

Press release MPDV

Cutting edge data collection with OPC-UA, MQTT & Co

MPDV extends the Shop Floor Connectivity

Mosbach, 01.31.2019 – Even in times of the Industrial Internet of Things (IIoT), the collection of real-time data in the shop floor is an important topic. So far, no general standard for machine connection has been found, even though OPC-UA is regarded as a hot candidate. Therefore, Manufacturing Execution Systems (MES) like HYDRA from MPDV need a great number of interfaces. Further protocols were added at the turn of the year.

With driver modules for MQTT, MTConnect and EUROMAP 77, MPDV not only expands the range of communication protocols, but also offers manufacturing companies even more flexibility to connect machines. Hardly any company has only machines of one type or manufacturer in its production halls. MPDV offers the Shop Floor Connectivity Suite to connect a heterogeneous machine park to an MES such as HYDRA. The Shop Floor Connectivity Suite includes a wide selection of driver modules in addition to standardized collection logic.

Universal remedy OPC-UA?

In almost every publication on the subject of Industry 4.0, the OPC-UA is seen as a candidate for a worldwide communication standard. Independent of this, OPC-UA has been a widely used protocol for several years that supports the MES HYDRA from the very beginning. In addition to OPC-UA, the demand for industry-specific standards such as EUROMAP 77 for communication with injection molding machines continues to be high. Also, alternative protocols like MT Connect and the MQTT are very popular. With the Shop Floor Connectivity Suite from MPDV, manufacturing companies are always on the safe and secure side and can connect any machine to HYDRA, regardless how special.

Further information under <http://mpdv.info/pmcsen>

(ca. 2.000 characters)

Images



The Shopfloor Connectivity Suite by MPDV controls the jungle of communication protocols.

Source: MPDV, Adobe Stock, nd3000

Keywords

MPDV, Manufacturing Execution System (MES), HYDRA, Machine Connectivity, Shopfloor Connectivity Suite, Machine Connectivity, OPC-UA, EUROMAP, MTConnect, MQTT, Communication Standard, Protocol

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 initiate targeted 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, France, Singapore, Malaysia, China and the USA. Further information under www.mpdv.com

PR contact

MPDV Mikrolab GmbH
Nadja Neubig
Römerring 1
74821 Mosbach

Telephone +49 6261 9209-0
Fax +49 6261 18139
n.neubig@mpdv.com
www.mpdv.com