

Compano Online Software

FAB-DIS Export COS PIM

Version 1.2

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1 Introduction

This document describes how an export file, in *FAB-DIS format* can be generated in Compano Online Software (COS).

General knowledge of *FAB-DIS* is helpful with understanding which actions must be taken to ensure a valid export of data using COS.

More information on *FAB-DIS* can be found on their website: www.FAB-DIS.fr. An English-language FAQ and some tools are available. Detailed documentation, including an English-language user manual can be found in the Downloads area, however you will have to register a (free) account.

Note: Not all data fields/possibilities of the *FAB-DIS* format are covered by COS PIM. Mostly, this concerns optional and/or less relevant information. Please contact Compano Support if you need to export information that has not been implemented in **Compano's** *FAB-DIS* export.

1.1 Concepts

COS	Compano Online Software
PIM	Product Information Management system
FAB-DIS	FAB-DIS is the most advanced data exchange format in France. It is based on the BMEcat®-Standard and managed by ETIM International. FAB-DIS includes, as of version 2.1, a tab dedicated to ETIM data. Currently ¹ , COS exports FAB-DIS version 2.3.
ETIM	International standard for classification of product data for the construction and engineering sector. FAB-DIS will handle any ETIM version (7, 8, 9, etc.), except for ETIM Dynamic.
Entity	Data object in COS. For instance: Product, Item, Relation, Manufacturer, etc.

2 General Remarks

For data suppliers in France who manage their product information, the data exchange format of choice is often *FAB-DIS*.

2.1.1 FAB-DIS file

A *FAB-DIS* export from COS consists of a Excel-file with multiple Worksheets. Each worksheet represents a *FAB-DIS* data block:

- 00_CARTOUCHE; Identification data (Manufacturer, *FAB-DIS* version, data language, etc.)
- 01_COMMERCE; Basic Marketing and Commercial data (prices, taxes, discounts, etc.)
- 02_LOGISTIQUE; Description of packaging (dimensions, packaging, weight, etc.)
- 03_MEDIA; Offer optimization data (Attachments, some certificates and Commercial Texts).
- 04_REGLEMENTAIRE; Regulatory data (Certificates). Note: not yet implemented in COS.

¹ 9-2-2023

- 06_ETIM: Technical characteristics of the products (ETIM classification data).
- 15_DOCUMENTS: Documents (photos, product data sheets, manuals, videos, etc.). Note: This data partly overlaps with MEDIA, thus all relevant data is entered on the _MEDIA tab.
- 19_REMISE: Discount data. Note: As for PIM-customers this data is not relevant, there is no option to enter discount data in COS PIM. Of course Discount data can be entered manually in the FAB-DIS Excel document.
- 21_ANALYSE: Comparative analysis (price changes, deleted references, etc.)
- 22_PYRAMIDE: Pyramid structure of the Marketing nomenclature (Discount families). Note: this data will be filled out according to the MKT-/MKTL-structure which itself is based on *Item Group code* and *Item Group Description*
- 24_SUBSTITUTION: Old/new product ranges.
- 26_CORRESPONDANCE: System offer and correspondence (accessories, parts, components, related products/services).
- 31_SPECIFIQUE: Specific Manufacturer data.

Note: As FAB-DIS-files can easily the limit on number of Excel rows, FAB-DIS exports that exceed 1,048,000 records will be split into *multiple* Excel files and sent in several emails. Both the emails and Excel files are numbered in ascending order. This also applies to the log-entries for the export. The split has been set up in such a way that it does not cross items/products, so each export should contain a complete sub-set of data. Lastly, the splitting is done automatically, and only when necessary.

3 Export

The FAB-DIS format can be used when exporting *Item information*, either from the *Item overview* or exporting all items of an *Assortment*:

- Export from Item overview: Convenient for *testing* with a smaller selection of Items.
- Export from Assortment: Preferred method for generating a *complete* FAB-DIS export.

