

Press release by MPDV

MPDV supports UMATI

Standardized connection of machine tools to MES & Co.

Mosbach, October 15th, 2019 – Interoperability is one of the most important prerequisites for the success of Industry 4.0. MPDV therefore promotes the standardization of machine connections and supports UMATI (www.umati.info), the standardized protocol for communication with tool machines.

OPC UA and other standards

UMATI (Universal MACHine Tool Interface) is based on OPC UA and is supported by the Verein Deutscher Werkzeugzeugmaschinenfabriken e. V. (Association of German Machine Tool Builders). (VDW). OPC UA has long been considered the standard for Industry 4.0. MPDV's production-related IT systems – the Manufacturing Execution System (MES) HYDRA and the Manufacturing Integration Platform (MIP) – have supported OPC UA for many years. With UMATI, MPDV is expanding its own portfolio for the native connection of machines from all industries and manufacturers.

For more information on machine connectivity with MPDV software, visit <http://mpdv.info/prumati>

Advantages of machine connection

By connecting as many machines as possible to the production IT, the responsible users get a clear picture of the current processes in the shop floor. In addition, correlation and versatile evaluations of the recorded data promote continuous optimization and thus ensure greater efficiency and competitiveness. The Smart Factory would not be possible without a consistent connection of machines.

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Pictures



MPDV supports UMATI for the standardized connection of machine tools to the production IT (e. g. MES HYDRA or MIP).

Image source: MPDV, Adobe Stock, markobe

Keywords

MPDV, machine interface, UMATI, machine tools, standard, OPC UA, Manufacturing Execution System (MES), HYDRA, Manufacturing Integration Platform (MIP), manufacturing IT, UMATI

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. Products such as MPDV's Manufacturing Execution System (MES) HYDRA 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 800,000 people in over 1,250 manufacturing companies worldwide use MPDV's innovative software solutions every day. This includes well-known companies from all sectors. MPDV employs around 480 people at thirteen locations in China, Germany, Luxembourg, Malaysia, Singapore, Switzerland, and the USA. Further information: www.mpdv.com.

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