

Press release MPDV

## Predictive Quality

### New application and our highlight of this trade fair

*Mosbach, March 26* - With Predictive Quality, MPDV is presenting a new application at the Hannover Messe that can predict the quality of a produced article on the basis of process data.

#### Prediction based on executable models

The basic assumption for predicting quality is that rejects or reworking can also occur if all process parameters adhere to the set tolerances. The route to predictive quality therefore involves three steps:

1. Collect process data and correlate with true quality data
2. Develop prediction models
3. Execute model and predict quality based on real time data

In parallel to the actual quality (I.O. or N.I.O.), Predictive Quality also outputs a probability value that informs about the predicted quality.

#### Live at the Hannover Messe

MPDV will be showing how the new Predictive Quality application works and what possibilities there are for integration into a Manufacturing Execution System (MES) such as HYDRA live at Hannover Messe 2019 (Hall 7, Stand A12).

Further information: <http://mpdv.info/pmhmpqgen>

*(approx. 380 characters)*

## Images



*Predictive Quality by MPDV can predict quality!*

Source: [MPDV, Adobe Stock, wernerimages]

## Keywords

MPDV, Manufacturing Execution System (MES), Predictive Quality, Quality, Prediction, Model, Hannover Messe, Process parameter

## 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](http://www.mpdv.com)

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