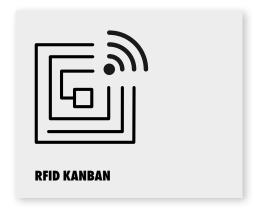
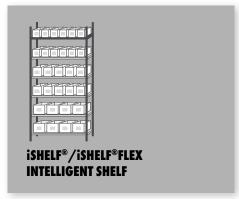
**WÜRTH Industrie Service** 

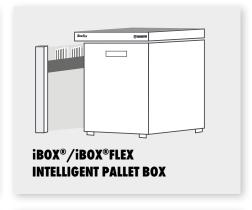
DE | EN

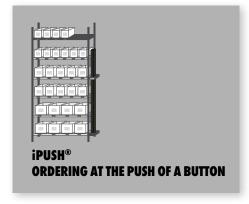
## **CPS®RFID**

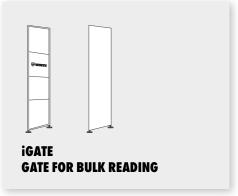
#### **Radio Frequency IDentification**





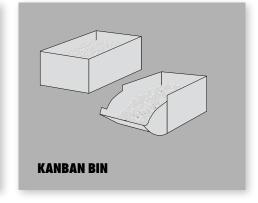
















#### **TABLE OF CONTENTS**

Preface	5
Introduction CPS®RFID	6
iSHELF® and iSHELF®flex - The intelligent shelf	16
iBOX® and iBOX®flex – The intelligent pallet box	18
iPUSH® – Easy ordering at the push of a button	20
iGATE - The gate for bulk reading	22
iPLACER® – The battery-powered module with reader and transmitter	24
iPallet – The RFID pallet box	28
iTAGBOX® – Order triggering in pallet Kanban via the intelligent dropbox	30
Kanban bins – The right one for everyone	32
WIS portal – The online platform to analyze the bin movements	34
Additional solutions for your applicationiBin®, iDisplay & iRackDisplay, CPS®Mobile	36



# THE TECHNOLOGY HAS CHANGED. BUT NOT THE BASIC PRINCIPLE.

#### **Dear customer of Würth Industrie Service!**

Faster, more transparent, more secure – Radio Frequency Identification, or in short RFID, has become firmly established for replenishment control of production material in the manufacturing industry and is a central component within an efficient value chain. Within industrial Kanban systems, Würth Industrie Service has taken advantage of this technology to streamline inventory management, automate reordering and identify demand fluctuations at an early stage. Thus, the systems of the CPS®RFID line contribute to an even higher supply security compared to conventional Kanban processes.



The smart way to optimize production processes.





#### As your reliable partner, we will be glad to give you advice and provide support!

Würth Industrie Service develops suitable and individual procurement solutions for every customer requirement with a maximum of process, quality and supply security: all modules can be combined, from "just-in-time" Kanban supplies, scanner-supported shelving systems and e-commerce connections to the central warehouse up to the management of hazardous substances. Benefit from this professional system that has grown over decades and save time and costs. We are working 24/7 on the further development of our systems and drive innovation. Put your inventory management in the hands of Würth Industrie Service and gain free resources for your core competencies.

#### **Martin Jauss**

Managing director of Würth Industrie Service GmbH & Co. KG



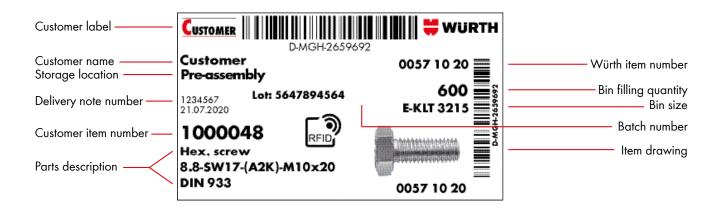
#### **IN A NUTSHELL**

#### How does CPS®RFID work?

The basis is an insensitive chip with antenna, referred to as so-called RFID tag or RFID transponder, which is attached to the respective object, for C-Parts as a label on the Kanban bin, and can be moved freely with the object. For data security, each tag can be identified by a unique number. In addition, an RFID system comprises a reader to receive the transponder's data and a transmitter unit for data transfer or automated reordering of C-Parts for production. The main difference between the systems is the use of passive or active RFID transponders.

While passive RFID transponders do not have their own power supply and obtain the energy for transmitting the data from the energy field generated by the reader, active transponders have their own energy source, for example a battery, which initiates data transmission. Würth Industrie Service operates both systems, but mainly favors systems with passive RFID transponders, as these are maintenance-free. In addition, the integration of systems with passive transponders is seamlessly possible and no change in customer processes is necessary.

