

PRESS INFORMATION

ctrlX World with 100th partner: SMC now on board

Manuela Kessler | 17.04.2024 | Lohr am Main / Germany | PI 011/24

- Pneumatics specialist SMC Deutschland GmbH expands the solution portfolio of the automation system ctrlX AUTOMATION
- ctrlX World is growing: 100 partners from different sectors
- Companies from the partner world present their solutions at the Rexroth booth at the Hannover Messe trade fair



Pneumatics specialist SMC Deutschland GmbH joins Bosch Rexroth's ctrlX World. (Image source: Bosch Rexroth AG)

SMC Deutschland GmbH is the 100th partner in the ctrlX World. SMC is the first pneumatics supplier to expand the range of the automation system ctrlX AUTOMATION, opening up new possibilities for users. At Hannover Messe, seven companies from Bosch Rexroth's growing partner network ctrlX World will be exhibiting in hall 6 at booth D26.

The automation system ctrlX AUTOMATION from Bosch Rexroth provides all the building blocks for complete automation solutions – from controllers and I/Os, IPCs, HMIs, drives and safety solutions to comprehensive motion, PLC and IoT functions. The partner network ctrlX World is continuously expanding the solution space with hardware and, in particular, apps – now also including pneumatic and electrical automation solutions from SMC.

“Be it in the automotive, packaging or process industry: Sensors for pneumatics provide input from the shop floor. With the sensors and actuators, we ensure quick and easy integration into the ctrlX AUTOMATION environment via IO-link or EtherCAT,” explains Torsten Wöhler, Senior Vice President of Sales & Product Marketing at SMC Deutschland GmbH.

The connection of the valve manifold with EX260 and the JXC controller from SMC directly via EtherCAT to ctrlX OS devices enables simple control of the air flows in and on the machine. Electrical drive functions can also be mapped and integrated in a compact format. The Linux-based operating system ctrlX OS enables seamless integration into the overall machine concept.

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The connection of the SMC electric drive to ctrlX OS devices offers additional advantages: By integrating the controller (JXC) via EtherCAT, users receive all current information from the drive (LE) in real time and can set up the new positions directly from a ctrlX OS device.

Solve all requirements with one platform and apps

“The partner world around our modular automation system is growing continuously. 100 partner companies from various sectors have joined. Our common goal: to simplify and improve the various processes of industrial automation. This ranges from apps for robot integration to AI solutions and tools for energy management. We can therefore solve all challenges – whether simple or complex – via our platform and the partner world,” says Steffen Winkler, Senior Vice President Sales of the Automation & Electrification Solutions Business Unit at Bosch Rexroth.

Solutions offered by ctrlX World at Hannover Messe

Bosch Rexroth will be represented at Hannover Messe in hall 6 at booth D26 with the following ctrlX World partners: Arduino Pro by Arduino s.r.l., GEFAZ mbH, Intel Deutschland GmbH and VMware by Broadcom, VEIL Energy BCorp, XITASO GmbH. In addition, ctrlX OS OEM partner Dell Technologies will be presenting its solutions at the Rexroth booth.

Basic Information Bosch Rexroth

As one of the world’s leading suppliers of drive and control technologies, Bosch Rexroth ensures efficient, powerful and safe movement in machines and systems of any size. The company bundles global application experience in the market segments of Mobile and Industrial Applications as well as Factory Automation. With its intelligent components, customized system solutions, engineering and services, Bosch Rexroth is creating the necessary environment for fully connected applications. Bosch Rexroth offers its customers hydraulics, electric drive and control technology, gear technology and linear motion and assembly technology, including software and interfaces to the Internet of Things. With locations in over 80 countries, around 33,800 associates generated sales revenue of 7.6 billion euros in 2023.

Basic Information Bosch

The Bosch Group is a leading global supplier of technology and services. It employs roughly 428,000 associates worldwide (as of December 31, 2023). According to preliminary figures, the company generated sales of 91.6 billion euros in 2023. Its operations are divided into four business sectors: Mobility, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT provider, Bosch offers innovative solutions for smart homes, Industry 4.0, and connected mobility. Bosch is pursuing a vision of mobility that is sustainable, safe, and exciting. It uses its expertise in sensor technology, software, and services, as well as its own IoT cloud, to offer its customers connected, cross-domain solutions from a single source. The Bosch Group’s strategic objective is to facilitate connected living with products and solutions that either contain artificial intelligence (AI) or have been developed or manufactured with its help. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is “Invented for life.” The Bosch Group comprises Robert Bosch GmbH and its roughly 470 subsidiary and regional companies in over 60 countries. Including sales and service partners, Bosch’s global manufacturing, engineering, and sales network covers nearly every country in the world. The basis for the company’s future

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growth is its innovative strength. At 136 locations across the globe, Bosch employs some 90,000 associates in research and development, of which roughly 48,000 are software engineers.

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