

CPS[®] KANBAN

YOUR C-PARTS SOLUTIONS

An Ideal Inventory and Replenishment System



INNOVATIVE

CONTINUOUS
IMPROVEMENT

FLEXIBLE iBox

RFID

TECHNOLOGY

INTELLIGENT

LEAN MANAGEMENT

EFFICIENCY **W-KLT[®]**

SECURITY

SIMPLICITY KANBAN

OUR PRODUCT RANGE

MORE THAN 1,000,000 PRODUCTS...

Wuerth Industrial Services Malaysia is fully integrated in to the worldwide IT system of the Wuerth Group. Therefore we have access to the complete product range of Wuerth in Germany. The broad range of products and our logistic solutions ensure that Wuerth is your best supplier for C-Parts.

In addition to our standard product range, we provide special and customer-specific drawing elements in our Kanban solutions.

FASTENERS - OUR ROOTS AND OUR PASSION



DIN & Standard Parts



Thread Inserts



Rivets



Securing Elements



Small Electrical Parts



Plugs & Cover Caps



Joints & Gaskets



Cable Clamps



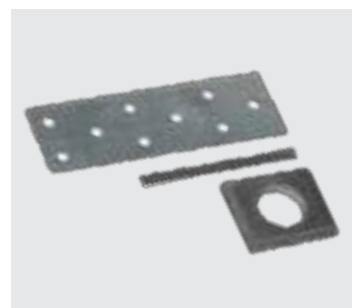
Drawing Parts



Assortments Kits



Fittings



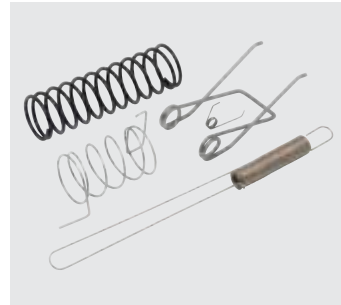
Stamping Parts



Pipe Installation



Hydraulic & Pneumatic Connectors



Tongues



Your Special Parts

NOT JUST BOLTS AND NUTS



Hand Tools



Electric & Pneumatic Tools



Chemical Technical Products



Function Additives



Workshop Equipment



Personal Protective Equipmente



Lubricants



Cutting & Grinding Tools



Automotive Parts



Bulb & Wipers



ORSY System



Vehicle Interior Equipment & Accessories

C-PARTS: SMALL PARTS. BIG EFFORT!

DEFINITION OF C-PARTS:

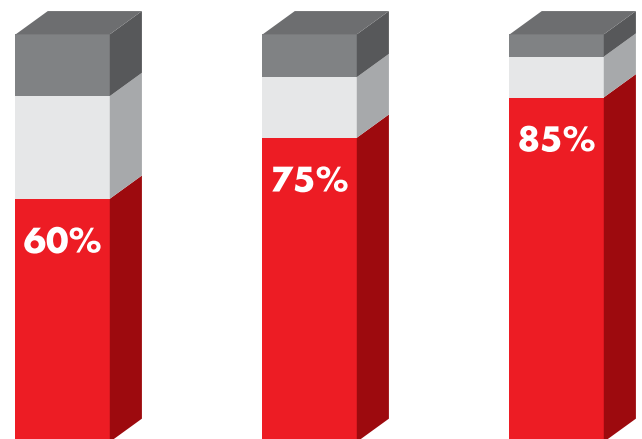
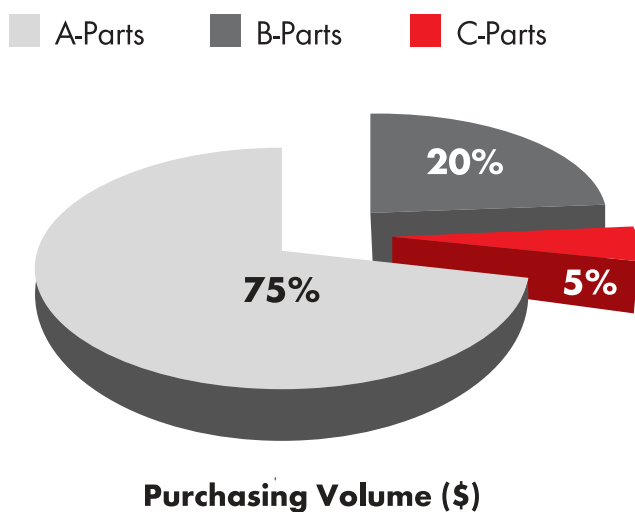


It goes without saying that screws, nuts and washers are not the most important components of an industrial system or machine. However, without a doubt, these small components, i.e. C-Parts, are essential for the ultimate product.