#### The Kanban bin label – All information is transparent at a glance.







## THE RFID TAG ON THE KANBAN BIN



## BENEFIT FROM THESE ADVANTAGES.



#### Transparent exchange of information

Permanent data transmission via RFID to the ERP system of Würth Industrie Service ensures a fast, transparent flow of information and smooth project processing as well as precise monitoring of the goods flow. Fully automatic reordering helps to have maximum product availability in the Kanban system.

#### No need for manual data entry

RFID transponders do neither dependent on time nor on location and all data can be permanently retrieved over long distances. Thus, sources of error can be reduced. Without using a manual scanner which allows for human errors.





#### Maximum supply security

By using RFID technology within a Kanban system, the industrial customers of Würth Industrie Service can rely on maximum availability of goods and direct materials for their production needs. Furthermore, this technology contributes to significant savings in procurement and process costs.

#### Identification of demand fluctuations

Demand fluctuations, especially peaks in demand and seasonal business, can be analyzed precisely and the material planning in the central warehouse of Würth Industrie Service can be adjusted continuously. This ensures maximum availability of the right product, in the right quantity, in the right place and at the right time in production. Supply cycles can be reduced to a minimum and the number of bins per product can be optimized.



## THE SMART WAY TO OPTIMAL KANBAN CONTROL

#### Kanban process at Würth – Supply security for your small parts

The material flow in Kanban systems from Würth Industrie Service is managed by two bins, the Würth small load carriers W-KLT®2.0 (E-KLT). The information carrier used in a Kanban process is a Kanban label in combination with various technologies for automatic control of the production process. In the past, a handheld scanner was used to trigger demand, today more than half of Würth's customers use RFID-supported system solutions as standard version for automated reordering, and in the future, further intelligent technologies can be expected to be used. The Kanban system of Würth Industrie Service cannot only be used for direct materials, such as connecting elements, fasteners, DIN/standard parts as well as special and drawing parts, but also for MRO goods.

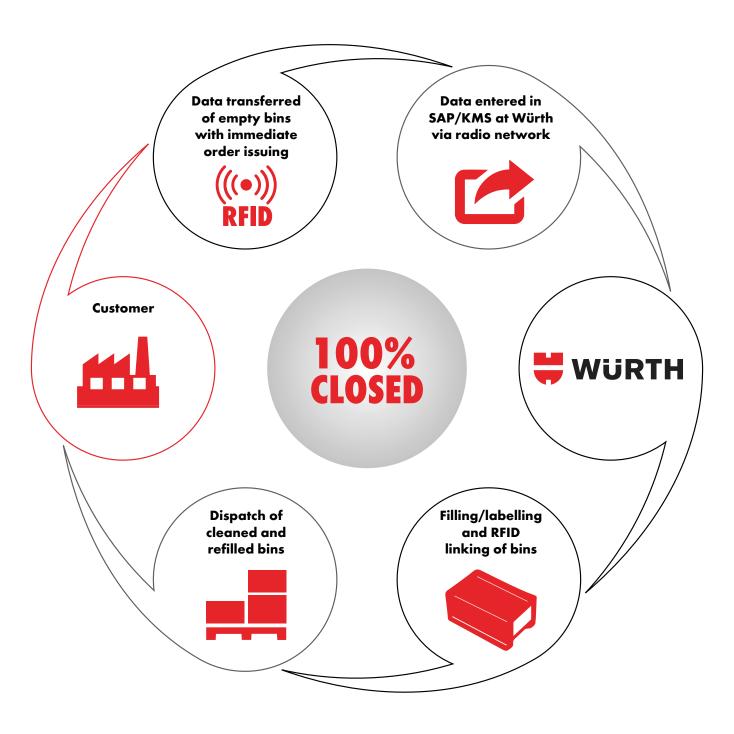
#### Data management in the Kanban process

Each bin movement is captured and documented, so that information regarding the status of the Kanban system can be given at any time. Basis for this is a Kanban management software developed in-house, our specialized European Kanban logistics center in Bad Mergentheim (Germany) as well as the barcode-based labels or RFID tags. The data is used to plan all C-Parts consumption-oriented, optimize inventory and storage technology in regular terms and update statistical data. All information is also available to the customer via the information platform WIS portal. At the same time, a large number of special and drawing parts as well as specific categories of products can be processed effectively. The employees of Würth Industrie Service plan your specific, cost-effective solution in consultation with all specialist departments, implement the system in cooperation with the customers and provide support for C-Parts standardization.

#### Different types of optimal Kanban control

Tailored to the respective products and the individual work situation, the most suitable Kanban service solution for automatic replenishment is implemented. In all cases, the focus is on maximum availability of the right product, in the right quantity, in the right place and at the right time. RFID technology is an indispensable part of the efficient value chain of manufacturing companies. You can completely automate your procurement processes and your replenishment, manage your inventory in a lean way and identify demand fluctuations at an early stage by using RFID Kanban.





