

Ariba Network CIF Catalog Guide



Agenda

- What is a CIF Catalog?
- CIF Catalog Enablement
- Publishing a Catalog on Ariba Network
- Updating CIF Catalog

What is CIF Catalog?

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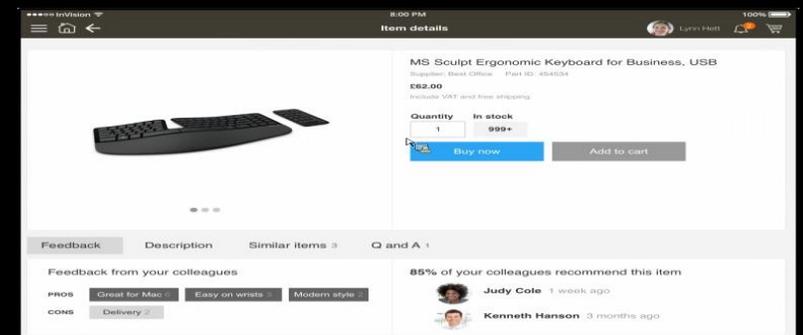
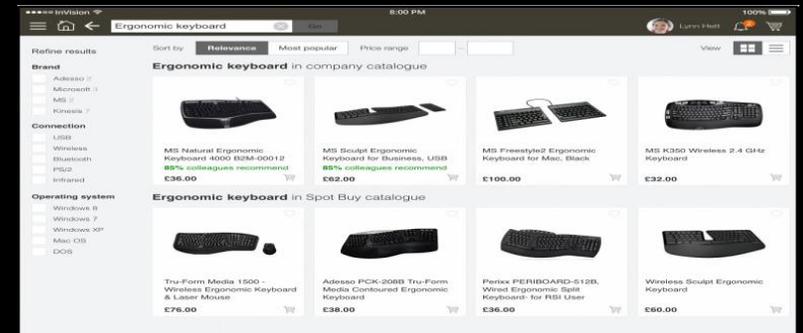
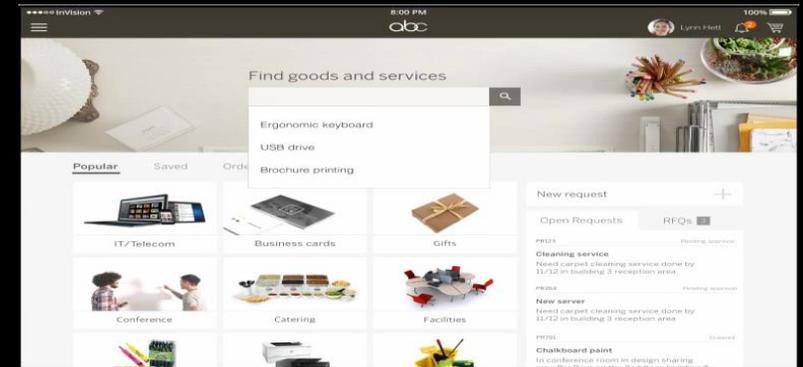


What is CIF Catalog?

- A static catalog (CIF) is a text file stored on Ariba Network that describes the products and services your organization offers and the prices you charge. **Knorr-Bremse's** users access your catalog through SAP Ariba Procurement to purchase your products and services offerings.
- It allows:
 - Rapid Deployment
 - Great Compliance Control
 - Low Setup Cost and Complexity
- Knorr-Bremse's users will be able to:
 - See;
 - Compare;
 - Buy;
 - ...your items from SAP Ariba Procurement.

User Interface (customer users) – Items View

- Search for Items or browse through the different Categories
- Returned search results
- Single item view