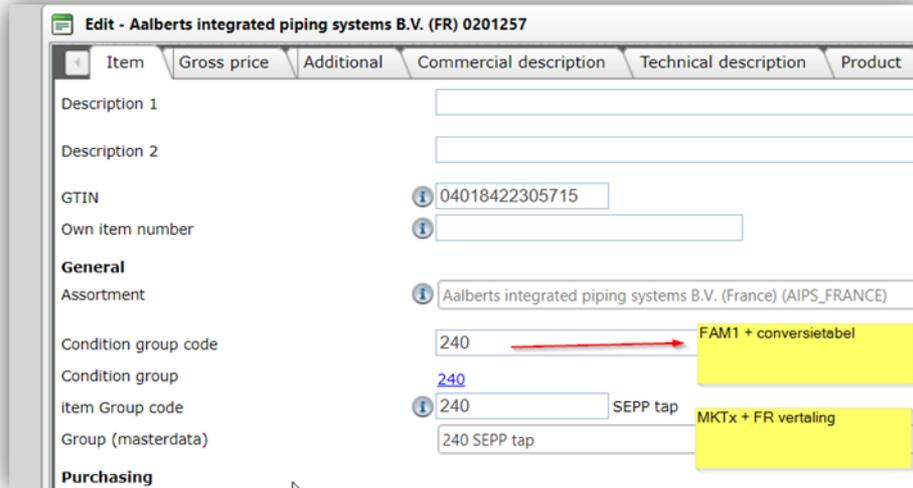
3.1 FAB-DIS export settings

For a correct FAB-DIS export, please note the following settings as explained below.

Warning: Please pay close attention to your settings when switching between export formats! Settings in the export dialog below are *stored per user*, however common settings are *retained* when selecting a different export format. Thus, for instance, when exporting in the FAB-DIS format with the ETIM 8 setting, this setting is retained when switching back to the DQR export format.

3.1.1 Condition Group

All Condition Groups need to be filled out:



- FAM1/FAM1L: Will be filled out with *Condition Group Code* (Item). The Description will be filled based on the value from a *Conversion Table*²:

DISCOUNTGROUPS	Discountgroups DQK	Item item number values
DiscountGroup_FabDis	DiscountGroup FabDis MKTL1	Item condition group code values

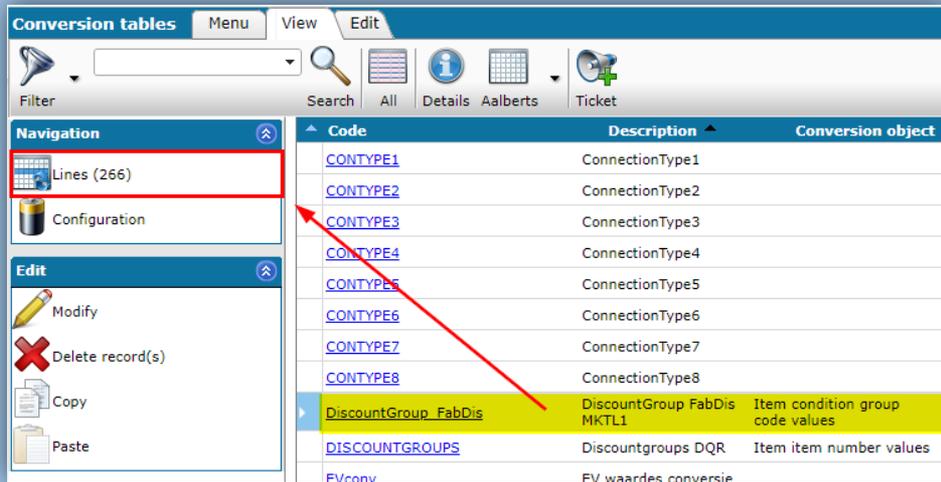
Value in	Value out
19.6	VSH SudoXPress Inox tube 1.4401
19.7	VSH SudoXPress Inox tube 1.4301
19.8	VSH SudoXPress Inox tube 1.4301
19.9	VSH SudoXPress Inox tube 1.4301
24.2	VSH XPress Cuivre
29.1	VSH SudoPress Cuivre Gaz
39.1	VSH Shurpoint HVAC

- MKT1/MKT1L: Will be filled out with the *Item Group code* and *Item Group Description (French)*.
 - An *Item Group hierarchy* will lead to multiple MKT-codes and descriptions; the top-level group will be filled out in *MKT1/MKT1L*, the next level in *MKT2/MKT2L*, and so on to a maximum of 5 levels.
 - Note: When Item Groups are *not* used, MKT1/MKT1L will fall back on FAM1/FAM1L.

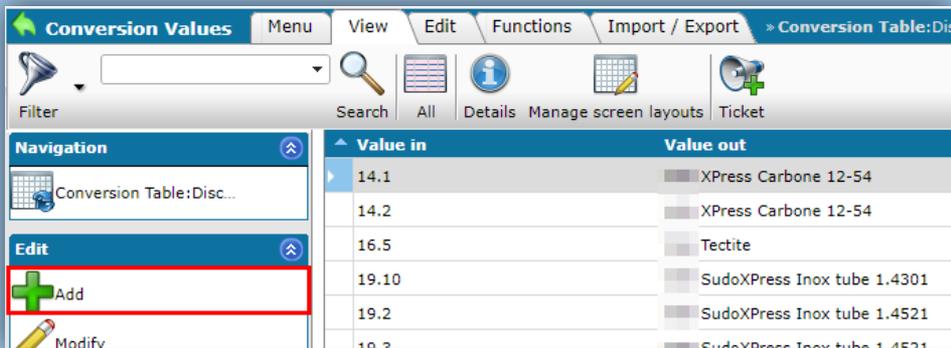
² A Compano consultant will provide the initial setup of the Conversion Table.

