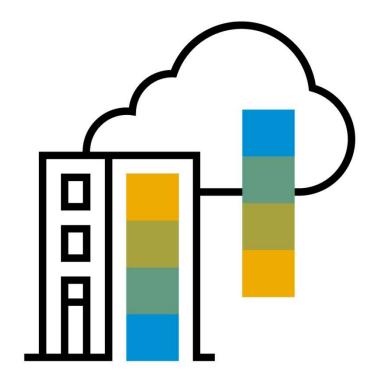


Creating and Publishing Static Catalogs for Corteva

PUBLIC



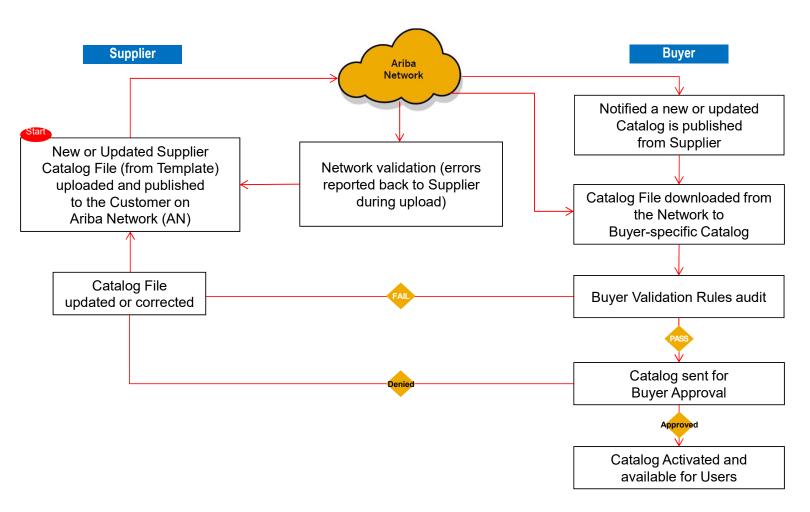


Session Agenda

- The Catalog Upload Process
- The CIF Catalog Template
- Creating a CIF Catalog
- The Catalog User Interface
- Uploading and Publishing New Catalogs
- Replacing Existing Catalogs
- Questions

The Catalog Upload Process

The Catalog Upload Process



The Catalog Upload Process

- When you upload a Catalog for your Customer, you are loading the file to Ariba Network (AN)—not directly to your Customer's Catalog
- Once the file is loaded to the Network, your Customer is notified that a Catalog has been loaded
- Depending on the configuration of the Customer's environment:
- The Catalog will then be validated, audited and sent for Approval
- If Approved, it will be Activated and available for Users
- If Rejected, it will be returned to the Supplier for corrections, and the process starts over again

The Catalog Template

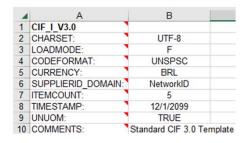
The Catalog Template

- Both Static and PunchOut Catalogs use Catalog Templates
- Static Catalogs are generally created offline and uploaded to the Ariba Network
- PunchOut Catalogs can be created offline, but there is also a Wizard on the Network to create PunchOut Catalog files—these are special static files called "Index Files".

7

The CIF Catalog Template

CIF Catalogs are the most common type of static Catalogs. For ease of CIF Catalog creation, we provide Suppliers with an Excel template. The Supplier then creates and uploads the Catalog file to Ariba Network. Below is a sample of an Excel CIF Template:



Header section

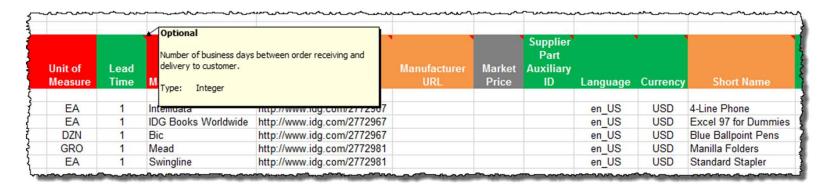
	FIELDNAMES: Supplier ID	Supplier Part ID	Manufacturer Part ID	Item Description	SPSC Code	Unit Price	Unit of Measure	Lead Time	N.
12	DATA								
13	AN9999999999	2772882	TTSIBM412CID	4-Line System Phone with Headset and Caller ID	43191504	45.24	EA	1	Int
14	AN9999999999	2772967	IDG076450049X	Excel 97 for Dummies Quick Reference Book	55101509	19.99	EA	1	ID
15	AN9999999999	2772276	IDG076458722	Blue Ballpoint Pens, Disposable	44121704	5.45	DZN	1	Bi
16	AN9999999999	2772981	IDG076450052X	Manilla Folders, Tabbed 3 Position	44122011	19.99	GRO	1	Me
17	AN9999999999	2772985	IDG07645762	Stapler, Swingline 405, Black	44121615	4.95	EA	1	Sv
18	ENDOFDATA								