## TOGETHER WE ARE STRONG.



## CPS®RFID COMBINED WITH THE PATENTED W-KLT® 2.0 BIN

#### A strong team.

Use the combination of our two innovations for an optimal supply process! Not only do they optimize your in-house processes, they also use RFID to transmit your requirements several times per day. Your C-Parts stocks are replenished even faster and completely automatically.



#### Benefit from these advantages:

- unobstructed and optimized access thanks to a wide front flap without crossbar
- 2-stage front flap for comfortable withdrawal
- safe indicator function (flap open = bin in use)
- up to 50 % less rack and floor space required
- up to 50 % less soiling of the goods
- combinable with the innovative RFID technology
- available in four bin sizes (in accordance with VDA standard)
- option provided for VDA label (from size 3215)

# FAST. FLEXIBLE. INNOVATIVE. INTELLIGENT.



## WHICH IS THE RIGHT SYSTEM FOR YOU

#### The intelligent shelf



#### iSHELF® / iSHELF®flex

- Operation of several shelf fields
- No power supply needed thanks to battery operation

#### The intelligent pallet box



#### iBOX® / iBOX®flex

- Collection of the empty bins in the pallet box
- Large capacity of up to 192 bins in the iBOX® and 120 bins in the iBOX®flex

#### Ordering via button



#### **iPUSH**®

• The order is triggered at the push of the button integrated in the RFID label

#### The gate for bulk reading



#### **iGATE**

 Central collection of a large number of bins possible in one step

#### The flexible RFID module



#### **iPLACER®**

 The module can be mounted anywhere and automatically triggers reordering

#### The RFID pallet box



#### Pallet

 Continuous scanning of the environment for RFID Tags



### THE SHELF FOR YOUR KANBAN RACK

iSHELF® iSHELF®FLEX QUICK CONVERSION

OPERATION OF SEVERAL SHELF FIELDS

NO NEED FOR MANUAL ENTRY

NO ADDITIONAL SPACE REQUIRED

DIFFERENT SHELF SIZES

AUTOMATIC ORDER TRIGGERING

**BATTERY OPERATION** 

MAXIMUM SPACE SAVING



#### A SHELF CAN BE SO INTELLIGENT

#### Our iSHELF® and iSHELF®flex

This system stands for automatic ordering of your direct materials via an intelligent shelf. The shelf can be easily integrated into your existing Kanban racks of Würth Industrie Service, so that the existing workflows in the Kanban process remain unchanged. Due to battery operation, no power supply is needed, which means you can place your rack in the production area wherever you want. Your Kanban bins are automatically equipped with an RFID tag by Würth Industrie Service. As soon as you remove an empty bin from the Kanban shelf and place it on the intelligent shelf, an immediate data transfer is initiated. This triggers a repeat order via the ERP system of Würth Industrie Service and you receive full bins in the next delivery cycle and filling rhythm.





#### THE INTELLIGENT PALLET BOX

iBOX® iBOX®FLEX

CORRECT SCANNING THANKS
TO A CLOSED SYSTEM

EMPTY BINS
COLLECTED IN
THE PALLET BOX

EXTENDABLE DRAWER INCLUDED

INSTALLATION PLACE FREELY SELECTABLE

**HIGH CAPACITY** 

ONE SYSTEM FOR SEVERAL SUPPLY CONCEPTS

CHANGE OF LOCATION POSSIBLE AT ANY TIME

LITTLE SPACE REQUIRED



#### WITH AN UNBEATABLE CAPACITY

#### Our iBOX® and iBOX®flex

Both systems have a high bin capacity. Up to 192 bins can be stored in the iBOX® and 120 in the iBOX®flex. Located at a separate place, the iBOX® pallet box is used to immediately transfer the data of the C-Parts via RFID as soon as an empty bin is placed in it. This leads to a fully automated recording of the requirements. The iBOX®flex is the first pallet box that can operate two Kanban systems in production simultaneously. Firstly, the box includes an extendable drawer for all empty bins which ensures easy handling for the foreman, logistics specialist or fitter on the shop floor. Secondly, the iBOX®flex contains a separate compartment on the side for RFID tags from the pallet Kanban.





