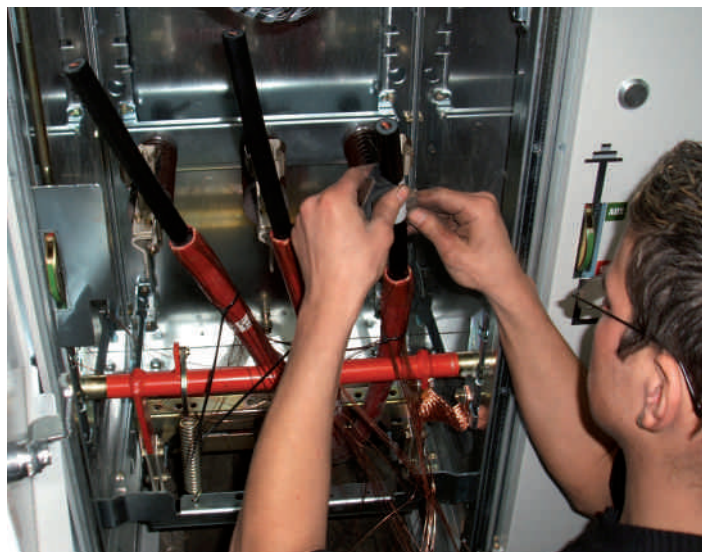
„Safety in energy distribution is a top priority for large-scale industrial and medium-sized enterprises.

Medium-voltage switchgear, transformer stations as well as low-voltage and compensation systems have become indispensable in the continually increasing energy distribution tasks.

Hepp-Schwamborn offers a variety of designs - including sealed or encapsulated systems - fixed installations, plug-in designs, modular systems or custom-made designs.“







## Planning, development, optimization and maintenance ...

... of energy distribution systems are part of Hepp-Schwamborn's core business, wherein many qualified employees participate.

**Finally, it is known that between 5% and 20% of energy can be saved, depending on the industry and the respective size of the plant.**

All Hepp-Schwamborn energy distribution solutions comply with the DIN EN 61439, the VDE 0670 and PEHLA standards. The utmost care is required, especially during the maintenance and optimization of such systems. As a partner for all future maintenance tasks of your energy distribution systems, we offer you all our know-how, as well as all necessary measuring and diagnostic instruments.



## Relying on the right partner means always being on the line

The modern discipline of electrical installation relies on experienced craftsmen and fitters who do more than just their jobs in manufacturing plants, office buildings, banks, insurance companies and commerce; always focusing on the safety, business efficiency and comfort of their clients and knowing which adjusting screws are necessary in their craft for achieving overriding interests. Rely on the Hepp-Schwamborn team.

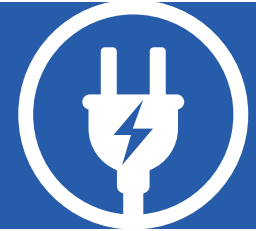
**With the certainty on the compliance to all regulations:**  
Hepp-Schwamborn is very familiar with compliance to specific regulations, as well as VDE regulations. In addition, careful project management ensures smooth processes in the field of electrical installation.  
With innovative, economical and smart solutions, your new or refurbished Hepp-Schwamborn project is in good hands.







## Electrical installation



## Specialist company and licensee for KNX standards

Hepp-Schwamborn's fitters and foremen are very familiar with the KNX standards.

All modern technologies such as shade-providing devices, building heating systems, locking / alarm systems or building surveillance and control systems are included in the Hepp-Schwamborn's repertoire.

