Press release

MES and IoT specialist presents solutions for transparent, automated production processes on an international level

iTAC will be exhibiting at APEX: MES and IIoT for the Electronics Industry

Montabaur, 04 December 2019 – The MES and IIoT specialist iTAC Software AG (www.itacsoftware.com) has recently extended its portfolio with new analytics functionalities and associated Edge and analysis tools. These and other solutions for the electronics industry, such as the HTML5-based iTAC.Workbench and iTAC.Messaging.Service, will be showcased at APEX from February 4 to 6, 2020 at booth 1505 in the San Diego Convention Center, California. With their solutions, iTAC is increasingly focusing on the digitalization of industrial processes and the related increase in efficiency as well as the reduction of production costs.

iTAC Software AG is a leading vendor of a Manufacturing Execution System (MES) and related IIoT solutions for the Industry 4.0. The iTAC.MES.Suite is a core element for the digitalization of value-added processes in modern manufacturing environments. It contributes to the connectivity, automation and analysis of production and logistics processes. This requires close interaction and integration of the MES with other cooperative systems.

"With integrated IoT/IIoT solutions, our MES creates the foundation for direct influence on manufacturing processes and interacting parameters in order to generate dynamic changes, keep the production process stable and thus avoid errors," explains Peter Bollinger, CEO of iTAC Software AG.

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DÜRR GROUP.

Cost-effective data analysis in real-time with Edge solution

The ability to link IIoT data, which are based on so-called unstructured data in the form of sensor data (e.g. vibration, temperature etc.), with MES data to form flat data structures and to analyse these data almost in real time, plays a key role in this. The new iTAC.Manufacturing.Analytics functionalities provide this and enable different use cases according to the specific requirements of electronics manufacturing and other manufacturing areas.

The data packs can then be forwarded to the iTAC.IIoT.Edge or other analysis tools. Due to local data processing, the Edge solution is more cost-effective than Cloud Computing and additionally increases performance.

All information available with a few clicks and at a glance

iTAC will also be presenting the new HTML5-based iTAC.Workbench and iTAC.Messaging.Service at APEX. The iTAC.Workbench is a browser-based framework for integrating any HTML5-compliant applications. The new framework is designed to consolidate the multitude of iTAC and customer-specific applications. The overall goal is to efficiently support employees with all the information they need in order to carry out their work. The iTAC.Messaging.Service for example enables client processes to actively receive the MES data from the iTAC.MES.Suite as soon as it is available (push procedure). The shortened communication cycles have a positive effect on plant cycle times.

iTAC.IIoT.Edge

About iTAC

iTAC Software AG, a stand-alone company of mechanical and plant engineering group Dürr, offers Internet-enabled information and communication technologies for the manufacturing industry. Founded in 1998, the company is now a leading MES manufacturer. The iTAC.MES.Suite is a manufacturing execution system used worldwide by companies in various sectors, including the automotive, electronics/EMS, telecommunications, medical technology, metals and energy industries. Further systems and solutions for implementing IIoT and Industry 4.0 requirements complete the portfolio. iTAC Software AG is headquartered in Montabaur, Germany with offices in the USA, China and Japan, and has a worldwide partner network for sales and service. iTAC's philosophy is to connect people, data and systems.

The Dürr Group is one of the world's leading mechanical and plant engineering companies with outstanding expertise in the fields of automation and digitalisation/Industry 4.0. Dürr products, systems and services facilitate highly efficient manufacturing processes in various industries. Dürr supplies many industries, including the automotive, mechanical engineering, chemical, pharmaceutical and wood processing sectors. The company has 92 locations in 32 countries and 16,500 employees worldwide.

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