How to maintain the Conversion Table
If you need to add or change a conversion value:

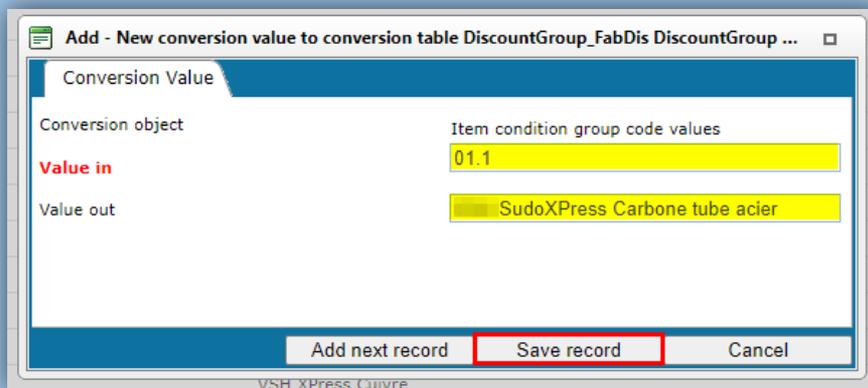
1. Through the Menu, go to *System > Configuration*
2. Select the conversion table **DiscountGroup FabDis** and, under Navigation, click on *Lines*.



3. On the next screen, under Edit, click on *+Add*.



4. In the pop-up window:

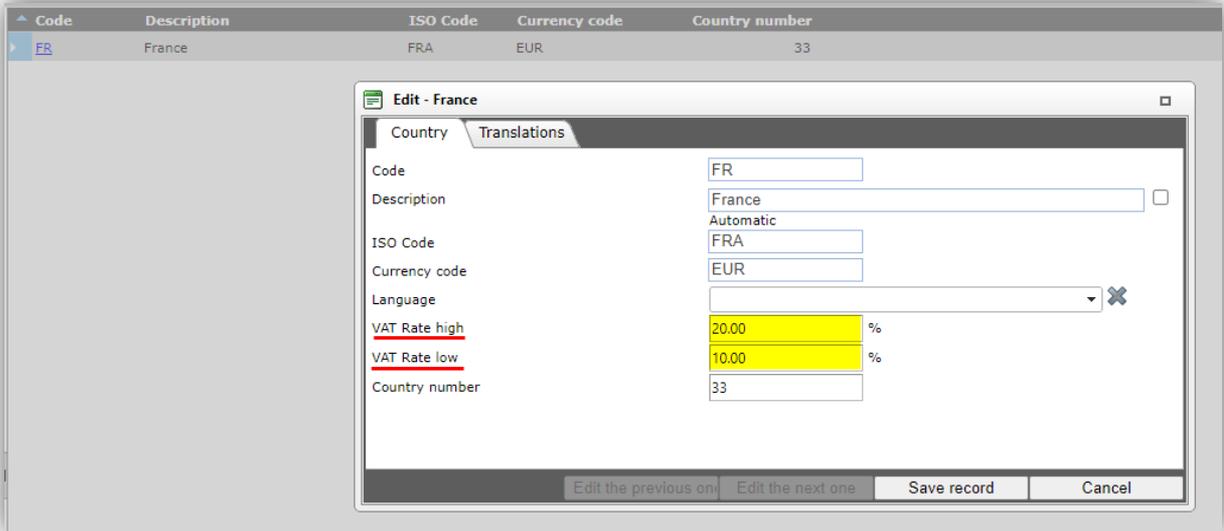


- a. Value in: Enter the Item condition group code
- b. Value out: Enter the Item condition group description (French)
5. Save the record.

3.1.2 VAT (TVA)

Set the *Country* to **France** to ensure that the correct VAT (TVA)-percentages are exported.