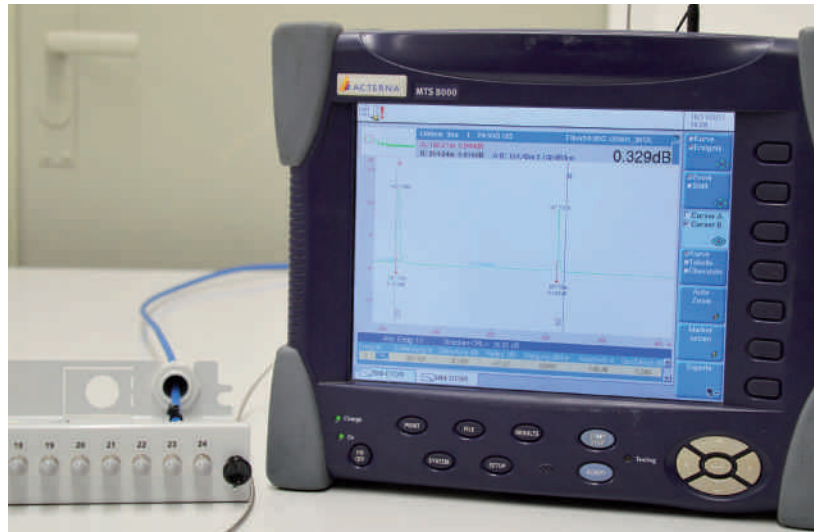




## This keeps your data permanently in flux: Security in the factory network

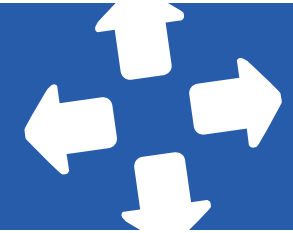
Hepp-Schwamborn sets the course for future-oriented failure safety in closed operating networks. In addition to copper and fiber optic technologies, which are required to connect internal hardware and software, the focus is on the targeted parameterization of active components (such as hubs, routers and switches).

Using high-frequency measuring devices (TDR / OTDR standards), Hepp-Schwamborn's operations personnel check, record and document all work results, as well as the continuous control and calibration of the measuring devices.





## Data and network technology



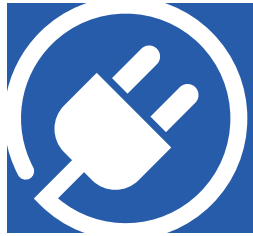
### Why sensitive information increasingly falls by the wayside

The rapidly evolving possibilities in which businesspersons, trading partners, and individuals communicate with each other are creating ever-increasing challenges to the growth of networks. This automatically increases the requirements for reliability, resilience and further increase in transmission speeds.

Especially when compared to international values, the speed of German networks can be significantly improved. For this, it is necessary to adjust the infrastructure accordingly, so as not to miss the connection..

**Hepp-Schwamborn provides all the resources for overcoming all technical challenges.**





## Building automation

### High energy awareness at all levels

Almost half of the world's energy consumption is accounted for by building technology. Much of this, however, could be saved if the energy was not lost through inefficient management structures

Only very few buildings now have state-of-the-art electrical engineering, in order to connect more powerful and comfortable systems. It should be noted that heating, cooling and ventilation systems use up the largest proportion of energy.

In the course of prospective modernization measures or in new construction projects, it is important to flexibly design the building technology to the functional sequences of the companies or consumers.

It is time to take account of the enormous benefits of new technologies and systems. This is the only way to save up to 30% of the energy consumed in buildings.





Solution  
Partner  
  
Building  
Technologies

SIEMENS

Rely on control and automation systems that perform the tasks of intelligent energy distribution in your commercial property.

Consider Hepp-Schwamborn as the overarching fixed partner when planning and installing such systems. Manufacturer-independent, tailor-made and proven solutions simplify installation and rapid commissioning.

Frequency-controlled drives, DDC systems and building management systems (BMS), for example, each make their individual contribution towards the optimization of consumption.





## Automate your procedures, shorten their process

Your complex machinery and equipment deserve the highest levels of automation to help ensure consistent, flawless, and efficient process results." With Hepp Schwamborn, you can be confident that data technology requirements will increase, just as the process complexity increases. Rely on a partner who is not only familiar with your subject matter in such integration processes, but also develops the most economical solution for you.

Which modular system is part of the design, parameterization and programming?

- Conventional as well as state-of-the-art PLC control systems
- One central control cabinet technology
- Locally distributed or networked intelligence
- Conventional control panels or complex visualization systems

Hepp-Schwamborn delivers everything from a single source.







## Automation technology



### How effective project management overcomes any interface problem

Hepp-Schwamborn ensures that everything runs smoothly from programming to commissioning.

This also means that any interface problems ranging from the mechanical engineering to electrical engineering requirements are effectively eliminated from the outset.

