

PRESS RELEASE

CPS@miSELF:

The future of supply – one system for all parts.

Bad Mergentheim/Main-Tauber-Kreis. There are often hundreds, even thousands, of parts in manufacturing companies that need to be managed and monitored at the same time. This is not only about handling C-Parts such as screws, washers, nuts and production-related MRO products like gloves, masks or goggles, but also about A- and B-Parts such as gears, headrests or backrests. In times of increasing dynamics, rising volatility and faster product lifecycles, this can pose a challenge in purchasing, procurement and associated business areas; unless automated and digital solutions are used. Within the concept CPS@miSELF, it is not only possible to integrate C-Parts, standard parts and special parts, but also to handle non-Würth products along with A- and B-Parts, for which mostly other purchasing processes apply. Its application for the purpose of intralogistics itself is also being considered.

Tried and tested systems. Secure processes. Digital management.

CPS@miSELF automates the supply processes in the value chain fully and ensures maximum availability of material by managing and controlling all conceivable items through a single tool. This digital management indicates significantly reduced efforts in procurement and supplier management, a comprehensive service for all items, full transparency in inventory, suppliers and storage locations and allows consumption analysis and forecasting. The basis for CPS@miSELF is a web-based platform in combination with RFID Kanban solutions and related hardware such as bins, labels and racks from Würth Industrie Service. By linking an RFID tag with a scanner system, such as the sensor-controlled scale iSCALEpal for large and bulky items or the intelligent shelf iSHELF® for bins standardised according to VDA, all necessary information is captured and transmitted to the web platform. Thanks to the RFID technology, customers react to fluctuations in demand early on and can control the flow of goods in a targeted manner. The efforts involved in setting it up in the existing processes are low; however, they ensure a direct increase in productivity. This is because manufacturing employees no longer have to place the orders themselves; instead, the system identifies the exact requirement for material independently and automatically conveys it to the supplier. As a result, manual work steps and consequent errors in reordering can be prevented.

Würth Industrie Service
GmbH & Co. KG
Pia Schmitt
Press and Public Relations
97980 Bad Mergentheim,
Germany

T +49 7931 91-3409

F +49 7931 91-4000

www.wuerth-industrie.com

Pia.Schmitt@wuerth-industrie.com

09.05.2023

One system for all parts.

CPS®miSELF enables industrial customers to combine different suppliers in a single solution and tried and tested hardware, while at the same time using the services of Würth Industrie Service for items outside the Würth product range. In this way, the C-Parts management partner offers a solution that enables the users to digitalise their entire delivery chain and make it more transparent. A digital management tool and only one system for all types of parts has been developed. The result is coordinated, networked, and above all simple and lean processes in production, materials management, maintenance, procurement, and intralogistics. In the future, for example, it will also be possible to manage internal milk runs, ensure workplace supply and complete asset management of components in the production process. For the efficient implementation of these intended applications, Würth Industrie Service is also developing the existing RFID systems further: for e.g. iSHELF®. With the new generation of the system, the data is captured more frequently. As a result, the intelligent shelf not only ensures increased supply security, but also is particularly suitable for processes within the internal supply chain.

Photo material



Captions:

Photo 1: CPS®miSELF.jpg

Caption 1: CPS®miSELF: The future of supply – one system for all parts!

Photo source 1: Thomas Möller, bitterrechtfreundlich.de

Brief profile of Würth Industrie Service GmbH & Co. KG

Within the Würth Group, Würth Industrie Service GmbH & Co. KG is responsible for supplying to the industrial sector. Since its foundation in the year 1999, the company is located at Industriepark, Würth in Bad Mergentheim, Germany with over 1,750 employees.

As a one-stop C-Parts provider, the company offers its customers a specialised product range with over 1,400,000 items: from screws and tools to connection and fastening technology, technical chemicals as well as occupational safety solutions. Aside from the extensive standard product range, the strength of the company lies in its customer-specific, logistical and dispositive supply and service concepts as well as special parts. Under the service brand "CPS® – C-Product Service", the company offers modular solutions customised as per the customer's requirements. These consumption-based and demand-based systems streamline the processes for purchase, logistics and quality assurance while enabling the procurement of small parts in a cost-optimised manner. Logistic and dispositive services such as shelving systems that use scanners or a just-in-time supply using Kanban bin systems play a significant role in increasing productivity.