

WE CREATE SOLUTIONS

DIGITISE YOUR VALUE ADDED CHAIN

DMX

Digital Manufacturing Experience

Assemblies & Subassemblies

Mechatronic Solutions
Control cabinet construction

Engineering & Construction



ASSEMBLIES & SUBASSEMBLIES FROM A SINGLE SOURCE

A HIKflex solution is synonymous with a complete package configured to customer specifications and flawlessly finished. Nothing is left to chance. Our experienced professionals support you in determining the appropriate assembly. The necessary components are supplied by renowned manufacturers. The processing is carried out by our qualified personnel. Thus you receive a cabling solution that is specific to your requirements and ready for connection.



Electromechanical Assemblies

HIK manufactures plug-in assemblies at modern work and test stations from specified plans, drawing or circuit diagrams.



Cable Assembly

HIK provides first-class products for the wiring of machines, plants, control cabinets or assemblies.



Harness Manufacturing

For more than 35 years, HIK has been supplying wire harness production to customer specifications from samples, dimensional sketches or circuit diagrams.



Molding Solutions

HIK manufacturing with temperature-sensitive electrical and electronic components uses low-pressure injection moulding to customer specifications.



EV Charging Cables

HIK manufactures robust and reliable charging cables for fast charging of electric and hybrid vehicles in the private and public sectors.



Modular Connectors

HIK manufactures both standard and individual connector solutions that are used in different areas of application.

HIKwire

Wire set production

HIKwire enables the fully automatic and digital configuration of a customised wire set, including automatic quotation generation. By eliminating manual work such as cutting, stripping, crimping and labelling, existing capacities can be used to create more value. Overheads are reduced by our complete solution package, as complexity is reduced in all processes. The fully automated production of wire sets leads to consistently high quality and the savings potential from using pre-assembled wire sets is 50 %.



TO THE HIKWIRE
CONFIGURATOR





DEVELOPMENT & DESIGN PARTNER WITH PRODUCTION KNOW-HOW

HIKcad represents a unique combination of design, development and manufacturing know-how. Here, the HIK development and design team works closely with our experts in the fields of production and test to offer companies from various industries customised design and development services. Close cooperation and many years experience enable HIK to react quickly and flexibly to individual customer requirements.

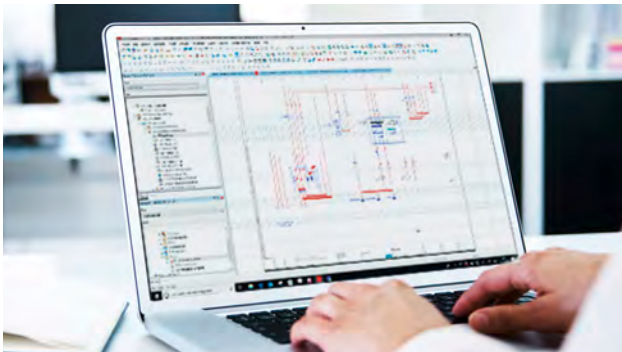
Joint Development

Plan and monitor all steps in the design process with us: We work with the intuitive 3D development platform SOLIDWORKS®.

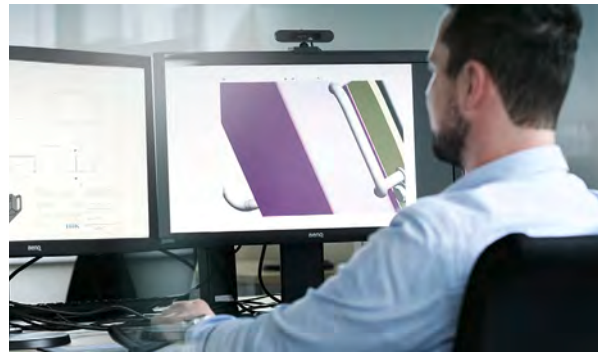
Efficient Engineering

Bring your expertise to the project and simplify the engineering processes: with the EPLAN software we offer you the ideal tool for this.

