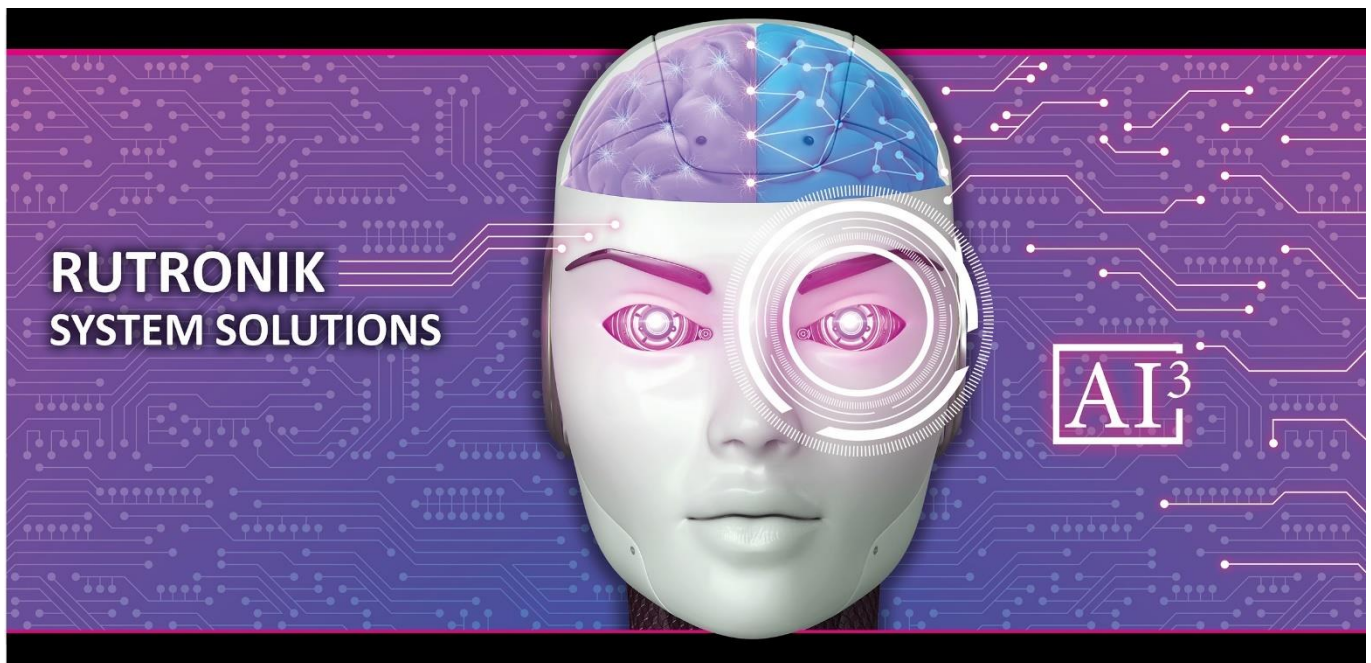


PRESS RELEASE

Integrated system approaches made by Rutronik System Solutions

Ispringen, 23 November 2021 – Rutronik invests further in its research and development capacities and bundles expert competence under "Rutronik System Solutions". The aim is to implement highly innovative technologies in groundbreaking, partly patented system solutions for complex challenges. These solutions are tailored to the customer's needs. That enables Rutronik to accelerate significantly time-to-market and provide further added value.



Integrated system approaches made by Rutronik are now offered under Rutronik System Solutions.

The digital transformation, artificial intelligence, and new composite materials are providing the industry with new impulses and playing an important role in the technological future. In this context, Rutronik combines internal and external capabilities under "Rutronik System Solutions" and expands its research and development capacities as a distributor for electronic components. The aim is to develop highly innovative solutions, partly patented, for complex challenges using new technologies. They are tailored to customer and consumer needs. That includes not only combining electronic components based on their strengths in respect of the application but also developing in-house proof-of-concepts. In addition to establishing an innovation management system, setting up a research and development center with laboratories in Lithuania as well as Singapore, Rutronik works closely with colleges, universities, and external partners.

"With 'Rutronik System Solutions' we offer our customers real added value by optimizing existing solutions. But we go one step further and present software and hardware with our proof-of-concepts, which are partly based on Rutronik IP. These solutions are often not known or thought so far," explains Stephan Menze, Head of Global Innovation Management.

Added value due to accelerated market entry of applications and products

Using individually tailored solutions, partly patented, Rutronik can accelerate the pre-development phase. As a result, the time-to-market can be significantly reduced. "With our state-of-the-art solutions, we make tomorrow's technologies accessible today. By thinking one step ahead in the sense of our customers, they succeed in being one step ahead. They get a head start in time, which is often crucial," says Stephan Menze. Initial proof-of-concepts have already been developed. For example, a digitally controlled hybrid energy storage system (HESS), whose circuit structure is patented, has been developed in collaboration with the University of Applied Sciences in Zwickau. The "RDK2" development kit is also already available. The modern hardware serves as a development platform for applications relating to the Internet of Things (IoT), for instance.

Further information on "Rutronik System Solutions" and a direct contact option can be found at:
<https://www.rutronik.com/electronic-components/innovation-and-future-dna/>

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ABOUT RUTRONIK

Rutronik Elektronische Bauelemente GmbH was founded in 1973 and is an independent family-owned company. Thanks to the positive economic development over the past 45 years, the company is now one of the world's leading broadline distributors. In the 2020 fiscal year, its more than 1,800 employees generated a turnover of 1.08 billion US-Dollar. Rutronik is represented worldwide with more than 80 offices and can guarantee comprehensive customer support including Europe, Asia, and the USA.

The broad product portfolio includes semiconductors, passive and electromechanical components as well as embedded boards, storage & displays, and wireless products.

The knowledge of all product areas is bundled in the RUTRONIK AUTOMOTIVE, RUTRONIK EMBEDDED, RUTRONIK POWER, and RUTRONIK SMART divisions and both specific products and services tailored to the respective applications are offered. Competent technical support for product development and design-in right up to the research area, individual logistics & supply chain management solutions as well as comprehensive services complete the range of services. Customers also have access to the Rutronik24 e-commerce platform, where all articles can be found, as well as a procurement area and product change notifications. Further information is available at:

www.rutronik.com

