

PRESS RELEASE

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IVA Schmetz GmbH Presents its Digital Service at the 2018 Heat Treatment Congress in Cologne

Predictive Maintenance and Remote Assistance will be the focus of IVA Schmetz GmbH's participation at Europe's largest congress for the heat treatment industry, October 16-18.

Castellanza, October 11, 2018 – An immersive experience into a new way of monitoring equipment performance and providing technical assistance: this is what visitors will gain at **IVA Schmetz GmbH's** booth A-080/C-089, hall 4.1, at the **2018 Heat Treatment Congress** – the largest meeting for the heat treatment industry in Europe, which will take place in Cologne (Germany), October 16-18.

On this occasion, IVA Schmetz GmbH, a **Tenova** company specialized in the development and manufacturing of atmosphere and vacuum furnaces, will present its **Digital Service**, a suite of services that will change the management and maintenance of heat treatment equipment radically.

Thanks to a system of sensors installed on the equipment, all relevant data will be gathered in a field gateway and evaluated by the Digital Diagnostic Center, a pool of IVA Schmetz experts, who are enabled to act proactively before unnecessary downtimes occur. This principle called **Predictive Maintenance** allows customers to reduce downtime, minimize costs, and optimize the productive planning. In addition, it will enhance the level of transparency, as customers will have access to the data conveniently via any device.

The Digital Service also includes a more effective support by IVA Schmetz technicians thanks to **Remote Assistance**. The Digital Diagnostic Center will be able to support and provide guidelines to service technicians during a repair via live video stream. This will be possible thanks to special Augmented Reality glasses: the Microsoft HoloLens. Customers will gain significant advantages like decreasing time resolution, increasing first-time fix rate and reducing travel costs.

"Tenova has undertaken together with Microsoft, our key partner, a challenging journey towards Digital Transformation, and Digital Service is an important step of it. For us, innovation has always been a core pillar, and we believe that investing in the paradigms of Industry 4.0 will enhance the relation and interaction with the customer, while optimizing business processes", stated **Antonio Catalano**, responsible for Digital Transformation in Tenova Metals.

"Digital Service represents a real revolution for the everyday life of Heat Treatment Shops. At the booth, visitors will be able to experience a live demonstration of Predictive Maintenance as well as Remote Assistance, using the Microsoft HoloLens for Augmented Reality. We are very excited to offer a preview of these pioneering technologies at this important event", added **Peter Lankes**, CEO at IVA Schmetz GmbH.

About Tenova

Tenova, a Techint Group company, is a worldwide partner for innovative, reliable and sustainable solutions in metals and mining. Leveraging a workforce of over three thousand forward-thinking professionals located in 22 countries across 5 continents, Tenova designs technologies and develops services that help companies reduce costs, save energy, limit environmental impact and improve working conditions.

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