#### **ORDERING VIA BUTTON**

**iPUSH®** 

SUITABLE FOR PALLET KANBAN

FOR BULKY PRODUCTS SUITABLE

FREELY PLACEABLE

**WIRELESS** 

FLEXIBILITY OF USE

FAST AND EFFICIENT PROCESS

CAN BE USED AS AN ORDERING SYSTEM

PUSHED = ORDERED



## EASY TRANSFER OF THE REQUIREMENTS AT THE PUSH OF A BUTTON

#### **Our iPUSH®**

With iPUSH®, the order is triggered by pushing the button integrated in the RFID label. This enables automated reordering of products in packagings, cardboard boxes or on pallets. Special feature of this system are the flexible mounting options in the production or assembly area. Furthermore, items which do not fit into a Kanban bin (e.g. threaded rods) can be integrated into the system.





#### THE GATE FOR BULK READING

**iGATE** 

TIME SAVING
WITH DATA ACQUISITION

CONSISTENT DOCUMENTATION

REGISTRATION
OF 200 EMPTY
BINS

INTEGRATION
INTO
LOGISTICS
PROCESSES

FLEXIBILITY OF USE

AUTOMATIC REPLENISHMENT CONTROL

CAN BE USED AS AN ORDERING SYSTEM

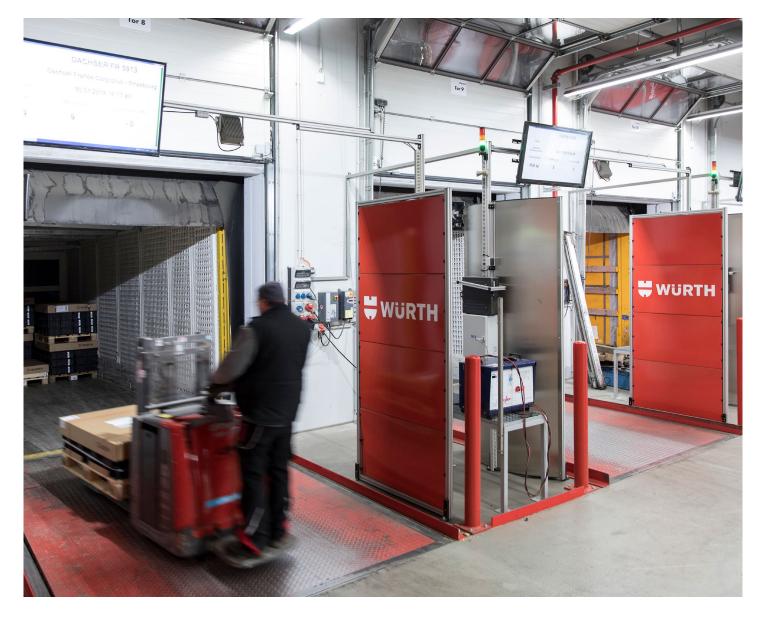
INSPECTION
OF INCOMING
AND OUTGOING
GOODS



#### **DO YOU WANT A LITTLE MORE?**

#### **Our iGATE**

With RFID technology, demands cannot only be recorded in a decentral way. Using the iGATE, central registration of a large number of bins is possible in one step – every time a material train passes through the iGATE. The iGATE ensures simultaneous detection and data transmission of more than 200 bins. In addition to bulk reading, a complete documentation of your bins in use is possible – for example for checking incoming and outgoing goods. The iGATE can be integrated into logistics processes and offers the possibility to cover a multitude of processes.