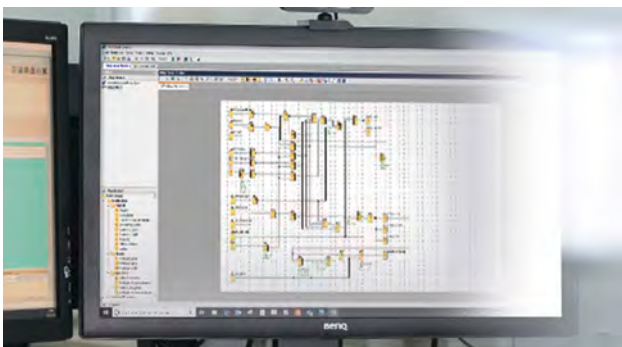
FIRST CLASS TOOLS FOR FIRST CLASS RESULTS



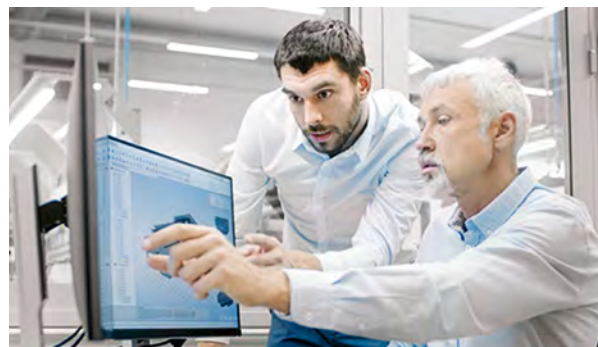
E-CAD



M-CAD



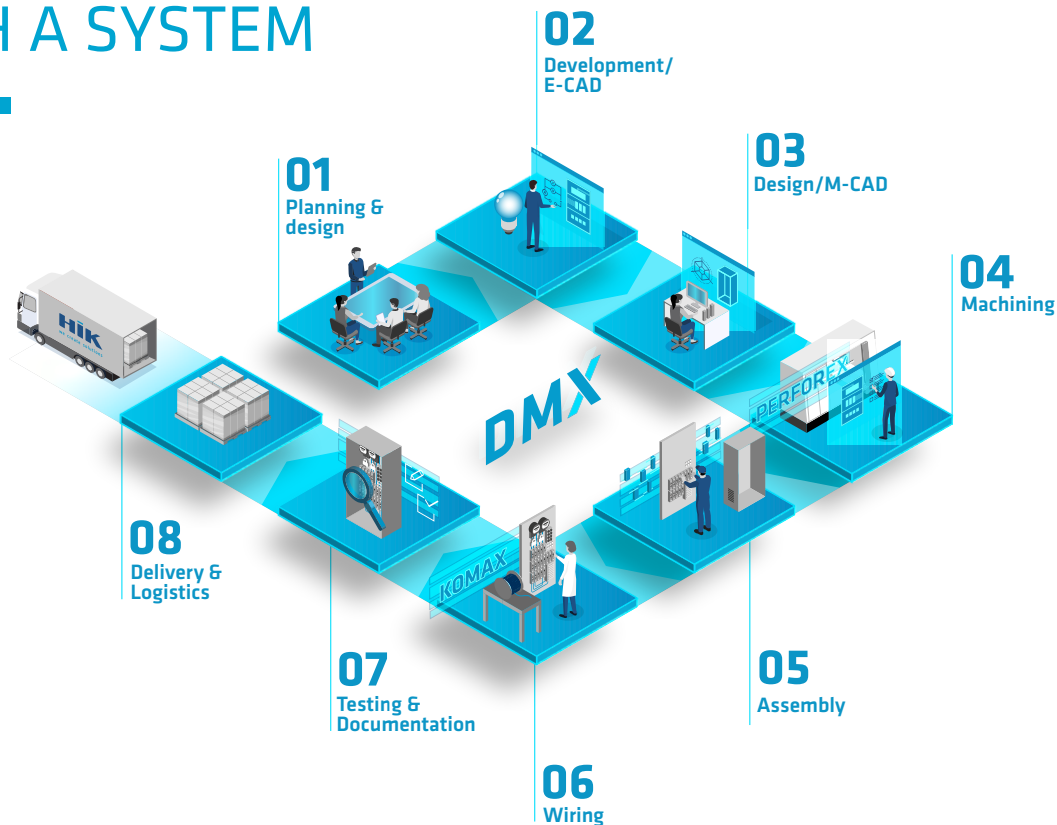
PROGRAMMING



CO-ENGINEERING

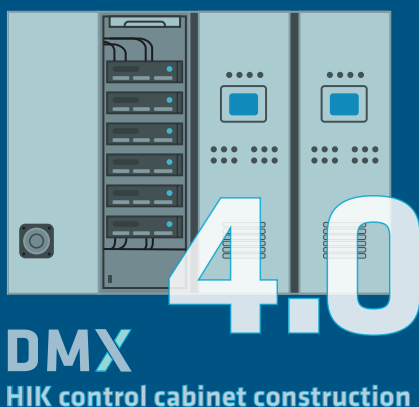


CONTROL CABINET MANUFACTURING WITH A SYSTEM



We at HIK have reorganized the entire development and production process in the field of control cabinet manufacturing. We do not regard engineering, work preparation and manufacturing as detached process elements, but rather as a system that is linked together. This networking enables us to significantly increase efficiency and flexibility in development and manufacturing. We design and manufacture control cabinets completely according to your requirements or support you in the realization of your previously designed control cabinet solution.

HIK CONTROL CABINET MANUFACTURING 4.0 HOW CONTROL CABINET MANUFACTURING WORKS TODAY



Efficient Data Transfer

Improve the efficiency of data transfer: we offer you the ability to upload EPLAN, STEP, CAD and other data easily and conveniently on our website.

Simplified Documentation

Reduce the effort involved in creating documentation: for this, we offer you the option of virtual wiring your control cabinet solution.

Higher Throughput

Increase throughput by up to 30%: This is ensured by interlocking, automated processes within the framework of our digitalized development and production.

