

SAP Ariba 

Ariba® Network BMEcat Catalog Training Guide

January, 2021

CONFIDENTIAL

 Run Simple

Agenda

- What is BMEcat?
- Catalog structure
- Catalog publishing on Ariba Network

What is BMEcat?

What is BMEcat?

BMEcat is an XML-based catalog stored on Ariba Network that describes the products and services your organization offers and the prices you charge. Buyers users access your catalog through SAP Ariba Procurement to purchase your products and services offerings.

It allows you to use following features in your catalog:

- Multiple images
- Multiple attachments
- Scaled prices
- Price validity
- Price flag
- Minimum order quantity
- Quantity intervals
- Product References
- Special Treatment Class
- Buyer Article ID
- Article Status
- EAN

BMEcat specifics

Supported version:

Ariba Procurement Solutions support only BMEcat 1.2
BMEcat 2005 is **not** supported

Limitations:

Fields <ADDRESS> are ignored

Fields <FEATURE> are ignored, except <FNAME> and <FVALUE>

For more information please check:

- BMEcat 1.2 and possibility to download the DTD: <http://www.bmecat.org>
- Catalog Format Reference Guide - available on Ariba Network
chapter: "About BMEcat Catalogs"

Overview of your product in the user interface

Art Deco Chair

Supplier: Astley & Corbett & Sons **£155.69 GBP / each**
 *Pricing Information

Supplier Part #: 1
 Manufacturer: Pierre Chareau
 Available in: 7 Day(s)
 Qty: 2 **Add to Cart**
 My Favorite Items **Edit**

Product Description

French Art Deco: Armchair by Pierre Chareau. Walnut and fabric upholstery. Circa 1924.

Product Specifications

Price: £155.69 GBP
 Supplier: Astley & Corbett & Sons
 Supplier Part #: 1
 Manufacturer: Pierre Chareau
 Available in: 7 Day(s)
 Best Price/Top Item:
 Description: French Art Deco: Armchair by Pierre Chareau. Walnut and fabric upholstery. Circa 1924.
 Punchout Enabled:

Pricing and Quantity Terms

Pricing Terms

Quantity	Price
1.0 - 5.0	£155.69 GBP / each
6.0 - 11.0	£144.19 GBP / each
12 or More	£133.89 GBP / each

Minimum Order Quantity
 Minimum Order Quantity for this product is 2.

Quantity Intervals

This product should be ordered in multiples of 2.

Reference Documents

Art Deco Furniture
 Art Deco: Then and Now (link to video)

Accessories

Art Deco Sofa
 Astley & Corbett & Sons
£500.00 GBP / each
 *Pricing Information
 Qty: 1 **Add to Cart**

Similar Products

Art Deco Armchair
 Astley & Corbett & Sons
£120.00 GBP / each
 *Pricing Information
 Qty: 1 **Add to Cart**

Art Deco Chair

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 *Pricing Information

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 Manufacturer: Pierre Chareau
 Available in: 7 Day(s)
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 *Pricing Information
 Qty: 1 **Add to Cart**

Catalog structure

BMEcat format overview

BMEcat catalog consists of

- Header
- Body

Header

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE BMECAT SYSTEM "bmeecat_new_catalog_1_2.dtd">
<BMECAT version="1.2">
  <HEADER>
    <GENERATOR_INFO>BMEcat1.2 generator</GENERATOR_INFO>
    <CATALOG>
      <LANGUAGE>DEU</LANGUAGE>
      <CATALOG_ID>48</CATALOG_ID>
      <CATALOG_VERSION>048.000</CATALOG_VERSION>
      <CATALOG_NAME>catalog</CATALOG_NAME>
      <DATETIME type="generation_date">
        <DATE>2017-11-07</DATE>
      </DATETIME>
      <TERRITORY>DE</TERRITORY>
      <CURRENCY>EUR</CURRENCY>
    </CATALOG>
    <BUYER>
      <BUYER_ID type="buyer_specific">ANxxxxxxxxxx</BUYER_ID>
      <BUYER_NAME>Buyer</BUYER_NAME>
    </BUYER>
    <AGREEMENT>
      <AGREEMENT_ID>xxx</AGREEMENT_ID>
      <DATETIME type="agreement_start_date">
        <DATE>2017-08-01</DATE>
      </DATETIME>
      <DATETIME type="agreement_end_date">
        <DATE>2018-07-31</DATE>
      </DATETIME>
    </AGREEMENT>
    <SUPPLIER>
      <SUPPLIER_ID type="buyer_specific">ANxxxxxxxxxx</SUPPLIER_ID>
      <SUPPLIER_NAME>Supplier</SUPPLIER_NAME>
      <ADDRESS type="supplier">
        <STREET>abc</STREET>
        <ZIP>12345</ZIP>
        <CITY>xzy</CITY>
      </ADDRESS>
    </SUPPLIER>
  </HEADER>
```

Body

