

B2B Interface Description

Materials Control

Import Delivery Note



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Date: November 18th 2003

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Table of Contents

1. REMARK	4
2. GENERAL	4
2.1 FILE CONVENTIONS	4
2.2 FILE AND RECORD STRUCTURE	5
FIELD PROPERTIES.....	5
DATA TYPE.....	5
3. DELIVERY NOTE	5
4. FILE TRANSFER	7

1. Remark

The format below does not describe a standard export of delivery note files. We discovered that there is not unique standard for this purpose. This format was developed based on our experiences to enable a simple and „easy-to-implement“ data exchange.

But it is still our intension to use a format which is independent from specific suppliers or systems.

2. General

The import of articles and prices will be done trough file import:

- The file contains a unique number for supplier identification
- The file can contain an unlimited number of records. It is necessary that every record can be identified by an article number or packing unit

2.1 FILE CONVENTIONS

The following conventions will be used for the preparation of the file:

- 1) The file will be defined as ASCII text file (Microsoft-CSV-Datei)
- 2) Records will be separated with CR+LF or ASCII-Code 13 and 10
- 3) Fields will be separated with semicolon (;)
- 4) Decimal separator will be the comma (,)
- 5) Thousand separator (.) is not required
- 6) Dates will be displayed in the following format: yyyyymmdd = 4 digits for the year, 2 digits for the months, 2 digits for the day
- 7) Time values will be displayed in the format hh:mm:ss = 2 digits for the hours (0-23), 2 digits for the minutes (0-59), 2 digits for the seconds (0-59)
- 8) Text will have quotation marks at the beginning and the end. Inside the text quotation marks are not allowed.
- 9) The field length is always the maximum and does not need to be filled up with spaces.
- 10) If no information exists the empty field remains empty in the record (E.g.: empty field between Milk and Ltr: „Milk“;„Ltr“).

2.2 FILE AND RECORD STRUCTURE

We will use a table view for the description of the record structure. Every element will be shown in a separate line, every line contains 6 columns:

- **Pos** – sequential number defines the position of the field in the record
- **Description** – describes the element
- **M / O** – Field properties (pls. see description below)
- **Data type** – Definition of the type of the field (pls. see description below)
- **Explanation** – Detailed description of the content
- **Example** – sample data

FIELD PROPERTIES

- M ... mandatory; this field MUST contain data
- O ... optional; this field can be filled and enables additional functionality.

DATA TYPE

- STRING, xx ... Text field with a maximum length of xx, all text fields will be embedded in quotation marks. The text can not contain quotation marks
- NUMBER ... numeric field; negative numbers will have a leading minus (E.g.: -3)
- DATE ... Date Field; yyyyymmdd = 4 digit year, 2 digit month, 2 digit day
- TIME ... Time field: hh:mm = hour, minute

3. Delivery Note

Pos	Description	M/O	Type	Explanation	Example
Supplier					
1	Sender	M	NUMBER	Sender	
2	Supplier No.	M	NUMBER	Supplier Identification Number	
3	Supplier name	O	STRING, 60	Supplier Name	
Customer					
4	Customer No.	M	NUMBER	Customer number – Delivery Location Number, as defined per Supplier	
Delivery Note					
5	Delivery Note	M	STRING, 20	Delivery Note Number	
6	Date	M	DATE	Delivery Date	
Article					
7	Pos.	M	NUMBER	Item position in Delivery Note	
8	Reference No.	O	STRING, 20	Reference to Purchase Order (PO No.)	
9	Article No. Ordered	O	STRING, 20	Ordered Article Number	
10	Article No. Delivered	M	STRING, 20	Delivered Article Number	
11	Barcode of Order Unit	O	STRING; 20	Barcode of Order Unit	
12	Barcode of Base Order Quantity Unit	O	STRING; 20	Barcode of Base Order Quantity Unit	
13	QTY Ordered	O	NUMBER	Ordered Quantity in Order Units	
14	QTY Delivered	M	NUMBER	Delivered Quantity in Order Units	

15	QTY Delivered/BU	O	NUMBER	Delivered Quantity in Base Units	
16	Weight	O	NUMBER	Weight (for Weight Articles)	
17	Sign	O	NUMBER	Type of delivery (1=Credit Note; otherwise 0)	
18	Order Unit	M	STRING, 60	Name of the order unit	Case
19	Order Unit Info	O	STRING, 60	Additional information regarding Order Unit	Case à 12 1/1 Can
20	Base Order Quantity Unit	O	STRING, 60	Unit name contained in Order Unit	Dose
21	QTY/Base Order Quantity Units	M	NUMBER	Quantity of contained units within Order Unit	12
22	Weight Article	M	NUMBER	1 = Article is weight article; otherwise 0	0
23	Order in Base Order Quantity Units	M	NUMBER	1 = Order in Base Order Quantity Units possible; otherwise 0	1
24	Daily Price	O	NUMBER	1 = Daily Price; otherwise 0	0
25	Price/Order Unit	M	NUMBER	In general price refers to Order Unit. Otherwise use Price Calculation Factor	100
26	Price/Base Order Quantity Unit	O	NUMBER	Price per Base Order Quantity Unit	12
27	Price Calculation Factor	O	NUMBER	Use this field, if Price does not refers to Order Unit	1
28	Total	O	NUMBER	Total value	
29	Discount	O	NUMBER	Discount	0
30	Sales Price	O	NUMBER	Recommended Sales Price	
31	Currency	O	STRING, 3	Currency shortcut	EUR
32	VAT Code	O	NUMBER	VAT Identifier	
Additional Information					
33	Batch Number	O	STRING, 60	Batch Number (for Batch Processing Stores)	1A234
34	Expiry Date	O	DATE	Batch Expiry Date (mandatory if Batch Number used)	
35	HACCP Info	O	STRING, 254	Additional HACCP information	
36	Article	M	STRING, 60	Article name (incl. Field 37 up to 60 chars)	
37	Article Info	O	STRING, 60	Additional information about Article (incl. Field 36 up to 60 chars)	
38	Net Weight	O	NUMBER	Net weight	
39	Tare	O	NUMBER	Tare	
40	Base Unit (for Content and Net Weight)	O	STRING, 20	Base Unit for article	Each

41	Conversion Factor for BLS	O	Number	Factor per 100 gr	
42	Item Group	O	STRING, 60	Item Group of Article	
43	Major Group	O	STRING, 60	Major Group of Article	
44	Classification	O	STRING, 254	Assortment that Article belongs to	
45	Manufacturing Date	O	DATE	Date when article was produced (HACCP)	
46	Container	O	Number	1 = Container Item, 0 = no Container Item	

4. File Transfer

This can be done via FTP upload or email.