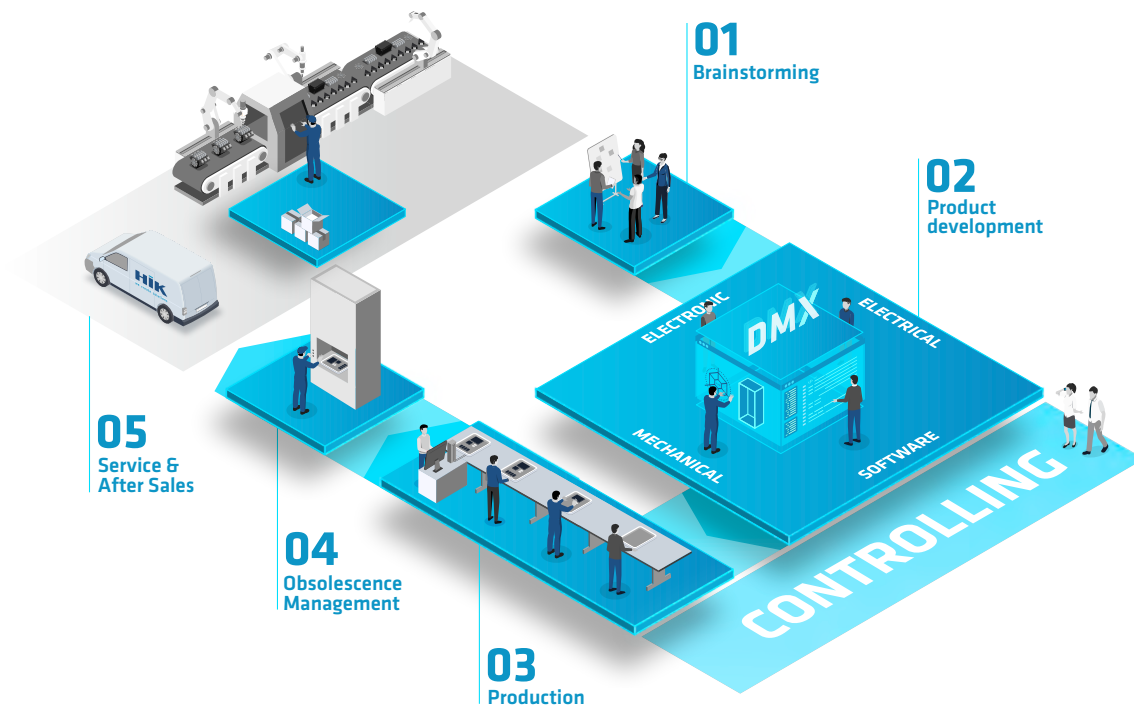
Tested Quality

When it comes to quality, do not leave anything to chance: Our digitally networked production and testing stations guarantee quality according to DIN61493.



MECHANICS AND ELECTRONICS TO MEET YOUR REQUIREMENTS

In the Mechatronic Solutions division, HIK focuses on developing and manufacturing the best possible combination of mechanics and electronics for your individual application. To this end, we offer a comprehensive range of services from brainstorming, mechanical and electro-technical design and production to commissioning and downstream services. In addition, you also benefit from our digitally-supported method of working, which noticeably increases not only the quality of the mechatronic solutions themselves, but also the overall efficiency of the processes.



Brainstorming

In order to achieve a superior product, we work closely with the customer from the concept phase and incorporate our know-how from various industries.

Manufacturing

Our largely automated mechanical processing and manufacturing results in considerable time and cost savings.

Obsolescence Management

By professional long-term storage of spare parts, we make an important contribution to the extended life span of the product.

Product development

The development of all electrical and mechanical components as well as the associated programming of the control system are perfectly coordinated by us.

Controlling

We work out an individual specification for each project. In this way, we ensure that estimated budgets are actually met.

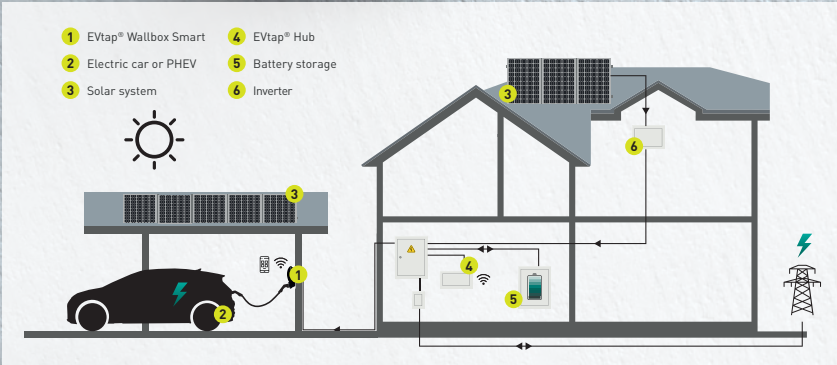
Service & After Sales

Of course, we are also available to our customers with advice and assistance on topics such as servicing, maintenance and repair.

SMART SYSTEM SOLUTIONS FOR ELECTROMOBILITY & PV

connected to power

The EVtap® wallboxes of the Smart series with 11 kW or 22 kW charging capacity convince with easy handling, increased safety, intelligent accessories and an unbeatable price-performance ratio. EVtap® wallboxes are compatible with all commercially available electric and hybrid vehicles in Europe and the 11 kW models are even subsidized by the KfW Bank. Whether at home or in the company: From the main distributor to the charging cable, you get everything from a single source.



HIK
we create solutions

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