

## T.I.G. at Chinaplas 2018

### Focal point: “smart production – solutions”

Rankweil/Austria – April 2018

**Solutions for digitalization and Industry 4.0 are of critical importance for plastics processors worldwide. Adherence to schedules, cost reduction and resource optimization are requirements that modern manufacturing companies have to face these days, in order to better survive in a world of digital upheaval. Manufacturing Execution Systems (MES) play a key role in the factory of the future.**

“authentig” is the MES solution for the plastics processing industry. More than 300 customers from the automotive industry, medical technology, electrical and packaging industry rely on the innovative industry solution of T.I.G. with over 10.000 networked injection molding, rubber and recycling machines.

“You can really sense the increasing interest in MES”, says Wolfgang Frohner, CEO of T.I.G. At the touch of a button, cockpits customized for specific industries give “authentig” MES users access to real-time productivity, delivery data and production quality information throughout the enterprise. By providing an optimal link between the ERP system and the production, “authentig” integrates all manufacturing-specific data in a single system and, as a result, drives measurable improvements in productivity, reducing the amount of scrap and enabling high-quality process documentation.

### TIG authentig subscription – the new license model

This new license model offers an easy and cost-effective way to your own Manufacturing Execution System. It includes everything you need to know for managing your injection molding machines.

## Advantages of TIG authentig subscription

### Transparent production

All-important key figures for the running production process and the current shift are available at the click of a mouse button.

### Documented quality

Offers complete records of all process data and part characteristics for statistical evaluation.

### Appropriate machine setup data

Guarantees improved setup data security, consistent quality and quick machine setup. The centrally managed setup datasets are transferred online to the machine.

### Quick return on your investment

With its low initial investment (price per machine and year, including maintenance) the TIG authentig subscription model guarantees a quick return and will speed up your success.



## TIG 2go - Your easy path to Industry 4.0

Connect your machines with the IoT (Internet of Things) device to your cloud-based industry 4.0 solution. TIG offers the required infrastructure to get an online overview of all connected machines, independent from their location. The focus stays on productivity and process data.

## Advantages of TIG 2go

### Have your shopfloor always near you

Easy, worldwide access to all your connected machines without the necessity to implement a complex MES solution.

### Industry 4.0 access to your machines

Overview of the most important operation figures like OEE, performance rate, quality rate and rate of utilization. For machines connected via EM63/77 or OPC, TIG 2go offers simple analyses of process stability.



**T.I.G. at Chinaplas 2018: Hall 5.1, ENGEL stand E71**

## T.I.G. – Technische Informationssysteme GmbH

T.I.G. develops and sells Manufacturing Execution Systems (MES) worldwide and has

- connected more than 10.000 injection moulding machines worldwide
- 7 of the top 10 automotive suppliers as customers

Founded over 20 years ago as a specialist for production machine networking, T.I.G. today is the industry leader in quality assurance and production optimization. T.I.G. sells and maintains “authentig” globally through offices in Rankweil, Vienna, Schwertberg, Shenzhen, Shanghai and Singapore. “authentig” is a modular software solution with many features specifically geared towards the needs of the plastics processing industry. More than 300 customers and all the big-name manufacturers of injection molding, rubber and recycling machines rely on the modern MES solution from T.I.G.

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