#### THE FLEXIBLE RFID MODULE

**iPLACER®** 

WIRELESS SYSTEM

AUTONOMOUS INDEPENDENT SYSTEM FLEXIBLE MOUNTING OPTIONS

BATTERY-OPERATED

FLEXIBLE APPLICATIONS

FULLY AUTOMATIC ORDER TRIGGERING

TRANSPARENCY OF THE GOODS FLOW

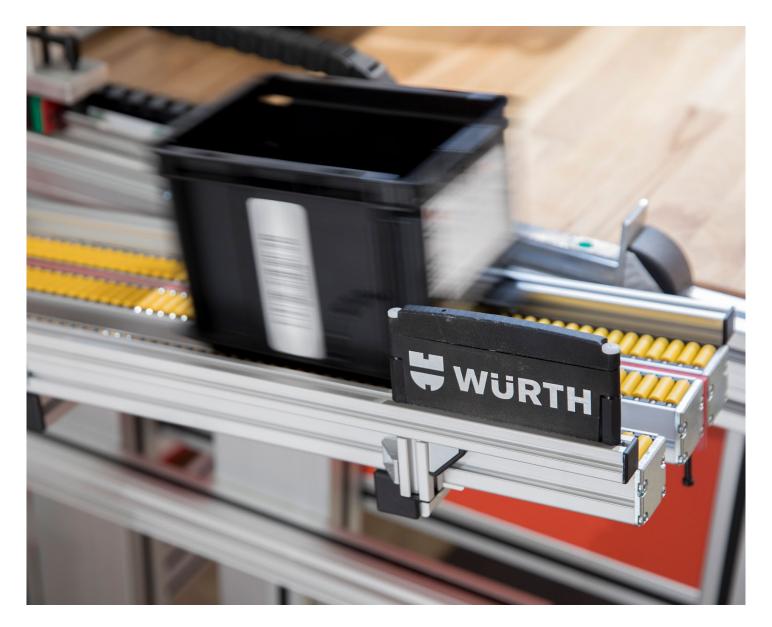
OPTIMUM USE OF SPACE



#### **EXACTLY WHERE YOU NEED IT**

#### **Our iPLACER®**

The iPLACER® ensures maximum flexibility. The small, handy, battery-operated module with integrated reader and transmitter unit can be mounted anywhere and ensures automated reordering of C-Parts directly from your workplace or from the flow rack. Thus, the RFID technology cannot only be used as an ordering system, but also acts as an inventory management system.





#### iPLACER® - HIGHLY VERSATILE

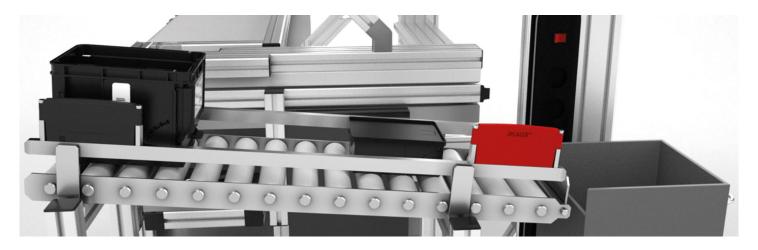
#### • iPLACER® WP – An ordering system for use directly at the workstation

With this particular application, the iPLACER® WP (Workplace) is installed directly at your workstation. By using RFID tags attached to all Würth W-KLT® 2.0 small load carriers or Würth W-KLT® 2.0 XS/S small-sized bins as standard, an order is automatically triggered as soon as an empty bin passes the so-called "drop-off point". The bins are then collected in a box and emptied by the service team next time they come for replenishment.



#### 2. iPLACER® OP – An autonomous, independent ordering system

Thanks to its compact design, the iPLACER® OP (Order Point) is mobile and can be attached flexibly at any place. Empty bins or Kanban cards equipped with an RFID tag pass by the iPLACER® module and are entered for ordering. In this way, the module can be used anywhere, whenever and wherever you need it – in production, at the workstation, in assembly, logistics and intralogistics processes.





#### 3. iPLACER® FR – A replenishment management system in the flow rack

In addition to its function as an ordering system for fully automated data transfer, the iPLACER® FR (Flow Rack) can now also be used as an inventory management system for the first time. By attaching two iPLACER® modules to a flow rack – even to already existing, customer-specific racks – incoming and outgoing deliveries, postings, bookings and order placements can be easily recorded without any manual effort. This gives customers complete transparency of their inventories in production and ensures intelligent replenishment control. Requirements can be reported for each shelf and place.