**With the integration of numerous individual functions to the advanced overall solution, you'll be right ahead of your competition.**



## Software development

### Do you value sophisticated control systems?

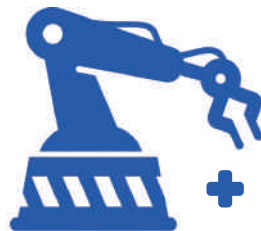
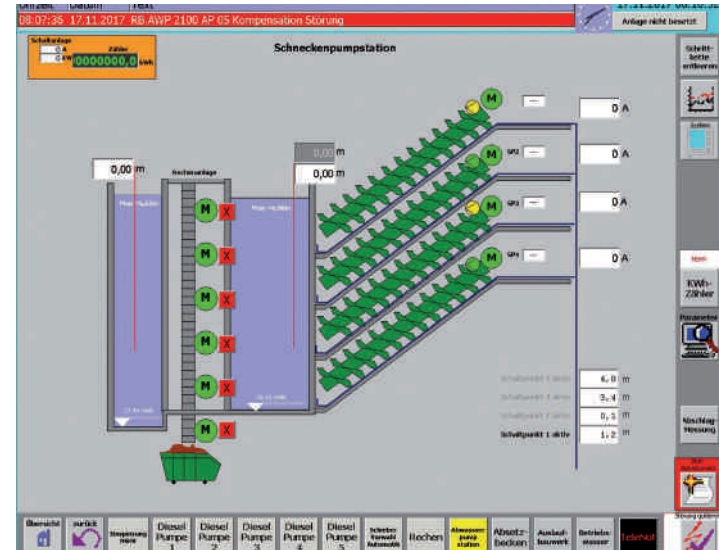
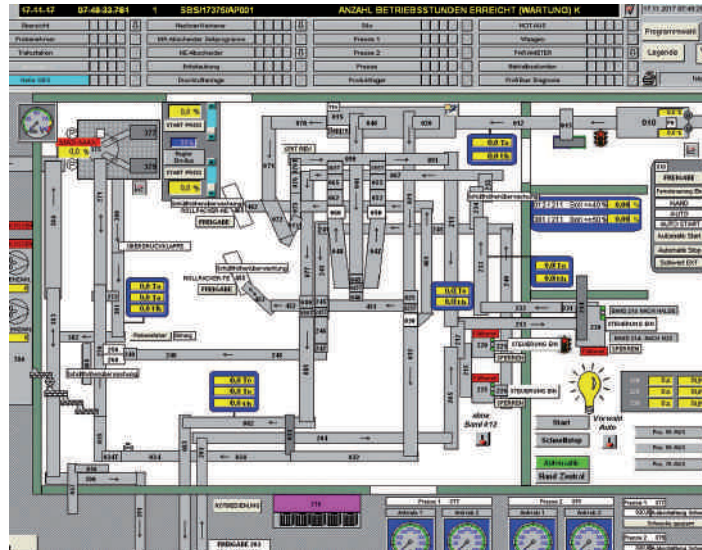
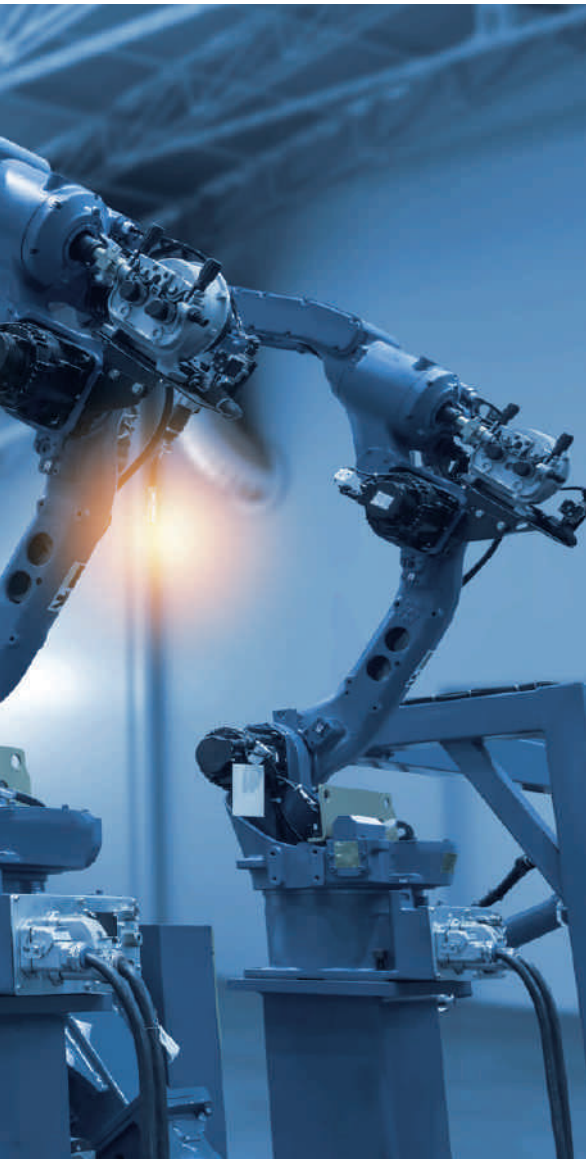
Which systems are aging faster, the process hardware or the attached plant control system? No matter what your answer is: Hepp-Schwamborn sees itself as a holistic supplier and developer of control solutions, as well as a partner for necessary software adjustments.