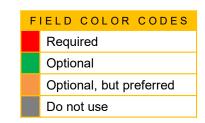
Data section

The CIF Catalog Template

The Template is color coded and has Tool Tips that provide information about how to treat each field.

Each Template includes specific instructions, including custom fields or other requirements set by your Customer.





The CIF Template and instructions are provided to Suppliers as part of this education and can also be found on the Customer's Supplier Portal page on the AN.

General Rules

- All fields marked "Required" must be populated
- Supplier Part Numbers must be unique per item
- Commodity Codes must be assigned to each item

Best Practices

- Data should be submitted in "Sentence case"—using both upper and lower case letters—not in ALL CAPS or all lower case text
- Abbreviations should be kept to a minimum—if you have the space, spell it out
- Be descriptive in the Description field—all the words are indexed for ease of finding the items
- Use Short Names not just Descriptions—it makes it easier for Users, and you get an additional 50 characters to describe your item
- Always include images

Ariba Network – File Size Limits

- CIF Format: When using the catalog wizard, the catalog file can't exceed 95 MB or 400,000 lines.
- Excel Format: The maximum size of zipped Excel file that you can upload is 1 MB (uncompressed). If your Excel files exceed these size, you can convert them to CIF manually and upload the CIF files. Ariba Network uploads the file, unzips it if necessary, converts it to CIF format, and starts validation. Conversion from Excel to CIF can take several minutes depending on the catalog size. As Excel files convert, their status is Validating.
- cXML Format: If you use the cXML CatalogUploadRequest transaction, the zipped catalog file cannot exceed 10 MB, and the unzipped CIF file cannot exceed 95 MB (approximately 400,000 line items). To have this default size limit increased to 200 MB, contact SAP Ariba Customer Support.

The Header Section

4	Α	В
1	CIF_I_V3.0	
2	CHARSET:	UTF-8
3	LOADMODE:	F
4	CODEFORMAT:	UNSPSC
5	CURRENCY:	BRL
6	SUPPLIERID_DOMAIN:	NetworkID
7	ITEMCOUNT:	5
8	TIMESTAMP:	12/1/2099
9	UNUOM:	TRUE
10	COMMENTS:	Standard CIF 3.0 Tem

Note: The only fields that Suppliers should modify in the Template are indicated in red: **CURRENCY**, **ITEMCOUNT**, **TIMESTAMP** and **COMMENTS**. All the other fields are predefined in the Template for the Customer and should not be modified, unless instructed by a Catalog Expert.

- CIF_I_V3.0—Specifies the Catalog format (CIF 3.0). Do not change this value
- CHARSET—UTF-8 Specifies the data coding type. Do not change this value, unless instructed by your Catalog Expert
- LOADMODE—F (Full) or I (Incremental)
- CODEFORMAT—Specifies the commodity coding (UNSPSC: United Nations Standard Products and Services Code) in the field "SPSC Code"
- CURRENCY—Specifies the currency used for the prices. The value "USD" (United States Dollar) is here by default and can be changed to a difference currency
- SUPPLIERID_DOMAIN—Specifies the Domain used. The preferred value is the Supplier's Ariba Network ID Number—"NetworkID". Other values include "DUNS", "internalsupplierid" or other custom values
- ITEMCOUNT—Specifies the number of items of the Catalog. Enter the total number of all items between the DATA and ENDOFDATA markers
- TIMESTAMP—Enter the date you created your Catalog.
- UNUOM—If set to "TRUE", the Unit Of Measure is set to UNUOM (United Nations Unit of Measure); if set to "FALSE", the value is set to ANSI. (Ariba recommends UNUOM)
- COMMENTS—This field is optional, but can be used for comments related to your Catalog. It is a good
 place to enter the Supplier Name, the Customer Name and Catalog Name