- Parts with secondary importance for the end product.
- Relatively high procurement costs compared to the value of the goods.
- Availability in a very wide and complex varieties.
- Calculated as part of material overhead costs.
- Parts that usually handled in bulk

TRUE COST OF C-PARTS

Although the purchasing volume of these C-Parts is very low, the procurement costs are very high. During boom times with high levels of demand, handling repeat orders and coordinating these items for industrial manufacturing companies can be almost overwhelming.



WHY C-PARTS SOLUTIONS?

CPS® ARE PROCESS MANAGEMENT CONCEPT FOR

- Procuring the complete range of C-Parts items.
- Creating customer-individual supply and service concepts.
- Pooling your C-Part suppliers.
- Simplification of your processes, greater transparency throughout the supply chain and maximum supply security
- Bringing significant and quantifiable savings to our customers in production, material flow and purchasing.



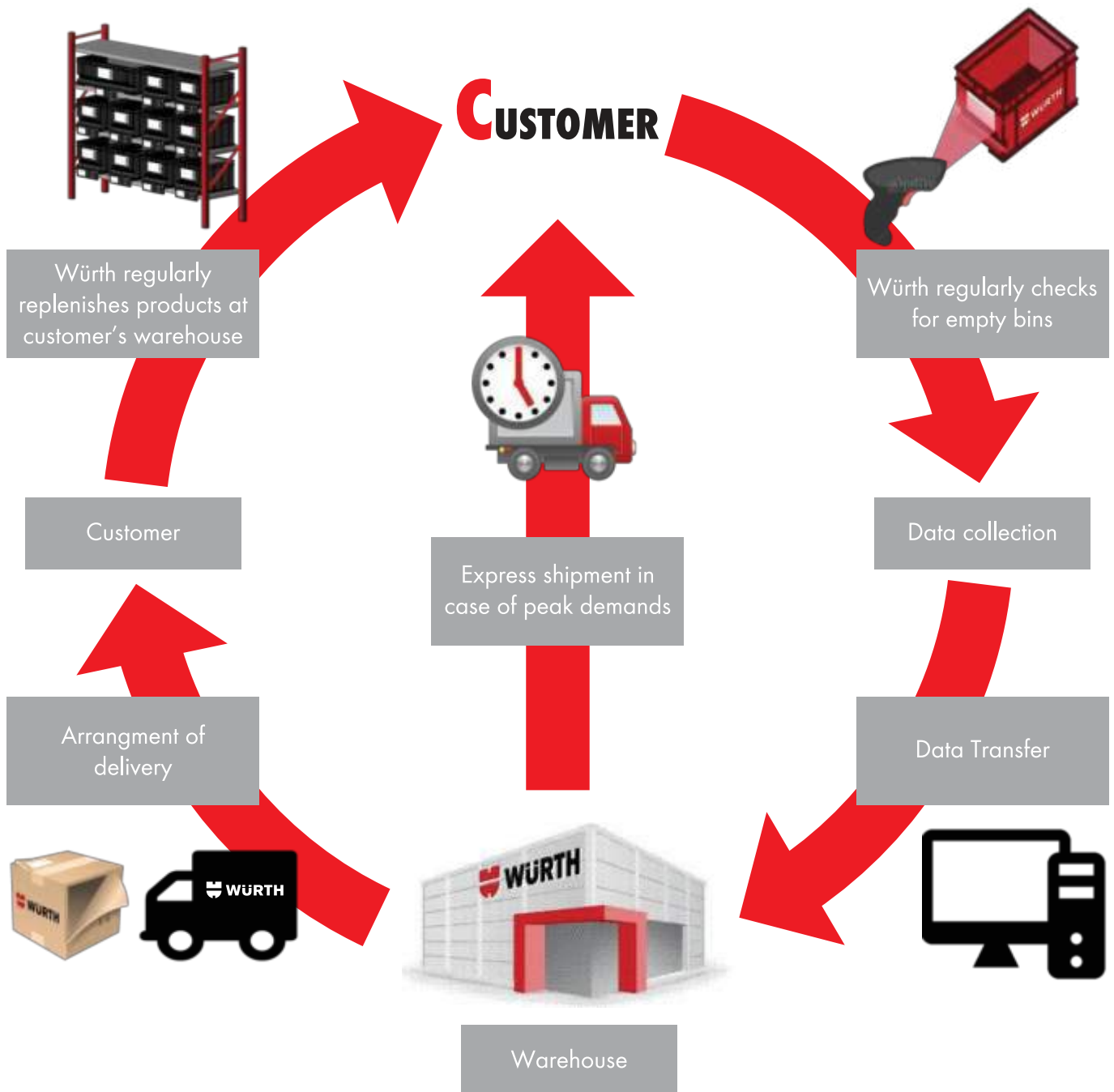
YOUR BENEFITS

We will whip your productivity and cost efficiency into shape!