Thus, it could happen that an existing STEP 5 control electronics needs to be converted to STEP 7. Hepp-Schwamborn has the necessary know-how for such migration processes.

For programmable control systems, Hepp-Schwamborn relies both on the market leader Siemens, as well as on third-party systems to get your automation running safely and efficiently.



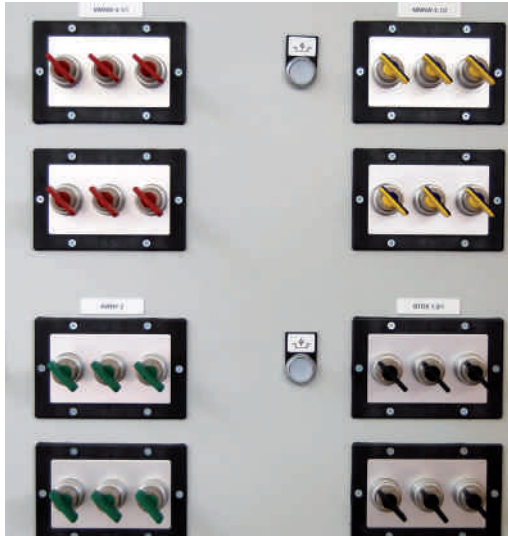




Depending on the task, Hepp-Schwamborn not only handles the programming of the complete automation solution (according to VDI 2519), but also carries out all the necessary tests to ensure its smooth functioning. “Hepp-Schwamborn’s top priority is: First all the required tests, then the delivery.

Whether during retrofit or new installations: With the state-of-the-art visualization options such as WinCC or PCS7, you are always “in the picture”.





# How safe and uninterrupted is your plant operation?

When it comes to analysis questions relating to operational safety, the determination of the degree of hazard to a plant or machine will always come up. This concerns the probability of a possible occurrence of damage and its associated consequences. These include factors that are not directly related to the purely technical manufacturing process: such as, the number of work shifts, the operators' know-how, the individual behavior of the staff ...

**From the risk analysis through the safety assessment to the installation of your finished controller:**

Rely on a smooth-running overall system from Hepp-Schwamborn, which considers all conceivable operational scenarios right from the outset.

This is the only way outperformance works! In this way, you will quickly overcome all competition.





## Machine safety



### It's important to bind compliance with your performance level

Hepp-Schwamborn bases on a previously agreed upon level of performance, when developing the control system. This is the only way to ensure that this can be maintained even if system components fail.

To determine the required performance level (PLr) and to evaluate safety-related machine controls in accordance with DIN EN ISO 13849, Hepp-Schwamborn offers the necessary expertise and prepares the necessary technical documentation and/or operating instructions.



