

# Press release

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From analytics to AI – processes are becoming smarter

## **iTAC exhibits at HANNOVER MESSE: Intelligence finding its way into factories**

**Montabaur, March 20, 2024 – In today's factories, processes are becoming increasingly intelligent thanks to advanced analytics and AI. iTAC Software AG ([www.itacsoftware.com](http://www.itacsoftware.com)) enables comprehensive real-time as well as historical analysis at machine, line and factory level with its "Manufacturing Analytics Control" product portfolio. Moreover, the company utilizes AI methods. The tools support the proven iTAC.MOM.Suite, which can be used to control and optimize production processes in real time. iTAC will be showcasing its software solutions at HANNOVER MESSE from April 22 to 26 (Hall 15/Booth F13).**

Faster, more flexible and more efficient manufacturing processes - these are pressing requirements in today's industry. In order to increase overall efficiency in production, optimization potential must first be made visible. "The key to this is analyzing the performance of the entire shop floor and related processes. Our 'Manufacturing Analytics Control' product family offers comprehensive data analytics options for this, both in real-time and based on historical data. This provides a clear insight into current and past performance, especially for critical machines and processes," explains Peter Bollinger, CEO of iTAC Software AG.

"Manufacturing Analytics Control" can be used to complement the Manufacturing Operations Management system iTAC.MOM.Suite, which is designed to plan, control and monitor production processes in real-time. However, it can also be implemented as a stand-alone solution.

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The iTAC.MOM.Suite is designed to be modular and scalable and can be seamlessly integrated into companies' digital platform strategies thanks to its openness. The comprehensive platform's microservices architecture makes it possible to provide functionalities according to individual demands. The existing functionalities for traceability, production planning and control are gradually being expanded to include new applications, including AI and low-code tools.

### **AI increases industrial value creation**

In addition to intelligent analysis, iTAC also focuses on efficient interaction between human and machine. The company has integrated an AI chatbot as a plugin for the Workbench. The multimodal language model is able to understand the technical documentation based on specific data stored by iTAC and provide appropriate, technically-savvy answers to questions. It can also recommend the right API for a particular use case and even generate script code for a use case based on the API documentation and input. In addition, the tool offers translation capabilities for over 140 languages.

"Users can chat with the system and ask questions about specific functionalities or interfaces, for example. If an answer does not fully resolve the issue, further details can be called up. Among other things, we have stored all the iTAC.MOM.Suite manuals on which the information is based. And the system has the ability to understand and generate code itself. In this way, artificial intelligence helps to significantly increase industrial value creation," explains Peter Bollinger.

iTAC thus combines artificial intelligence with a holistic production management system - always in compliance with the highest safety criteria and guidelines.

The company offers solutions for all industries across the entire production chain. These range from simulation including production planning with the solutions of iTAC subsidiary DUALIS to Manufacturing Analytics Control. Together with ANT Sp.zo.o, a company that has been part of the Dürr Group since summer 2023, the challenges of high-volume production environments, such as in the food and cosmetics industries, i.e. in the fast-moving consumer goods (FMCG) sector, can also be overcome. The industrial software

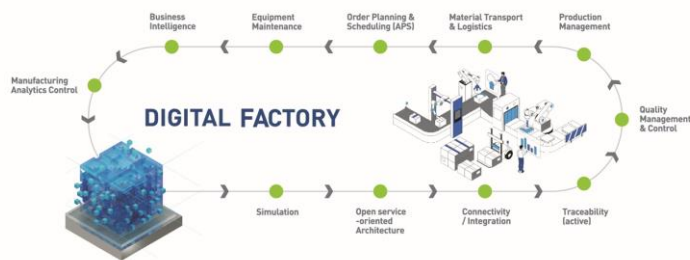
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specialist's solutions are also used in the pharmaceutical industry, where they help to increase efficiency in the production of medicines, vaccines and food supplements.

Together with DUALIS and ANT Sp.zo.o, iTAC will be presenting combined software solutions at HANNOVER MESSE, which will be demonstrated at the joint booth (Hall 15/Booth F13). They provide answers to current challenges in times of digitalization in the industry.

**End-to-end approach  
for the DIGITAL FACTORY**



***iTAC showcases software solutions for the digital factory at HANNOVER MESSE***

***Image source: iTAC***

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### **About iTAC**

iTAC Software AG, an independent company of the mechanical and plant engineering firm Dürr, provides internet-enabled information and communication technologies for the manufacturing industry. Founded in 1998, the company is one of the leading MES/MOM providers. The iTAC.MOM.Suite is a holistic Manufacturing Operations Management that is used worldwide by companies in different industry sectors such as automotive, electronics/EMS, telecommunication, medical engineering, metal casting and energy. Additional services and solutions for implementing IIoT and Industry 4.0 requirements complete the portfolio. iTAC Software AG is headquartered in Montabaur, Germany and has offices in the USA, Mexico, 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 firms with particular expertise in the technology fields of automation, digitalization, and energy efficiency. Its products, systems, and services enable highly efficient and sustainable manufacturing processes – mainly in the automotive industry and for producers of furniture and timber houses, but also in sectors such as the chemical and pharmaceutical industries, medical devices, electrical engineering, and battery production. In 2023, the company generated sales of €4.6 billion. The Dürr Group has over 20,500 employees and 142 business locations in 32 countries, and it operates in the market with five divisions.

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