The Data Section

Supplier ID	Supplier Part ID	Manufacturer Part ID
AN9999999999	12345	CFG 11562
AN9999999999	87690	87690-12
AN9999999999	479-56	A100-BLK

Supplier ID - Required

Description: If the Header is set to "NetworkID", then enter the Supplier's Ariba Network ID, otherwise the appropriate value for the Domain used—DUNS, internal system, etc. Ask your Catalog Expert if you have questions

Type of data: String
Maximum length: 255
Example: AN9999999999

Note: If you publish the Catalog in your test account, add a suffix -T to your ANID or DUNS number like

this: AN99999999999-T

Supplier Part ID - Required

Description: Part Number used by the Supplier. The Part Number must be unique for each item in the

Catalog.

Type of data: String
Maximum length: 255
Example: 2772882

Manufacturer Part ID - Optional

Description: A Part Number that a Manufacturer uses

Type of data: String
Maximum length: 255
Example: TTSIBM412CID

Item Description	SPSC Code	Unit Price
Pens, Bic, Ballpoint, Blue, 1 dozen	43191504	3.48
Stapler, Swingline, Black	55010125	18.72
Post-It, Yellow, 1"x2", pad of 100	15874236	6.49
Folders, Letter, Manilla, 100	89745125	12.98

Item Description - Required

Description: Description of the product or service. Make your descriptions as clear and complete as possible (Item type, brand, model, color, etc.)

Note: To use a special character as a literal value, you need to "escape" it by putting a backslash (\) in front of it. For example, \" lets a double quote be seen as a quote instead of a delimiter for an entry. To escape a quote (") within a quoted field, use two quotes ("")

Type of data: String
Maximum length: 2000

Example: Printer, Laser, A4, Epson Stylus Color 740

SPSC Code – Required

Description: Classification of the product or service. Use a UNSPSC code if the Header specifies

"UNSPSC" as the CODEFORMAT

Type of data: String Maximum length: 40

Example: 45678900 (level 3) and 45678923 (level 4)

Note: Ariba supports UNSPSC Version 13.5. A code list is available in your Customer's Supplier

Information Portal

Unit Price - Required

Description: Price without any taxes – Net price.

Type of data: Decimal Example: 4.32 or 1234.78

Note: To separate the integer from the decimal, you must use a 'dot' and not a comma. Also, do not use a

comma to indicate 'thousands'. Do not include any currency symbols such as \$, £ or ¥.

Unit of Measure	Lead Time	Manufacturer Name
EA	1	Intelidata
EA	1	IDG Book
DZN	3	Bic
EA	1	Swingline

Unit of Measure - Required

Description: Unit of measure related to the Unit Price. Use a United Nations UOM if the UNUOM in the

Header is set to "True"

Type of data: String

Maximum length: 32

Example: BX

Note: A file containing the Units of Measure is available in your Customer's Supplier Information Portal

Lead Time - Required

Description: Number of working days for the product to be shipped from the date you receive the

Purchase Order

Type of data: Integer Maximum length: 40

Example: 1

Manufacturer Name - Optional

Description: Name of the manufacturer

Type of data: String
Maximum length: 255
Example: Epson

Supplier URL	Manufacturer URL	Market Price
https://www.supplier.com	https://www.manu.com	
https://www.supplier.com		
https://www.supplier.com		
https://www.supplier.com		

Supplier URL - Optional

Description: A URL that links to a Supplier static page about the item (could be a MSDS, construction

info, packaging info, etc.) *Type of data:* String *Maximum length:* 255

Example: https://www.supply.com/Catalog/product18.htm

Manufacturer URL - Optional

Description: A URL that links to a Manufacturer's static page about the item (could be a MSDS,

construction info, packaging info, etc.)

Type of data: String
Maximum length: 255

Example: https://www.manu.com/Catalog/product18.htm

Market Price – Not Used but must remain in the catalog template

Description: List or retail price.