CIF Catalog Enablement

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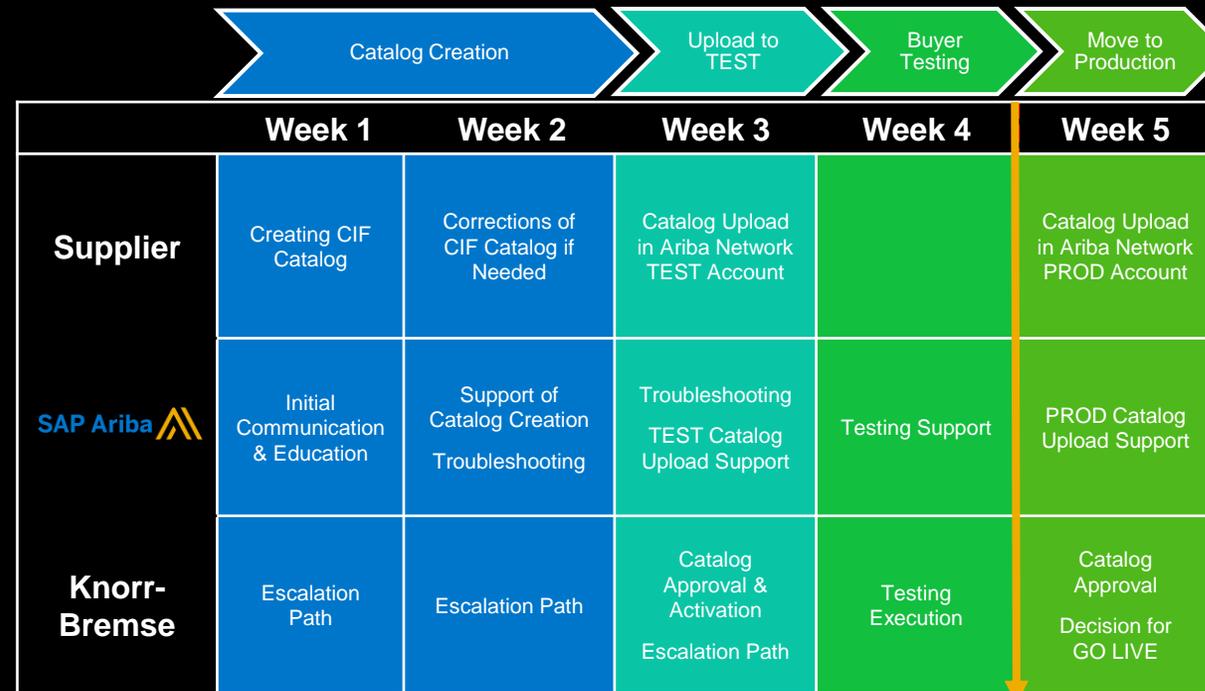
CIF Catalog Enablement

Buyer's Prerequisites to Start:

- Catalog Requirements Completed
- Catalog Approvers Identified
- Commodity Codes & UoM Loaded
- Supplier Master Data Enriched (Supplier ANID Added)
- Escalation Path Defined
- Catalog Content Clarified with Supplier

Supplier's Prerequisites to Start:

- Catalog Content Clarified with Knorr-Bremse
- Ariba Network Trading Relationship Established
- Ariba Network Test Account Created



Buyer Testing might be extended up to 8 weeks if transaction integration is requested by the Supplier

Publishing a Catalog on Ariba Network

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Ariba Network Access, Catalog Publication

1 Access your Ariba Network Account

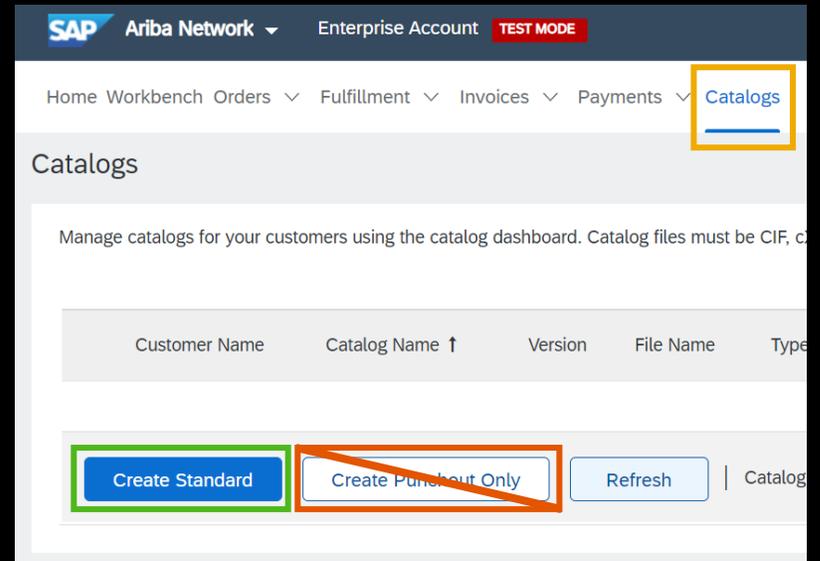
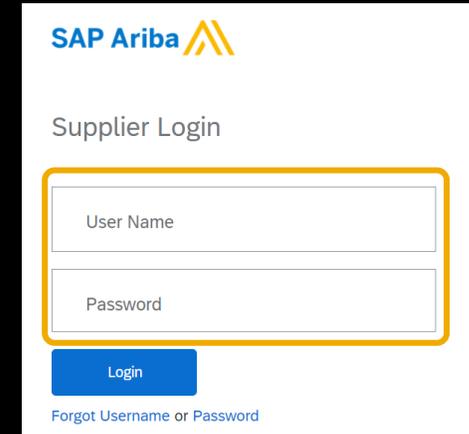
Go to: <http://supplier.ariba.com>

