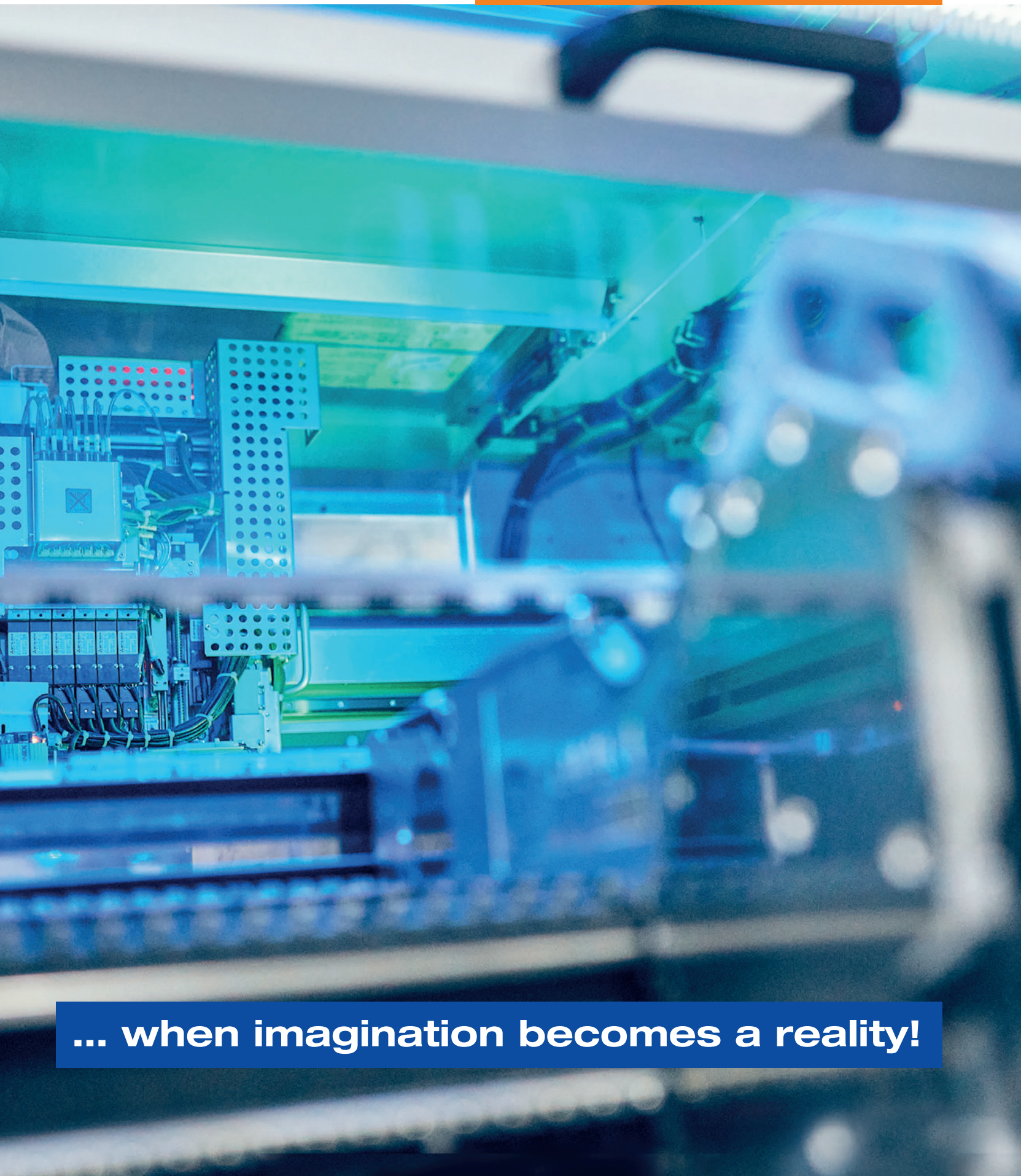


Coronex

Electronic Manufacturing Services



... when imagination becomes a reality!

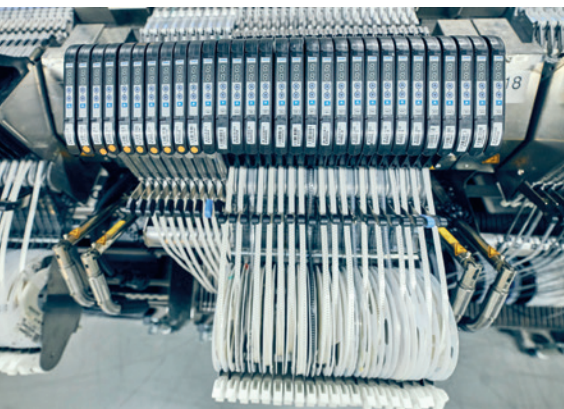


Coronex makes it possible!



