

Press release

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fischertechnik illustrates digital transformation

SAP makes Industry 4.0 comprehensible with fischertechnik

fischertechnik makes Industry 4.0 comprehensible in the SAP digital studios. The fischertechnik simulation models for industry illustrate complex processes of digital transformation at various sites of the software provider throughout the world. Thus, fischertechnik is increasingly becoming established as the tool of choice for making Industry 4.0 comprehensible in large production plants.

fischertechnik GmbH

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High-bay warehouses, production lines and sorters make the world of tomorrow comprehensible in the fischertechnik Smart Factory at SAP. In nine digital studios of the software provider throughout the world, it is used to develop ideas, advise and inspire customers and test possibilities for the future.

When the fischertechnik factory, controlled by an SAP cloud platform, is set in motion, the opportunities provided by Industry 4.0 and the Internet of Things become clear. A precisely coordinated software architecture makes it possible to trace, from anywhere, the station in the production line where a product can be found at the moment. Individual production steps can be analysed, orders triggered and processed in good time and any maintenance measures planned ahead.

The fischertechnik construction system is already used at the SAP sites in Germany, Hungary, the Czech Republic, Brazil, Switzerland and the USA.

“The digital transformation and the Internet of Things are still very abstract topics for many people. That is why it is important to be able to try out technical approaches and concepts directly and to make it possible to experience them. fischer-technik has proved to be an extremely stable and helpful tool for this,” says Roland Deuker from the Business Transformation Services Department at SAP.

For this reason, the software manufacturer is going to rely on fischertechnik for the illustration of complex processes in the future too: an additional fischertechnik factory has already been procured in the USA, which can be seen at the SAP TechEd in Las Vegas .

fischer group of companies

The fischer group of companies based in Waldachtal, in the Northern Black Forest, achieved a turnover in 755 million euros in 2016 with 4,600 employees. The family company is represented in 34 countries with 46 companies and exports to more than 100 countries. It includes the five divisions fischer fixing systems, fischer automotive systems, fischertechnik, fischer Consulting and LNT Automation.

fischer fixing systems is the technological market leader in key fields of fixing technology. fischer provides products with technical perfection to a wide range of customers, from DIY enthusiasts to craftsmen to key account partners.

fischer automotive systems produces high-quality interior components for vehicles. The company has a high level of expertise in plastics processing and is an important partner for the automotive industry. The product range includes air outlets, drinks holders, storage compartments and multi-functional components.

With its building sets, fischertechnik is active both in the toy and the education sector. fischertechnik is one of the last toy providers to develop and produce its toys exclusively in Germany.

fischer Consulting grew from the expertise developed in the company. This is where the fischer ProcessSystem can be found which mainly deals with continuous improvement. The fischer ProcessSystem is always geared towards the benefit for the customer, fischer Consulting advises medium-sized companies, authorities and large corporations on their way to slim and efficient processes.

LNT Automation develops and produces customer-specific electronic solutions. The company also deals with the development, the production and the sale of customer-specific and capacity touch systems such as multi-touch solutions made from glass and matching controller units. The electronics are produced in-house.

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