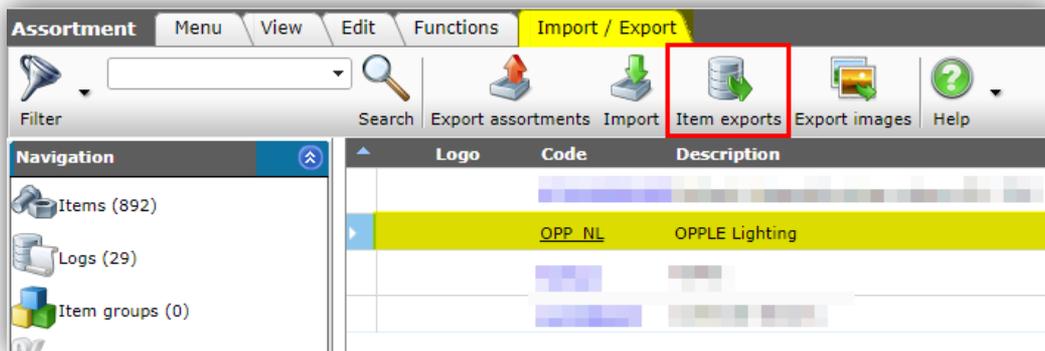
Note: VAT-percentages for high and low rates can be set through *Menu > Configuration > Countries*.



3.2 Export from Assortment overview

To export data for *all* items (and linked products) in an assortment:

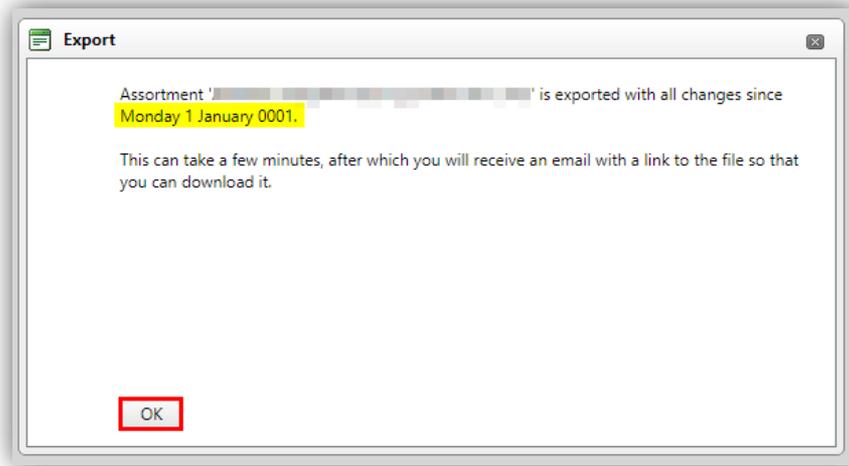
1. Through the Menu, either go *Items > Assortment* and click on *Item exports*.



2. In the pop-up window:



- a. Send export to: Enter the e-mail address to which the exported Excel-file should be sent.
 - b. Software package: Select **Other**.
 - c. Free text export: Set to **No**.
 - d. Item format: Select **FAB-DIS**.
 - e. Country: Set to **France** by default.
 - f. Language: Set to **French** by default.
 - g. Prices: Select the type of price to be exported.
 - h. Including cancelled items: Set to **Yes** to include archived items.
 - i. Features (technical product specification): Set to **Yes** to include the feature data of the selected Classification system.
 - j. Classification system: Set to the preferred classification system.
Note: FAB-DIS will handle any ETIM-version (7, 8, or 9), but *not* ETIM Dynamic.
 - k. Changes since: Only export items which have been changed since **[date]**. Leave this date empty or set to 01-01-0001 to generate a *full* export.
 - l. Price Reference date: Only export prices from this **[date]**. When *future prices* have been added to the system and you need to communicate these future prices, make sure to set the Price Reference date to (or after) the date of your future prices.
3. Click on *Export*.
 4. A system message will appear, informing you about the current export:



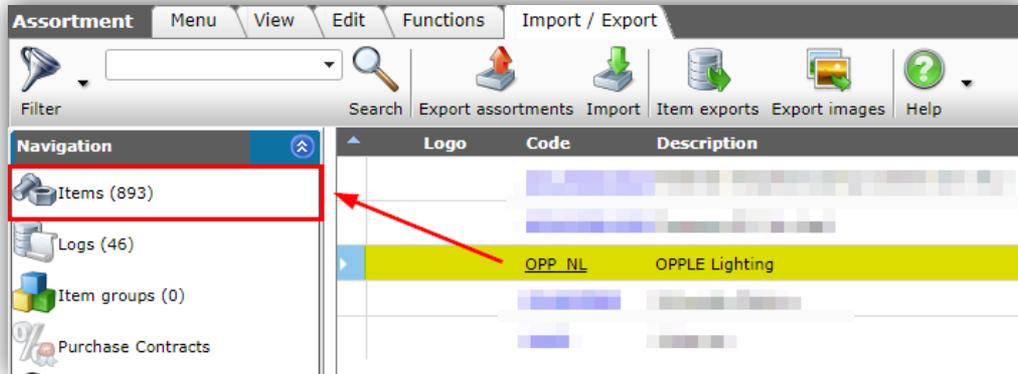
5. Click on OK.

