

## Partnership for smart production

### Endress+Hauser and Deutsche Telekom drive industry digitization with 5G campus networks

**With its campus networks, Deutsche Telekom offers an infrastructure for the smart factory of tomorrow. Together with partners from industry, Europe's largest telecommunications company wants to further expand its 5G ecosystem for industry. In process automation, Deutsche Telekom is now cooperating with Endress+Hauser.**

The aim of the cooperation is to develop joint offers in the field of measurement and automation technology for the process industry. This involves the integration of measuring instruments and accessories into the next generation of mobile communication networks as well as digital services based on them. Both companies have signed a corresponding memorandum of understanding and are now working on a coordinated timetable.

#### **Measuring instruments with mobile communication module**

Endress+Hauser is one of the first manufacturers to equip its field devices with mobile communication modules and to connect existing installations to 5G networks via newly developed HART gateways. This enables a large number of instruments to transmit a wealth of process and device data in parallel and in real time. These can, for example, be used in cloud applications for predictive maintenance of process plants.

#### **Campus networks open second signal path**

"In addition to the actual measured values, our instruments record a wealth of information from the process and about the sensor," says Matthias Altendorf, CEO of Endress+Hauser. "5G campus networks open up a second signal path that is independent of the plant's control system and thus make it possible to tap this potential. This will enable us to link value chains more closely across company boundaries and make industrial processes more efficient."

#### **Strong partners for smart production**

"Building a complete 5G ecosystem for industry will accelerate the pace of digitalization in industry," explains Claudia Nemat, member of the Deutsche Telekom Board of Management, Technology and Innovation. "We look forward to working with renowned and experienced partners." In addition to the partnership with network supplier Ericsson, the telecommunications company now also cooperates with E&K Automation, a manufacturer of driverless transport systems, and Konica Minolta, which offers augmented reality glasses, among other products.



**EH\_2019\_digitalization\_1.jpg**

Deutsche Telekom is cooperating with Endress+Hauser to expand its 5G ecosystem. The aim is to develop joint offers in the field of measurement and automation technology for the process industry.



**EH\_2019\_digitalization\_2.jpg**

Endress+Hauser is one of the first manufacturers to equip its field devices with mobile communication modules and to connect existing systems to 5G networks via newly developed HART gateways.



**EH\_2019\_matthias\_altendorf.jpg**

“5G campus networks open up a second signal path that is independent of the plant’s control system and thus make it possible to tap the potential of digitalization,” says Matthias Altendorf, CEO of the Endress+Hauser Group.

## The Endress+Hauser Group

Endress+Hauser is a global leader in measurement instrumentation, services and solutions for industrial process engineering. The Group employs approximately 14,000 personnel across the globe, generating net sales of over 2.4 billion euros in 2018.

### Structure

With dedicated sales centers and a strong network of partners, Endress+Hauser guarantees competent worldwide support. Our production centers in 12 countries meet customers' needs and requirements quickly and effectively. The Group is managed and coordinated by a holding company in Reinach, Switzerland. As a successful family-owned business, Endress+Hauser is set for continued independence and self-reliance.

### Products

Endress+Hauser provides sensors, instruments, systems and services for level, flow, pressure and temperature measurement as well as analytics and data acquisition. The company supports customers with automation engineering, logistics and IT services and solutions. Our products set standards in quality and technology.

### Industries

We work closely with the chemical, petrochemical, food & beverage, oil & gas, water & wastewater, power & energy, life science, primaries & metals, renewable energies, pulp & paper and shipbuilding industries. Endress+Hauser supports its customers in optimizing their processes in terms of reliability, safety, economic efficiency and environmental impact.

### History

Founded in 1953 by Georg H Endress and Ludwig Hauser, Endress+Hauser has been solely owned by the Endress family since 1975. The Group has developed from a specialist in level measurement to a provider of complete solutions for industrial measuring technology and automation, with constant expansion into new territories and markets.

For further information, please visit [www.endress.com/media-center](http://www.endress.com/media-center) or [www.endress.com](http://www.endress.com)

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