The realization of your idea is within reach. You're just a few planning steps away from your finished product. Having more than 40 years of experience, qualified employees and renowned suppliers, we offer you all services in the field of electronic manufacturing in the Rhein-Ruhr area.

Many companies from various industries and markets rely on our production know-how and our broad service portfolio. Our team checks each idea carefully and, if necessary, optimizes it in consultation with you. We advise you on efficiency and cost security so that your idea becomes a success. Finally, the process results in your proven and tested high-quality product made in Germany. In order to guarantee this permanently, we carry out various test methods at different stages of the production.



After procuring the required components and parts, they are already thoroughly checked upon arrival – because the total of all individual components eventually determines the perfection of your final workpiece. Necessary decisions are communicated and reconciled with you throughout the entire production run. Your satisfaction is our top priority. Therefore, our entire service is individually tailored to your requirements. Even in the final step, the logistics, we adapt completely to your needs.

Read the following pages to find out how your product comes into being!



Pilot and small series – HEWA GmbH:

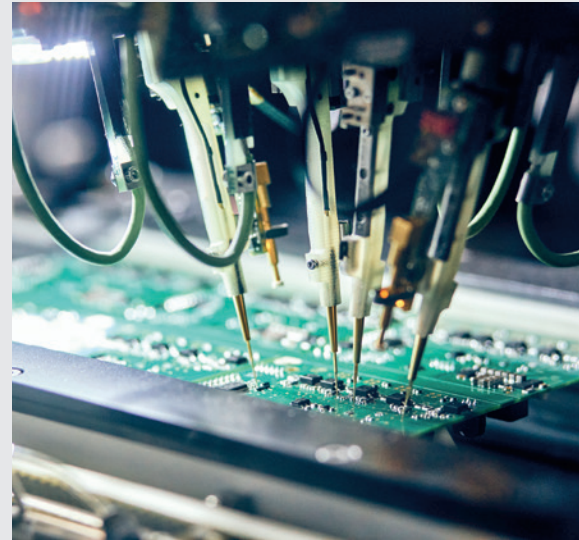
In order to optimize the handling of small series, developments and prototype assignments we have taken over operation from the traditional Bavarian company HEWA GmbH. In addition to the entire service range, HEWA also offers cable manufacturing. Coronex and HEWA thus complement each other perfectly.



