

A complex network diagram with numerous nodes and connecting lines, overlaid on a dark background. The nodes are represented by various icons: a computer monitor, a smartphone, a mail envelope, a bar chart, and a person. Some nodes are highlighted with bright white light. Numerical labels are placed near some nodes: '23043' near a monitor, '11721' near a smartphone, '23089' near a bright node, and '19631' near another node. The overall theme is digital connectivity and data exchange.

Data exchange workflow

# ***DATA EXCHANGE WORKFLOW***

**Practical example logistics**

# REGARDING DATA EXCHANGE WE ARE OFTEN ASKED...

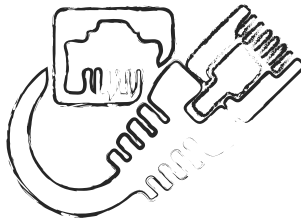
- How do I get my data?
- What kind of data will I be provided with?
- Who generates data?
- Where is data generated or transferred?
- When will I receive my data?



## THE DATA CONNECTION

### 1. DATA CONNECTION OPTIONS

- A:** Direct connection to system
- B:** Data transfer by e-mail in Excel or CSV format
- C:** Online mapping of the data via „ITC-Weborder“



## RECEIPT OF GOODS

### 2.1 NON-PHYSICAL GOODS RECEIPT BY CUSTOMER

- A:** Through data transmission via interface
- B:** Through written notification of the planned goods receipts

*A written confirmation is sent via e-mail in Excel/CSV or the format of your choice.*

## 2.2 DATA ENTRY OF PHYSICAL GOODS RECEIPT

- Order data is transferred to the warehouse management and ITC inventory management system
- Entry of the item, depending on the goods including batch no. and best before date
- Plausibility check
- Notification of target and actual stock via interface

## 2.3 TAKING IN CHARGE OF GOODS INCL. LABELING AND STORAGE

- Taking in charge of goods is controlled by the process of labeling and scanning via the wireless terminal.
- The goods are stored with the help of the forklift guidance system, which is integrated in the WOS system. The wireless terminal guides the forklift driver to the storage bin or withdrawal point.

## 2.4 INVENTORY MANAGEMENT

- Automatically updated, as storage and withdrawal are always done via a scanner.



## 2.5 WAREHOUSE VISUALIZATION

- Visualization of the entire warehouse, incl. equipment storage locations



## THE ORDER

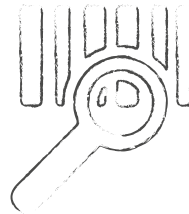
### 3. OPTIONS FOR PLACING YOUR ORDER

- A: Via the interface
- B: Manually/In writing
- C: Via ITC Weborder

# GOODS DISPATCH

## 4.1 DATA FLOW DURING ORDER PICKING

- Picking order is automatically generated via wireless terminal and accounts for the batches etc. selected in the MMS.
- The system sorts orders by availability, priorities, and shipping type.
- Orders are grouped into order picking packages according to their delivery date and the departure times for the various delivery areas.
- After goods receipt, all order data is immediately transmitted to the forklift driver, who recognizes the orders via the wireless terminal and takes them to the picking station.
- With each completed replenishment order, the system checks whether one or more picking orders can be completed and which goods must be fetched next.



## 4.2 PLAUSIBILITY CHECK (PICKER CONFIRMS WITH SCAN)

1. The correct withdrawal point
2. Withdrawal of the correct item
3. Withdrawal of the correct quantity

## 4.3 STATUS UPDATE AFTER PICKING HAS BEEN COMPLETED

**A:** Via interface   **B:** In writing by mail

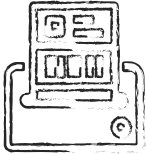
**Content:** • Items • Quantities and batches • Quantity boxes/pallets

# SHIPPING

## 5.1 TRANSMISSION OF THE DELIVERY NOTE

**A:** Via interface **B:** In writing by e-mail

- Precise list of all the items on the customer's order
- List of order items with pallet assignment
- Optional shipping to the recipient

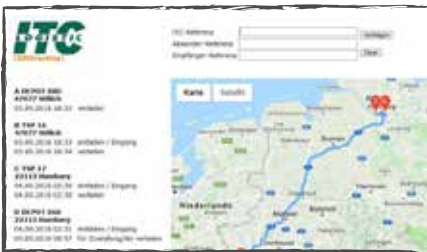


## 5.2 SHIPPING LABEL

- Delivery note and shipping label are printed automatically
- Automated update is sent to customer

## 5.3 SHIPMENT HANDOVER

- Transfer of goods issues from the ITC Merchandise Management System to the ITC Warehouse Operation System via interface
- Data is available to all haulage systems.



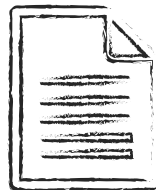
## 5.4 DISPATCH NOTIFICATION INCLUDING TRACKING LINK

- Via e-mail
- Upon request sent directly to recipient
- Visual tracking, incl. transshipment points and anomaly reports

## THE REPORT

### 6.1 TRANSMISSION

**A:** Automatic **B:** Upon request



### 6.2 MOVEMENT AND PERFORMANCE REPORT

- History of all items through updated item movements (inbound / outbound)
- Summary of specified time period



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