

MPDV press release

thyssenkrupp is a new MIP partner

The mApp toii® simplifies communication on the shop floor

Mosbach, February 20th, 2020 – thyssenkrupp Materials Services, the largest materials trader and service provider in the western world, has recently become a partner of MPDV's Manufacturing Integration Platform (MIP). In an interview with MPDV, Pascal Frank, Sales and Project Manager at thyssenkrupp Materials IoT GmbH, a subsidiary of thyssenkrupp Materials Services, explains the solution developed by the company in order to use the MIP ecosystem and also the added value it creates for users.

thyssenkrupp introduced their manufacturing app (mApp) toii® to the ecosystem of the MIP. What does the mApp do?

Completely different systems, machines and production equipment from different manufacturers communicate with each other using toii. The spectrum ranges from calipers and manual band saws to multi-stage production systems.

Each process requires information to start and process accommodated work sequences. We use toii to transfer information between different systems – from the origin to the cloud solution. This enables to develop simplified ways of communication that are faster and less faulty. At the same time you have options to analyze and increase potentials. The added value can therefore be seen in a wide range of use cases, such as paperless operations, reduced transport movements, knowledge transfer, operator instruction, analysis of downtimes, higher machine capacity utilization and increasing productivity and quality performance.

Why did you decide to become a partner of the MIP? What were the primary reasons?

Integrated systems can act in a targeted manner in a network and provide the user with a significant added value. The aim should be to unite diverse technologies and applications on one platform. This is exactly what the MIP promises.

What effects do you envisage from the partnership?

The networking of the systems in the partnership provides the user with new functions and an easier access to the technology. MPDV and thyssenkrupp Materials IoT are two strong partners with a distinct technological expertise. These competences can especially support small and medium-sized enterprises in Germany in their digitization initiatives.

Why will MIP revolutionize the market for manufacturing IT?

The MIP unites IT technologies close to production. In this way, a variety of individual solutions can be turned into a complete system. Simply ingenious, because this eliminates unnecessary interfaces and we can standardize isolated solutions.

About MIP

Manufacturing processes are becoming increasingly complex. This is the reason why today's companies are asking for flexible platform solutions allowing to program applications according to their specific requirements and they can also combine applications from different providers. The MIP from MPDV embodies the first solution for production IT that makes this all possible.

The MIP is used as a central information and data platform in production and for all connected processes. All applications communicate using a common information model guaranteeing global interoperability. MIP users select from a multitude of so-called Manufacturing Apps (mApps) of various manufacturers. These mApps provide different functions and can be combined according to the users' requirements. Companies can also develop their own mApps and offer them on the MIP marketplace. System integrators can create customized solutions from available applications for their customers. Thereby, the MIP becomes an ecosystem of users, providers and system integrators providing completely new business models.

More information about MIP and the MIP marketplace can be found here:

<http://mpdv.info/prtk-mip-marktplatz>

(approx. 3,700 characters)

Keywords

MIP, Manufacturing Integration Platform, toii®, Ecosystem, Manufacturing App, mApp, Thyssenkrupp, MPDV, Industry 4.0, Smart Factory

Images



thyssenkrupp is a new MIP partner
Source: thyssenkrupp, MPDV



Pascal Frank, Sales and Project Manager at thyssenkrupp Materials IoT GmbH, a subsidiary of thyssenkrupp Materials Services, shows how the new mApp toi@ simplifies communication in the shop floor.
Source: thyssenkrupp

About MPDV

MPDV, headquartered in Mosbach/Germany, is the market leader for IT solutions in the manufacturing sector. With more than 40 years of project experience in the manufacturing environment, MPDV has extensive expertise and supports companies of all sizes on their way to the Smart Factory. Products such as MPDV's Manufacturing Execution System (MES) HYDRA or the Manufacturing Integration Platform (MIP) enable manufacturing companies to streamline their production processes and stay one step ahead of the competition. The systems can be used to collect and evaluate production-related data along the entire value chain in real time. If the production process is delayed, employees detect it immediately and can initiate targeted measures. More than 900,000 people in over 1,400 manufacturing companies worldwide use MPDV's innovative software solutions every day. This includes well-known companies from all sectors. The MPDV group employs around 500 people at 13 locations in China, Germany, Luxembourg, Malaysia, Singapore, Switzerland and the USA. Further information: www.mpdv.com.

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