#### THE RFID PALLET BOX

#### **iPALLET**

CONTINUOUS SCANNING
OF THE ENVIRONMENT
FOR RFID TAGS

STATUS
INDICATION
BY USING A
DISPLAY

**OPEN SYSTEM** 

INSTALLATION PLACE FREELY SELECTABLE

HIGH CAPABILITY OF UP TO 160 BINS ONE SYSTEM FOR SEVERAL SUPPLY CONCEPTS

### CHANGE OF LOCATION POSSIBLE AT ANY TIME

LITTLE SPACE REQUIRED

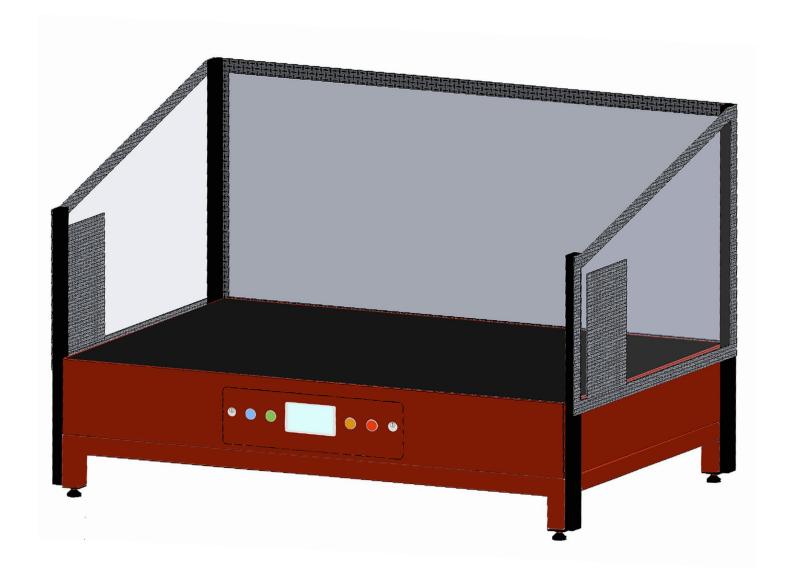


## REQUIREMENTS PLANNING BREAKS NEW GROUND

PILOT/STUDY

#### Our RFID pallet box

Within the supply of production means, the portfolio of system solutions is extended by a study regarding the newly developed **RFID pallet box**. Compared to the RFID modules used so far, it is no closed system with a cover for automatic order triggering, but an open system. The "pallet" continuously scans the environment and searches for new RFID tags to initiate the requirements accordingly. A display in combination with 4 LEDs shows the status within the Kanban supply in future. The "pallet" is intended to have a volume of 160 RFID tags which corresponds to a maximum of ten bin levels.





#### **FOR PALLETS AND BINS**

**iTAGBOX®** 

SUITABLE FOR GOODS
WITHOUT BINS AND PALLET
KANBAN

RFID TAG
READING FROM
THE BIN OR
PALLET CARD

CONFIRMATION BY LED STRIPS

INSTALLATION PLACE FREELY SELECTABLE

FLEXIBILITY OF USE

**INDEPENDENT SYSTEM** 

OPTICAL SIGNAL ON DATA ACQUISITION

LITTLE SPACE REQUIRED



#### ORDERING SMALL PARTS MADE EASY

#### **Our iTAGBOX®**

Data is transferred immediately via the intelligent iTAGBOX® as soon as an RFID tag from the empty bin or a pallet card is positioned nearby the box. LED strips indicate successful RFID reading. The C-Parts are ordered automatically via RFID. The iTAGBOX® can be installed directly on the Kanban rack or a wall.





## THE RIGHT ONE FOR EVERYONE



#### Optimum use of storage space with small load carriers from Würth Industrie Service

Optimal supply, storage and quality of C-Parts – is that all? Certainly not. Regular exchange with more than 20,000 customers in Germany alone enables us to constantly improve our service for you. In this way, we can give you exactly the support you need to concentrate on essential issues.

Our various types and sizes of bins according to VDA standard help you to organize your Kanban system effectively and store, retrieve and transport bulk material such as C-Parts and other production material efficiently and safely. All bins are equipped with RFID tags as standard and are suitable for mobile use anywhere by means of the W-KLT®CLIP.

#### We can also act sustainably!

The W-KLT®2.0, Würth small load carrier 2.0, is available as a sustainable Kanban bin in all common sizes according to VDA standard (2115, 3215, 4315, 4115). This bio-bin consists of about 30 percent of the bio-based content S<sup>2</sup>PC (Sustainable Sunflower Plastic Compound). The ecological components of the granulate are extracted by sunflower seed hulls which are a waste product from the food industry. We use that product reasonably and thus reduce the carbon footprint in production.





#### W-KLT®2.0 - Würth small load carrier 2.0

This bin is especially suitable for the clear storage of C-Parts and helps to optimize your processes to achieve maximum efficiency. You need up to 50 % less rack and floor space. The bin impresses with its unobstructed access by means of a front flap without crossbar and is compatible with the RFID and iBin technology. Available in four sizes according to the VDA standard (W-KLT®2.0 2115, 3215, 4115, 4315).

**The XXL W-KLT®2.0 6429 bin** is compatible with the existing W-KLT®2.0 and particularly suitable for large-volume items with a maximum payload of 23.5 kg thanks to the large, continuous side flap. The items can be placed in upright position inside the bin and filling in stacked condition is possible using the side flap.



#### **ARE YOU UP-TO-DATE?**

#### Complete overview of all plants and storage locations

Central control within the C-Parts management is the online platform WIS portal in which the bin movements are analyzed and documented in real time. This allows the customer to check the status of their own system on their screen with their mobile device (tablet or smartphone) at any time and anywhere. This ensures highest possible transparency for the processes between the customer and the supplier. Especially for customers, the new platform offers a future-oriented solution to benefit from all advantages of both the traditional and the RFID Kanban system and apply data in an intelligent way. This new system developed in-house was successfully tested in industrial enterprises for several months and is implemented at customers' sites throughout Europe. Currently, the entire platform is available in German and English; the implementation of further European languages is planned for the next expansion stages.