Note: Does not show on the Ariba UI—this is an informational-only field for Suppliers

Type of data: Decimal Example: 4.32 or 1234.78

Note: To separate the integer from the decimal, you must use a 'dot' and not a comma. Also, do not use a

comma to indicate 'thousands'. Do not include any currency symbols such as \$, £ or ¥.

Supplier Part Auxiliary ID	Language	Currency
1234-75	pt_BR	BRL
	pt_BR	BRL
	pt_BR	BRL
	pt_BR	BRL

Supplier Part Auxiliary ID - Optional

Description: Uniquely identifies a single item. For example, items in multiple languages or available in

multiple units of measure *Type of data:* String *Maximum length:* 255 *Example:* 1234 French

Note: If any items have the same reference (Supplier Part ID column), this column allows you to

differentiate them

Language – Optional (If blank, defaults to 'en_US')

Description: Specifies the language used to describe the item.

Type of data: String
Maximum length: 255
Example: pt BR

Note: A listing of language codes is in your Customer's Supplier Information Portal

Currency - Optional (Set in Header)

Description: Specifies the currency used for the prices

Type of data: String
Maximum length: 32

Example: BRL

Note: A listing of currency codes is in your Customer's Supplier Information Portal

Short Name Soft Drink, Soda, Dr Pepper Dairy, Milk, 1% milkfat Coffee, Dark Roast, Starbucks Soft Drink, Juice, Minute Maid

Short Name - Required

Description: Short description of the item. The Short Name is displayed first in the UI, and is in a larger type face and blue color. You can use the Short Name to describe a category or Item type, then give the specifics in the Item Description

Type of data: String

Example: Nylon Glove, Blue **Maximum length:** 50 characters

Note: If the "Short Name" field is left blank, the first 80 characters of the Item Description column will

automatically fill the "Short Name" field

lmage	Thumbnail
12354.jpg	https://www.1.com/12354.jpg
https://www.1.com/34.jpg	https://www.1.com/34.jpg
587.jpg	https://www.1.com/587.Jpg
https://www.1.36.jpg	https://www.1.36.jpg

Image – Optional, but preferred

Description: URL of the item's image (preferred), or filename of the image (sent in a zip file)

Supported image formats: JPG, JPEG, GIF, PNG, BMP—(JPG preferred)

Type of data: String
Maximum length: 255

Recommended Size: 250 x 250 pixels

■ Detail: Thumbnail - Optional

Description: URL of an Icon-size image of the item, or filename of the image (sent in the zip file)—can be

different from the product's full-size Image

Supported image formats: JPG, JPEG, GIF, PNG, BMP—(JPG preferred)

Type of data: String
Maximum length: 255

Recommended Size: 85 x 85 pixels

Note: If the "Thumbnail" field is left blank, the file in the "Image" field will be resized and populate the

Thumbnail

ncmcode	materialorigin	materialusage
1234.56.78	0	2
1234.56.79	0	2
1234.56.80	0	2
1234.56.81	0	2
1234.56.82	0	2
1234.56.83	0	2

ncmcode – Required

Description: Classification of goods that is issued by the Brazilian government and used to determine the

IPI tax rate.

Type of data: String Example: 2451.45.65

materialorigin – Required

Description: This indicator shows whether the products were produced inside Brazil or were imported. If the goods were imported, it also indicates whether they were imported directly by the company or not.

Origin of material list:

'0' National - except indicated for codes 3, 4, 5 or 8

'1' Foreign - imported directly

'2' Foreign - acquired nationally

'3' National - with import content over 40% and below/equal 70%

'4' National - production with tax incentive

'5' National - with import content less than or equal to 40%

'6' Foreign - imported directly, no similar nat., Res. CAMEX

'7' Foreign - acquired nationally, no similar nat., Res. CAMEX

'8' National - with import content over 70%

Type of data: String

Example: 0

materialusage – Required

Description: This indicator shows the intended usage of a particular material in inventory.

Type of data: String Materialusage list:

"0" - resale

"1" - industrialization

"2" - Consumption

"3" - assets

Example: 1

region	materialcode
SP	
SP	
SP	
SP	
SP SP SP SP SP	
SP	

■ region – Required

Description: A code to indicate the state (the federative units of Brazil), must be written in uppercase

22

letters.