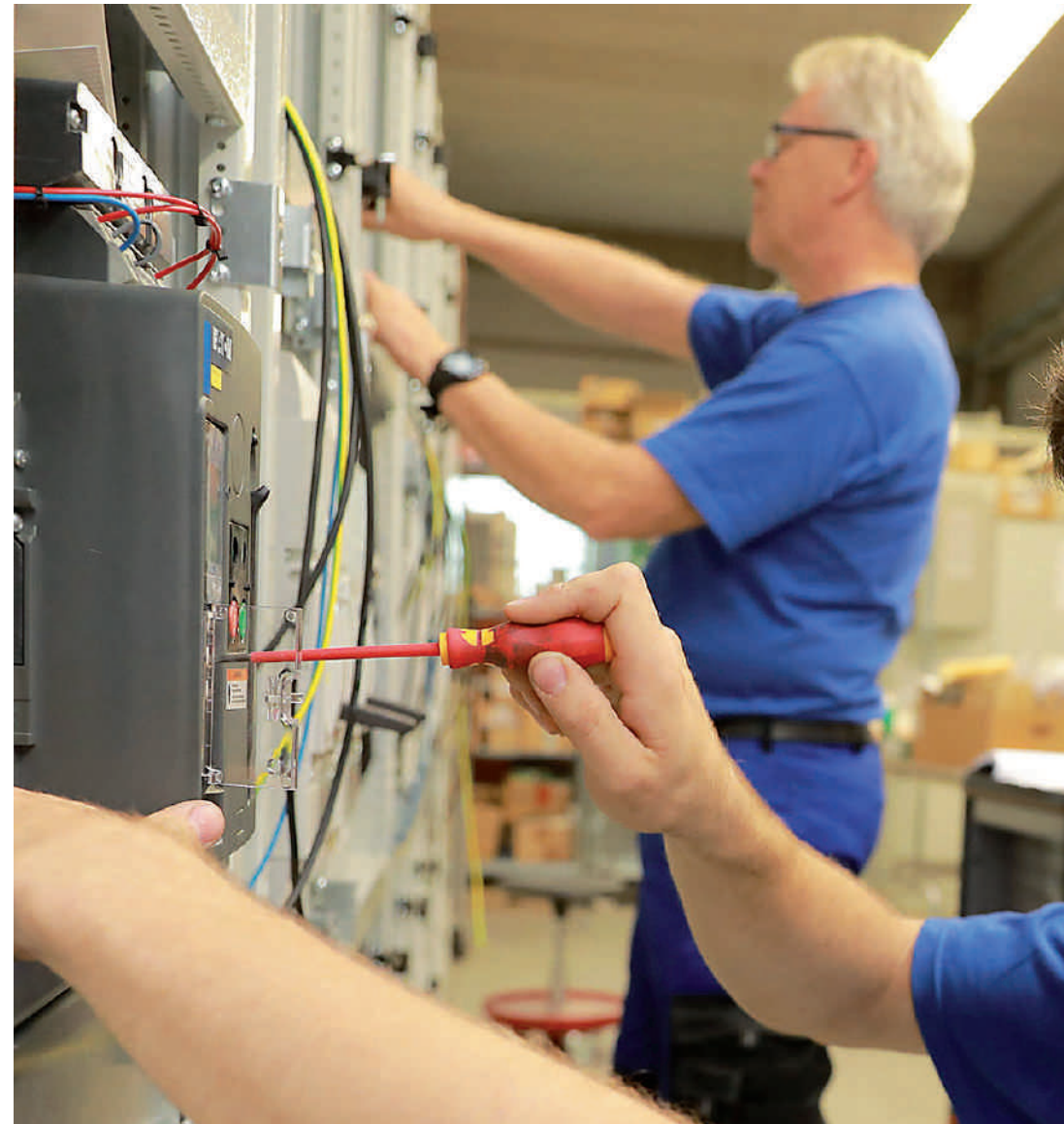
## Control cabinet construction

### Our control cabinets: At the heart of distribution and automation solutions

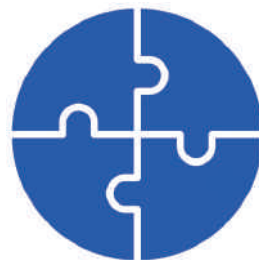
Control cabinet construction has a long tradition at Hepp-Schwamborn, with 2,500 square meters of factory space available for their construction, in order to meet even the most critical requirements.

Experts in distribution-board construction: In addition to the spatial and instrumental storage and testing capacities, a perfectly coordinated team is ready to produce individual modular solutions or solutions for larger series productions.

Switch and operate according to every trick in the book: EMC-compliant control cabinets are manufactured by Hepp-Schwamborn according to the latest VDE or DGUV regulations. In addition, Hepp-Schwamborn is certified according to DIN ISO 9001.







The true competence in control cabinet construction is only apparent in less routine tasks: Hepp-Schwamborn is an expert in control cabinet systems with extraordinary dimensions. The common denominator for all constructions is a consistently logical and clear control cabinet construction with the highest quality components of established brand manufacturers.

**Many years of experience and craftsmanship pays off for you. Experience it first-hand.**

System tests, quality controls and complete simulations after completion meet the highest standards.



## Customized service: So that everything always runs „continuously“ (24/7)

With the seal of recognition for electrical installations and systems (E-Check/according to DGUV regulation 3 for short) all aspects of operational safety, damage prevention and energy saving are put to the test. Hepp-Schwamborn develops tailor-made service concepts for you, in order to optimize your work processes and set the course for lasting productivity reliability.

