Create catalog in SAP Ariba

Catalog formats

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Usable catalog formats in SAP Ariba

Following catalog formats can be uploaded:

- BMEcat

- CIF

- EXCEL

Further details for each catalog format will be described on the following pages

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BMEcat

General Links

- https://de.wikipedia.org/wiki/BMEcat

- https://www.bme.de/initiativen/bmecat/download/

BMEcat version 2005 is not supported in Ariba, only BMEcat 1.2 can be used!

BMEcat - specifics

Use the example header for reference

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE BMECAT SYSTEM "bmecat_new_catalog_1_2.dtd">
<BMECAT version="1.2" xmlns="http://www.bmecat.org/bmecat/1.2/bmecat_new_catalog">
  <HEADER>
  <CATALOG>
        <LANGUAGE>deu</LANGUAGE>
        <CATALOG_ID>Musterkatalog</CATALOG_ID>
        <CATALOG_VERSION>001.001</CATALOG_VERSION>
        <CURRENCY>EUR</CURRENCY>
     </CATALOG>
     <BUYER>
        <BUYER_ID type="buyer_specific">AN            -T</BUYER_ID>
        <BUYER_NAME>                        </BUYER_NAME>
     </BUYER>
        <SUPPLIER>
            <SUPPLIER_ID type="buyer_specific">ANxxxxxxxxxxx</SUPPLIER_ID>
            <SUPPLIER_NAME>Musterfirma GmbH</SUPPLIER_NAME>
            <ADDRESS type="supplier">
                <CONTACT>Max Mustermann</CONTACT>
                <STREET>Musterstraße 999</STREET>
                <ZIP>4020</ZIP>
                <CITY>Linz</CITY>
                <COUNTRY>AT</COUNTRY>
                <PHONE>+43xxxxxx</PHONE>
                <FAX>+43xxxxxxxx</FAX>
                <URL>www.musterhausen.at</URL>
            </ADDRESS>
        </SUPPLIER>
     </HEADER>
</BMECAT>
```

Enter Ariba Network ID (ANID) and Buyer name for customer
„-T" at the end is used for uploads in test mode

Enter your Ariba Network ID (ANID) and supplier name
„-T" at the end of the ANID can be used for uploads in test mode

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BMEcat – Price information

Article pricing in Ariba only allows price type „net_customer"

```
<ARTICLE_PRICE price_type="net_customer">
<PRICE_AMOUNT>0.40</PRICE_AMOUNT>
<PRICE_CURRENCY>EUR</PRICE_CURRENCY>
<TAX>0.20</TAX>
```

All other price types that can be used in BMEcat are not supported in Ariba!

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BMEcat – Classification information

To add classification information (eCl@ss, UNSPSC…) in BMEcat add following tags to the „ARTICLE_FEATURES" of each article:

