

An alliance for the IIoT

Companies are working on an open ecosystem for the digital transformation of industrial plants

At the Hannover Messe 2019 trade fair, seven leading suppliers from mechanical engineering, industrial automation and software announced the foundation of the Open Industry 4.0 Alliance. With this cooperation, the companies want to overcome proprietary solutions and give a decisive boost to the digital transformation of the European industry.

Founding members of the alliance are Beckhoff, Endress+Hauser, Hilscher, ifm, KUKA, Multivac and SAP. In principle, the alliance is open to all companies. Balluff, Gebhardt, Pepperl+Fuchs, Schmidtsche Schack, Samson and WIKA have already joined the alliance as members. All companies are mutually committed to the creation of a standardized and open ecosystem for the operation of highly automated factories and process plants with the integration of logistics and services.

“The open architecture of the Open Industry 4.0 Alliance meets all the requirements of the process industry,” emphasized Matthias Altendorf, CEO of the Endress+Hauser Group. “It is based on standards, ensures transparency across all business processes and guarantees the integrity of the systems. This enables process plant operators to leverage the potential of digitalization.”

Focus on implementability and benefits

The alliance members are planning to realize a so-called Open Industry 4.0 Framework based on existing standards such as I/O Link, OPC UA and RAMI for the entire route from objects in the workshop to services. Customers can choose from a modular system of compatible and scalable solution and service components, such as digital services from Endress+Hauser's Netilion IIoT ecosystem.

The connection to the SAP software portfolio ensures the integration of a company's business processes as well as collaboration with partners across company boundaries. The open architecture allows the simple connection of further system landscapes.

More information about the Open Industry 4.0 Alliance will soon be published at www.openindustry4.com

More information on Endress+Hauser's digital services is available at www.netilion.endress.com

Visit Endress+Hauser at Hannover Messe 2019, hall 11, booth C43!



EH_2019_digitalization_1.jpg

An alliance for digital transformation: Endress+Hauser is one of the founding members of the Open Industry 4.0 Alliance.



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Modular and compatible: The goal of the Open Industry 4.0 Alliance is a standardized and open ecosystem for the digitalization of industrial production facilities.



EH_2019_matthias_altendorf.jpg

Focus on customer value: “The open architecture of the Open Industry 4.0 Alliance meets all the requirements of the process industry,” emphasized 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 & metal, 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 or www.endress.com

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