- Guaranteed safety stock
- Inventory Reduction
- Reduction of internal efforts
- Reduction of procurement costs
- Cost optimization
- Standardization
- Reduction of suppliers
- Focus on your core competence

CPS®KANBAN

The basis of the Kanban system is simple. It is a rolling two-bin system that provides C-Parts "just-in-time" - directly to the point of use. The highly flexible CPS®Kanban system demonstrates great potential for adjustment if requirements change, maximum delivery and supply security at reduced inventory levels and minimal capital commitment.



MAXIMUM SUPPLY SECURITY

Customised Barcode Label

By scanning the bins' barcodes, data is transmitted automatically and we achieve a maximum speed of order processing.

- Bin size / filling quantity / storage location
- Batch traceability
- Customer article number in large print
- Use of bin labels for labelling shelves

Bin label

Item description → Screw, Hexagon, Full thread
Steel 8.8, Zinc plated
DIN 933

Wuerth P/N → 005710 35

Bin size → KLT 4315

Customer P/N → 7663668-000-00

Bin barcode →

Customer: WÜRTH

Dimensions: M10 x 35

Drawing: [Technical drawing of a screw]

Bin filling quantity: 800

Wuerth Shelf System

Less space and shelves are necessary with the new Wuerth shelving-system offering

- Optimum use space
- Well-arranged and clean storage
- Bins and shelves are labeled
- Shelf planning and design handled by Wuerth



Wuerth Kanban Bin

The new patented W-KLT® allows for the best possible use of your warehouse space

W-KLT® is available in 4 sizes:

Type	Dimension (width x depth x height)	Volume	Weight
WKLT02115	200x150x50mm	3.2 Liter	0.337 kg
WKLT03215	300x200x50mm	5.3 Liter	0.740 kg
WKLT04115	400x150x50mm	5.3 Liter	0.700 kg
WKLT04315	400x300x50mm	10.0 Liter	1.240 kg