Type of data: String Example: SP

materialcode – Optional

Description: Number of the material code on the customer system (ERP)

Type of data: String Example: 20087548

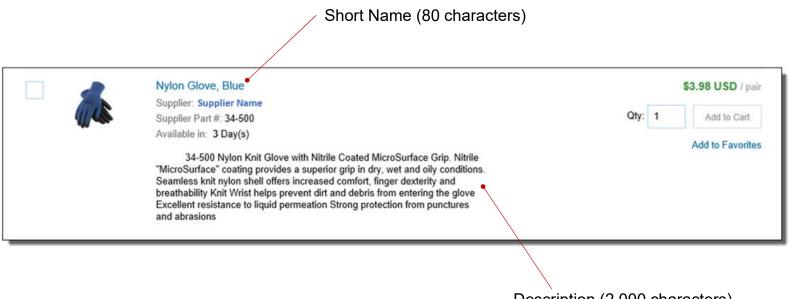
Special Notes for Images

- In the Catalog file, you can refer to a Remote Image—using a URL—or you can refer to a Local Image, and send that image to Ariba to store
- Using Remote Images is preferred
 - Be sure the URL in the Template is complete (including https://) Example: https://server/directory/imagefilename.jpg
 - Point to the image itself—not a program that serves up images
- If you use Local Images
 - Be sure the filename in the Template is *exact*—including upper and lower case *Example:* FileName.jpg -or- lowercasename.jpg
 - Load images in a zip file format with the Customer Name and Supplier Name on the AN

The Catalog User Interface

The Catalog Interface Item View

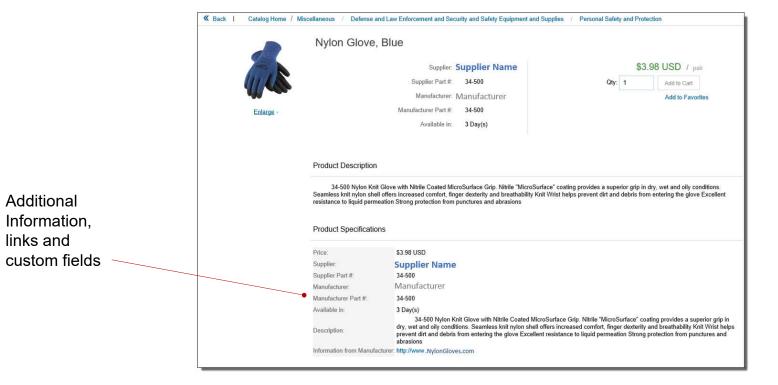
This is how a static Catalog item is displayed in the Catalog interface. Clicking on the Short Name takes you to the Details screen for this item.



Description (2,000 characters)

The Catalog Interface Detail View

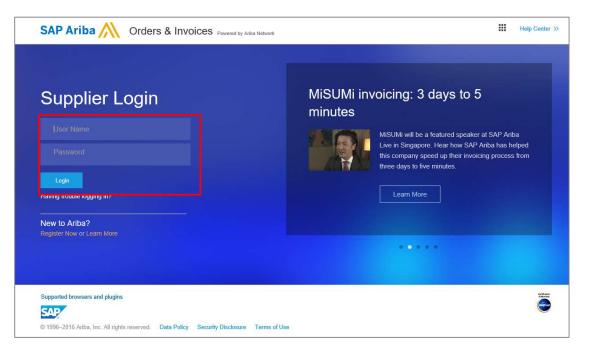
This is a how a static Catalog Item Detail view is displayed in the Catalog interface.



