Materials Services IoT

Unlock shop floor potential

Production
digitization
with toii®

thyssenkrupp

toii®

Your gateway to digital production

Automation, digital networking, and the opportunities for optimization they bring unleash new potential for efficiency in the production industry. Digitalization has a name: toii®.

The software solution toii® allows heterogeneous machine outfits of various ages and from various manufacturers to communicate with one another. toii® means that companies of any size and any level of modernization can reap the benefits of digitalized production to increase productivity. toii® helps us to open up an individualized path to the age of Industry 4.0 for our customers.

Production digitization with toii®

The individual toii® modules take on many tasks in the digital factory, from data collection and machine control to visualization, allowing a multitude of potential applications to be managed.

toii®.Collect
Machine data collection

toii®.PDC
Manual entry of production data

toii®.Fusion
Visualization of production data

toii®.Think
Edge analytics

toii®.Control
Data transfer to the machine

toii®.Integrator
Integration of third-party systems such as ERP and MES

toii®.Lights
Simple data collection via setup box

Increase productivity in your manufacturing with the IIoT and MES platform toii®

The advantages of the toii® platform at a glance:

- ⊘ Real-time transparency regarding your company's shop floor productivity across multiple locations

- ⊘ toii®.Lights offers a more lean and low-cost way to collect operational and machine data

- ⊘ Machines and systems of any age and from any manufacturer can be connected

- ⊘ In its final stage of expansion, toii® makes a paperless smart factory with integrated production and logistics management a reality. As a manufacturing execution system, toii® executes planned production on time and with a high degree of efficiency and transparency

toii® is an Industrial Internet of Things (IIoT) and Manufacturing Execution System (MES) platform used with great success in the thyssenkrupp Group; it was developed especially for use within and for the optimization of industrial production. toii® is your individual solution, tailor-made to meet your needs. We work closely with you from consulting to implementation and operation – end-to-end.

toii®: One platform. Endless possibilities.

toii®

We are your partner for IIoT

thyssenkrupp Materials IoT GmbH combines 200 years of industrial history with 15 years of experience in the digital networking of machines and processes. At thyssenkrupp Materials Services, the biggest materials distributor and service provider in the western world, we have been responsible for digital networking in manufacturing and its integration into the enterprise resource planning system for many years.

We are the IIoT specialists for your manufacture. Our services are from a single source: they range from initial consulting to implementation and platform provision to service during ongoing operation. We would be happy to discover with you whether toii® is the right solution for your company.

Let us combine your expertise with our experience and set out toward the age of Industry 4.0 together.

engineering. tomorrow. together.