

Press release

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**Understanding and utilizing production data – even without IT expertise**

## **iTAC.MA.Suite: Real-time analyses for smart production**

**Montabaur, September 25, 2025 – iTAC Software AG is opening up new perspectives for the manufacturing industry to monitor and sustainably optimize processes at the machine, line, and plant level based on data. With iTAC.MA.Suite, the MES/MOM provider has developed a software that enables both real-time evaluations and in-depth insights into production data. Depending on the configuration, the solution is aimed at both technical experts and specialist users without comprehensive IT know-how. It can be used as a stand-alone solution or seamlessly integrated into existing production management systems such as the iTAC.MOM.Suite.**

"In any production environment, it is essential to continuously question and optimize processes – especially in times of increasing volatility and dynamism. Analysis plays a key role in this. It enables companies to understand, evaluate, and improve their processes. With iTAC.MA.Suite, we have developed software that can be used for both in-depth analysis and quick overviews – with or without IT knowledge on the part of the user," explains Martin Strempel, Business Development Manager Data Analytics at iTAC Software AG.

The tool set provides immediate access to essential production data and goes from basic real-time monitoring of MES/MOM to advanced analyses designed to optimize production efficiency and proactively improve product quality.

The iTAC.MA.Suite is built on four pillars that address the core challenges of modern manufacturing: iTAC.SMT.Edge, iTAC.Asset.Analyzer, iTAC.IIoT.Edge, and iTAC.AOD.

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### **iTAC.SMT.Edge connects machines faster and more securely**

In the SMT world, integrating new machines often poses a major challenge – complex interfaces and high integration costs slow down digitalization. iTAC.SMT.Edge drastically reduces the connection time for machines – from days and sometimes even months, dramatically increasing the time-to-value at customers. In addition to normalizing per-board events, aligning cycles, and feeding the rest of the iTAC.MA.Suite with a clean, continuous data stream, optional modules also provide an SMT-specific data model and with interactive visualization tools and reports.

### **iTAC.Asset.Analyzer makes systems transparent**

Unclear data and missing baselines hinder fast decisions. The iTAC.Asset.Analyzer operational tool provides quick and easy insight without requiring in-depth technical system's expertise on the user side. This allows customers to be up and running immediately. The integrated Downtime Tracker monitors, logs, and precisely documents downtime in real time, making production and performance losses visible – for informed decisions instead of guesswork. The additional Asset.Analyzer.AI.Playbook module, which iTAC will launch shortly, combines real-time tracking, connected worker tools, and AI-based analyses.

### **iTAC.IIoT.Edge brings deep AI to production**

Artificial intelligence often remains stuck in the lab – iTAC.IIoT.Edge brings AI to the shopfloor. The solution enables the easy deployment and management of ML models on multiple edge devices. Thanks to plug-and-play integration, industrial-grade security, and complete governance, AI is seamlessly integrated into existing production environments.

The scalable solution is aimed at experts and looks deep into production. It is used to connect, manage, and analyze data from various devices, sensors, and systems. The integrated IIoT.Edge.Model.Manager function enables the seamless distribution and installation of ML models on multiple edge devices. This ensures that each device has the appropriate model version for its specific tasks. The iTAC.IIoT.Edge.Cloud.Connector feature, which is also included, facilitates the secure and efficient transfer of data from the edge device to the

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cloud infrastructure. This allows companies to use cloud-based analysis, storage, and AI tools.

### Living knowledge with iTAC.Ask.Our.Doc

Rigid MES systems and static documentation keep critical know-how locked away. iTAC.Ask.Our.Doc (AOD) makes this knowledge accessible: The solution is based on modern language models and combines iTAC documents, customer-specific instructions, and, in the future, live MES data in an intuitive conversation interface. Users ask questions in natural language and immediately receive clear, context-related answers – understandable, multilingual, and directly implementable. This makes expert knowledge available at all times and supports informed decisions in production.

### Holistic system for data-based decisions

"The holistic approach we pursue at iTAC creates the conditions for making well-founded and timely data-based decisions, as well as sustainably reducing production errors and downtime. With our analysis solutions, we pave the way for companies to gain a comprehensive understanding of performance and thus achieve higher productivity and better quality," says Martin Strempel.



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### About iTAC

iTAC Software AG, an independent company of the mechanical and plant engineering group Dürr, offers internet-enabled information and communication technologies for the manufacturing industry. Founded in 1998, the company is today one of the leading MES/MOM manufacturers. The iTAC.MOM.Suite is an integrated production management system that is used worldwide by companies in various industries such as automotive, electronics/EMS, telecommunications, medical technology, metal industry and energy. Other systems and solutions for implementing IIoT and Industry 4.0 requirements round off the portfolio. iTAC Software AG is headquartered in Montabaur in Germany and has subsidiaries in the USA, Mexico, China and Japan, as well as a global 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 2024, the company generated sales of €4.7 billion. The Dürr Group has around 18,400 employees and 139 business locations in 33 countries.

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