

### How does CPS®RFID work?

- CPS®RFID stands for radio controlled data transfer
- RFID transponder includes the RFID-tag = data carrier



### Advantages of CPS®RFID

- Precise (goods) flow control
- Transparent communication
- Eliminates manual collection of data
- Time savings using bulk readings
- Complete lot tracing possible
- Improved warehouse and inventory management
- Better goods availability – reduction of out-of-stocks
- Identification of usage highs and lows
- Reduction of human errors
- Low maintenance
- Includes emergency plan (CPS® 24/7)

### CPS®RFID and E-KLT®

Take advantage of the combination of our two innovations for optimized supply processes!

Combine our W-KLT®2.0 bin system with a RFID-tag (changeable tag with included chip) to optimize your company process for a faster data flow and for an automatic refilling of your C-parts-stockage.

### Advantages of E-KLT®

- Free and optimized access area through wide front flap without cross web
- 2-stage front flap for comfortable removal
- Safe indicator function (flap open = bin in use)
- Up to 50 % shelf space savings and fewer racks needed
- Up to 50 % less pollution of the articles
- Combinable with innovative RFID technology
- Four sizes complying with the VDA-standard
- With device for VDA folding labels (from size 3215)



More information about CPS®RFID you find under:

www.wuerth-industrie.com / C-Parts Solutions / Kanban – keyword: RFID Kanban

## CPS®RFID Radio Frequency IDentification

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Würth Industry of Canada Ltd.

# CPS®RFID

## Radio Frequency IDentification

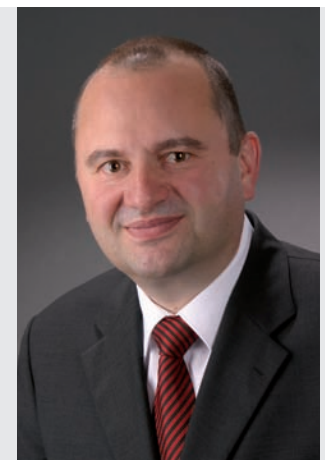


# NEW!

**PROCESS  
OPTIMIZATION  
THROUGH  
WÜRTH CPS®RFID  
INNOVATIONS**

„We sell security and offer every customer an individual supply concept at C-Parts Management. Speak with your Sales Representative and/or Key Account Manager about the possibilities to optimize and automatize your buying process in your logistic with the aid of our diverse CPS®RFID-Modules.“

Rainer Bürkert, Member of the Board of the Würth-Group and General Manager of the Würth Industrie Service GmbH & Co. KG



### Benefit from the core competences of the Würth Industry of Canada!

Through our product range with over 1 billion articles and standardized – but for every customer individual – C-Parts Solutions (CPS®), we represent the perfect partner for C-Parts all over the world. Use our modular logistic-concepts to save product-, human- and activity costs.

### We offer modular C-Parts Solutions in every sector!

- DIN and standard parts
- Special parts
- Drawing parts
- Assemblies and assortments
- Personal protection
- Hazardous Materials Management
- Hand, pneumatic and electrical tools

### The securities of the Würth Industry of Canada for your business:

- **Competence** in C-Parts Management
- More than **1,000,000 articles** in the product range
- Modular **C-Parts Solutions**
- **CPS®RFID** know-how
- On-site **support**
- **Internationality** in 84 countries



■ Countries, where **WÜRTH** is located

# CPS®RFID – STANDARDIZED. INDIVIDUAL.

## Standardized CPS®RFID-Modules – but individual.

The Würth Industry of Canada offers for each customer requirement the appropriate, individual supply concept with a maximum of process security, quality security and security of supply. With: Kanban-delivery "Just-in-time" over/via support of scanner shelf systems and E-Commerce-Connection to the central warehouse up to the hazardous materials management are all modules are combinable.

Which of the following standardized system modules by CPS®RFID is the best one for your company?



