

AUTOMA 2023 – News

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AS-Schneider Group highlights continued success of dynamic Digital Valve Kit at AUTOMA Congress 2023:

Empowering plant operators for a sustainable and digital future with the dynamic Digital Valve Kit

Nordheim (Germany) – September 28, 2023 – At booth 57 of the Oil and Gas Automation and Digitization Congress (AUTOMA) 2023 in Austria, the AS-Schneider Group will present an exciting development of its valve solutions. Building on the success of its static digital twin solution, the Digital Valve Plate (DVP), the AS-Schneider Group will show the advanced Digital Valve Kit (DVK) as a dynamic digital twin solution. The Digital Valve Kit, providing plant operators with remote access, remote control and health status indication of their valves.

Digital Valve Plate (DVP)

Every year, many technicians set up millions of mechanical components in brownfield and greenfield plants, with valves and valve manifolds forming significant portions. Recognizing the essentiality of incorporating these valves into the digital twin of the plants, the AS-Schneider Group has developed innovative valve solutions that can be seamlessly integrated into the globally networked, future digital industrial infrastructure. The Digital Valve Plate (DVP), which complies with the IEC 61406 standard, is one of these smart solutions. Thereby, the instrumentation valves and manifolds as well as the piping double block and bleed valves are marked with a unique QR code. The user (from warehouse to operators/maintenance teams) can scan this or enter the individual serial number at www.qr4v.de. That QR code provides easy access to static product information like technical specification, activity-specific docs, individual drawings, certificates, and spare parts.

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As an active member of the Digital Data Chain Consortium, which focuses on the global chemical industry, AS-Schneider is committed to taking its digital solutions to the next level, i.e. standardizing data according to VDI 2770 and streamlining the data package through a third platform (so-called cloud-based information exchange platform). AS-Schneider showed first insights into this at booth 57.

Moreover, the AS-Schneider Group is also in close contact with members of the International Association of Oil & Gas Producers with the aim of supporting also the CFIHOS standard for information handover, which follows a similar approach.

Digital Valve Kit (DVK)

The AS-Schneider Group understands the importance of remote access and remote control for plant operators when it comes to manual valves. The DVK has been designed to address these needs, providing operators with the ability to remotely access and control their valves, enhancing operational efficiency and reducing maintenance costs.

On top the DVK also offers advanced sensor technology, allowing for real-time monitoring and health status indication of the installed valves. By providing early alerts to maintenance teams, potential issues can be addressed proactively, minimizing downtime and ensuring continuous operation.

In addition, the system is compliant with all industry-relevant standards (e.g. NAMUR standard) and can be adopted to customer specific requirements.

Throughout the past year, the AS-Schneider Group has received exceptional feedback from customers who have seen the DVK live in action. "We are thrilled with the positive response we have received for the Digital Valve Kit," says Thomas Weissschuh, Head of Product Management

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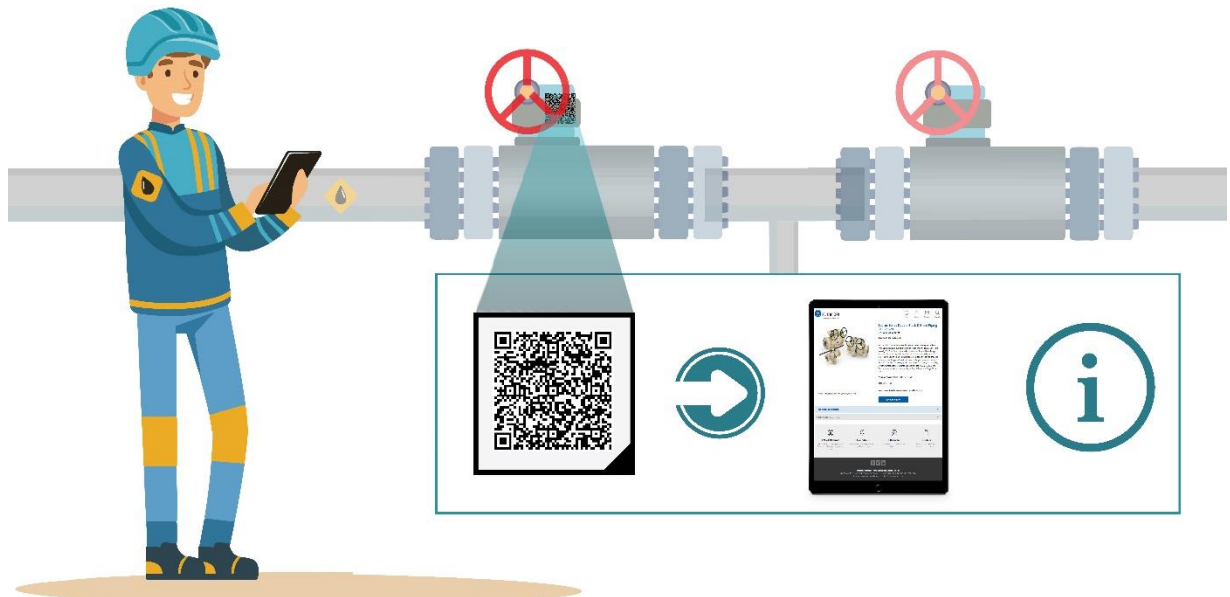
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and Innovation at the AS-Schneider Group. "From our discussions at various international trade shows, the DVK has proven to be a valuable tool for our customers, providing them with remote access, control and real-time monitoring. We are committed to continuously improving this solution to meet the evolving needs of the industry."