### The 24-hour availability has long been talked about:

For decades, municipal, industrial and (petro-)chemical companies have been using Hepp-Schwamborn's most diverse prevention, maintenance and service commissions.

This includes, for example, the inspection of the leakage devices for a pipeline operator. Authorization for this is done according to the regulations of the Federal Water Act.







## Technical services



### 24-hour service with the best qualifications for your industry's

Industry-specific knowledge and references are already an advantage; while appropriate certification in many services is indispensable in most cases. Hepp-Schwamborn offers you both.

Extensive special equipment such as aerial work platforms, lifting trucks and all-terrain vehicles accompany Hepp-Schwamborn's works on your premises

**E-CHECK**  
Fachbetrieb



**E MOBILITÄT**  
Fachbetrieb







## Career

### Facing the future together Continuing expansion course with a solid core team

After almost 100 years of tradition and with a solid core team of 150 employees, the performance potential of Hepp-Schwamborn is far from exhausted.

For the catchment area of the Lower Rhine, Mönchengladbach and the Ruhr area, Hepp-Schwamborn is regularly looking for experienced and committed new colleagues (both newcomers and applicants with many years of professional experience).

#### Ready for a fresh start in a friendly team?

Hepp-Schwamborn regularly seeks reinforcement for the areas of industrial and building installation, control cabinet construction, automation technology, (remote) assembly and service.

Get informed via [www.hepp-schwamborn.de](http://www.hepp-schwamborn.de) under the heading „CAREER“ to find out which vacancies are still open. We look forward to hearing from you.





Get to know the benefits of an owner-managed family business and start your career on a solid foundation.

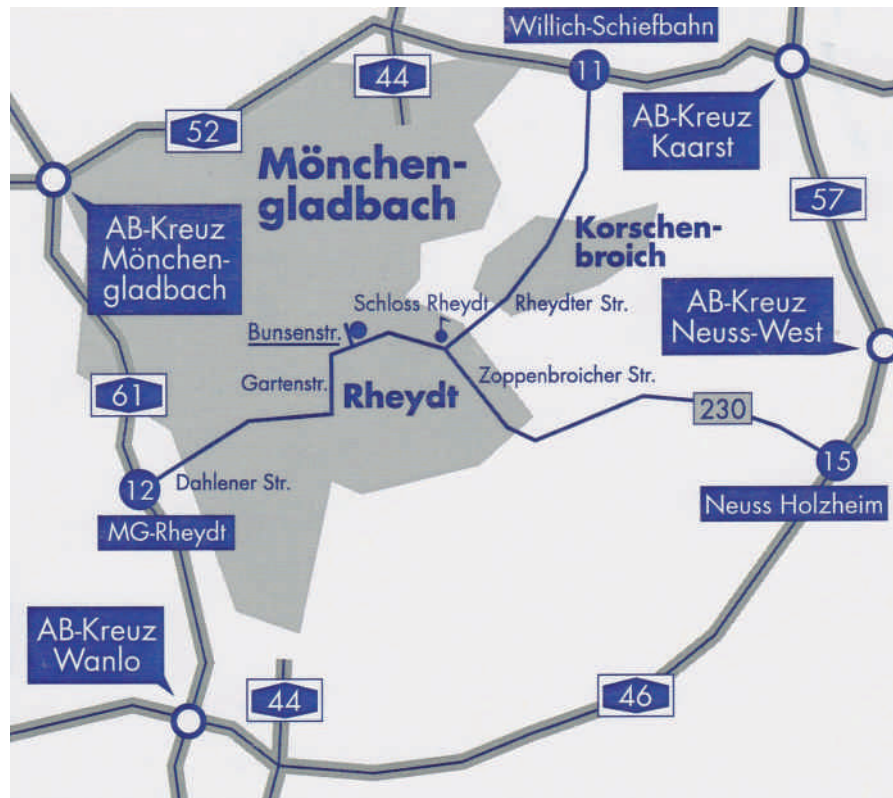
**Hepp-Schwamborn is the first address for career starters in the greater area of Mönchengladbach: Electronics engineers for energy and building technology or electronics technicians for automation technology are always in demand.**

There is hardly any other company in the region that offers such guarantees for long-term cooperation.



## How to find us

We look forward to your visit









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