Press release

Holistic MES/MOM with integrated services such as analytics, AI and APS

iTAC to showcase at HANNOVER MESSE: Creating smart production from a single source

Montabaur, March 5, 2025 – At HANNOVER MESSE, iTAC Software AG will be demonstrating how holistic digitalization works in factories. The foundation is the manufacturing management system iTAC.MOM.Suite. This MOM system (Manufacturing Operations Management) is combined with integrated services such as analytics, artificial intelligence, production planning and others to form a comprehensive all-in-one solution that can be used to design smart production from a single source. iTAC will be represented at the joint booth F14 in hall 15 together with its subsidiaries DUALIS and Accevo - all part of the parent company Dürr's Digital Factory.

"The complexity of production processes, regulatory requirements and the need for complete traceability have increased significantly. These challenges can no longer be met with isolated solutions. Individual, separate systems make it difficult to exchange data, lead to high manual workloads and inhibit flexibility and scalability in production. We need comprehensive systems that seamlessly combine control, analysis and planning," says Martin Heinz, CEO of iTAC Software AG.

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The iTAC.MOM.Suite maps all processes – from production planning to quality control. The Manufacturing Operations Management system combines Manufacturing Execution System (MES) functions with real-time solutions for controlling, optimizing and forecasting production processes. It has all the necessary functions for networking and automating processes. The open and service-oriented architecture facilitates data exchange and forms the basis for seamless integration into existing platform concepts. The microservices approach makes it easy to expand the system with new functionalities as needed.

MOM with all components for comprehensive production optimization
The iTAC.MA.Suite, which can be seamlessly integrated into the MOM system, expands the scope of the solution with comprehensive analyses – both real-time evaluations and in-depth examinations of historical production data. This enables companies to understand, evaluate and improve their processes.
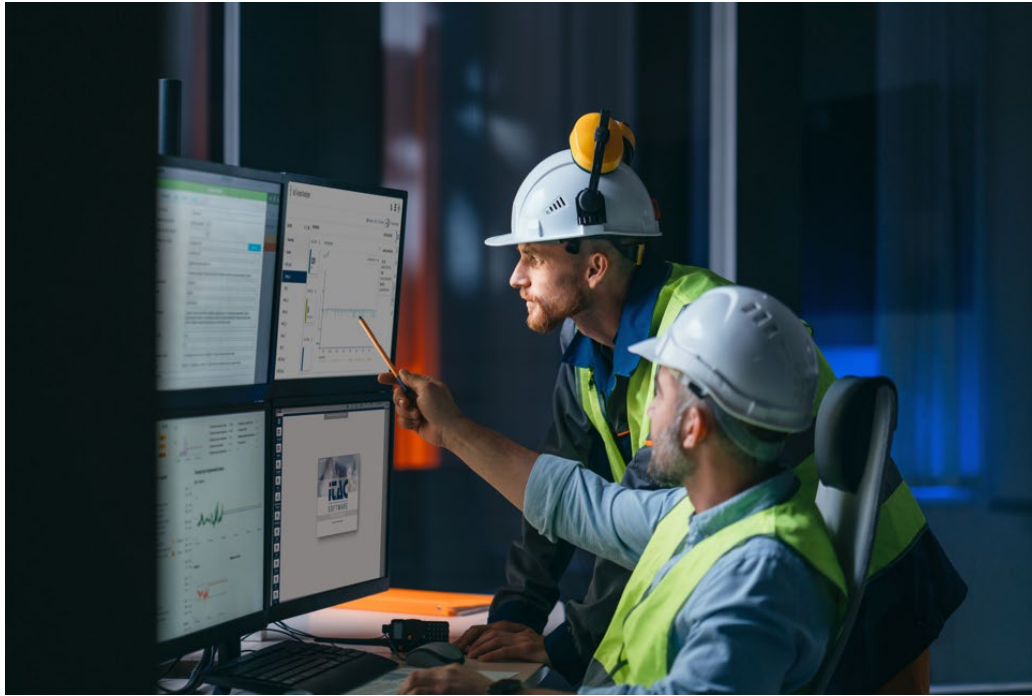
When it comes to production planning, the Advanced Planning & Scheduling (APS) service from DUALIS is an integral part of the iTAC.MOM.Suite. It enables optimized production planning, considering factors such as resource availability and bottleneck analysis. The software helps companies to make their production processes more efficient, shorten throughput times and meet delivery deadlines.

With its solution portfolio, iTAC addresses all manufacturing industries. For the needs of the process industry, the software solutions from Accevo are used. The company specializes in industries such as pharmaceuticals, food and fast-moving consumer goods and ensures that manufacturers achieve greater efficiency, traceability and compliance. In addition, Accevo offers Electronic Batch Records (EBR) to support pharmaceutical production with automated data collection and regulatory compliance.

"In the Dürr Group, we are focusing on bundling digital expertise in order to provide comprehensive and customized systems for all manufacturing industries. The iTAC portfolio shows how specialized solutions can be intelligently linked, saving our customers the time, effort and costs that would arise from using many individual software solutions," explains Martin Heinz.

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Creating smart production from a single source with iTAC
Image source: AdobeStock_529642319

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 around 20,000 employees and 141 business locations in 33 countries. As of January 1, 2025, the former divisions Paint and Final Assembly Systems and Application Technology were merged to form the new Automotive division. Since then, the Dürr Group has been operating in the market with four divisions.

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