3.3 Test export

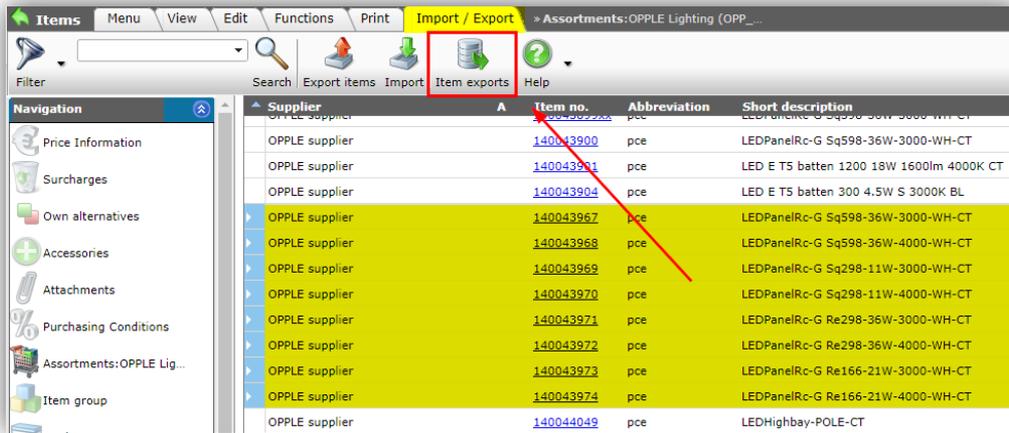
Should you need to test your FAB-DIS export with only a few items, then this can be done by using the *Changes since* option:

First, prepare a few test-items by changing the data for these items. Then:

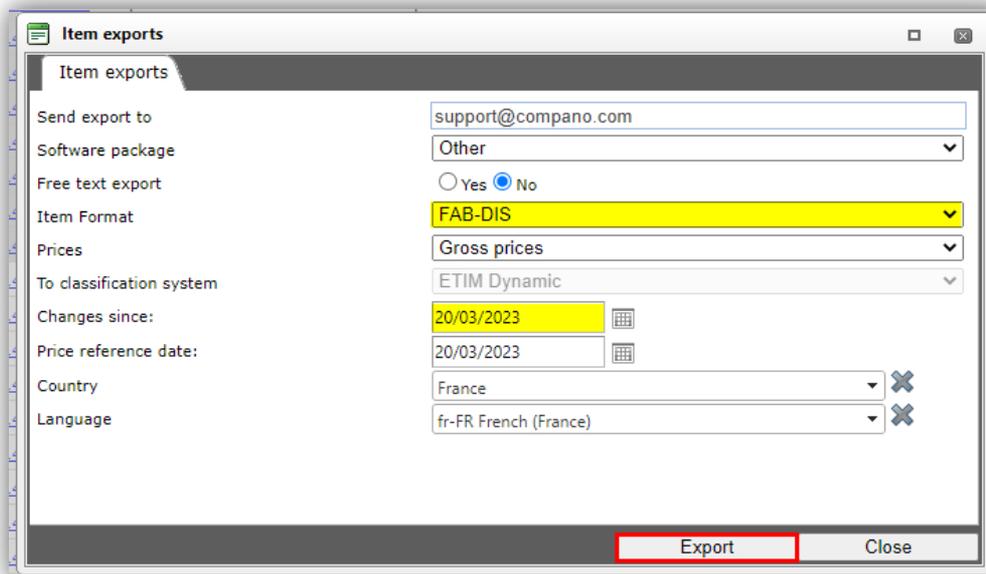
1. Through the Menu, either go *Items > Assortment* and, under Navigation, click on *Items*:



2. Next, select the prepared test-items and, on the Import/Export tab, click on Item exports:



3. In the pop-up window:



- a. Item Format: Select the **FAB-DIS** format.
 - b. Change since: Set this option to the date at which you changed the test-items (for example: date-today).
4. Click on *Export*.

4 Commercial texts (03_MEDIA)

Commercial text in COS will be exported to the worksheet 03_MEDIA:

A	B	C	D	
MARQUE	REFCIALE	TYPM	NUM	CODVAL
LED	140043898x	ARGU	1	Commercial description. Deze tekst moet naar Marketingtekst.&

Note: If no Commercial Description is filled out for the Items, the Commercial Description of the linked Product will be used.

5 Item groups (01_COMMERCE & 22_PYRAMIDE)

Item group hierarchy will be represented on the 01_COMMERCE tab as MKT1, MKT2, MKT3, etc. from left to right. However, the same hierarchy will also be entered on the 19_PYRAMIDE tab from top to bottom.

