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Tire Technology Expo 2023

Siemens to equip Continental tire factories with automation technology

- **Siemens and Continental Tires sign strategic supplier agreement**
- **Machine standards expected to maximize interoperability and flexibility**
- **Siemens to supply automation and drive technology, software, industrial communication, and training**

Continental's tire division and Siemens have signed a strategic supplier agreement. As Siemens announces on the sidelines of the Tire Expo trade fair in Hannover (Germany), the company will supply automation and drive technology for Continental's tire factories worldwide in its capacity as a preferred supplier. The aim of the cooperation is to further optimize Continental's global tire production with innovative control and automation technology. As part of the agreement, standards will be established which will help Continental make its production machinery even more efficient throughout their lifecycles.

"Tires connect cars and roads," says Cedrik Neike, member of the Managing Board at Siemens AG and CEO Digital Industries. "Without modern and innovative tires, we cannot reach our safety, efficiency, and sustainability targets. That's why Continental Tires and Siemens have formed a close partnership, one that we are now expanding."

To drive standardization, Continental will purchase its automation systems and large parts of its drive technology for new machines and developments from Siemens. The supplier will equip Continental tire factories with Simatic controllers, I/O systems, WinCC Unified operator control units, and industrial PCs. Siemens will also train the relevant employees at Continental tire factories in TIA Portal. The high degree of standardization will be even further developed, especially where software is concerned.

The Siemens Tire Library, a software library for standardizing the control of sensors and actuators, will also provide support on this matter. This will simplify mechanical engineering as well as maintenance for machines and equipment for Continental and its machine suppliers as well. Standardization also enables the machines to operate uniformly, regardless of machine supplier.

In addition, the use of these digital technologies promotes sustainable production, a key concern in the tire industry. In this regard, Siemens offers particularly long lifecycles for the hardware products to be used in the future and enables software and hardware innovations to be easily integrated throughout the machines' lifecycles. Siemens also provides technical support and is working on long-term availability of spare parts.

Siemens and Continental Tires have worked together in the past around digitalization. One example is the digital twin of an extrusion plant, which is used, among other things, for virtual commissioning. Continental Tires also uses Siemens edge technology and cloud hosting for Mendix applications.



Caption: Tire manufacturers can digitalize their production with Siemens' automation and software portfolio. This gives them the opportunity to rethink their value chains and to lower total operating costs.

More information about Siemens at Tire Expo 2023 can be found at:

www.siemens.com/ttx

More information about Siemens solutions for the tire industry can be found at:

www.siemens.com/tire

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Siemens Digital Industries (DI) is an innovation leader in automation and digitalization. Closely collaborating with partners and customers, DI drives the digital transformation in the process and discrete industries. With its Digital Enterprise portfolio, DI provides companies of all sizes with an end-to-end set of products, solutions and services to integrate and digitalize the entire value chain. Optimized for the specific needs of each industry, DI's unique portfolio supports customers to achieve greater productivity and flexibility. DI is constantly adding innovations to its portfolio to integrate cutting-edge future technologies. Siemens Digital Industries has its global headquarters in Nuremberg, Germany, and has around 72,000 employees internationally.

Siemens AG (Berlin and Munich) is a technology company focused on industry, infrastructure, transport, and healthcare. From more resource-efficient factories, resilient supply chains, and smarter buildings and grids, to cleaner and more comfortable transportation as well as advanced healthcare, the company creates technology with purpose adding real value for customers. By combining the real and the digital worlds, Siemens empowers its customers to transform their industries and markets, helping them to transform the everyday for billions of people. Siemens also owns a majority stake in the publicly listed company Siemens Healthineers, a globally leading medical technology provider shaping the future of healthcare. In addition, Siemens holds a minority stake in Siemens Energy, a global leader in the transmission and generation of electrical power.

In fiscal 2022, which ended on September 30, 2022, the Siemens Group generated revenue of €72.0 billion and net income of €4.4 billion. As of September 30, 2022, the company had around 311,000 employees worldwide. Further information is available on the Internet at www.siemens.com.