

Efficient utilization of unused device data

Categories : [Hannover Messe](#), [Measurement, Instrumentation, Control & Automation](#)

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At the Hannover Messe 2019, 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 Gammapiot 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.

Endress+Hauser at the Hannover Messe: hall 11, stand C43