```
<ARTICLE_FEATURES>
<REFERENCE_FEATURE_SYSTEM_NAME>          </REFERENCE_FEATURE_SYSTEM_NAME>
<REFERENCE_FEATURE_GROUP_ID>          </REFERENCE_FEATURE_GROUP_ID>
</ARTICLE_FEATURES>
```

REFERENCE_FEATURE_SYSTEM_NAME defines the classification base itself (e.g. UNSPSC)

REFERENCE_FEATURE_GROUP_ID defines the corresponding classification values (e.g. 32101631)

Please check together with your customer which classification codes should be used!
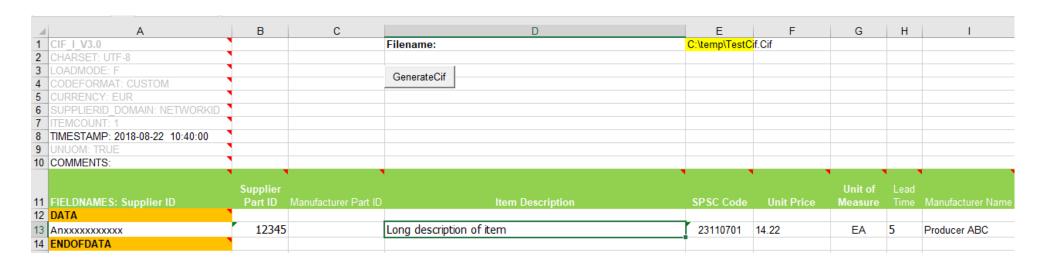
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CIF

CIF is the abbreviation of „Catalog Interchange Format" and is used for exchanging catalog information based.

CIF files are very similar to csv files and can be converted easily using Excel.

CIF – Using the excel template

The excel template has two main sections – header and data

	A	B	C	D	E	F	G	H	I
1	CIF_I_V3.0			Filename:	C:\temp\TestCif.Cif				
2	CHARSET: UTF-8								
3	LOADMODE: F								
4	CODEFORMAT: CUSTOM			GenerateCif					
5	CURRENCY: EUR								
6	SUPPLIERID_DOMAIN: NETWORKID								
7	ITEMCOUNT: 1								
8	TIMESTAMP: 2018-08-22 10:40:00								
9	UNUOM: TRUE								
10	COMMENTS:								
11	FIELDNAMES: Supplier ID	Supplier Part ID	Manufacturer Part ID	Item Description	SPSC Code	Unit Price	Unit of Measure	Lead Time	Manufacturer Name
12	DATA								
13	Anxxxxxxxxxxx	12345		Long description of item	23110701	14.22	EA	5	Producer ABC
14	ENDOFDATA								

Rows 1 to 11 are reserved for the header data.

The header data should not be changed without notification to the customer (except row 8 and row 10)!

Starting with row 12 and the keyword „DATA" all catalog items can be defined.
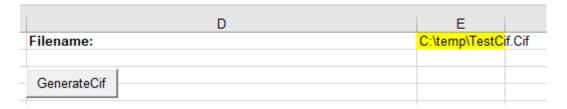
At the end of the file it's mandatory to have „ENDOFDATA" as keyword, otherwise the catalog upload can't finish
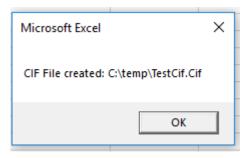
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CIF – Using the excel template