5.1 01_COMMERCE

MKT1	MKT1L	MKT2	MKT2L	MKT3	MKT3L	MKT4	MKT4L
2	BORNES CHARGEPOINT	2C	Pack Borne Pied AC 2 PDC	2CB	Pack Borne Pied AC 2 PDC + Cloud + Assure	2CB1	Pack Borne Pied AC 2*22KW + CPCLD1 + ASSURE1
2	BORNES CHARGEPOINT	2B	Pack Borne Murale AC 1 & 2 PDC	2BC	Pack Borne Murale AC 2 PDC + Cloud + Assure	2BC1	Pack Borne Murale AC 2*22KW + CPCLD1 + ASSURE1
2	BORNES CHARGEPOINT	2C	Pack Borne Pied AC 2 PDC	2CB	Pack Borne Pied AC 2 PDC + Cloud + Assure	2CB3	Pack Borne Pied AC 2*22KW + CPCLD3 + ASSURE3
2	BORNES CHARGEPOINT	2B	Pack Borne Murale AC 1 & 2 PDC	2BC	Pack Borne Murale AC 2 PDC + Cloud + Assure	2BC3	Pack Borne Murale AC 2*22KW + CPCLD3 + ASSURE3

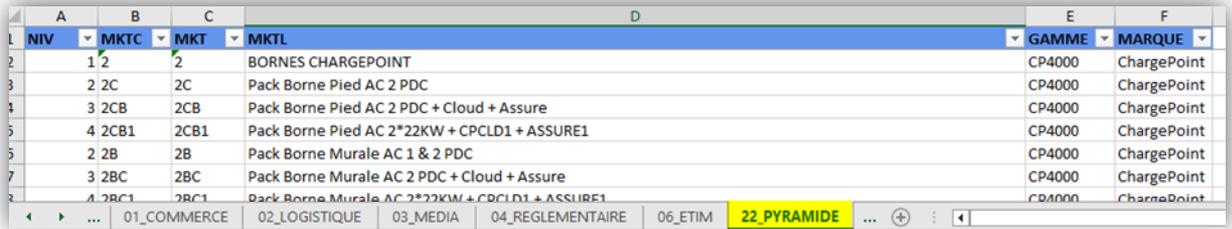
5.2 22_PYRAMIDE

- 1 column NIV: the LEVEL of the relevant item group.
- 2, 3 columns MKTC and MKT: the CODE of the relevant item group
- 4 column MKTL: the (French) DESCRIPTION of the item group
- 5 column GAMME: This is the (French) field SERIES of the product

Note:

This is somewhat questionable, as MKT classification is a *marketing* classification and that *may* be very different from the Series. In short: only try to fill this out for the lowest level used; for example, if 01_COMMERCE is filled out from MKT1 to MKT4, then MKT4 is the lowest level. All (parent) item groups on level 1, 2, 3 will be included on the 22_PYRAMIDE tab with their MKT-level, however the GAMME column will be empty. Then, for all products—only on level MKT4, in this example—if for those products *all* (French) Series fields are *equal*, then the Series value will be used for the GAMME column, otherwise leave empty.

6 column MARGUE: Will be filled out with the (French) Brand name of the first product that is encountered, but will be left empty when more brands are encountered. Indeed, MARGUE is mandatory so something has to be filled out here. However, if there are multiple brands (for instance, Brand A and Brand B), distinguish them by creating multiple Item groups (such as, 1000A and 1000B).



NIV	MKTC	MKT	MKTL	GAMME	MARQUE
1	2	2	BORNES CHARGEPOINT	CP4000	ChargePoint
2	2C	2C	Pack Borne Pied AC 2 PDC	CP4000	ChargePoint
3	2CB	2CB	Pack Borne Pied AC 2 PDC + Cloud + Assure	CP4000	ChargePoint
4	2CB1	2CB1	Pack Borne Pied AC 2*22KW + CPCLD1 + ASSURE1	CP4000	ChargePoint
5	2B	2B	Pack Borne Murale AC 1 & 2 PDC	CP4000	ChargePoint
7	2BC	2BC	Pack Borne Murale AC 2 PDC + Cloud + Assure	CP4000	ChargePoint
8	2BC1	2BC1	Pack Borne Murale AC 2*22KW + CPCLD1 + ASSURE1	CP4000	ChargePoint

6 Attachments [03_MEDIA]

Attachments are exported to Worksheet 03_MEDIA, column CODVAL, with TYPM **ARGU**.

