

## TIG's new brand image

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**Founded over 20 years ago, Technische Informationssysteme GmbH (TIG) is now the industry leader in quality assurance and production optimization. The MES specialists have grown especially strongly in the past year, with the number of employees doubling to more than 60 during that period alone. Thanks to its new TIG 2go and TIG big data products – along with TIG authentig, its most successfully-established MES system – the smart factory is becoming a reality, making outstanding advances in the megatrend of Industry 4.0. Reason enough for TIG to present a new brand image. The Austrian company is also ensuring that it is fit for the future in its visual presentation, announcing a new design and logo.**

### Fresh new look for TIG

In the interest of continuity and in keeping with the company's culture and strategy, TIG has taken more of an evolutionary than a radical approach when it comes to refining its brand image. The new, younger, and fresher logo is modern and, all in all, more recognizable: The typeface is incisive and contemporary, with the strong "TIG" name speaking for itself. It reflects the slogan – "efficiency guaranteed" – along with the aim of effectively and efficiently integrating MES systems across national borders and internal structures. There are three dots in the top-right corner, symbolizing an arrow pointing onward and upward to the future. TIG will also present a new and modern homepage design at the Fakuma trade fair in 2018. TIG's new product range also sets the course for the future. It ranges from TIG 2go (the new low-cost entry-level solution) to TIG big data (the extensive and location-independent solution) and TIG authentig (the well-established MES system).

### TIG 2go monitoring solution

The MES specialist offers a simple monitoring solution in the form of TIG 2go. This enables many plastics processors unwilling to invest in a complex MES solution to keep track of their production. TIG 2go operates in TIG's dedicated cloud, independent of the user's IT infrastructure. Simple hardware components can be used to connect each machine from this environment via standard interfaces with the highest security level. Poor transmission speeds

pose no problem in this regard. This makes it possible to digitally identify the state of the machine; for instance, the quantity, quality, and rejects. Depending on what data the machine can deliver, a more advanced communication can be established; for example, process values and scrap reasons could be collected. This solution also provides extremely attractive value for money. The user pays a euro a day for each machine. TIG 2go provides access to the MES world and is quite consciously on offer as an “out-of-the-box” product. If customers want more, it is possible to switch over to TIG authentig. TIG 2go is the appetizer, making a positive impression with its ease of use and implementation. TIG 2go is designed for use on smartphones and tablets.

### **TIG big data high-performance analytics framework**

With the platform TIG big data, the company is unlocking the potential to interconnect and analyze data from any database (such as those available in MES, ERP, CAQ and maintenance systems). The data are bundled together and processed on the platform. The TIG big data high-performance analytics framework allows companies to unite their worldwide production sites in a central cockpit. With data acquisition, data persistence, integrated data services and various interfaces for third-party vendors, TIG provides companies with a flexible, comprehensive and powerful framework for analyzing their data. The TIG solution comes with an infrastructure that can be adapted to the volume of data in question, and can be hosted both locally and in the TIG Cloud.

### **TIG authentig MES system**

TIG authentig is TIG’s fourth MES system generation. The module software solution ensures smart connections between employees, storage systems, machines, robots, and peripheral units. Active machine communication simplifies and automates the value creation processes. The extensive information from factory planning and operation is flexible and easily scalable and can be distributed in a task-oriented manner. An innovative driver technology ensures a trouble-free machine connection. TIG has managed to establish more than 10,000 highly integrated connections between machines. Assistance systems within the MES solution to provide guidance to staff are currently in their test phase at TIG. The aim here is for the MES system to send suggestions to the operator if there are problems on the machine. This is to be accomplished using data indicating how staff resolved this situation in the past.

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The new TIG authentig subscription licensing model offers a simple and cost-effective way to obtain your own MES system. It contains everything manufacturers need to know about their injection molding machines. Thanks to the low initial investment (cost per machine and year, including maintenance), the “TIG authentig subscription” model guarantees a fast return on investment.

**TIG – Technische Informationssysteme GmbH**

TIG develops and sells Manufacturing Execution Systems (MES) worldwide and has:

- connected more than 10,000 injection molding machines worldwide
- acquired 7 of the top 10 automotive suppliers as customers.

Founded over 20 years ago as a specialist for production machine networking, TIG is now the industry leader in quality assurance and production optimization. TIG sells and maintains authentig globally through locations in Rankweil, Schwertberg and Vienna (Austria), as well as Shenzhen (China) and Singapore. TIG authentig is a modular software solution with many features specially geared to the needs of the plastic processing industry. More than 300 customers and all the big-name manufacturers of injection molding, rubber, and recycling machines rely on TIG's modern MES solution.

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