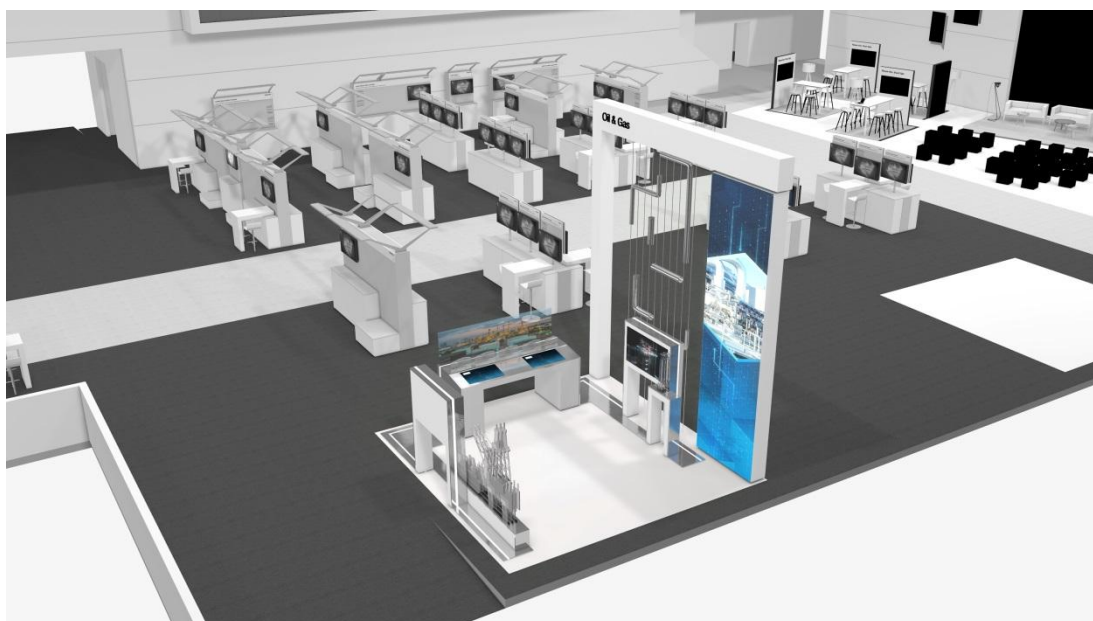


Hanover, April 23, 2018

Hannover Messe 2018, Hall 9, Booth D35

Greater efficiency and process optimization for the oil and gas industry

“Oil and gas” showcase at the Siemens booth at Hannover Messe 2018



The oil and gas industry is undergoing a transformation: While the cost of producing oil and gas is rising, revenues are stagnating, prompting the industry to seek new solutions to enhance efficiency and performance, and so drive down production costs. Digitalization provides the answers – with the help of data-driven solutions that make it possible to access facilities from almost anywhere in the world, offer decision-making assistance for operators during the process, and even support the intelligent use of assets. Siemens is working alongside the industry to ease its digital transformation with an extensive portfolio of closely interlinked automation and drive solutions and end-to-end digitalization designed specifically to meet the needs of oil and gas enterprises. Under the banner “Digital Enterprise – Implement now”, at the Hannover Messe Siemens will be showcasing solutions already capable of

achieving improved processes and greater efficiency for the oil and gas industry today.

At the company's main booth (D35, Hall 9), Siemens will be illustrating digitalization with an array of selected examples from the entire value-added chain, from upstream through midstream to downstream. The transmission of data is playing an increasingly important role, facilitating improvements such as the operation of offshore production facilities from the mainland. Using the Ivar Asen oil field as an example, Siemens will be demonstrating how a Remote Operation Center makes it possible to drastically reduce the number of personnel required on the offshore platform. This not only yields cost savings but also paves the way for the optimum condition monitoring of critical equipment. By analyzing large volumes of data in real time, experts can offer quick and comprehensive support at any time if problems arise, including via remote access. Another example from the onshore sector shows how cloud-based solutions and artificial intelligence can be used to predict the behavior of a pump, allowing the time required to replace the pump to be reduced by about one third. For the operator, this means a significant increase in availability and productivity.

As another example of digitalization in the oil and gas industry, visitors will have the chance to experience a storage tank facility which forms the downstream section of the showcase at the Siemens booth. The Comos plant engineering software and Simit simulation software used here make it possible to optimize the fill levels and cleaning intervals of the tanks. Also featured here will be Simatic IT XHQ used as an operations intelligence solution, which provides decision-makers in the oil and gas industry with a versatile dashboard for the visualization of important operating data.

With its portfolio of hardware and software products tailored to the needs of the oil and gas industry, Siemens is enabling companies of all sizes to achieve sustainable improvement of their efficiency and productivity already today. In addition, the data-based solutions from Siemens pave the way for the development of new business models, for instance in terms of innovative maintenance offerings or reservoir management. In addition to its showcase for the oil and gas industry, Siemens will be presenting an array of other showcases and exhibits of interest to the industry: the digital transformation of the process industry, the MindSphere Lounge with in-

depth presentations, Sidrive IQ, the digital platform for drive systems, and the new Version 9 of the Simatic PCS 7 process automation solution.

This background information and further material are available at www.siemens.com/press/hm18 and www.siemens.com/hannovermesse

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