#### **Complete transparency in C-Parts management**

The WIS portal allows the customers to see all logistics processes of the Kanban system at any time. Essential information, such as the filling status of bins, upcoming filling dates or the exact location of specific C-Parts within production can be easily retrieved. Ordering processes, such as drop shipments via third-party suppliers, are clearly displayed. A comprehensive track-and-trace function, importing relevant bin information automatically into the portal, provides full traceability: where is the bin; when is it filled or delivered; what about the advance planning? To clearly mark the bin's status and location, the new portal uses an intelligent color concept. Thanks to a multi-level authorization system, the WIS portal always shows exactly the information and functions relevant for the respective user. The system can also be used to define ordering and invoicing procedures and/or the production-related data management for the respective target group.

#### Your advantages of the Kanban information platform:

- transparent information system for all Kanban bin movements
- complete overview of all plants and storage locations
- track-and-trace function provides information on filling date and items to be refilled
- status request on the screen and mobile terminal possible
- multi-level authorization concept for your employees
- six language versions for international production sites available in the future
- detailed analysis functions (consumption quantity, turnover rate of certain articles)
- availability of material and test certificates



## YOU CAN KEEP THE OVERVIEW WITH OUR WIS PORTAL

#### Review and analysis

The WIS portal offers comprehensive analysis functions to identify optimization potential regarding the demand and consumption of C-Parts. For this purpose, the software records all bin and item data and creates descriptive diagrams of the respective consumption volumes. The user can also quickly view the turnover rate of the articles. Thus, industrial customers can keep an eye on possible fluctuations in demand at any time and react to unexpected bottlenecks in good time; for instance, bins can be shipped from other storage places to the place where they are needed. Furthermore, Würth Industrie Service offers the possibility to install an alert function in the system: as soon as stock drops below a critical quantity, the portal will send a warning message or, upon request, even place an order. State-of-the-art RFID Kanban systems are used for this purpose. For example, by transmitting data via radio frequency, the iSHELF®, an intelligent shelf, reports the demand as soon as an empty bin is placed on the shelf. The WIS portal provides all information on all terminals. This ensures maximum supply security in the field of C-Parts.



# DIGITAL. REAL. TRANSPARENT.





## iBIN® – THE FIRST INTELLIGENT KANBAN BIN

PILOT/STUDY

#### C-Parts supply in real time using the image format

iBin<sup>®</sup> is an optical ordering system which revolutionizes the entire materials management in a sustainable way. iBin<sup>®</sup> means that a module with a camera is installed inside the small parts bin which takes a picture when the bin is delivered and records this filling level with 100 percent. As soon as the production worker takes off parts, the intelligent module measures and calculates the remaining quantity in percent. The module then triggers the order without manual intervention.

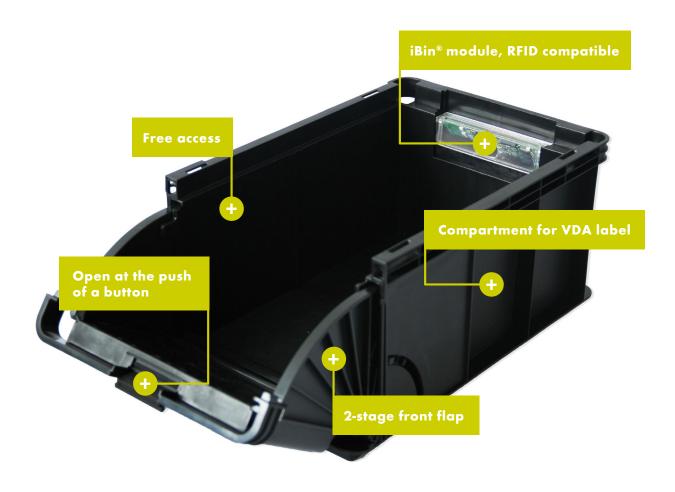
In this way, the quantity, number and ordering information for the item can be obtained at bin level and is then transmitted to the ERP system automatically. Therefore, not only is it possible to ensure just-in-time delivery of small parts for production on requirement-driven basis, but C-Parts can be supplied in real time using an image format.

#### Benefit from these advantages:

- less rack and floor space required in your production facility
- consumption-related, individual and accurate planning allows optimal warehouse utilization and further reduction of inventory with less capital commitment
- seamless and easy integration into your existing systems
- wireless system: simple setup without changing your processes or converting your rack systems and infrastructure
- fully transparent consumption patterns through continuous inventory information
- maximum transparency of your bin content
- regular visual inspection via counting function
- accurate triggering for C-Parts replenishment as soons as a defined residual quantity is reached
- fully automated inventory count at the push of a button at any time
- monitoring of A/B-parts, handling of third-party parts and integration of other suppliers possible