```
<ARTICLE>
  <SUPPLIER_AID>A123456789</SUPPLIER_AID>
  <ARTICLE_DETAILS>
    <DESCRIPTION_SHORT>Name of the product with basic attributes.</DESCRIPTION_SHORT>
    <DESCRIPTION_LONG>Shouldn't be the same as the short one, but should be descriptive.</DESCRIPTION_LONG>
    <EAN>4032378110018</EAN>
    <MANUFACTURER_AID>123-456-789</MANUFACTURER_AID>
    <MANUFACTURER_NAME>Arriba</MANUFACTURER_NAME>
    <DELIVERY_TIME>3</DELIVERY_TIME>
    <KEYWORD>Alpha</KEYWORD>
    <KEYWORD>Bravo</KEYWORD>
    <KEYWORD>Charlie</KEYWORD>
    <ARTICLE_STATUS type="core_article">false</ARTICLE_STATUS>
  </ARTICLE_DETAILS>
  <ARTICLE_FEATURES>
    <REFERENCE_FEATURE_SYSTEM_NAME>eclass</REFERENCE_FEATURE_SYSTEM_NAME>
    <REFERENCE_FEATURE_GROUP_ID>12345678</REFERENCE_FEATURE_GROUP_ID>
  </ARTICLE_FEATURES>
  <ARTICLE_ORDER_DETAILS>
    <ORDER_UNIT>C62</ORDER_UNIT>
    <CONTENT_UNIT>C62</CONTENT_UNIT>
    <NO_CU_PER_QU>1</NO_CU_PER_QU>
    <PRICE_QUANTITY>1</PRICE_QUANTITY>
    <QUANTITY_MIN>1</QUANTITY_MIN>
    <QUANTITY_INTERVAL>1</QUANTITY_INTERVAL>
  </ARTICLE_ORDER_DETAILS>
  <ARTICLE_PRICE_DETAILS>
    <ARTICLE_PRICE price_type="net_customer">
      <PRICE_AMOUNT>123456.78</PRICE_AMOUNT>
      <PRICE_CURRENCY>EUR</PRICE_CURRENCY>
      <TAX>0.19</TAX>
    </ARTICLE_PRICE>
  </ARTICLE_PRICE_DETAILS>
  <MIME_INFO>
    <MIME>
      <MIME_TYPE>image/jpeg</MIME_TYPE>
      <MIME_SOURCE>123456789.jpg</MIME_SOURCE>
      <MIME_PURPOSE>normal</MIME_PURPOSE>
      <MIME_ORDER>1</MIME_ORDER>
    </MIME>
    <MIME>
      <MIME_TYPE>application/pdf</MIME_TYPE>
      <MIME_SOURCE>certificate.pdf</MIME_SOURCE>
      <MIME_ALT>Ansprechpartner-Datenblatt</MIME_ALT>
      <MIME_PURPOSE>data_sheet</MIME_PURPOSE>
      <MIME_ORDER>1</MIME_ORDER>
    </MIME>
  </MIME_INFO>
</ARTICLE>
```

Specifics of BMEcat Header

Version of BMEcat and DTD

The first three lines of the catalog must contain the version of BMEcat and DTD

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE BMECAT SYSTEM "bmecat_new_catalog_1_2.dtd">
<BMECAT xmlns="http://www.bmecat.org/bmecat/1.2/bmecat_new_catalog" version="1.2">
```

2 valid examples:

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE BMECAT SYSTEM "bmecat_new_catalog_1_2.dtd">
<BMECAT version="1.2">
```

Buyer and Supplier ID in the Header:

- Supplier ANID ends with “-T” in Test
- Buyer ANID does not end with “-T” in Test

In Test

```
<BUYER>
  <BUYER_ID type="buyer_specific">AN01389829092</BUYER_ID>
  <BUYER_NAME>Buyer Group</BUYER_NAME>
</BUYER>
<SUPPLIER>
  <SUPPLIER_ID type="buyer_specific">ANxxxxxxxxxxx-T</SUPPLIER_ID>
  <SUPPLIER_NAME>ABC</SUPPLIER_NAME>
</SUPPLIER>
```

In Production

