

Press release MPDV

Smart Factory Elements

New models for innovative manufacturing IT.

Mosbach, March 19 – With the "Smart Factory Elements" MPDV presents a new model for the innovative production IT at the Hannover Messe 2019. Using five elements, manufacturing companies can now formulate their requirements in a truly modern way.

Control loop of the modern production IT

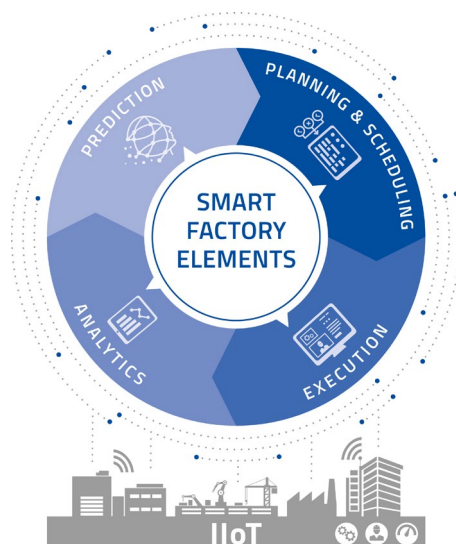
The "Smart Factory Elements" model envisages the following control loop: 'First of all, production is planned (Planning & scheduling) based on specifications from different sources. Next, the planning is integrated or performed (Execution). The data collected is analyzed (Analytics) in order to make predictions which, together with other findings, can then be included in planning. The fifth element, the Industrial Internet of Things supports this cycle by collecting and providing all sorts of data.

A large part of these tasks can be perfectly mapped with a Manufacturing Execution System (MES) such as HYDRA - for the rest of the tasks, new products will gradually come onto the market.

Further information and White Paper

You can find details regarding „Smart Factory Elements“ on the White Paper at:
<http://mpdv.info/pmhmisfeen>

Images



The new model "Smart Factory Elements" allows a new perspective on the production IT.

Source: MPDV

Keywords

MPDV, Smart Factory Elements, Production IT, Manufacturing Execution System (MES), Planning & Scheduling, Execution, Analytics, Prediction, Industrial Internet of Things (IIoT), Whitepaper, Model

About MPDV

MPDV headquartered in Mosbach, Germany, is the market leader of IT solutions for 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. Products such as the Manufacturing Execution System (MES) HYDRA by MPDV 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 deployed to record and evaluate manufacturing-related data along the entire value chain in real time. If the production process is delayed, employees can immediately detect the problem and take proactive measures. More than 800,000 people in over 1,250 manufacturing companies worldwide use MPDV's innovative software solutions every day. These include renowned companies from all industries. MPDV currently employs 420 people at eleven sites in Germany, Switzerland, Malaysia, France, Singapore, China and the USA. Further information under www.mpdv.com

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