



VEGA simplifies digital instrument documentation for the process industry

What to do about overflowing filing cabinets and time-consuming document searches? For the process industry, instrumentation maker VEGA promotes the use of standardised, digital data packages in accordance with VDI 2770, thereby boosting efficiency. Users get fast, structured access to all relevant product documents and can even automate the documentation of entire process engineering systems.

Digital documents instead of a flood of paper

“A thick ring binder full of paper documents for just one measuring point is unfortunately not that unusual,” says Stefan Kaspar, Product Manager at VEGA, describing the current situation. “All in all, this creates a huge mountain of paper that our customers have to spend a lot of time and manpower on.” VEGA is now putting an end to this: Making documents available according to VDI 2770 in a structured, machine-readable format enables automated processing and saves valuable working time.

Structured data, high efficiency

Plant operators benefit from the seamless integration of VEGA documentation into existing systems. The key to this is the .xml file format. Each document is assigned an xml file with a serialised ID link in accordance with IEC 61406, which is also printed as a QR code on the type labels of the field instruments. This makes direct access to the specific instrument documentation possible by simply scanning the QR code on the respective field instrument. VEGA also focuses on security, allowing users to access the customised documentation only via their personal myVEGA account.

A step towards the digital twin

With the introduction of the VDI 2770-compliant data packages, VEGA is making an important contribution to the digital transformation of the process industry. “Our solution is a small but crucial preliminary step towards the digital twin,” explains Kaspar. The company is also thinking internationally: Under the auspices of international organisations like IDTA (Industrial Digital Twin Association) and DDCC (Digital Data Chain Consortium), the standard is undergoing continuous development.

VEGA is one of the first manufacturers to offer this innovative service for its entire product portfolio. The

advantage for customers? Minimal effort, maximum benefit – and a significant step into the digital future of the process industry.

Published on

Wednesday, April 2, 2025

Length

2149 characters

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