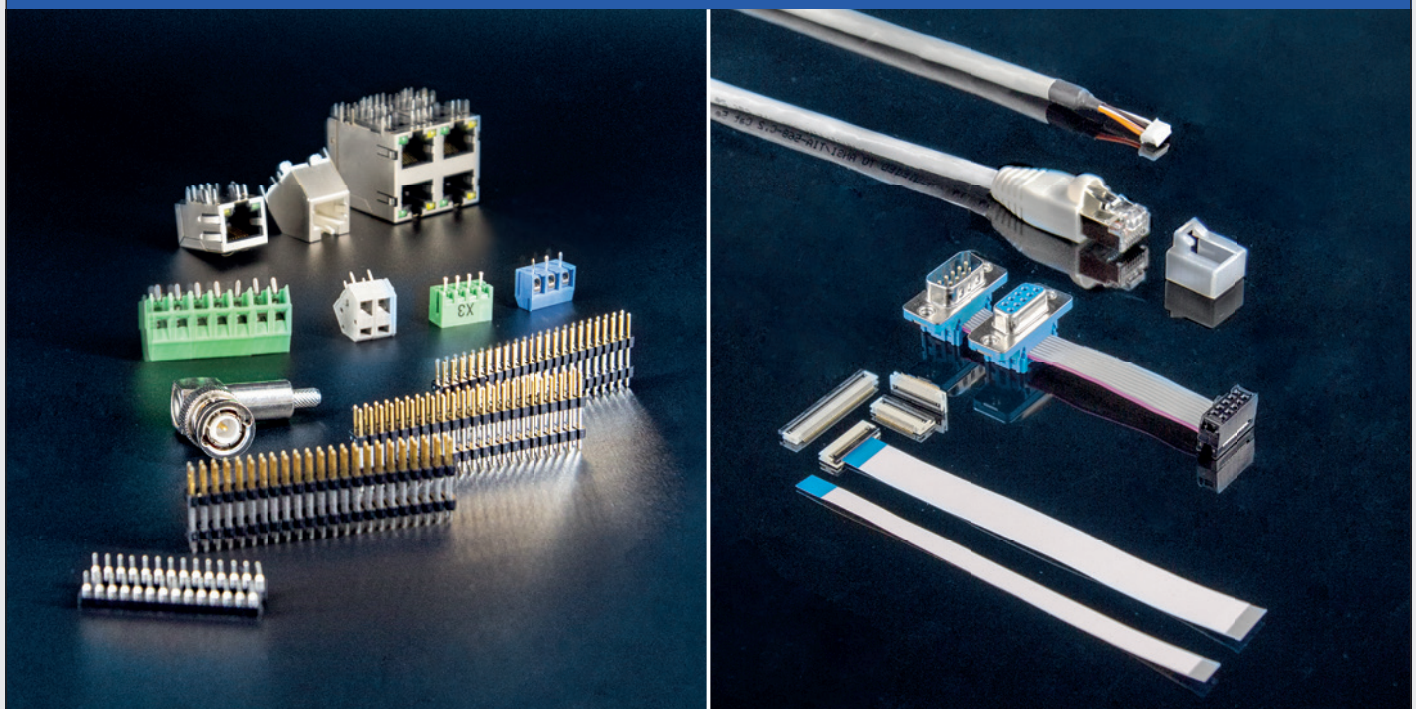
www.hewa-ems.de

Certifications:

Coronex is certified according to DIN EN ISO 9001:2015 and ATEX approved according to DIN EN 80079-34 for potentially explosive atmospheres.



Steckverbinder, elektromechanische Stecksysteme und Datenkabel



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Fon +49 7231 – 397 238-0 | sales@conelectronics.de | www.conelectronics.de

Turning an idea into a product

Our work follows a clearly structured process. It starts with examining your idea and ends with the finished product in series production. Experience, technical skill as well as a little visionary spirit are required so that all stages can build on one another. All work steps are carried out in close coordination with you as the customer. Adjustments are made either by you or by our specialists in coordination with you.

1.

Work preparation

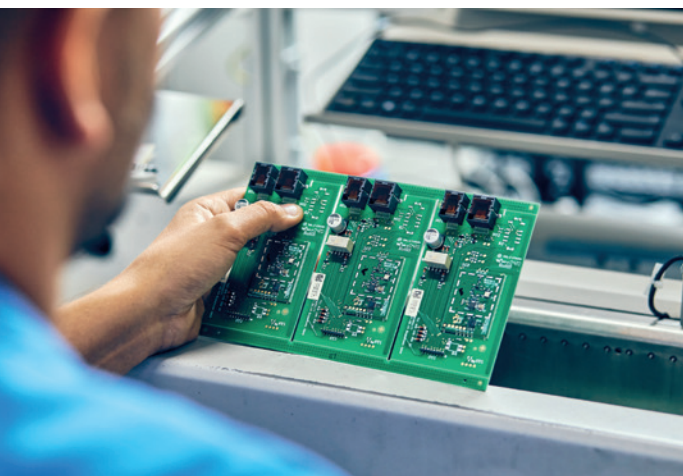
Your data, samples or also prototypes are evaluated with regard to production and feasibility aspects. After a thorough examination you will receive a qualified assessment of possible improvement potential and optimizations with respect to series production. At the same time, necessary documents for production are created to ensure continuous quality. We will give you our estimate of a realistic time planning and show you ways to reduce costs.