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

- 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** which has been communicated to you.

This needs to match Knorr-Bremse's naming convention provided in the introductory email from SAP Ariba

5 Click **Next**

6 Select **Private**

7 Select Knorr-Bremse in your customers' list.

8 Click **Next**

The screenshot shows the 'Create a New Catalog' form in SAP Ariba Network. The 'Catalog Name' field is highlighted with a yellow box and contains the text 'CUSTOMER_SUPPLIER_GB_CIF'. The 'Next' button at the bottom right is also highlighted with a yellow box.

The screenshot shows the 'Customers' selection screen in SAP Ariba Network. The 'Private' radio button is selected and highlighted with a yellow box. The 'GSO Combo Sandbox - P2O / InvPro - TEST' customer is selected in the list, also highlighted with a yellow box. The 'Next' button at the bottom right is highlighted with a yellow box.

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

Catalog Publication

9 Click **Choose File** and browse to 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: CIF

Catalog File: Choose File No file chosen

Images and Attachments File: Choose File No file chosen

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

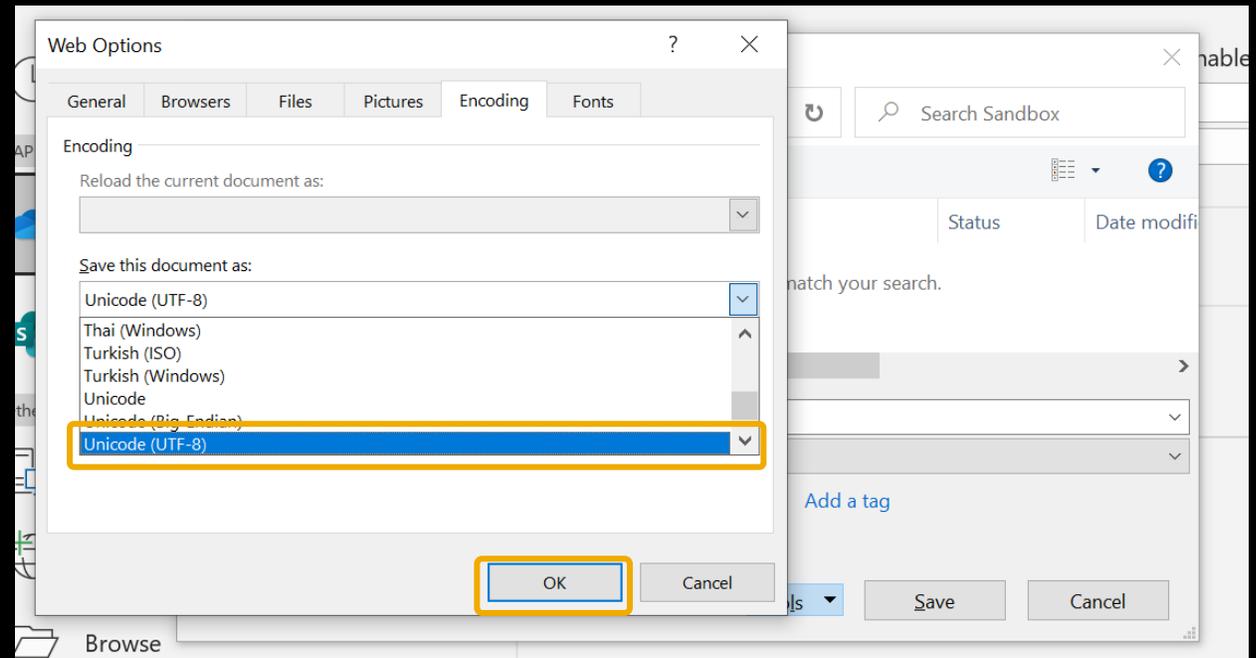
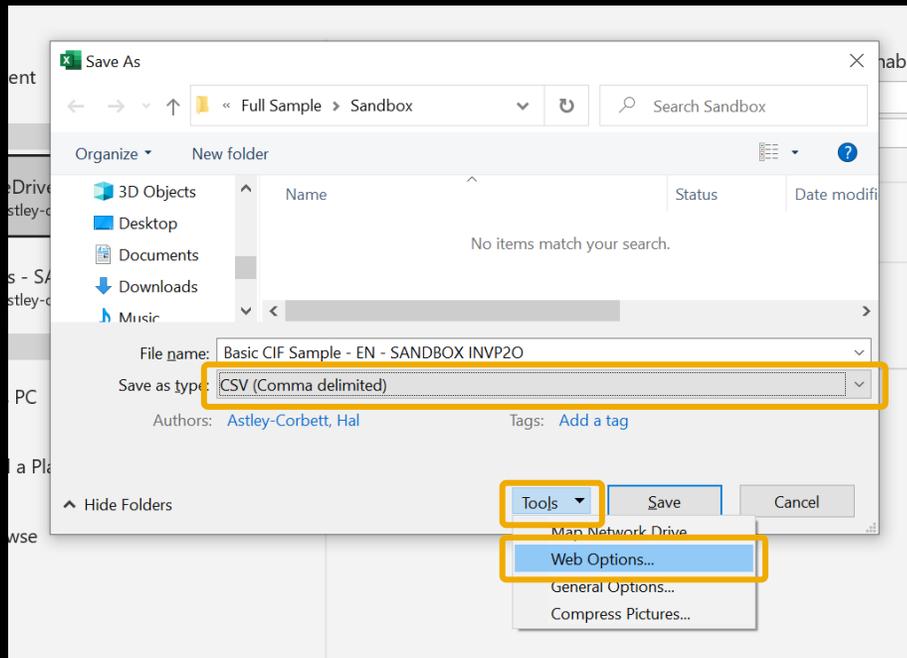
Validate and Publish

