



Engineering Support

2020



THE TEAM



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Your project success is our mission!
With more than 500 successfully staffed and managed projects in software and hardware development, our account managers will find the right project team members for you.

Welcome to K-tronik Engineering Support!
We support you to bring your project to success.

STEP 1

REQUIREMENTS

ANALYSIS

We **listen** to you and **understand** what you are all about.

STEP 2

OPTIMIZED

RECRUITING

Our account managers have the necessary **technical understanding** as well as interpersonal skills to provide you with the perfectly fitting candidate profile in a short time.

360° SUPPORT

STEP 4

During the entire project duration our account manager is your **single point of contact** for all organisational and commercial action points. At the same time, we continuously accompany the project employee during the onboarding process, organize project-relevant further training measures and conduct regular feedback as well as annual meetings. We have developed an **integration matrix especially for our foreign candidates**, that provides a variety of onboarding measures for the new employee. Support in finding accommodation, personal assistance with banks, authorities and booking German course are just examples. **We take care of the general conditions so that the project employee can work 100% focused for your project.**

STEP 3

INDIVIDUAL

CONTRACT CONCLUSION

We offer you the **appropriate contractual arrangement** for your project: temporary employment, contract of employment, contract for work or agile development contract.

"The K-tronik team is professional, knowledgeable and responsive. It is a pleasure working with its members. Stefan Füll perfectly matched my talent to the client's project and provided the necessary support to ensure that projects success. He has earned my trust and respect and has contributed to establish a productive relationship in a dynamic and exciting environment."

Jack Dounetas
Audio DSP Consultant

TESTIMONIALS & CUSTOMER COMMENTS

„For me, K-tronik is a reliable partner for bridging personnel bottlenecks with qualified engineers quickly and reliably“

Michael Hall
Director Software Test Lab
Marquardt GmbH

„The long-standing cooperation with K-tronik is based on trust and reliability. We are especially convinced by the prompt feedback / solutions and the qualified employees.“

Jessica Edenhofner
Manager Human Resources
RoodMicrotec GmbH

- A company that is fun!
- Always a sympathetic ear.
- Interesting, innovative projects with work-life balance.

Erol Turgut
Test engineer for high frequency measurement technology
Rohde & Schwarz

"I'm grateful for the opportunity K-tronik has given me to work in a pleasant, multicultural environment. The management is very helpful and not only encouraged me to work in latest technologies but also helped me to improve my career as a Software Developer. K-tronik offers numerous opportunities for their employees to succeed in career and also supports to improve soft skills. I'm proud to be part of K-tronik and looking forward to be growing with K-tronik."

Sandhya Erotu
Fullstack Webdeveloper
Rohde & Schwarz

"K-tronik has proven in several on-site projects in the area of movement control that they can independently develop, test and integrate solutions into products".

