

News Release

Interpack: Werum IT Solutions showcases new integrated IT solutions for improved efficiency in packaging

Werum's solutions for Track & Trace serialization, KPI/OEE monitoring and equipment integration on display at Medipak Systems' joint booth in hall 16-A25 / Open-SCS data exchange presented at OCS Checkweighers' booth in hall 15-B41

Lüneburg/Düsseldorf, Germany, May 2, 2017 – Anti-counterfeiting drugs, OEE optimization and Industrie 4.0/Industrial Internet of Things – Werum IT Solutions addresses today's challenges of the pharmaceutical industry and shapes future trends and developments.

“At the Interpack trade fair from 4 to 10 May in Düsseldorf, we will present our new integrated IT solutions to improve packaging processes in pharma factories,” says Jan-Henrik Dieckert, Senior Head of Sales EMEA at Werum IT Solutions GmbH. “Our visitors will learn more about our vendor-independent Track & Trace solution, our easy way of KPI monitoring, and our new Plug & Produce solution which reduces the workload of equipment integration up to 75 percent compared to before. These are some examples how we support our customers to increase the efficiency and productivity in their pharma factories while meeting regulatory requirements.”

At the trade show, Werum IT Solutions is showcasing its products and services at the Medipak Systems' booth in hall 16-A25 together with the other business area companies. Additionally, Werum will be present at the OCS Checkweighers' booth in hall 15-B41.

PAS-X Track & Trace for line-controller-independent serialization

Werum offers a vendor-independent Track & Trace solution to comply with the anti-counterfeiting requirements of any country around the globe. PAS-X Track & Trace provides serialization and aggregation functionalities for packaging processes. It integrates the ERP

and the Global Repository with the shop floor packaging equipment and line controllers. PAS-X Track & Trace is a smart option to get started with Werum's manufacturing IT solutions and can easily be extended to a full-scope PAS-X MES. Drug manufacturers can thus benefit from the additional advantages of comprehensive production control and documentation, including equipment management.

Werum is an Open-SCS working group member. Data exchange between the individual products of the partners will be showcased at the Interpack. OCS Checkweighers is hosting different Open-SCS members including Werum. The IT company will demonstrate how PAS-X Track & Trace communicates with OCS (hall 15-B41, 4-5 May). The data exchange with a serialization line controller from Seidenader will be presented at Medipak Systems' booth (hall 16-A25).

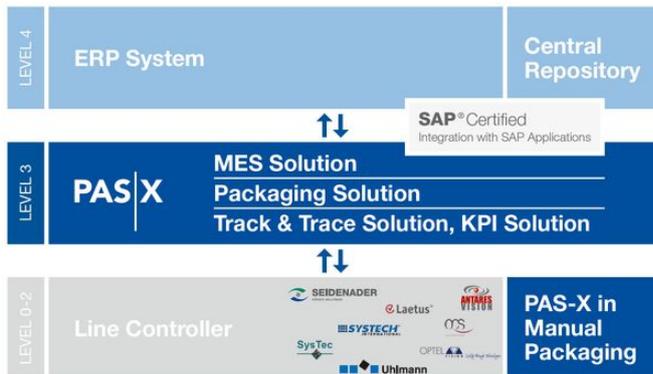
PAS-X KPI for real-time monitoring of production and packaging lines

Werum's PAS-X KPI is a lean software product for live monitoring of production and packaging lines to improve the shop floor performance of pharma and biotech facilities. PAS-X KPI provides real-time key performance indicators (KPI) to optimize processes or equipment. It is the only KPI/OEE tool dedicated solely to the pharmaceutical and biopharmaceutical industries. PAS-X KPI is browser-based and supports multiple delivery methods, including site installation and enterprise cloud. It offers the option to easily scale up MES functionalities, e.g. Electronic Batch Recording (EBR).

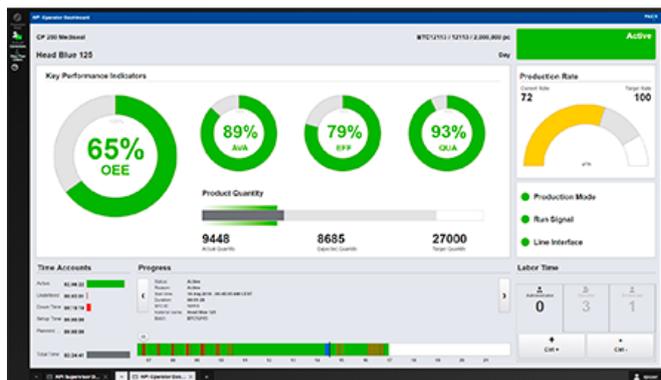
Werum's Plug & Produce solution for the vertical integration of equipment

The new Plug & Produce solution allows a fast and easy integration of machines and automation systems into a pharmaceutical production environment. This is possible because the machine on the shop floor and the PAS-X MES software communicate directly via Werum's new standardized message-based interface. Werum's Plug & Produce is an open solution and completely vendor-independent: Pharma manufacturers can use it with any smart equipment, DCS or SCADA system. They can save up to 75% of the workload previously needed for the integration of a new machine into its production environment.

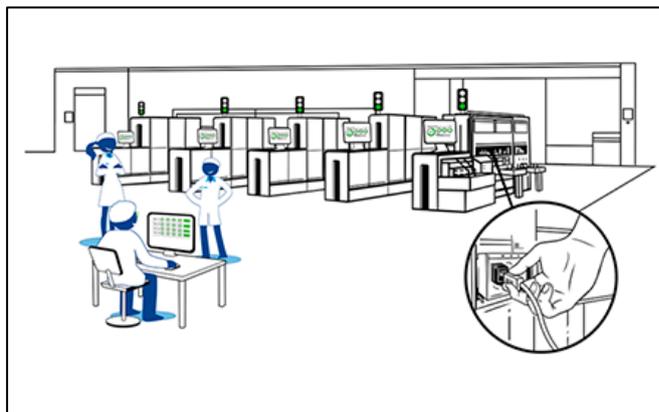
Photos:



PAS-X Track & Trace for line-controller-independent serialization



PAS-X KPI for real-time monitoring of production and packaging lines



Werum's Plug & Produce solution for vertical integration of equipment

About Werum IT Solutions

Werum IT Solutions is the world's leading supplier of manufacturing execution systems (MES) and manufacturing IT solutions for the pharmaceutical and biopharmaceutical industries. Its PAS-X software product is run by the majority of the world's top 30 pharmaceutical and biotech companies but also by many mid-sized manufacturers. Werum's manufacturing IT solutions help pharma manufacturers to increase efficiency, improve productivity, and meet regulatory requirements. Founded in 1969, Werum is headquartered in Lüneburg, Germany, and has many locations in Europe, America, and Asia.

www.werum.com

Werum is part of Medipak Systems, the Pharma Systems business area of the international technology group Körber. The Business Areas six companies, Dividella, Fargo Automation, Mediseal, Rondo, Seidenader Maschinenbau and Werum IT Solutions, are global leading providers of high-quality solutions for the manufacturing and packaging process of pharmaceutical products. As a Medipak Systems company, Werum provides integrated IT solutions for all phases of pharmaceutical and biopharmaceutical production – including process development, commercial production, and packaging as well as track & trace serialization. Körber unites around 11,500 professionals in industry-leading companies worldwide, achieving annual earnings of 2.3 billion Euros.

www.medipak-systems.com, www.koerber.de/en

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