Note: Knorr-Bremse Procurement application is **CMS-enabled**. You must convert your .xls catalog file into a .cif file (see next slides).

Converting the Excel File into .csv file

You must convert your .xls file into .cif format to be able to upload your CIF Catalog on your account.

- First, convert the Excel file into .csv format : Open your template, select Save As option. On the pop up window click on **Tools** and select **Web Options**. In the Web Options window, click on the **Encoding** tab and select **Unicode (UTF-8)**. Save the file as **CSV file** then click OK.
- Save the template.



Convert your .csv file into .cif file

- Once your template is a CSV file, open it with Notepad and delete all the commas and quotation marks from the header, before and after DATA/END OF DATA lines and quotation marks in the FIELDNAMES line but **do not modify data lines**, save it once it is done.
- Then rename the file with the extension **.cif** (instead of .csv): Ex. Template cif deck.cif

```
1 CIF I V3.0,
2 CHARSET:UTF-8,
3 LOADMODE:F,
4 CODEFORMAT:UNSPSC,
5 CURRENCY:EUR,
6 SUPPLIERID_DOMAIN:NetworkID,
7 TIMESTAMP:19/02/2013,
8 ITEMCOUNT:3,
9 UNUOM:FALSE,
10 COMMENTS:Any comments can go here,
11 FIELDNAMES:Supplier ID,Supplier Part ID,Manufacturer Part ID,Item Description,SPSC Code,Unit Price,Unit of Measure,Lead Time,
12 DATA
13 AN01548459897-t,laptop 1,Manufacturer ID 1,"The new SuperBook ABC Laptop PC combines finesse, lightness and elegance
14 AN01548459897-t,HDD 1,Manufacturer ID 12,"Equip your computer with 2T hard drives to stream your multimedia content,
15 AN01548459897-t,service,"If you need help installing your computer, you can purchase the service of an expert who will be ava
16 ENDOFDATA,
```

