## PRESS RELEASE

### 600th RFID customer of Würth Industrie Service

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*Bad Mergentheim/Main-Tauber-Kreis.* Würth Industrie Service GmbH & Co. KG implemented a new RFID Kanban system for the French manufacturer of camping equipment and motor homes, Trigano, at their Mamers location. This intelligent solution safeguards efficient supply of C-parts to production. With the most recent project for Trigano, Würth Industrie Service has now equipped 600 customers with this solution all over Europe.

At the manufacturing location of Trigano in Mamers—situated roughly 200 kilometers west of Paris—about 170 employees produce high-quality camping equipment as well as components for different trailers and motor homes. The production areas are very diversified: metal-working, joinery all the way to plastics processing. The people responsible at Trigano opted for an RFID Kanban system to optimize internal procurement processes for C-parts. In March 2018, the project team of Würth Industrie France installed a total of four shelves for 330 containers. Jonathan le Biavant, Trigano's person responsible for manufacturing at Mamers, believes that the principal advantage is supply security: "The RFID solution makes sure that we always have the necessary quantity of the right material available at the right time and in the right place." Another factor influencing Trigano's decision in favor of Würth Industrie Service GmbH & Co. KG was the product variety safeguarded to Würth Industrie France through the logistics center at the Bad Mergentheim location. Le Biavant said: "For one, we are convinced of the level of sophistication of the RFID technology, and the comprehensive portfolio gives us the opportunity to further streamline our purchasing processes." At the moment, Trigano purchases roughly 100 different products from the field of fastening technology from Würth Industrie Service. "As of today, more than half of our Kanban customers are already using the RFID version," says Martin Jauss, managing director for Marketing and IT, "owing to the fact that in line with the developments in industry and logistics 4.0, digitalized processes are in greater demand and RFID is increasingly becoming the standard solution."

### Intelligent shelves reorder automatically

Assembly lines are becoming more and more flexible, digitalization is now almost a matter of course. All processes are supposed to be lean and efficient

all the way to the fully automated supply of C-parts. Since 2011 already, Würth Industrie Service has been banking on RFID Kanban systems and is continuously developing new applications relating to radio frequency identification, in brief RFID. The heart of this technology are the integrated transponders that store information such as type of container, article number, description, filling volume and batch and, if needed, automatically trigger an order. For this, the data are directly transmitted from the customer's production location to the central warehouse in Bad Mergentheim. The RFID system constitutes the basis of numerous solutions built on this basis. At Trigano, three shelves belonging to type iSHELF® have been installed. Thanks to a sender-receiver unit integrated in the shelf, the system identifies an empty container being placed on the shelf. The latter then reads the RFID chip and immediately transmits the information about the article and the quantity. The advantage: Manual reordering is no longer necessary which automatically eliminates a potential source of error.

**RFID technology harboring great potential**

Martin Jauss, managing director for Marketing and IT, is convinced: "The concept behind RFID will become increasingly popular since industry customers are very much interested in having a complete overview of their inventory, this being an important success factor of efficient manufacturing processes." This is the reason why Würth Industrie Service is focused on consistently developing this technology further. One example is the battery-powered iPLACER®. Equipped with an RFID reader and sender, the iPLACER® can be attached anywhere—be it on the shop floor, at the workplace, in assembly, logistics or intra-logistics. The module records all incoming and outgoing shipments, additions, withdrawals and orders triggered without any manual work necessary. This makes it possible to report the demand per workplace and shelf and safeguards the corresponding replenishment controlling.

**Photos**

Image 01



Würth Industrie Service implemented a new RFID Kanban system for the French manufacturer of camping equipment and motor homes, Trigano, at their Mamers location. With Trigano, the partner for C-parts management now has 600 customers using these systems all over Europe.

Image 02



The transponder integrated in the container stores every piece of information about contents and quantity. Thanks to a sender-receiver unit integrated in the shelf, the intelligent iSHELF® directly identifies an empty container being placed on the shelf and, if needed, triggers an order.

Company profile of Würth Industrie Service GmbH & Co. KG

Würth Industrie Service GmbH & Co. KG is the principal supplier for the industry sector within the Würth Group. Since it was founded in 1999, the company has operated at its location in Bad Mergentheim, the Würth Industrial Park, with currently more than 1,500 employees.

To its customers, the company presents itself as a full-service C-part supplier with a specialized product range comprising more than 1,000,000 items, including screws and bolts, fastening and connecting materials, tools, technical chemicals, and PPE.

In addition to its comprehensive standard range, the company's main strength lies in the provision of customized supply and service concepts in logistics and materials planning as well as the supply of special parts. With its service brand "CPS® – C-Product Service", Würth Industrie Service offers its customers modular solutions that can easily be adapted to individual customer requirements. Consumption- and demand-driven systems help to streamline the processes for purchasing, logistics and quality assurance, enabling the customer to optimize the costs involved in the procurement of consumables.

Logistics and materials planning services such as scanner-supported storage rack systems or just-in-time supplies in Kanban containers help achieve significant productivity gains.