The „Filename" in field E1 is used to define the output path and output name of the resulting CIF file.

Generation of the CIF file is started using the button „GenerateCif"

D	E
Filename:	C:\temp\TestCif.Cif
GenerateCif	

As result following message is shown in Excel:

Microsoft Excel ✕

CIF File created: C:\temp\TestCif.Cif

OK

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CIF – Using the excel template

Fields shown in **bold** letters are mandatory fields

Further information regarding the usage of the field is available in the comments

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CIF – Mandatory fields

Field name	Example	Description
SupplierID	AN00011001100	Ariba Network ID (ANID), for test mode „-T" is required at the end (AN00011001100-T)
Supplier Part ID	0XBEW0123	Unique part identifier, can only be used once in the catalog
Item description	Hexagon nut M32 heavy duty	Long description text of the item
SPSC code	23110701	Classification code of the item, dependent on the classification code base (e.g. eClass 7.1) → defined by customer!
Unit price	7.11	Price per unit → **do not add currency in this field, do not use comma as decimal separator!**
Unit of measure	EA	Unit of measure for the item, based on UNUOM

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CIF – Check encoding of CIF file

For all catalog articles it is mandatory to ensure correct UTF-8 encoding in the resulting CIF file.

Otherwise all non-UTF-8 characters (e.g. Ä, Ö,…) are not displayed correctly.

The encoding can be checked and converted easily using the free tool „Notepad++"
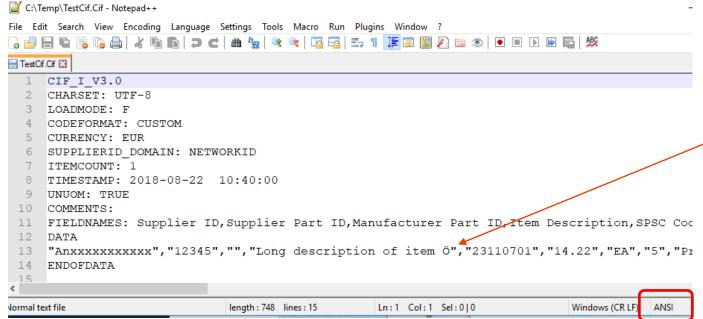https://notepad-plus-plus.org/

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CIF – Check encoding of CIF file

Open resulting CIF file in Notepad++
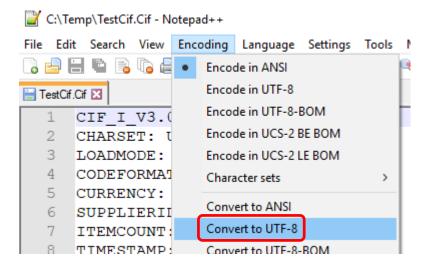

Current encoding is shown on the bottom of the window

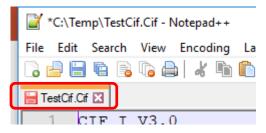