Roland Stenzel,
Key Development Expert,
Siemens Healthineers



OUR CUSTOMERS

- AES Aerospace Embedded Solutions GmbH

- ASK Industries GmbH

- AUDI AG

- Audi Electronics Venture GmbH

- Autoliv B.V. & Co. KG

- Automotive Safety Technologies GmbH

- BMW AG

- Brainlab AG

- Continental Automotive GmbH

- Dräxlmaier Group

- Elektrobit Automotive GmbH

- EFS Elektronische Fahrwerksysteme GmbH

- elobau GmbH & Co.KG

- ESR Labs AG

- KUKA Deutschland GmbH

- Lilium GmbH

- MAN Truck & Bus SE

- Marquardt GmbH

- MTU Aero Engines AG

- Rohde & Schwarz GmbH & Co.KG

- Rohde & Schwarz SIT GmbH

- RoodMicrotec GmbH

- Siemens Healthcare GmbH

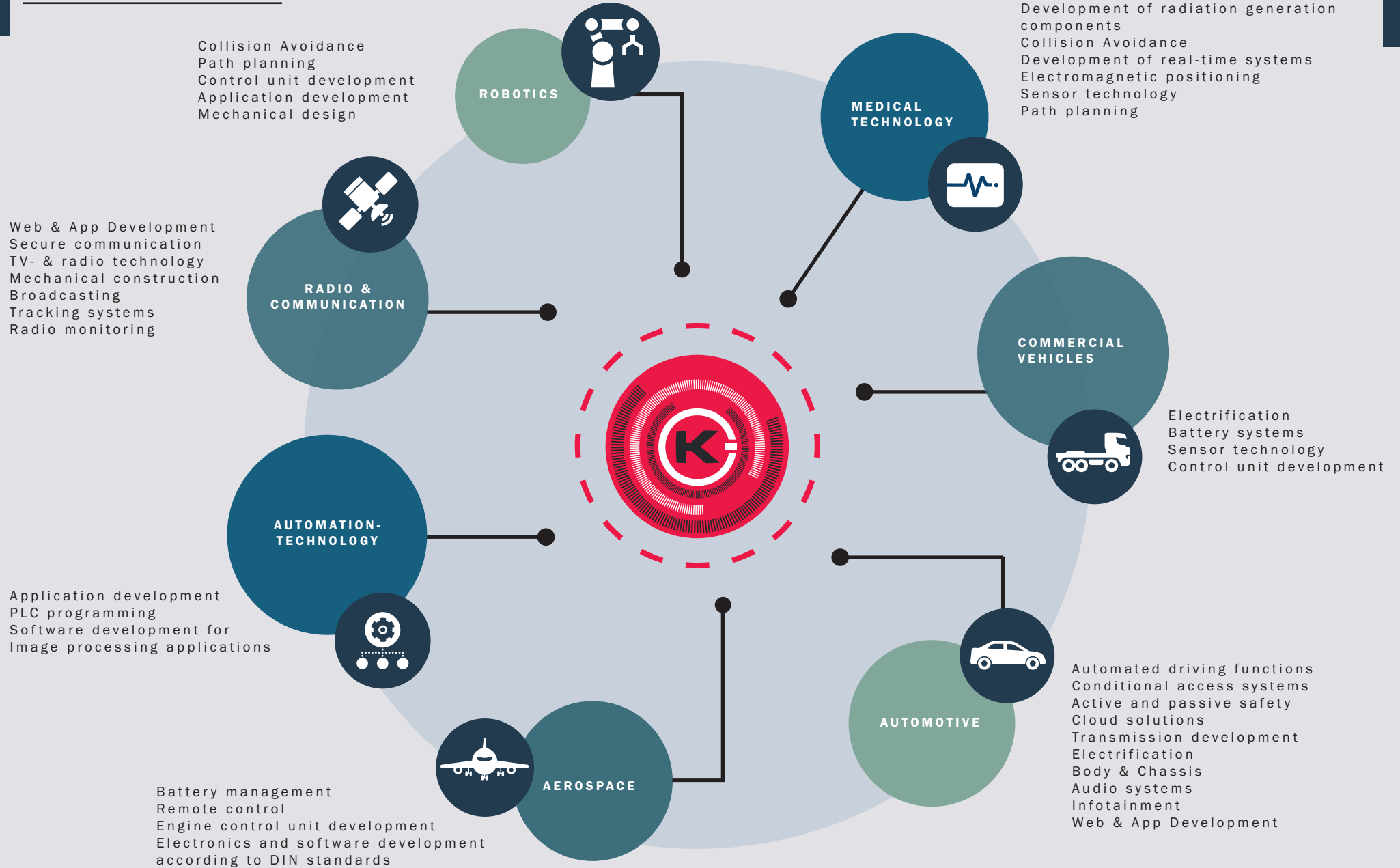
- Sky Deutschland GmbH

- Veoneer Germany GmbH

- VISPIRON CARSYNC GmbH

- Zenuity GmbH

BUSINESS EXPERIENCE



SOFTWARE DEVELOPMENT: > 280 MAN-YEARS OF EXPERIENCE

HARDWARE DEVELOPMENT: > 190 MAN-YEARS OF EXPERIENCE

TESTING: > 250 MAN-YEARS OF EXPERIENCE

SUPPORT PROCESSES: > 210 MAN-YEARS OF EXPERIENCE



ELECTRICAL TRANSMISSION-ACTUATORS

The electrical transmission actuator technology has a significant influence on the size, cost and efficiency of gears.