Free up to **50%** of your floor space

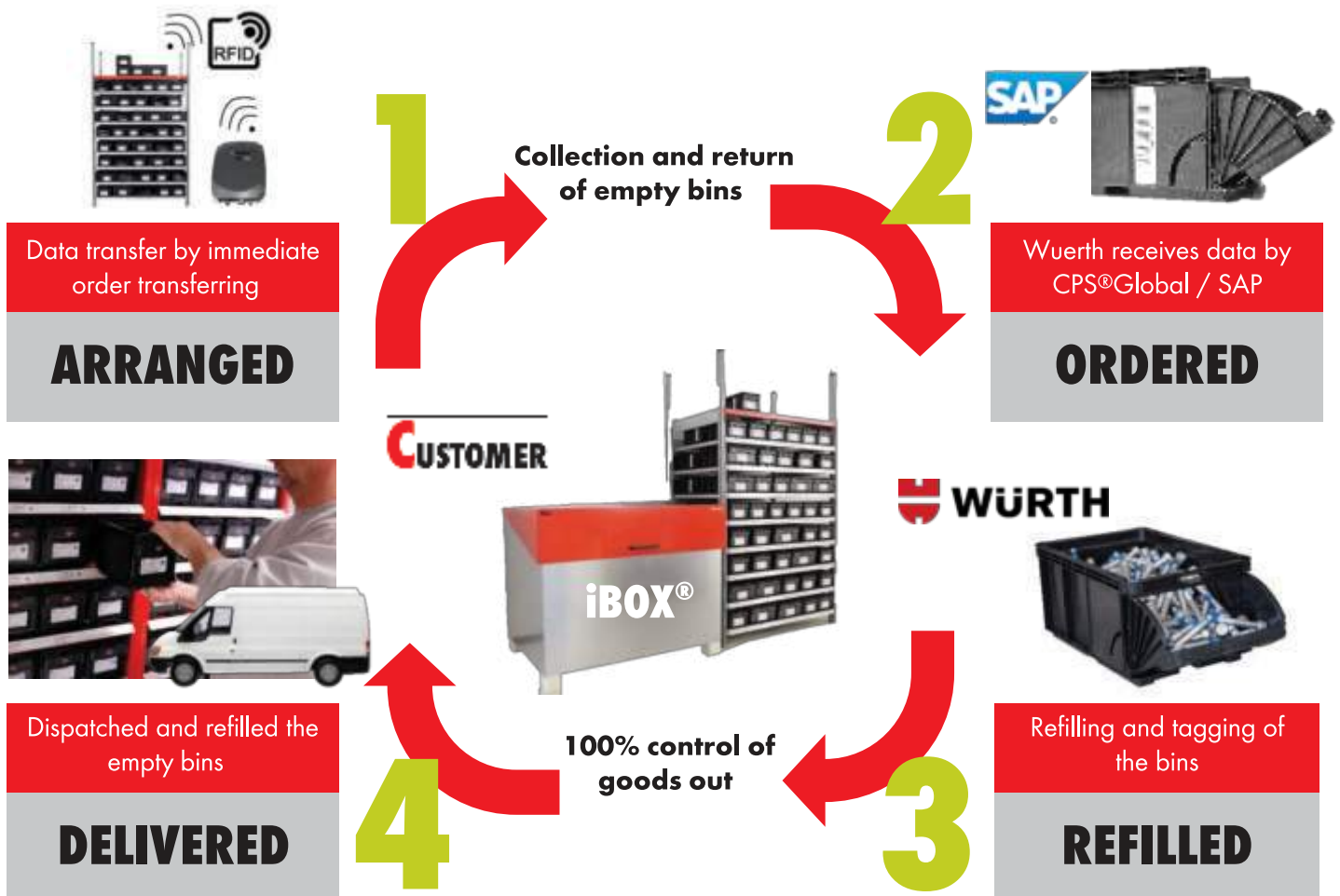


Products are kept up to **80%** cleaner!

Up to **50%** less shelf space required

CPS®RFID

FAST, FLEXIBLE, INNOVATIVE, INTELLIGENT.



ADVANTAGES OF CPS®RFID

Radio Frequency Identification

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

ALWAYS ONE STEP AHEAD

Maximum dependability for C-parts supply via **RFID technology**

HOW DOES CPS®RFID WORK?

A radio-controlled transmission of article and container data within a Kanban system directly from customer's production line to the Wuerth central warehouse.

Transponder with antenna (RFID tag)



The basis for every data transmission in real time is the CPS®RFID label with integrated RFID tag (data medium), which reliably stores all necessary data such as

- Container type
- Article number
- Item description
- Filling Quantity

CPS®iBOX

The CPS®iBox is an intelligent box that is placed on a separate space near the Kanban rack. As soon as the empty containers are placed into the pallet box, the box transmits the data via RFID to Wuerth central warehouse.



Easy to handle: place your empty bin in the box and your part is ordered!

- Excellent storage capacity, stores up to 100 KLT-bins
- We just need one power supply
- Integrate in our Kanban rack system
- Storage location can be changed at any time
- Maintenance and service by Wuerth Industrial Services

OUR ADITIONAL SOLUTIONS

CPS®ASSEMBLY (Pre-assembled components)

- Optimize production process and minimize logistics cost
- Improved production - with all of the needed parts in one assembly location
- Simplified ordering and invoice tracking - one assembly item number versus multiple part numbers to accomplish the same goal, and only one invoice to track



CPS®KIT (Assortments)

- Pre-approved parts inspection - kits are created according to your specifications and needs
- Reduce waste - decrease your packaging and waste disposal costs.
- Price stability - kitting parts are generally pre-ordered to meet cost expectations future production demand



CPS®CAD

- High quality CAD data which can be used in any CAD system
- Over 35,000 different **DIN and standard parts** available online
- Continual part updates, time savings during construction and design



E-Procurement

Our customer can also have their ERP system communicate directly with ours by using **Electronic Data Interchange (EDI)** or connect to our shop via **Open Catalogue Interface (OCI)**

- Increased process reliability
- Reduced probability of error
- No double entry and time saving



WHY WUERTH?



C-Parts with Certainty

With this brand promise we would like to give our customers the certainty that you will have ...

- the **right** product,
- at the **right** time,
- in the **right** place,
- in the **right** quantity,
- in the **right** quality and
- at the **right** price, ready to use.



Product Range. Tailored to the Industry.

C-Parts without limits - an extensive range with more than a million items:-

- DIN/ISO and standard parts, fasteners and fixing elements
- Special parts designed as per drawings or manufacturer specific special parts
- MRO material or PPE items
- Hand tools, assemblies and/or kits etc



Innovative Supply Systems

- **Innovations based on customer needs** we are always developing new innovations - from the bin to the entire supply system - that sustainably develop the procurement environment
- **RFID Kanban** the most innovative RFID technology on the market makes your processes more secure than conventional Kanban systems like iBOX®(intelligent bin box), iSHELF® (intelligent shelving), ORSY®mat vending machine and others



Internationality. Networked Worldwide.

- **WINWORK® - the Würth Industrial NetWORK**
- More than 56 companies operate together in 40 countries.
- We advise you nationwide and personally at all **points of contact**.
- Transmit all key information quickly and smoothly.
- Integrate and implement C-Parts solutions seamlessly into your (inter)national production line(s).

CPS[®] KANBAN

YOUR C-PARTS SOLUTIONS

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