

# #empowerthefield – unleashing the potential

## Efficient utilization of unused device data

At the 2019 Hannover Messe (1 to 5 April 2019 in Hanover, Germany), Endress+Hauser will highlight the intelligent utilization of data and information from field devices and show how the vast potential hidden in plants can be unleashed. The foundation of this strategy is innovative diagnostic information generated by Heartbeat Technology, a wide selection of digital interfaces and connectivity modules, as well as the Netilion IIoT ecosystem. With this approach, the People for Process Automation are catering to companies constructing new plants, as well as the operators of existing systems.

### Netilion – cloud-based IIoT ecosystem

Every user is looking for ways to carry out predictive maintenance and avoid unplanned system downtime. As a leading provider of measurement instruments for industrial applications, Endress+Hauser wants to offer current and future customers solutions that exploit the untapped potential in their field devices. While the data already exists, the Netilion applications allow users to take advantage of it. With the Netilion cloud-based ecosystem, Endress+Hauser is showcasing intelligent and connected applications for the Industrial Internet of Things (IIoT).

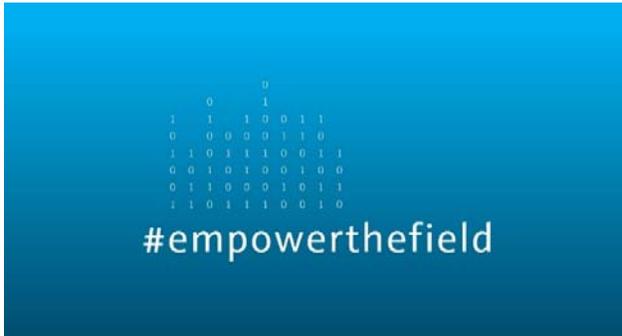
### Heartbeat Technology – constantly feeling the pulse

Endress+Hauser offers a wide range of instruments equipped with Heartbeat, a technology that provides a high level of system availability with minimal effort. The integrated Heartbeat Technology delivers concise, standardized diagnostic notifications and monitoring data that allow users to service and maintain their systems precisely when needed. In combination with the Netilion applications, this data enables predictive maintenance. The information also provides an indication of operational reliability and process safety. Since the instruments automatically monitor their own condition, manual inspection cycles can be reduced.

### Solid measurement instruments for efficiency and reliability

One of the product highlights at the Hannover Messe is the new **Liquiphant FTL51B**, which follows in the footsteps of the tried-and-tested tuning fork-based Liquiphant level switches. This robust point level switch is suitable for use with all liquids and now comes with the integrated Heartbeat Technology for documented proof testing without removing the instrument or interrupting the process. Another new product that is also equipped with Heartbeat Technology is the **Gammapilot FMG50**, a radiometric level transmitter that can be deployed where other measurement principles run up against their limits. Additional highlights that visitors can check out at the Endress+Hauser exhibit booth are the **Proline 300/500** flowmeter and a new **Promass A** flow sensor for measuring smaller flows, which is also available in two-wire technology. And with the **113 GHz** concept, Endress+Hauser is also illustrating that it offers the right frequency for every application when it comes to radar-based level measurements.

Visit our booth C43 in hall 11 and experience firsthand all the new innovations from the People for Process Automation. We look forward to many interesting discussions.



**EH\_empowerthefield.jpg**

Endress+Hauser demonstrates the intelligent utilization of data and information from the field level.



**EH\_Netilion.jpg**

Netilion, a cloud-based ecosystem, supports users with intelligent and connected applications.

## The Endress+Hauser Group

Endress+Hauser is a global leader in measurement instrumentation, services and solutions for industrial process engineering. The Group employs more than 13,000 personnel across the globe, generating net sales of over 2.2 billion euros in 2017.

### 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](http://www.endress.com/media-center) or [www.endress.com](http://www.endress.com)

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