

MPDV Press Release

Manufacturing IT from the Cloud

MPDV experts provide background information

Mosbach, Nov 17, 2021 – Although the technology to do so is solid, companies remain reluctant to move their manufacturing IT completely to the cloud. Experts from MPDV explain how to make such a venture a success and what users should bear in mind.

The number of providers offering manufacturing IT via SaaS (Software as a Service) is continuously increasing, but numerous manufacturing companies are still skeptical and ask themselves: Is my data secure? What happens if the Internet connection is intermittently lost? Is SaaS performance powerful enough? Experts from MPDV explain in three statements what users should look out for in manufacturing IT from the cloud.

If you say Cloud, you must also say Edge

Matthias March, Director Product Management at MPDV, points out: "Cloud computing offers many advantages, but the Smart Factory needs more than that, it calls for cloud and edge. Edge computing ensures that even time-critical processes run securely." View the video statement by Matthias March: <https://youtu.be/TVc3oKVTxls>

Decentralized data collection

"Data collection in the Smart Factory must be decentralized or let's say performed in the edge," states Erik Schostal, Senior Product Manager, Shop Floor Integration at MPDV. "This allows us to react to relevant changes in real time while making efficient use of the potentially limited Internet bandwidth available in the cloud."

Smart Factory Cloud Services

Jürgen Petzel, Managing Director Sales at MPDV: "With Smart Factory Cloud Services, we create a favorable starting position for our customers. We take care of operation, maintenance and support of all server side applications. The pioneering platform architecture of our products gives us maximum flexibility and allows us to offer every customer an individual standard solution." View the video statement by Jürgen Petzel: <https://youtu.be/ZNLnjc0xpDE>

Looking beyond technology

Petzel also expects that, over time, an increasing number of companies will opt for manufacturing IT from the cloud — after all, the ERP environment is already leading the way. Petzel adds, "The technical hurdles have to be removed, but at MPDV we are always happy to provide support in this area."

Find out more at: <https://www.mpdv.com/de/produkte-loesungen/smartfactorycloudservices/>

(ca. 2.400 Zeichen)

Pictures



The Smart Factory needs both: Cloud and Edge
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Jürgen Petzel and Matthias March explain Cloud & Edge.
Source: MPDV, Adobe Stock, Lakee MNP

Keywords

Software as a Service (SaaS), Cloud Computing, Edge Computing, Manufacturing-IT, Smart Factory
Cloud Services, MPDV, Platform Architecture, Jürgen Petzel, Matthias March, Erik Schostal

About MPDV

MPDV, headquartered in Mosbach/Germany, is the market leader for IT solutions in the manufacturing sector. With more than 40 years of project experience in the manufacturing environment, MPDV has extensive expertise and supports companies of all sizes on their way to the Smart Factory. MPDV Products such as the Manufacturing Execution System (MES) HYDRA, the Advanced Planning and Scheduling System (APS) FEDRA or the Manufacturing Integration Platform (MIP) enable manufacturing companies to streamline their production processes and stay one step ahead of the competition. The systems can be used to collect and evaluate production-related data along the entire value chain in real time. If the production process is delayed, employees detect it immediately and can initiate targeted measures. More than 900,000 people in over 1,400 manufacturing companies worldwide use MPDV's innovative software solutions every day. This includes well-known companies from all sectors. The MPDV group employs around 500 people at 13 locations in China, Germany, Luxembourg, Malaysia, Singapore, Switzerland and the USA. Further information: www.mpdv.com.

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