Remove all “,” in the header and after DATA

```
CIF I V3.0
CHARSET:UTF-8
LOADMODE:F
CODEFORMAT:UNSPSC
CURRENCY:EUR
SUPPLIERID_DOMAIN:NetworkID
TIMESTAMP:19/02/2013
ITEMCOUNT:3
UNUOM:FALSE
COMMENTS:Any comments can go here
FIELDNAMES:Supplier ID,Supplier Part ID,Manufacturer Part ID,Item Description,SPSC Code,Unit Price,Unit of Measure,Lead Time,
AN01548459897-t,laptop 1,Manufacturer ID 1,"The new SuperBook ABC Laptop PC combines finesse, lightness and elegance in a chas
AN01548459897-t,HDD 1,Manufacturer ID 12,"Equip your computer with 2T hard drives to stream your multimedia content, save your
AN01548459897-t,service,"If you need help installing your computer, you can purchase the service of an expert who will be ava
```

Ensure that the “,” are still present in the FIELDNAME line and in the CONTENT

- For special/non-english characters (for example ö, ü, etc.) you have to save your file as UTF-8-BOM. We recommend this be done systematically.

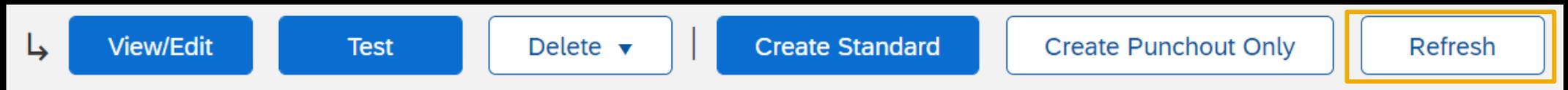
```
*C:\Users\I336205\OneDrive - SAP SE\Documents - Catalogue Enablement - CIF Catalogues\Basic CIF Template - BUYER Ltd.cif - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
ANSI
Basic CIF Template - BU
UTF-8
1 CIF I V3.0 UTF-8-BOM
2 CHARSET:U UCS-2 BE BOM
3 LOADMODE: UCS-2 LE BOM
4 CODEFORMA Character sets
5 CURRENCY: Convert to ANSI
6 SUPPLIERI Convert to UTF-8
7 TIMESTAMP Convert to UTF-8-BOM
8 ITEMCOUNT Convert to UCS-2 BE BOM
9 UNUOM:FAL Convert to UCS-2 LE BOM
10 COMMENTS:
11 FIELDNAMES: Supplier ID,Supplier Part ID,Manufacturer Part ID,Item Description,SPSC Code,Unit Price,Unit of M
12 DATA
13 AN01548459897-t,laptop 1,Manufacturer ID 1,"The new SuperBook ABC Laptop PC combines finesse, lightness and e
```

Important: you need to ensure that the fields are separated by commas (,) and not by semi-colons (;)

Catalog Publication

- After the entire catalog has been uploaded:
 - Ariba Network begins the catalog validation
 - It can take several minutes to validate large catalogs
 - Ariba Network stores new catalogs in a queue and validates them one by one
- You can upload other catalogs while Ariba Network is validating.

- Once you have completed uploading your catalog(s):
 - DO NOT** log out
 - Click the “**Refresh**” button on the catalog dashboard to update your catalog status.



Catalog Validation - Status

- After Ariba Network completes the upload, if there are no network validation errors, the catalog status is changed to **Published** and a network-generated email is sent to Knorr-Bremse.
- As Knorr-Bremse is using AutoSubscriptionSync, the catalog is pulled into the SAP Ariba Procurement to begin the Knorr-Bremse-specific validations and the status will change to **Pending Buyer Validation**.

File Name	Type	Size	Visibility	Created By	Date Created	Status
Basic CIF Sample - EN - SANDBOX INVP20.cif	CIF	8 KB	Private	John Supplierowski	29 Apr 2021	Published

File Name	Type	Size	Visibility	Created By	Date Created	Status
Basic CIF Sample - EN - SANDBOX INVP20.cif	CIF	8 KB	Private	John Supplierowski	29 Apr 2021	Pending Buyer Validation

Catalog Validation/Errors

Errors can occur when:

- Validating against the high-level Ariba Network rules.

Catalog Name ↑	Version	File Name	Type	Size	Visibility	Created By	Date Created	Status
CUSTOMER_SUPPLIER_FR_CIF	1	Basic CIF Sample - EN - SANDBOX INVP20 - with errors.cif	CIF3.0	8 KB	Private	John Supplierowski	29 Apr 2021	10 Errors Found by Ariba Network

- Validating against the **buyer**-specific validation rules.

