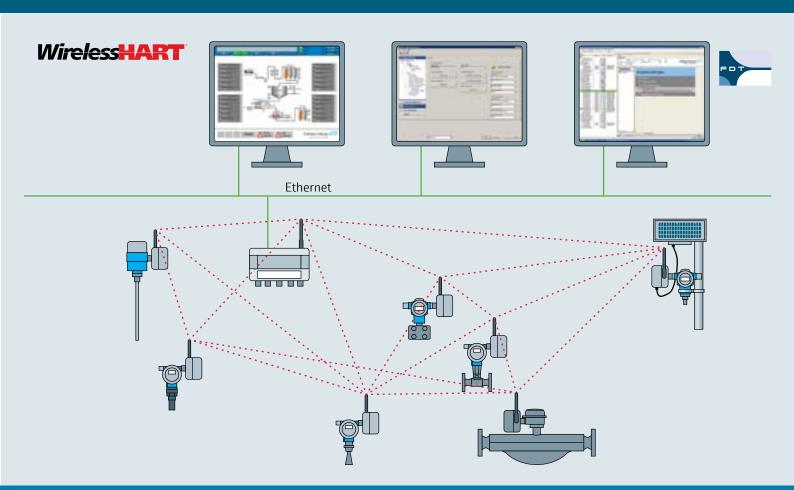# Process measurements and data integration made simple with WirelessHART

Designed by process monitoring and control experts for applications throughout industry, WirelessHART integrates measuring points into monitoring systems.

Make your processes more reliable, secure and compliant to industry standards whilst reducing maintenance and engineering costs. Unlock the information held within your device.

Make smarter decisions.

Ethernet

Stay secure

- WirelessHART does NOT use TCP/IP at the measurement point, making devices safe from internet attacks.

- Unique Network IDs, join keys and session keys are combined with 128-bit AES (Advanced Encryption Standard), keeps the joining process private, providing you with end-to-end security.

- WirelessHART is compatible with multiple vendors as it is built upon a variety of IEC standards allowing for easy integration with any process automation architecture.

Be reliable

- HART is a continuously evolving standard that allows for backward compatibility, making upgrades on installed instruments simple as existing features are only enhanced, not removed.

- The intelligent mesh network synchronises time signals with every data transfer, allowing for automatic communication path adjustments to cater for ever changing site conditions.

- Variable transmission rates allow different reporting rates in one mesh as WirelessHART instruments are time synchronised.

Optimise processes

- Reduce project execution and installation costs such as the installation learning curve, material, engineering time and labour as WirelessHART uses the same set up tools and connects with all HART devices.

- Eliminate operator rounds by accessing measurements from multivariable devices instantly with plug in adapters, repeaters and gateways.

- Access hard to reach or remote locations such as tank farms, well head monitoring and rotating equipment to gain better insight into your process.

Get in touch to discuss WirelessHART and your application: info@uk.endresss.com or visit us online to learn more: www.uk.endress.com

Endress+Hauser

People for Process Automation