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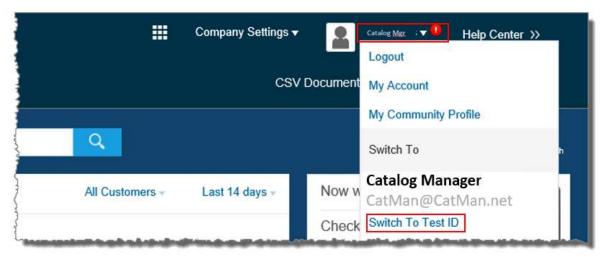
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- Login to Ariba Network
 - Go to: https://supplier.ariba.com
 - Log in with your Username and Password



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- Switch to your Test Account
 - Your Catalog should be loaded and tested in your Test Account. (Note: If you are instructed to load a Catalog to a Production account, just skip this step)
 - Find your name and click for the pull down menu, then click "Switch To Test ID"
 - If you don't see a "Switch to Test ID" link, your Test account has not yet been set up. Contact your Ariba Network Administrator



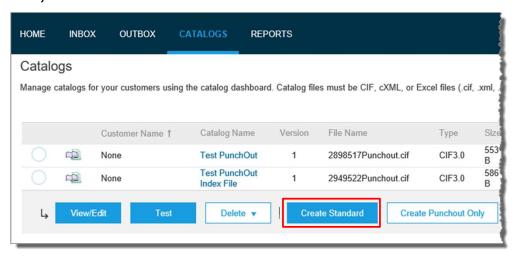
You will get a warning. "You are about to switch to Test Mode." Click "OK"

- When uploading a Catalog on Ariba Network, there are four steps you will follow:
 - 1. Uploading—Transfers the Catalog file from your local drive to Ariba Network. During the upload process, you enter the Catalog name (this becomes the "Subscription Name" in the Buyer's local Catalog) descriptive text, and classify it so that buying organizations that are looking for specific products and services can find your Catalog
 - 2. Setting Visibility—Allows you to specify whether the Catalog version is "Public" or "Private" and determines which of your Customers can access it
 - Validating—The Network checks the Catalog for errors, checks for zero price values and does a highlevel validation of UNSPSC codes and Units of Measure
 - (Note: Customer-specific validation rules for UNSPSC and UOM codes, and zero price values can be more detailed and much more strict than the high-level Network validations, therefore your Catalog may **pass** the Network validations but **fail** the Customer-specific validations for these same items)
 - 4. Publishing—Freezes the current version and notifies your Customer of the Catalog's availability

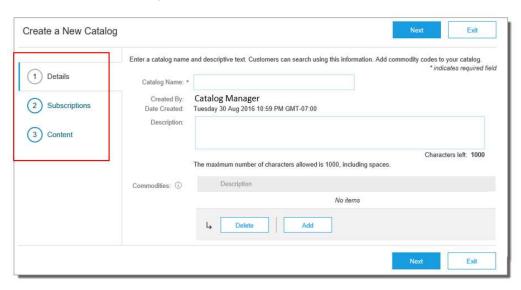
Navigate to the Catalogs Tab



On the Catalogs screen, click the "Create Standard" button

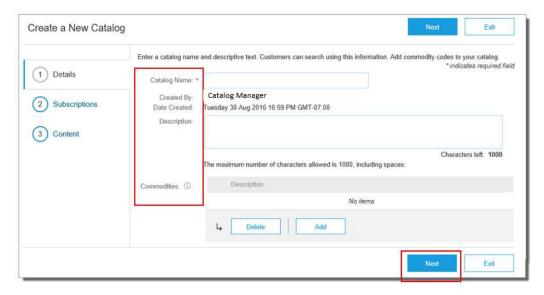


- You are now on the Create a New Catalog Screen
- To create the Catalog, there is a 3-step Wizard:
 - Details—General information about the Catalog
 - ② Subscriptions—Who you are publishing the Catalog to
 - 3 Content—Uploading the actual Catalog file
- Click "Next"



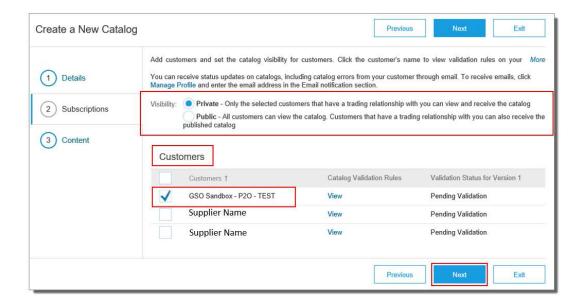
① Details

- Catalog Name: This becomes the "Subscription Name" for this Catalog that will not change. The format for this Name is set by your Customer. Ask for the format to use (no special characters are allowed, you can use a dash (-) or underscore(_)): SupplierName_Corteva_Region_CatalogType, for example: MySupplier_Corteva_BR_CIF
- Description: (Optional) Brief description of the content of your Catalog
- Commodities: (Optional) The UNSPSC code(s) that corresponds to the items family/ group of your Catalog. Use the "Add" button to find the code
- When you complete this screen, click "Next"



