Press Release

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Quality of Things™ – Quality 4.0
Quality Management and Traceability up to the Minute

The terms „Industry 4.0" and „Internet of Things" describe generally the networking of industrial production by means of the internet. State of the art production plants today are reliant to know their manufacturing processes and to check their key figures by the push of a button. The main purpose is to increase cost and time efficiency.
In injection molding, however, there is one additional component which is absolutely crucial: the quality of the molded parts.

Due to this reason PRIAMUS has especially concentrated on the communication of quality data. From this the term "Quality of Things™" has been created. Hereby all quality relevant data are being transmitted via network to an MES system. The basis is the communication protocol OPC-UA which is used to communicate all data related to quality, machine, mold, controller or peripherals.

These data are finally being collected by the PRIAMUS FILLCONTROL system and provided via the OPC-UA interface.

The global MES specialist T.I.G. is a leading supplier of manufacturing execution systems which allow the analysis of these data in a professional way. The "authentig" system of T.I.G. collects these quality data via OPC-UA and integrates them into their own planning and analysis modules. Reduced production cost, an optimized reduction of resources and a guaranteed quality are the results.

Both systems together are presented at K´2016 on the PRIAMUS booth A19 in hall 10.

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