

YOUR OEM PARTNER

RESOL®
CONTROL TECHNOLOGY





Since 1977, we have been developing, producing and distributing innovative, high-quality as well as efficient products and solutions for heating and energy systems.

Due to the high production depth and the extensive know-how, we are able to generate quality „Made in Germany“ for your products at the Hattingen site.

As a development and production partner, we are a problem solver and accompany you as a full service provider – from the idea up to the individual product.

In doing so, we offer you our long-term experience as well as our extensive system knowledge and support throughout the development process along with our innovative ideas.

Our strategy: All under one roof – from the hardware and software development through to the production, documentation and sales of the products, we are offering everything from one source. We are characterised by a high level of flexibility and speed, from the idea up to a whole series of products, no matter the size of the idea or number of products you need.

The responsible usage of resources and products for an efficient energy use is our contribution to a sustainable future.





Managing Directors: Marcel Pfeil and Isabel Pfeil

OUR COMPANY STANDS FOR



Innovation

Our research and development division with its EMC and hydraulics laboratory as well as with its extensive testing fields is our own in-house think-tank. Co-operations with universities and research institutes boost the technological exchange.



Quality

Top-of-the-range production lines and a sophisticated quality management system warrant the best possible products. Several awards and the ISO:9001 certification confirm our course into the future.



Service

With our partners for sales and support, we can serve customers worldwide. Furthermore, we offer you customised trainings on your product.

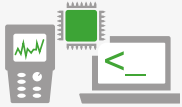


Sustainability

Our products help use renewable energies efficiently and save conventionally produced energy – and thus reduce CO₂ emissions. We contribute to environmental protection by handling resources responsibly and using solar heat and power.

WE'RE FLEXIBLE ALL AROUND!

We put together a full package with you – to suit your wishes and target markets.



Hardware, Software & Laboratory

Here your ideas are made into prototypes, creating the ideal solution hand in hand with you.



Production

A well-coordinated team, top-of-the-range production lines and a sophisticated quality management system warrant the best possible products.



Product management

Our product managers are at your side throughout the whole development process, working with you to design the perfect solution.



Design & Documentation

We adapt the appearance of both your product and its documentation to meet your demands.



ACHTUNG
EIN GESCHÜTZTER BEREICH
Nur autorisierte Personen
dürfen Zutritt haben
sonstige Personen
werden abgewiesen



OUR PRODUCT PORTFOLIO



Our product portfolio encompasses controllers and compact solutions for solar thermal and heating systems, energy management and visualisation.

From simple small installations up to large and complex combined systems with different heat sources and multiple heating circuits, DHW exchange or heat transfer – with us you will find the perfect controller.

The intelligent use and distribution of excess PV power can also be controlled with RESOL products. And if any of your wishes should remain unfulfilled, we will develop a perfect solution with you!

VISUALISATION

In addition to control solutions and accessories, our vast product portfolio includes visualisation and remote access possibilities.

Web solutions such as our VBus.net Internet portal for the quick and secure access to system data can also be customised to suit your individual design.

Products with an integrated web server enable the access to the Internet portal from any mobile device, thus making your product a real network professional.

Apart from these solutions we also offer a great variety of apps and software such as the RPT Parameterisation Tool and the VBus®Touch apps.



CUSTOM-MADE FOR YOUR SYSTEM

You have a control technology idea but don't know if and how it can be put into practice?

We will figure it out for you!

Our control technology experts will check the feasibility and develop an implementation concept. High-end simulation tools enable test runs even before an actual physical system has been installed. Hardware-in-the-Loop testing benches help in doing that. In our in-house hydraulics laboratory, control approaches can be tested on real systems and system parameters can be identified.

Your development team can be a part of this process. We can supply programming interfaces (API) for the development of your own application software and we offer trainings on the programming interfaces of our controller hardware and system libraries.





RESEARCH & DEVELOPMENT

Our research and development division develops according to your wishes: From hardware and software to the laboratory – with us, your products are developed and tested by a well-coordinated team of experts. This way you will get your all-round care-free package.