### iShelf

Putting an empty bin on the intelligent shelf

- Several racks can be operated by one iShelf
- No additional space demand/requirement – completely without electricity



### iPush

By pushing a button on the RFID-tag the order will be transferred.

- Without cables, peaceable everywhere, pushed = ordered
- Ideal for pallet Kanban



### iDropbox

Putting the Kanban cards in the intelligent dropbox

- Process integrated and simple data transfer and order transfer
- Ideal for pallet Kanban



### iBox

Putting the empty bins in the intelligent pallet box

- Process integrated and simple data transfer and order transfer
- The pallet holds up to 100 bins (size 3215)



### iBoxFlex

Putting the empty bins and the Kanban cards in the intelligent pallet box with drawer front

- Process integrated and simple data transfer and order transfer
- A separate iDropbox is not required

# CPS®RFID – FAST, FLEXIBLE,

## The CPS®RFID-Process



Entrust Würth Industry of Canada with your inventory management and obtain free resources for your core competences. That easy works CPS®RFID!

**ARRANGED.**

**ORDERED.**

**REFILLED.**

**DELIVERED.**



Data transfer by immediate order transferring

**ARRANGED.**



Despatch of the cleaned and refilled bins

**DELIVERED.**



Collection and return of empty bins

100% control of goods out, incl. camera control

"We as Bystronic Laser AG" offer our business partner innovation, security, continuity and transparency. Four keywords which fit with the Kanban system with CPS®RFID: innovative by the intelligent RFID tag, safe by recognition of swaying demands in real time, continuity by latest technologies for C-Parts delivering and transparency of all bin-moving's. For us an optimal solution for the C-Part-management.

Horst Kaucic, Bystronic Laser AG  
Head of Purchasing, Member of Group Management

# INNOVATIVE, INTELLIGENT.

<b>CUSTOMER</b>		<b>WÜRTH</b>
	D-MGH-2659692	
<b>Customer Pre-assembly</b>		<b>0057 10 20</b>
1234567 12.12.2013	<b>Lot: 5647894564</b>	<b>600</b>
<b>1000048</b>		<b>E-KLT 3215</b>
<b>Hex. screw</b>		
<b>8.8-SW17-(A2K)-M10x20</b>		<b>0057 10 20</b>
<b>DIN 933</b>		

**INNOVATIVE.**

**INTELLIGENT.**

**INDIVIDUAL.**



Würth receives data by KMS/SAP

**ORDERED.**



Refilling and tagging of the bins

**REFILLED.**

# INDIVIDUAL. STANDARDIZED. – CPS®RFID

## Individual CPS®RFID modules – but standardized.

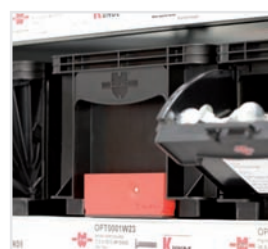
Würth Industry of Canada has a full range of products and is your competent logistic supplier for C-Parts. Individual logistic solutions standardized by us for your optimal production supply.

Discover the new world of C-Parts supply with CPS®RFID, which stands for even faster and automated processes and offers numerous advantages for you.

**iTurn**

The order is transferred by turning the empty bins and putting the turned bin on a magnet stripe.

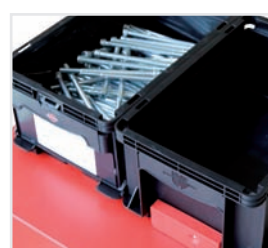
Without cables, based on bins, turned = ordered



**iRotate**

The order is transferred by turning the empty bins – in this way the RFID tag set off the data transfer. Ideal for carousel storage.

Without cables, based on bins, turned = ordered



**iWeight**

By undercutting of a minimum weight of the bin in shelf the data transfer starts and the order will be set off. Without cables, based on shelves, undercutting of a minimum weight = automatically ordered



**iSkid**

By undercutting of a minimum weight of a pallet the data transfer starts automatically and the order will be set off.

Without cables, fix pallet storing position, minimum weight = automatically ordered