The AS-Schneider Group invites attendees of the AUTOMA Congress to visit booth 57 to learn more about the dynamic digital solution Digital Valve Kit. Experts will be available to demonstrate the functionality and answer any questions.

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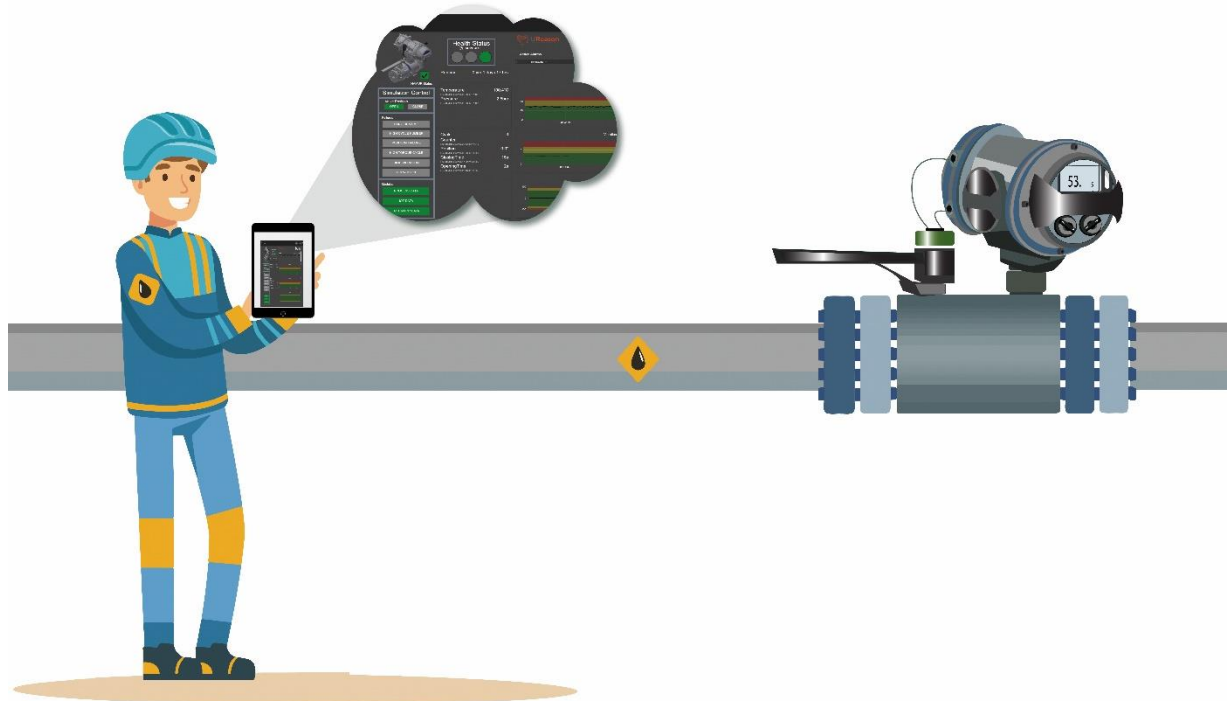
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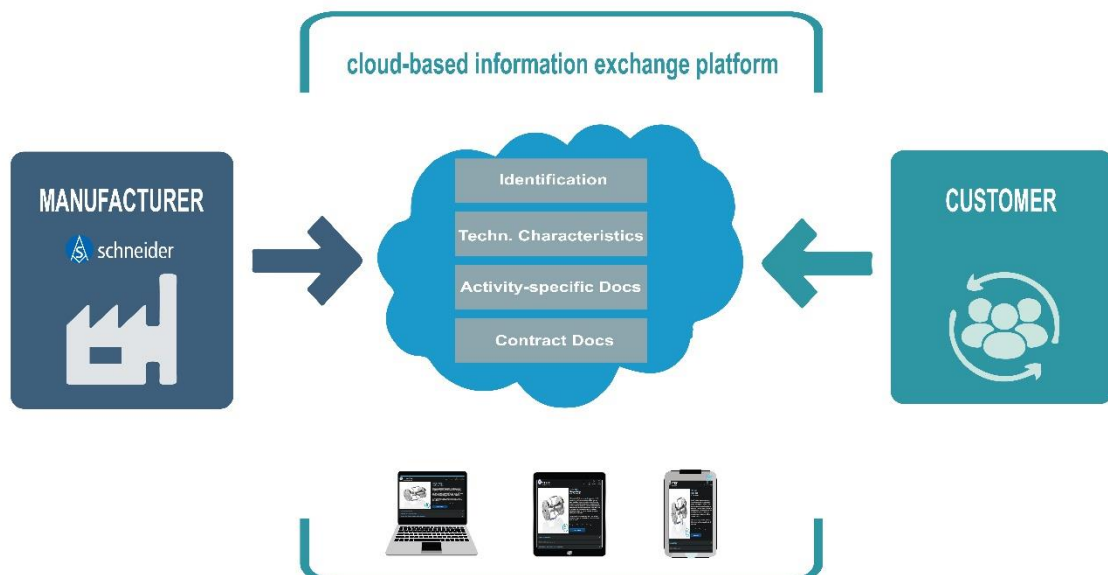
Picture 1: The Digital Valve Plate provides easy access to static product information.