Due to the „Ö" in the file the encoding is „ANSI"

CIF – Change encoding of CIF file

The encoding can be converted automatically

File is in changed state → save

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Excel

Ariba provides an Excel template which can also be used to quickly set up a catalog

The Excel template has 4 sheets available

After filling out the „Headers" and „Items" sheet the „Instructions" and „Sample Formats" can be deleted to reduce the file size (Excel upload has a limitation of 1MB)
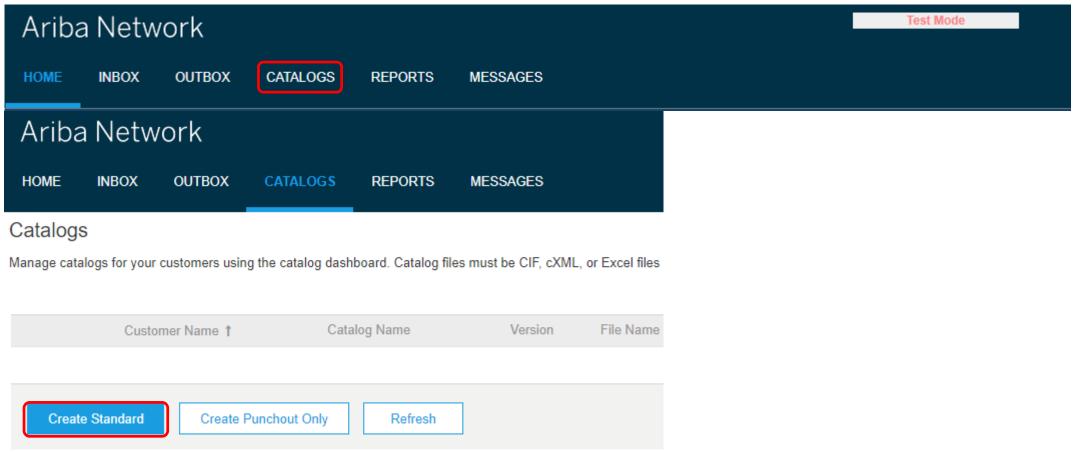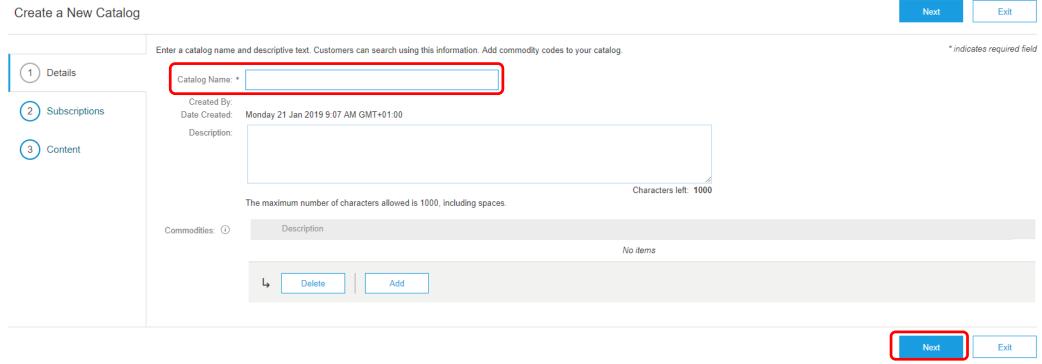
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Upload catalog in SAP Ariba

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Upload catalog in SAP Ariba

Login to supplier account on https://supplier.ariba.com

Switch to „Catalogs" and select „Create Standard"

Upload catalog in SAP Ariba

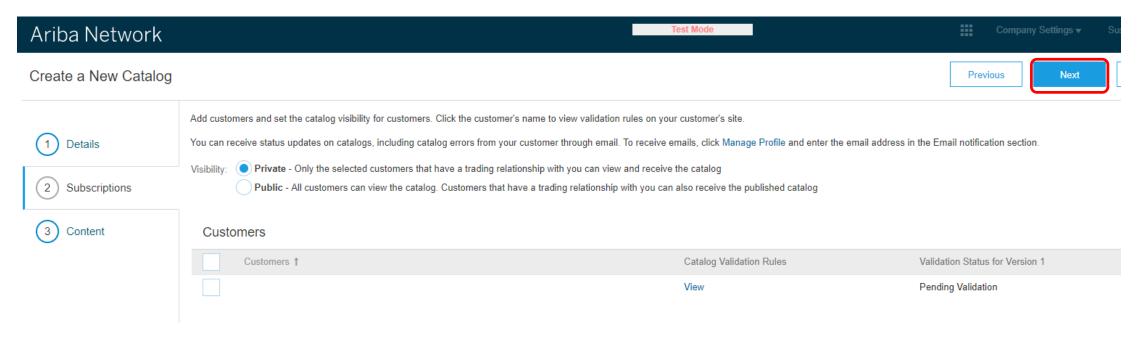Enter „Catalog Name" (Description and Commodities are optional) and click „Next"

The catalog name is shown to the customer as catalog subscription name.

Ariba recommends using the format „SupplierName_CustomerName". Check together with the customer if another naming format is required!

Before creating a new catalog for a customer please consider updating the old one!

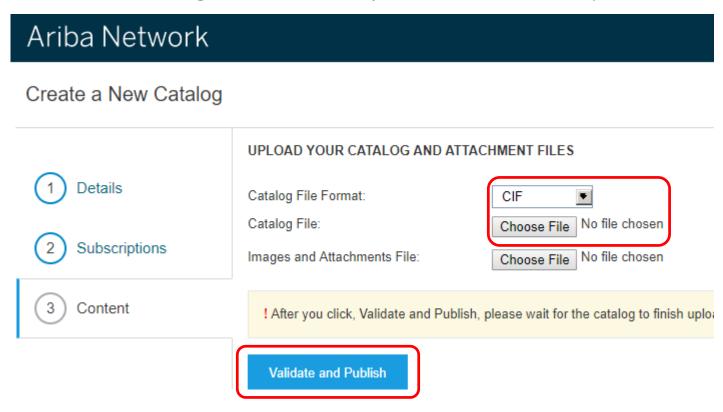# Upload catalog in SAP Ariba

Select catalog visibility (private or public) and click „Next"

All customers that already accepted the TRR (trading relationship request) are shown in the „Customers" section and can be selected

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Upload catalog in SAP Ariba

Choose „Catalog File Format" (CIF/BMEcat/Excel) and choose the „Catalog File" for upload

Click „Validate and Publish" → The catalog file will be uploaded, parsed and checked for errors

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