Catalog Name ↑	Version	File Name	Type	Size	Visibility	Created By	Date Created	Status
CUSTOMER_SUPPLIER_FR_CIF	1	Basic CIF Sample - EN - SANDBOX INVP20 - with errors.cif	CIF3.0	8 KB	Private	John Supplierowski	29 Apr 2021	2 Validation Errors Found by Customer

Note: Even if a catalog passes the high-level Ariba Network validation rules, you could still receive a notification within 24 hours informing you the catalog has failed the buyer-specific catalog validation rules.

How to Correct Errors Found by Ariba Network

- Click on the red **Error** message

Catalog Name ↑	Version	File Name	Type	Size	Visibility	Created By	Date Created	Status
CUSTOMER_SUPPLIER_FR_CIF	1	Basic CIF Sample - EN - SANDBOX INVP20 - with errors.cif	CIF3.0	8 KB	Private	John Supplierowski	29 Apr 202	10 Errors Found by Ariba Network

← Click here

- One is sent directly to the “**Errors**” tab where one can review the error details

Description ↑	Field	Line Number in Your Catalog File	Customer
Classification code UNSPSC ghjghj is not known.	Classification Code	13	GSO Sandbox - P20 - TEST
Classification code UNSPSC ghjghj is not known.	Classification Code	17	GSO Sandbox - P20 - TEST
Classification code UNSPSC ghjghj is not known.	Classification Code	16	GSO Sandbox - P20 - TEST
Classification code UNSPSC ghjghj is not known.	Classification Code	18	GSO Sandbox - P20 - TEST
Classification code UNSPSC ghjghj is not known.	Classification Code	14	GSO Sandbox - P20 - TEST
Classification code UNSPSC ghjghj is not known.	Classification Code	22	GSO Sandbox - P20 - TEST
Classification code UNSPSC ghjghj is not known.	Classification Code	15	GSO Sandbox - P20 - TEST

Description of what is causing the error

In which field the error was found

Number of the line-item

Updating CIF Catalog

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Catalog Update – Step 1

When updating a catalog, it is **NOT** necessary to create a new standard. It is important to maintain the same catalog subscription name.

1 Select your catalog

2 Click **View/Edit**

3 Click **Content**

4 Click **Download Catalog File**

Customer Name	Catalog Name ↑	Version	File Name	Type	Size	Visibility	Created By	Date Created
GSO Combo Sandbox - P2O / InvPro - TEST	CUSTOMER_SUPPLIER_GB_CIF	1	Basic CIF Sample - EN - SANDBOX INVP20.cif	CIF	8 KB	Private	John Supplierowski	29 Apr 2021

→ **View/Edit** Test Delete | Create Standard Create Punchout Only Refresh | Catalog Name

Edit a Catalog

Previous Create New Version **Upload Catalog File** **Download Catalog File**

View and edit the contents of a catalog. Add or remove items from a catalog. To replace the existing catalog file, click Up

1 Details 2 **Content** 3 Subscriptions

Content Items

Item No.	Supplier ID	Supplier Part ID	Manufacturer Part ID	Item Desc
				The new SuperBoo Laptop PC combines

Catalog Update – Step 2

1 Click **Download as CIF**, for ease of editing, you can convert the file to Excel and download it. Each button will change from grey to black as you follow the process.

2 Click **Convert to Excel** and wait for the next button to highlight

3 Click **Refresh Status** and wait for the next button to highlight

4 Click **Download as Excel** and save the file to your computer

5 Click **Exit**

CIF Download

Created at: Thursday 29 Apr 2021 9:51 AM GMT+02:00
Size: 8 KB
Type: CIF3.0
Status: Ready

Download as CIF

Excel Download

Click 'Convert to Excel' to convert the catalog file to Excel format. Then click 'Refresh Status' to refresh the converted Excel file.

Created at:
Size:
Type: Excel
Status:

Convert to Excel Refresh Status Download as Excel

Catalog Update – Step 3

Open the downloaded file in Excel and enable editing and make necessary changes.