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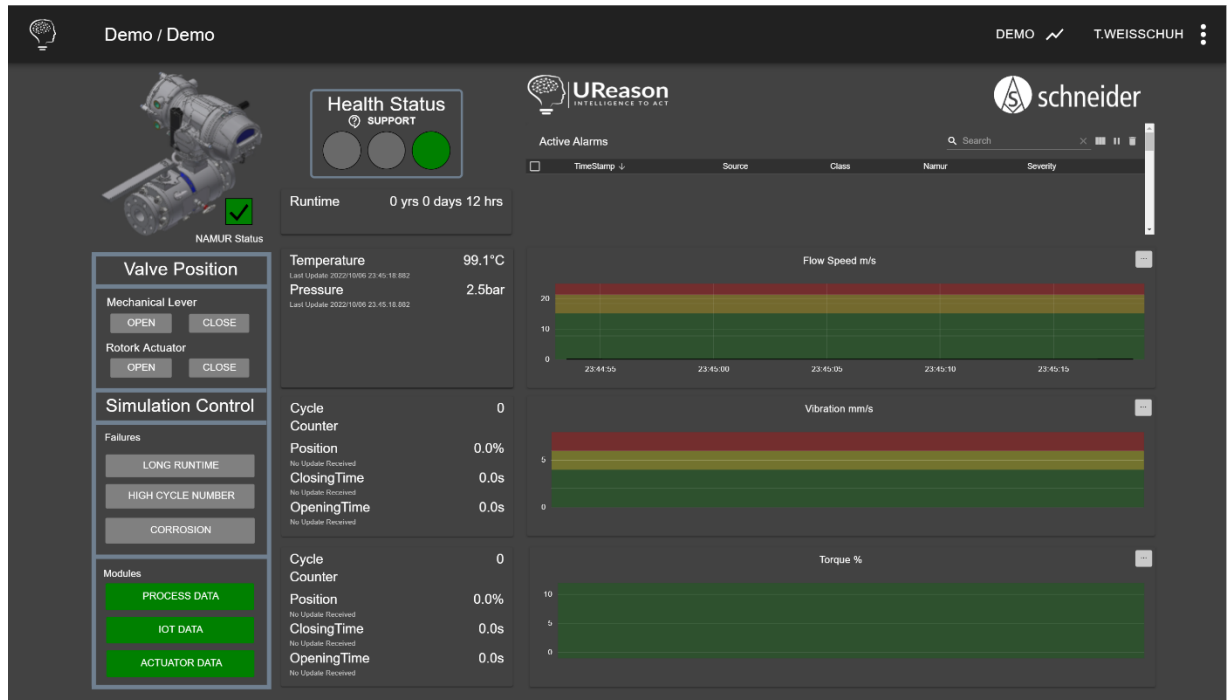
Picture 2: The Digital Valve Kit provides plant operators with remote access and remote control of their valves.



Picture 3: AS-Schneider norms the data according to VDI 2770 and provides the data package via 3rd platform (so-called cloud-based information exchange platform).

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Picture 4: With the Digital Valve Kit, users can permanently check their valves via software to ensure that they are working properly.

Pictures by: Armaturenfabrik Franz Schneider GmbH + Co. KG

About AS-Schneider

AS-Schneider is one of the world-wide leading manufacturer of Instrumentation and DBB Valves. Our 145 years of experience are built upon the close cooperation with our customers and engagement in industry associations.

Our purpose is to help our customers to make their application more safe, efficient, and environmental friendly (e.g. by the fulfillment of the TA-Luft 2021). Since 20+ years we offer valves supporting the media hydrogen. Our portfolio is suitable for up to 100% hydrogen service. On top, we support the digitalization of the process industry e.g. by our IEC 61406 compatible Digital Valve Plate which provides easy access to technical product information or our Digital Valve Kit for remote access and remote control of the valves as well as the ability to monitor the current health status of the installed valves.

With our own subsidiaries in Romania, Singapore, Dubai (UAE), Houston (USA), India and professional partners in more than 20 countries worldwide, we are located everywhere our customers need us.