Types that are exported correctly by default:

COS attachment type	COS description	FAB-DIS TYPM code
PPI, LOG	Image for internet, Logo	PHOTOBD
PHI, LDT	Image for printing, Photometric data	PHOTOHD
EEP	Energy label	CEE
STR	Certificate	CMC
SCH	Diagram (dimensioned drawing)	SCHEMA
PRT, OTV	Sales brochure, Other visual element	PHOTOHDA
PVI	Product video	VIDEO
CHR, LNK	Link to sheet, Deeplink	FICHE
CAD, OTA, OTD, SOF, PAR, MAN, MTE, Unknown	CAD-file, Other attachment, Other document, Software, Parts list, Instructions, Installation & maintenance document, Others.	NOTICE

Note: Attachment URLs can be of two types: URL (for display) and/or URLT (for download/télécharge).

7 Certificates

Certificates in COS are either:

- An attachment of attachment type **STR**.
- A certificate data entry, which can also include an attachment of any attachment type.

Important: When adding attachments to certificates for export to FAB-DIS, make sure to set the *Language* of the attachment to **French**. Attachments in other languages (or with no language defined) will *not* be exported to FAB-DIS.

7.1 Certificates [03_MEDIA]

Only Certificates of type **Other (OTA)** and which have their *Language* set to **French** will be exported to worksheet 03_MEDIA as TYPEN **CMC**.

The CODVAL of this certificate will be constructed from the following Certificate values (1) + (2) + (3):



	A	B	C	D	
1	MARQUE	REFCIALE	TYPM	NUM	CODVAL
2	LED	140043898x	ARGU	1	Commercial description.De
3	LED	140043898x	CMC	1	La France 029384 001
4	LED	140043898x	FICHE	1	

7.2 Certificates [04_REGLEMENTAIRE]

Certificates in COS which will be exported to worksheet 04_REGLEMENTAIRE are:

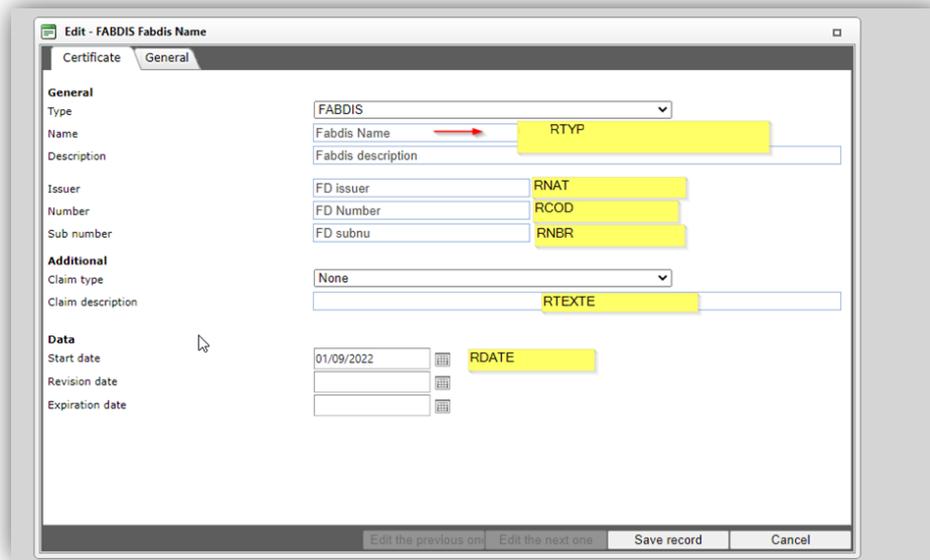
- Certificates of type **FAB-DIS**
- Certain DICO certificate types

7.2.1 Certificate type FAB-DIS

Certificates of type **FAB-DIS** will be exported to worksheet 04_REGLEMENTAIRE as follows:

COS certificate data field	FAB-DIS 04_REGLEMENTAIRE data field
Name	RTYP
Issuer	RNAT
Number	RCOD
Sub-number	RNBR
Claim description	RTEXTE
Start date	RDATE

If a French-language attachment has been added to the Certificate, the following, additional FAB-DIS data fields will be filled out:



- URL: Internet address used for displaying the attachment, for instance a photo, drawing, photometric data, etc.
- URLT: Internet address used for downloading the attachment, for instance a document, CAD-file, etc.
- RNOM: Description of the attachment
- RNUM: Sequence number of the attachment

7.2.2 Other certificate types

A number of certificate types from DICO can be translated into one of the 18 available *types of regulation* (RTYP) of FAB-DIS, worksheet **04_REGLEMENATAIRE**. These certificate types can be added as FAB-DIS certificate; see paragraph [7.2.1 CERTIFICATE TYPE FAB-DIS](#).