```
<BUYER>
  <BUYER_ID type="buyer_specific">AN01389829092</BUYER_ID>
  <BUYER_NAME>Buyer</BUYER_NAME>
</BUYER>
<SUPPLIER>
  <SUPPLIER_ID type="buyer_specific">ANxxxxxxxxxxx</SUPPLIER_ID>
  <SUPPLIER_NAME>ABC</SUPPLIER_NAME>
</SUPPLIER>
```

Syntax check

The following syntax checks apply to BMEcat files:

- Compliance with the BMEcat 1.2 XML DTD
- Correct data type for all attribute and element values (integer)
- Start date before end date for items with date-specific pricing

Note:

- An error for any of these syntax checks causes the file to fail validation
- If a catalog fails validation, the catalog manager must fix all errors and import the catalog again
- If a catalog file contains unsupported elements, attributes, or values, it does not fail validation.
- Unsupported elements, attributes, and values are ignored and are not imported as catalog data
- Items that does not have image, but have a thumbnail only are ignored

Catalog publishing on Ariba Network

Catalog Publication

1 Access your Ariba Network Account

Go to: <http://supplier.ariba.com>

Enter your Username & Password and click Log In to access your Production account.

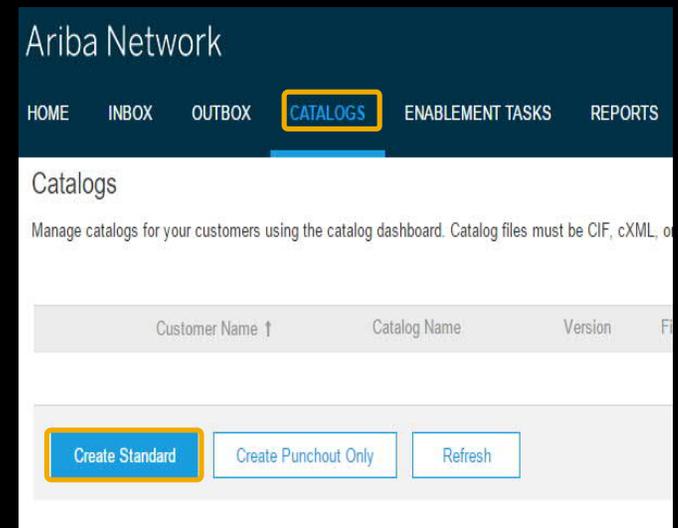
Note:

Your catalog on Your catalog on Ariba Network must first be created in your **TEST** account.

You will load your catalog on your production account only after publication and validation of the catalog in your **TEST** account.

2 Click on the Catalogs tab on your Home Dashboard

3 Click on the Create Standard button



Catalog Publication

4 Enter the **Catalog Name**
It should be based on the Buyer naming convention

5 Click Next

6 Select **Private**

7 Select Buyer in your customers' list

8 Click Next

Note: If the Buyer is not part of the customer list, it means that the Trading relationship has not been accepted on Ariba Network. Please accept the relationship first.

Create a New Catalog

Enter a catalog name and descriptive text. Customers can search using this information. Add commodity codes to your catalog. * indicates required field

1 Details

Catalog Name: * TEST_OK_1

Created By: Orsolya Kalina
Date Created: Monday 13 Mar 2017 9:22 AM GMT+01:00

Description:

Characters left: 1000

The maximum number of characters allowed is 1000, including spaces.

Commodities: 0

Description

No items

Delete Add

Next Exit

Create a New Catalog

Add customers and set the catalog visibility for customers. Click the customer's name to view validation rules on your customer's site. You can receive status updates on catalogs, including catalog errors from your customer through email. To receive emails, click [Manage Profile](#) and enter the email address in the Email notification section.

1 Details

2 Subscriptions

3 Content

Visible by: Private - Only the selected customers that have a trading relationship with you can view and receive the catalog
 Public - All customers can view the catalog. Customers that have a trading relationship with you can also receive the published catalog

Customers

Customers	Catalog Validation Rules	Validation Status for Version 1
<input type="checkbox"/> Customers 1		
<input type="checkbox"/> BASF Group	View	Pending Validation
<input type="checkbox"/>	View	Pending Validation