For more than 5 years, K-tronik has been supporting a large Bavarian automotive group with its expertise in the development of electric transmission actuators in concept, pre-series and series production.

Thanks to the inventiveness of our colleagues, we have already been able to apply for three patents for this project and thus make a significant contribution to its success.



HIGH VOLTAGE-COMPONENTS FOR HYBRIDS & PURE ELECTRICAL VEHICLES

In the field of commercial vehicle technology, our engineers are working on the next big step: the electrification of the drive system.

On the one hand, these developments take place on the basis of the high-voltage vehicle electrical system and the distributors, thus ensuring an ideal energy balance of the vehicles. On the other hand, our engineers are also working on the battery system, the heart of every electric vehicle.

Here we are particularly involved in the development of control units and the design of the battery cooling system.

In addition, safety considerations and electrical simulations also belong to the services of our experts



TURBINE CONTROLLER DEVELOPMENT FOR A MILITARY TRANSPORT AIRCRAFT

For this project, we undertake the troubleshooting of the control unit of the vehicle turbine and develop shutdown measures.

In addition to the error correction work we do technical support and create training descriptions for electronic modules of the controller unit.

We also managed national as well as international suppliers in this project. We have also designed the simplification and automation of production steps for series production.



DEVELOPMENT AND TESTING OF AN OPERATING MODULE FOR MEDICAL ROBOTS

In medical technology, our experts are working on the development of **robotic therapy devices for automated surgical procedures**. Intuitive operation of the medical robots ensures the best possible support during medical interventions.

Our engineers develop the latest generation of operating modules that meet the high requirements for functional safety (IEC 60601 SIL 2) and clinical purity in medical technology and combine them with the user-friendliness of a touch screen.

On both, the **hardware and software side**, K-tronik offers all services from a single source. From conception, specification and procurement of third-party parts procurement to testing and troubleshooting.



CONTROL SOFTWARE FOR LIGHTWEIGHT ROBOTS

We support the development of the control software and thus the "brain" of a **lightweight robot**, recognizable by its typical slim design with seven axes. It can move safely even in angled rooms and reacts to the slightest touch.

In the area of **safety control**, K-tronik is involved in the specification and development as well as the **functional test**. For example, we test various motion sequences and combinations in order to identify possible errors - so that "the heart of the robot keeps on beating".

K-tronik also coaches the customers employees in the area of **R&D Process Management** and also checks current processes for possible improvement potential.



MOBILE NETWORK TESTING

In the field of mobile radio K-tronik is working on the development of new **GUI components for drive test software**, whose field of application is the analysis and optimization of radio networks.

It enables coverage measurements, troubleshooting and performance measurements as well as **quality analysis in mobile radio networks**.

The software supports all common technologies such as GSM, EDGE, WCDMA, LTE, WLAN, Bluetooth and DVB-T.

In addition to maintaining existing software components in the Drive Test Software, our engineers work in the **GUI requirements analysis and specification development** and work on the verification of the software in the test team.

AWARDS



MÜNCHNER
GRÜNDER
PREIS



charta der vielfalt

UNTERZEICHNET



BAYERN'S
BEST 50

We at K-tronik are proud to hold the kununu seals of approval: **TOP COMPANY** and **OPEN COMPANY**.

The platform **Kununu.com** is the leading employer rating on the Internet. It awards the seal of approval to employers who can demonstrate a high level of employee satisfaction and willingness to engage in dialogue with employees.

We see the many positive responses from our employees and the awards as confirmation of our open and appreciative corporate culture.

QUALITY MANAGEMENT



TÜVRheinland®
Genau. Richtig.

ISO 9001:2015 certified



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