

Intelligent Manufacturing Execution System (MES): Industry 4.0-capable and tried and tested in the electronics manufacturing sector

iTAC to show MES interaction with IIoT platforms at the SMT Hybrid Packaging 2018

Montabaur, 4 June 2018 – Intelligent MES solutions for networking, automation and analyses of production processes are the focus for iTAC Software AG at the SMT Hybrid Packaging 2018. From 5 to 7 June 2018 at stand 511 in Hall 4 iTAC will be demonstrating how the Industry 4.0-capable iTAC.MES.Suite can interact with the leading IIoT platforms. This creates predictive maintenance scenarios or collection of useful information and measures for production using compatible analytics models. iTAC will also be previewing the new features of iTAC.MES.Suite version 9.01, which will be appearing in Summer 2018.

A Manufacturing Execution System (MES) is the core to digitalizing value creation processes in modern manufacturing. This requires good interlocking and integration of the MES with other cooperating systems. The iTAC.MES.Suite is industry 4.0 capable and has been used successfully in electronics manufacturing, the automotive industry and many other sectors for many years.

At the SMT Hybrid Packaging iTAC will show how its MES works with other systems and IIoT components within a complete data analytics scenario. These include among others the IIoT platforms from leading companies such as ADAMOS, Microsoft Azure, AWS, IBM Bluemix etc.

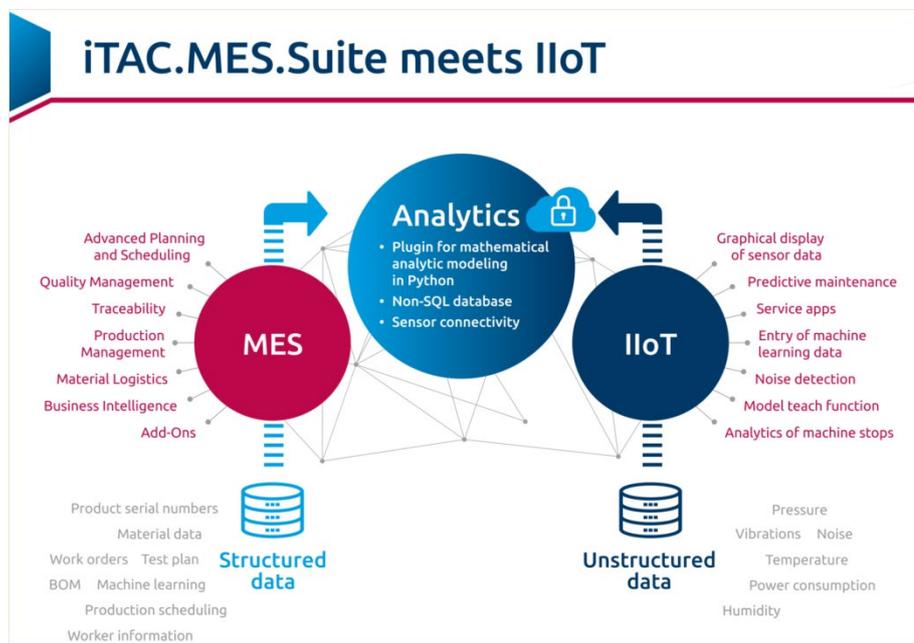
The iTAC.MES.Suite supplies so-called structured data from the MES data room (order data, material data, serial numbers etc.). When combined with the IIoT platforms, which save so-called unstructured data as sensor data (eg. vibrations, temperature etc.), use cases for predictive maintenance etc. can be realized.

The iTAC.MES.Suite also allows a continuous flow of information to ensure transparency and evaluation of production processes using standardized and customer-specific KPIs.

In the basic version the MES includes functionalities such as production planning (APS), production management, quality management, materials and logistics, traceability, business intelligence and add-on services. The iTAC.MES.Suite supplies structured data, for example OEE, serial numbers, material data and much more. Combined with the IIoT platforms it provides unstructured data such as vibrations, temperature etc. and services like predictive maintenance thus delivering intelligent complete solutions. These can be created individually, following the use cases from KMU, as well as by large companies.

iTAC Software AG will also be previewing the version 9.01 of the iTAC.MES.Suite which will be released in summer. This includes new features and extensions targeted among others at efficient digitalization of manufacturing processes.

Character: 2,789



iTAC.MES.Suite interaction with IIoT-Platforms

About iTAC Software AG

iTAC Software AG, an independent company of the mechanical and plant engineering group Dürr, provides Internet-enabled information and communication technologies for the manufacturing industry. Founded in 1998, the company is one of the leading MES providers in Germany. The iTAC.MES.Suite is a cloud-based Manufacturing Execution System that is used worldwide by companies in different industry sectors such as automotive manufacturers and suppliers, electronics/EMS/TC, medical technology, metal processing and energy. Additional services and solutions enable the implementation of industry 4.0 and IIoT requirements. iTAC's philosophy is connecting people, data and systems. iTAC Software AG has its headquarters in Montabaur (Germany) as well as a branch in the USA and a global partner network for sales and services.

The Dürr Group is one of the world's leading mechanical and plant engineering firms. Products, systems and services offered by Dürr enable highly efficient manufacturing processes in different industries. Business with automobile manufacturers and their suppliers accounts for approximately 60% of Dürr's sales. Other market segments include, for example, the mechanical engineering, chemical and pharmaceutical industries and the woodworking industry.

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