Previous Next Exit

Catalog Publication

9 Choose **Catalog File Format: BMECAT**

10 Browse for the catalog file on your computer

10 Click **Validate and Publish**

Create a New Catalog

1 Details

2 Subscriptions

3 Content

UPLOAD YOUR CATALOG AND ATTACHMENT FILES

Catalog File Format:

Catalog File: No file selected.

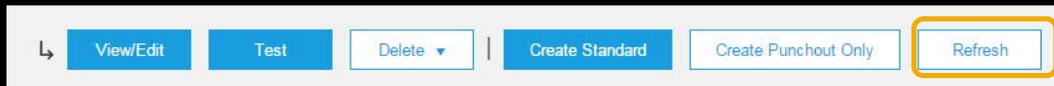
Images and Attachments File: No file selected.

! After you click, Validate and Publish, please wait for the catalog to finish upl

Catalog status

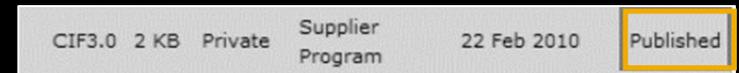
After the catalog has been uploaded, Ariba Network begins the catalog validation.

You can **check your catalogs status** by clicking the **Refresh** button on the catalog dashboard – This will update your catalog status.



Published

After Ariba Network completes the upload, if there are no network validation errors, the catalog status is changed to Published



Pending Buyer Validation

When the catalog is sent into the Buyer's SAP Ariba Procurement and the buyer-specific validation starts, the catalog status will change to Pending Buyer Validation.



Catalog validation errors

Errors can occur when:

- validating against the high-level Ariba Network rules
- validating against buyer-specific validation rules

Catalog Name	Version	File Name	Type	Size	Visibility	Created By	Date Created	Status
DE_THF	1	CIF	CIF3.0	21 MB		Klaus	28 Aug 2006	100 Errors Found by Ariba Network
DK 9002831	1	DK 9002831	CIF3.0	619 B	Private	E-Business DE	23 Feb 2016	1 Validation Errors Found by Customer

Note: Even if a catalog passes the high-level Ariba Network validation rules, you could still receive a notification informing you that the catalog has failed the buyer-specific catalog validation rules.

How to check catalog errors

Click the **View/Edit** button on the dashboard

On tab **Errors** review the error details

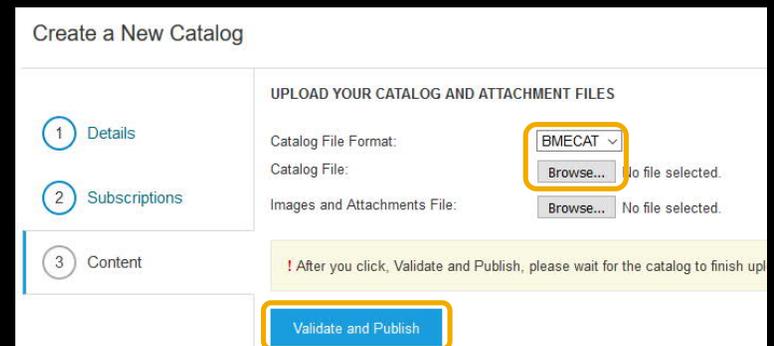
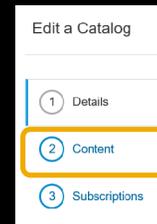
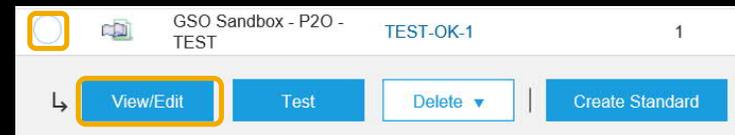
The screenshot shows the catalog management interface. At the top, there are buttons for 'View/Edit', 'Test', 'Delete', 'Create Standard', 'Create Punchout Only', and 'Refresh'. Below this, there is a navigation menu with four tabs: 'Details', 'Content', 'Errors', and 'Subscriptions'. The 'Errors' tab is selected, and a yellow arrow points to it. The main content area displays a message: 'The catalog file contains errors. To fix the error, upload a new catalog file or click the item in the Upload new catalog file.' Below this message is a table titled 'Catalog Validation Errors' with the following data:

Description ↑	Field	Line Number in Your Catalog File
Missing fields in line	Missing Field	70
Missing fields in line	Missing Field	69
Missing fields in line	Missing Field	68
Missing fields in line	Missing Field	67

Catalog update/correction

When you update or correct your existing catalog, a new version of this catalog should be uploaded in your Ariba Network account.

- 1 Select your existing catalog
- 2 Click **View/Edit**
- 3 Click **Content**
- 4 Click **Upload Catalog File**
- 5 Choose file format BMECAT and browse catalog file on your computer.
- 6 Click **Validate and Publish**





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