However, if a FAB-DIS certificate type is one-on-one similar to a DICO/SALES005 certificate *and* contains a French-language attachment, it need *not* be duplicated. Check the list below to see which certificates are copied from their DICO-equivalent and which certificates need to be added as a FAB-DIS certificate

FABDIS value "RTYP"	DICO certificate type
ACS	No DICO equivalent, add via FAB-DIS certificate
BATTERY	No DICO equivalent, add via FAB-DIS certificate
BOIS	No DICO equivalent, add via FAB-DIS certificate
CEE	No DICO equivalent, add via FAB-DIS certificate
CONTRIB	No DICO equivalent, add via FAB-DIS certificate
DOC	DOCCE
DOP	DOP
E-ENV-SAN	No DICO equivalent, add via FAB-DIS certificate
ECCN	ECCN
F-GAZ	No DICO equivalent, add via FAB-DIS certificate
FDS	SDS
FTFV	No DICO equivalent, add via FAB-DIS certificate
NFS	No DICO equivalent, add via FAB-DIS certificate
PEREMP	No DICO equivalent, add via FAB-DIS certificate
RECHANG	No DICO equivalent, add via FAB-DIS certificate
ROHS	No DICO equivalent, add via FAB-DIS certificate
TRACE	No DICO equivalent, add via FAB-DIS certificate
TRIMAN	No DICO equivalent, add via FAB-DIS certificate

Note: When duplicate certificates are present (determined on the basis of a duplicate attachment URL), then the FAB-DIS certificate will be exported.

Thus:

- A completed FAB-DIS certificate always leads to a line in tab **04_REGULATION**, even if it does not contain an attachment.
- One of the other (DICO) certificates will therefore only be included if it is provided with an attachment with language **FR**. If there is no French-language attachment, it is considered irrelevant to FAB-DIS.

7.2.2.1 CONTRIB

For a CONTRIB certificate 2 extra columns need to be filled out: On the regulatory tab, a currency column (RVU) and an RVAL value column.

RVU: This value is always **EUR**

RVAL: This value is the disposal fee, which will be filled out with the value of the Item data field **AEO**-(surcharge disposal fee). If no value is filled out, a corresponding line will be created on the tab 04_REGLEMENTAIRE in the FABDIS export with the value **0**.

Important: Please make sure to check the *code lists* in the FAB-DIS documentation for the correct codes that can be used for Issuer, Number and Sub number, for example:

Issuer	DEEE - DEA - SORECOP (RNAT)
Number	SPAP01 (RCOD)
Sub number	1 RNBR

8 Product relations

Product relations such as accessories, parts, alternatives, etc. will be exported to FAB-DIS with the tag **PRODUCT_REFERENCE**.

BMEcat 2005 + ETIM 4.0.3 - Lijst met mogelijke waarden voor Matchtype koppeling koppel_matchtype Zoeken

Datamodel unit	Omschrijving	Richting	Formaateenheid	Mapping beschrijving/opmerking
BE2	Behoort tot	↔		accessories
CNO	Vergelijkbaar Normproduct			
COM	Vergelijkbaar	↔		similar
CON	Bevat onderdeel	↔		consists_of
FI2	Past bij	↔		fits to
MIR	Gespiegeld			
NWH	Kan niet zonder	↔		mandatory
PAR	Onderdeel van	↔		select
PCH	is product van			
PRE	Voorganger	↔		predecessor
SPA	Reserve	↔		sparepart
SUC	Opvolger	↔		followup

Please consider the following:

- No duplication, so if the accessory or part is already present in COS, *do not add it again*.

- For multiple copies of the accessory, the number of accessories is exported with the tag `PRODUCT_REFERENCE quantity=n`
- Product accessories of type **BE2** (belongs to) are exported with the tag `PRODUCT_REFERENCE type="accessories"`
- Product accessories of type **CON** (consists of) are exported with the tag `PRODUCT_REFERENCE type="consists_of"`
- Successor products are exported with the tag `PRODUCT_REFERENCE type="successor"` & `PRODUCT_REFERENCE type="followup"`
- Accessories of type **BE2** and marked as **Required** are exported with the tag `PRODUCT_REFERENCE type="mandatory"`
- Product accessories of type **COM** (comparable) are exported with the tag `PRODUCT_REFERENCE type="similar"`
- Product accessories of type **FI2** (fits to) are exported with the tag `PRODUCT_REFERENCE type="select"` and `PRODUCT_REFERENCE type="others"` & `REFERENCE_DESCR = "fits to"` (NL country specific exception)
- Product added as a *Part* to a main product are exported with the tag `PRODUCT_REFERENCE type="sparepart"`