	A	B	C	D	E	F	G	H	I
5	CURRENCY:	USD							
6	SUPPLIERID_DOMAIN:	NetworkID							
7	TIMESTAMP:	41324.563							
8	ITEMCOUNT:	11							
9	UNUOM:	FALSE							
10	COMMENTS:	full sample CIF for the Sandbox InvP20							
11	FIELDNAMES: Supplier ID	Supplier Part	Manufacturer Part ID	Item Description	SPSC Code	Unit Price	Unit of Measure	Lead Time	Manufacturer
12	DATA								
13	an01048459897-t	laptop_1	Manufacturer_ID_1	The new SuperBook ABC Laptop PC combines finesse, lightness and e	4321	499.99	EA	8	Tricolore
14	an01048459897-t	laptop_1	Manufacturer_ID_2	Le nouveau PC Portable SuperBook ABC conjugue finesse, légèreté et	4321	450	EA	8	Tricolore
15	an01048459897-t	mouse_1	Manufacturer_ID_5	The new generation of MusMouse mice has arrived! MusMouse strik	4321	25	EA	5	Tricolore
16	ENDOFDATA								

Catalog Update – Step 4

Once your new catalog version is ready, log in your Ariba Network account.

1 Select your catalog

2 Click **View/Edit**

3 Click **Content**

4 Click **Upload Catalog File**

Customer Name	Catalog Name ↑	Version	File Name	Type	Size	Visibility	Created By	Date Created
GSO Combo Sandbox - P2O / InvPro - TEST	CUSTOMER_SUPPLIER_GB_CIF	1	Basic CIF Sample - EN - SANDBOX INVP2O.cif	CIF	8 KB	Private	John Supplierowski	29 Apr 2021

View/Edit Test Delete Create Standard Create Punchout Only Refresh

Edit a Catalog Previous Create New Version Upload Catalog File Download Catalog File

View and edit the contents of a catalog. Add or remove items from a catalog. To replace the existing catalog file, click Up

1 Details 2 Content 3 Subscriptions

Content Items

Item No.	Supplier ID	Supplier Part ID	Manufacturer Part ID	Item Desc
				The new SuperBook Laptop PC combines

Catalog Update – Step 5

1 Click **Choose File** and browse to the catalog file on your computer.

2 Click **Validate and Publish**

The screenshot shows the 'Edit a Catalog' interface. On the left, a navigation pane has three items: '1 Details', '2 Upload Catalog File', and '3 Content'. The 'Upload Catalog File' item is highlighted with a blue border and a small '1' next to it. The main area is titled 'UPLOAD YOUR CATALOG AND ATTACHMENT FILES'. It contains a 'Catalog File Format' dropdown menu set to 'CIF'. Below it are two 'Choose File' buttons. The first button is highlighted with a blue border and a small '2' next to it, and its text is 'Choose File No file chosen'. The second button is also highlighted with a blue border and has the text 'Choose File No file chosen'. At the bottom of the main area is a blue button labeled 'Validate and Publish'. A yellow warning banner at the bottom of the main area contains the text: '! After you click, Validate and Publish, please wait for the catalog to finish uploading.'

Catalog Update – Latest Version Only

- The latest version is the only one available for modifications.
- To access previous versions, you must delete the more recent versions first.
- When a catalog has several versions, you can delete all of them by clicking: Delete > All versions or only delete the latest version by selecting the catalog and clicking Delete > Latest Version Only

The screenshot shows the SAP Ariba Network interface. At the top, there's a navigation bar with 'SAP Ariba Network', 'Enterprise Account', and 'TEST MODE'. Below that, a breadcrumb trail includes 'Home', 'Workbench', 'Orders', 'Fulfillment', 'Invoices', 'Payments', 'Catalogs', and 'Reports'. The main heading is 'Catalogs'. A descriptive text says: 'Manage catalogs for your customers using the catalog dashboard. Catalog files must be CIF, cXML, or Excel files (.cif, .xml, .xls or .zip). Some customer...'.

Customer Name	Catalog Name ↑	Version	File Name	Type	Size	Visibility	Created
GSO Sandbox - P20 - TEST	CUSTOMER_SUPPLIER_FR_CIF	2	Basic CIF Sample - EN - SANDBOX INVP20.cif	CIF3.0	8 KB	Private	John Supplier
GSO Sandbox - P20 - TEST	CUSTOMER_SUPPLIER_FR_CIF	1	Basic CIF Sample - EN - SANDBOX INVP20.cif	CIF3.0	8 KB	Private	John Supplier

At the bottom, there are several buttons: 'View/Edit', 'Test', 'Delete', 'Create Standard', 'Create Punchout Only', and 'Refresh'. The 'Delete' button has a dropdown menu open, showing 'Latest Version Only' and 'All Versions'. A yellow box highlights the 'Delete' button and its dropdown, with a '2' next to it. A yellow box highlights the first row of the table, with a '1' next to it.

Thank you

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