#### WHAT TECHNOLOGY CAN DO.



#### **Optical system**

with integrated camera for central, multi-stage image recognition



Processor for data processing, transfer and analysis

ensures the intelligence of the bin and collects useful consumption statistics

Wireless, independent system with RFID technology



## NETWORKING SYSTEMS iDISPLAY & iRACKDISPLAY

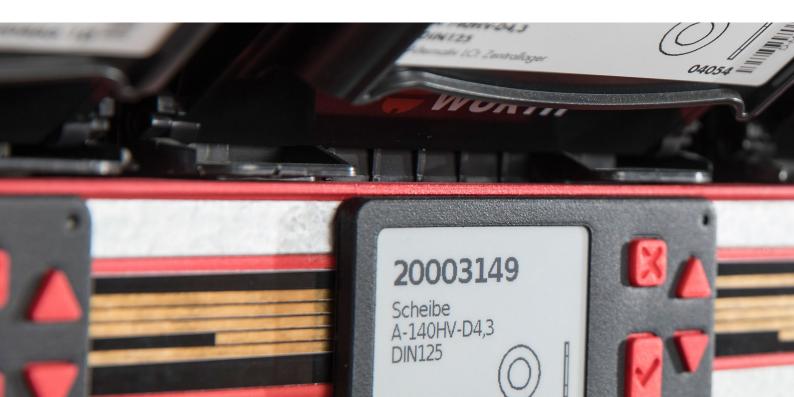
PILOT/STUDY

#### A study by Würth Industrie Service

In cooperation with the Fraunhofer Institute, Institute for Material Flow and Logistics IML, the iDISPLAY and the CPS®MOBILE app were developed as part of the "Enterprise Lab". Digitization becomes reality at the storage place in production by the prototypes iDISPLAY, a multi-functional shelf label, and iRackDisplay, a digital shelf label. A shelf label hitherto printed can be replaced by the new iDISPLAY in the future which works independently at the storage place. Using the iDISPLAY, manufacturing companies will in future be able to interact quickly and directly at the storage location and immediately trigger various processes within their value chain. For example, it is possible to place orders directly at the iDISPLAY. In addition, irregularities can be reported directly and by means of batch tracking all affected items are marked as blocked directly on the iDISPLAY. Manual intervention is not necessary.

#### How does networking of virtuality and reality work?

When attached to the Kanban shelf, the iDISPLAY recognizes its position and transmits this information to the ERP system of Würth Industrie Service. CPS®MOBILE provides an additional management system, ensures transparent exchange of data and information and gives information on the location and status of the bin. For the first time, it is not only possible to switch from the digital to the real world, but also to communicate from the real to the digital world. This ensures absolute transparency! From the desktop, tablet or smartphone. Mobile communication from any place in the world at any time.





## TRANSPARENT SHELF SPACE MANAGEMENT

#### You want to know which item is stored at a certain place?

With the bin and article information on the iDISPLAY you always know whether they are in the right place or receive information at which other storage locations the item can also be found.

#### You are searching one or several items?

Using the CPS®MOBILE app, you can select the required product or create a picking list. As there is a pick-by-light function integrated, the LEDs on the iDISPLAY are then illuminated. This allows you to optimize your walking distances and almost excludes incorrect picking.

#### Safety even in case of an error?

You can report an error (wrong delivery) directly via an interaction on the iDISPLAY. Batch tracking ensures that all affected items are marked as blocked directly on the iDISPLAY.

#### You need additional supply at peak times?

You can directly place an order using the iDISPLAY or CPS® MOBILE. You can see the delivery date on the app or the iDISPLAY.



## 



#### **HOW CAN WE HELP YOU?**

We will be happy to provide	you with advice and practical support and inform you in a personal meeting about CPS®RFID
Please contact us. We look	forward to hearing from you!
If you have any questions, v	ve will be glad to answer them:
Name	
-	
Division/department	
Telephone number	
E-mail address	





#### **Radio Frequency IDentification**

Würth Industrie Service GmbH & Co. KG Industriepark Würth, Drillberg 97980 Bad Mergentheim, Germany T+49 7931 91-0 F+49 7931 91-4000

www.wuerth-industrie.com

info@wuerth-industrie.com

© by Würth Industrie Service GmbH & Co. KG Printed in Germany. All rights reserved.

Responsible for the content: T. Boss/MDS2 Editor: T. Boss/MDS2 Design: D. Rudroff/MW

Reproduction, in whole or in part, prohibited without prior permission. Printed on environmentally friendly paper. MW - FA - DR - 2,500 - 12/21 - DBRO610002

We reserve the right to make product alterations which, in our view, improve quality at any time and the appearance of supplied goods may vary. We reserve the right to make errors. We do not accept any liability for printing errors. Our general terms of business apply.