Press release

MES in the industrial manufacturing environment

Glaub Automation & Engineering GmbH and Critical Manufacturing enter into partnership to further advance Industry 4.0 in electronics manufacturing

Salzgitter, May 04, 2021 - Glaub Automation & Engineering GmbH, an expert in the field of automation and industrial software services is pleased to announce it has become Critical Manufacturing's newest Services and Referral Partner. Critical Manufacturing, headquartered in Portugal, with offices in Germany, the USA and China provides the most modern, Industry 4.0 ready Manufacturing Execution Systems (MES) software for high-tech complex/discrete industries such as electronics, semiconductor, and medical device manufacturers.

Glaub Automation & Engineering GmbH, a family-run, mid-sized company with locations in Germany and Hungary has been a partner to commercial and industrial customers in various sectors for over 40 years internationally. "We are glad to have the Glaub group among our service and referral partners, said Tom Bednarz, Managing Director of Critical Manufacturing Germany. " Their vast experience in working in MES, PLC and robotics projects in the electronics and automotive industries across Europe means that our customers can expect fast and reliable service. We selected Glaub to be our partner particularly because of their expert resources in Germany and Hungary which allows us to serve our customers even better in their own languages and thus accelerate the adoption of Industry 4.0".

"The MES from Critical Manufacturing rounds off our service portfolio perfectly," said Karsten Renz, Head of Control Technology at Glaub Automation & Engineering GmbH. "It offers complete visibility into production, reduces costs and can be implemented easily in the existing IT infrastructure across the entire supply chain, scaling with the needs of our customers. Our common goal is to advance the adoption of Industry 4.0 in the market, and support manufacturing companies from Germany and Hungary to generate competitive advantages across their European locations."

MES-supported production gives manufacturers a massive competitive advantage through increased efficiency and a clear path towards developing the ´factory of the future´. The administrative effort drops massively, transparency increases and these in turn significantly improve quality. The high variance in production can be handled with an MES much easier with real-time access to production information. The zero-defect goal, which many companies strive for, is attainable, and complete traceability data ensures

high quality production with minimal risk. Modern MES also connects planning, operations, production data acquisition, analysis and reporting to deliver meaningful results in a short time - internationally across production sites.

The Glaub Group joins a growing list of internationally renowned companies that are already established in the Critical Manufacturing partner community. Glaub's expert software engineers, working from offices in Salzgitter, Germany and Budapest, Hungary, have many years' experience working in complex manufacturing environments in the automotive, electronics and health care sectors. They have mastered technologies in highly automated production connected to higher-level control systems, which can also produce safety-relevant components, such as ABS systems for cars. Frequent tasks include setting up the acquisition of trace data, the exchange of setup and schedule data between the stations and the control system, communication with the ERP and the calculation of KPIs for the production stations and lines. The creation and evaluation of packaging and logistics processes, as well as data visualization via web interfaces and database tools are also often necessary, as is secure network communication in real time. "A MES system plays an essential role in the journey to Industry 4.0," said Karsten Renz, "together with Critical Manufacturing we look forward to helping our customers increase efficiency and reduce costs in the short term and further achieve global process optimization across all plants in the long term."

You can find video material (in German) here: https://www.glaub.de/software-services/mes-support/

About Glaub Automation & Engineering GmbH

Glaub Automation & Engineering GmbH has been serving leading companies from a wide variety of industries since 1979.
With over 60 employees at the Salzgitter and Budapest locations as well as additional offices in Hildesheim and Hatvan, Glaub offers customer-specific automation solutions tailored to the respective production process. The company's core competencies are in the areas of automation and software services – examples include development of industrial desktop and mobile software solutions, PLC and robotics or MES support. Glaub is providing solutions for various industries, which can be adapted as required by different manufacturing processes. In the automation area, this includes robot cells for assembly, handling, the application of self-adhesive media, as well as construction of test stations, conversion and retrofit of production cells as well as the construction of control and switch cabinets.

https://www.glaub.de

About Critical Manufacturing

Critical Manufacturing offers the most modern, flexible and most configurable Manufacturing Execution System (MES), which helps companies to always be one step ahead with the strict traceability of products and compliance measures and to reduce quality risks through closed control loops, to integrate their MES - solution seamlessly into the enterprise level and factory automation, as well as to achieve profound intelligence and transparency about global production processes. This means that customers are Industry 4.0-capable and can therefore adapt to changing needs, new opportunities or requirements at any time and anywhere.

https://www.criticalmanufacturing.com

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