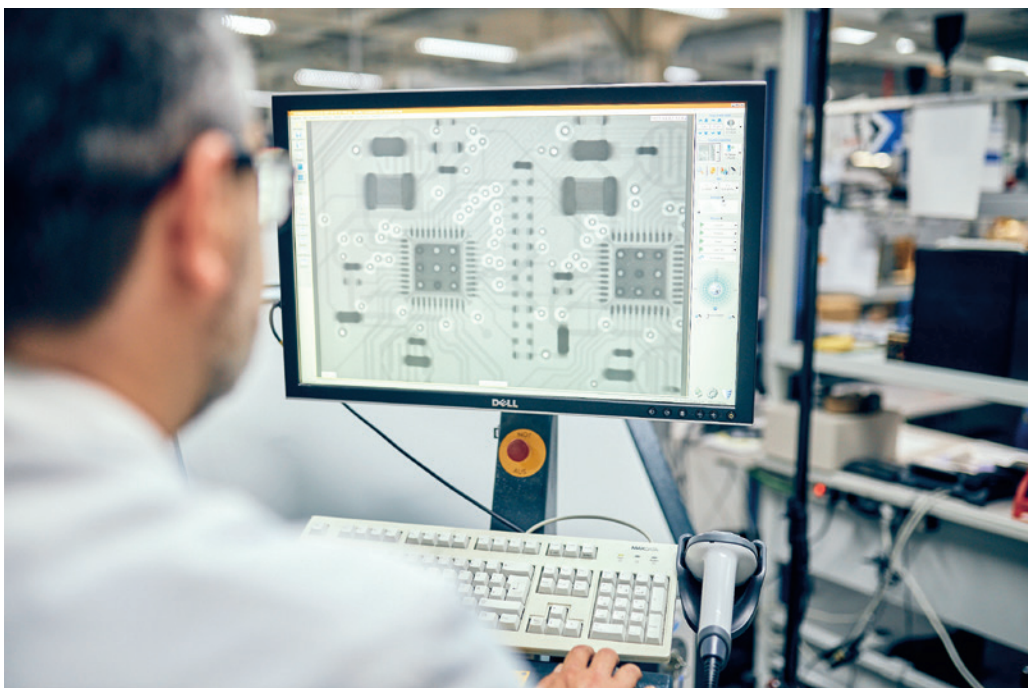
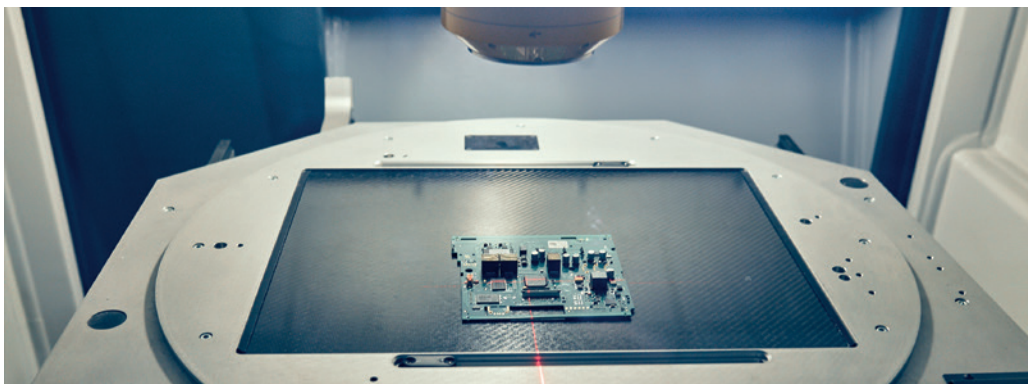


2.

Procurement

We take care of the worldwide procurement of necessary components, parts, or raw materials for you. In doing so, we consider both cost optimization as well as delivery times.





3.

Incoming goods

Even the greatest care in the selection of suppliers does not exempt us from carrying out at least random checks, thus taking quality assurance measures. These can also include x-raying the materials. Moreover, all components are marked with our own Coronex number so that we can keep track of which component was used on which assembly (traceability).



4.

SMD assembly

In the first production step, the SMD (surface mount devices) components are placed on the printed circuit board at the highest speed and precision. Thanks to our state-of-the-art production machines, we are able to process up to 360,000 components per hour.

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Wir sind weltweit der einzige Anbieter, der **Reinigungsanlagen, Anlagensoftware, Reinigungschemie** und **Prozessdesign** aus einer Hand liefert.

5.

THT and manual placement

It's not always possible to place all components by machine. Our qualified employees then take over the manual placement. Even the subsequent wave or selective soldering is carried out in a nitrogen atmosphere to ensure consistently high soldering quality.



6.

Assembly and “ruggedizing”

Assemblies are sometimes further assembled, adapted to harsh environmental conditions by painting and casting (ruggedizing), installed in housings or even combined with other assemblies to form complex solutions. We offer a wide range of options, including complex line assembly.



7.

Programming, inspection and testing

Throughout the entire production process, your product is continuously inspected, programmed and tested at the necessary stages. A final electrical test ensures the functionality of your product.



8.

Logistics

We package and ship your assemblies or even complete products according to your requirements. Our fully automated high-bay warehouse is also available to you to carry out project-oriented logistics all the way to your end customer.



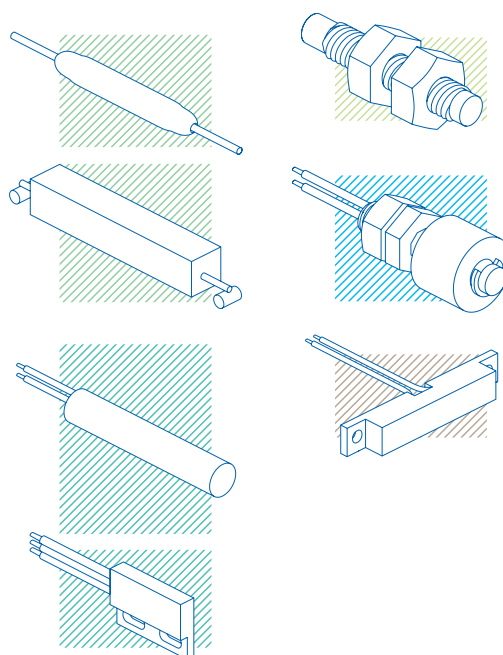
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