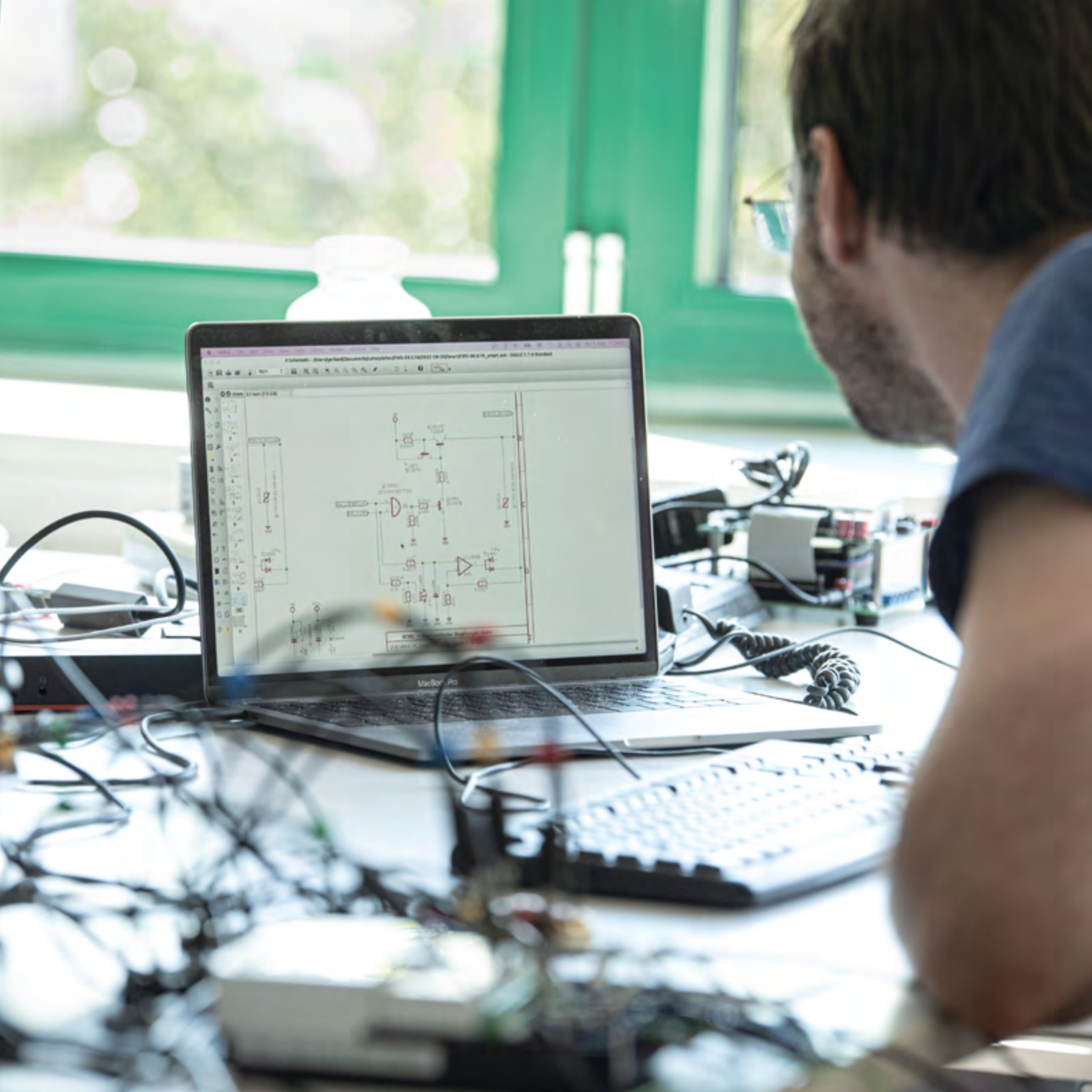
In our in-house EMC and hydraulics laboratory with its extensive testing facilities your products are put through their paces. This is how the ideal product comes about.

HARDWARE & SOFTWARE

Our hardware division designs the circuit board and implements your individual wishes directly in order to establish the optimum basis for your product. Tests such as EMC and EU conformity testing take place during development.

Furthermore, certifications of your product for different target markets are possible.

Our software division programs individual functions and additional system features. Factory settings can be changed quickly to suit your wishes. Of course, new developments are also possible to meet your requirements. In addition to device software, we also offer personalised solutions all around operating our devices.



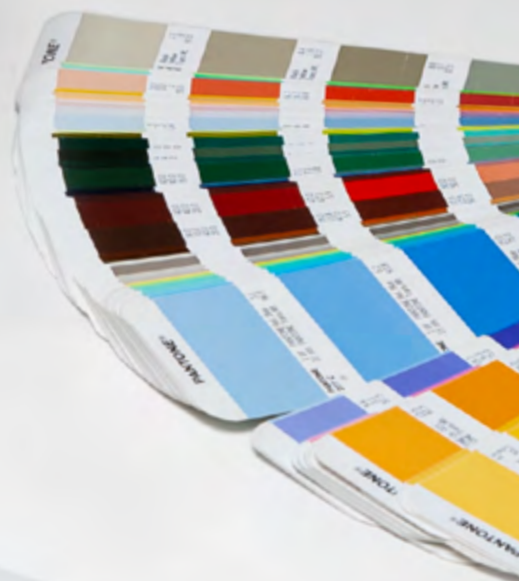
PRODUCT MANAGEMENT

From the very beginning, we accompany your product or sales idea with our know-how!

Our product managers are at your side with their extensive system knowledge. Based on your wishes and demands, we will develop an individual solution with and for you.

With their many years of experience and trained eye for your needs, our experts are your partners throughout the whole project. This is the ideal pre-requisite for future-oriented products.





DESIGN & DOCUMENTATION

From the type label to the manual, we customise everything according to your needs. Our graphics and design division fulfils your design wishes – be it the appearance of your product, individual system representations or customised documents.

Our technical documentation division creates your customised documentation and takes over the translation management if you wish. In this way, you will not only get documentation tailored to meet your requirements, but also in the desired languages.

PRODUCTION

In our production we set standards. Modern production lines and a well-coordinated team produce up to 2000 controllers per day.

The high production depth “Made in Germany” warrants flexibility and quality, so even small-batch series can be manufactured economically.

We use modern quality assurance technology with an AOI station, flying probe tests, etc. Controls take place after each individual production step, so that 100 % quality assurance is ensured.



GLOBALLY POSITIONED



Besides RESOL Germany, our international sales partners are there for you as well.

With us you are well-advised all over the world.

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