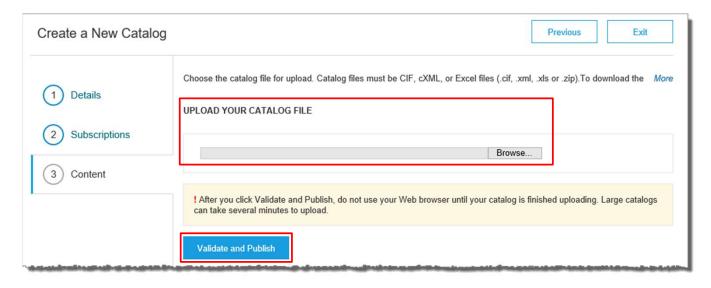
② Subscriptions

- You determine which Customers subscribe to your Catalog—specific Customer(s) or to all Customers on the Network
- Set the Visibility to "Private". You can select a single customer.
- To select your Customer, check the box next to their name in the "Customers" list.
- If the Supplier does not appear, it means that they have not established a relationship with your company yet. This is required prior to uploading a Catalog to them
- When you complete this screen, click "Next"

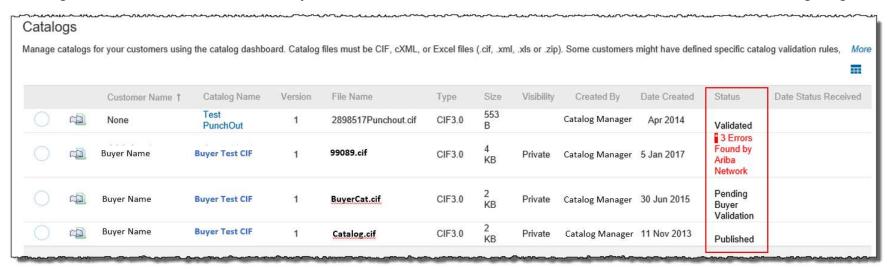


3 Content

- Select your Catalog File, by clicking "Browse" and pointing to your file
 - Your Excel file must not exceed 1 Mb, however you can use zip compression
 - If your Excel file is too large, you will need to convert it to a CIF. See the Appendix—"How to convert an Excel file to CIF"
- After you have selected your Catalog file, click the "Validate and Publish" button
- As your Catalog loads, the status will read "Validating" Click the "Refresh" button at the bottom of the screen to see the status change

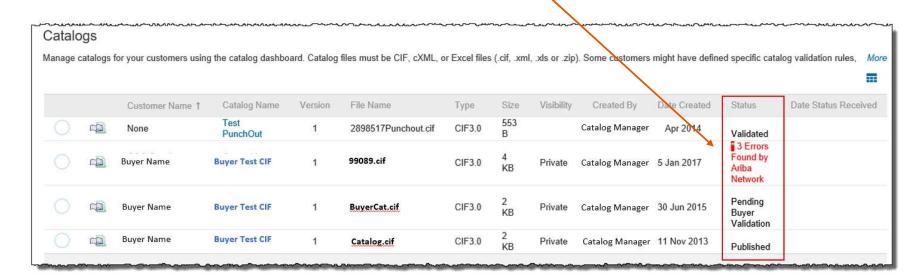


- Network Catalog Validation
 - After the Network completes validation, it changes the Catalog status from "Validating" to one of the following statuses:
 - Validated, Published or Pending Buyer Validation—your Catalog is error-free
 - Errors Found by Ariba Network—the Network detected Catalog content that violates validation rules
 - Bad Format—your Catalog failed the file validation check. Audit the file for problems in format
 - A Catalog with an error status means you need to review the error results and correct them before going on



Uploading and Publishing New Catalogs

- Correcting Validation Errors
 - To see the error detail, click on the "Errors Found" hyperlink:

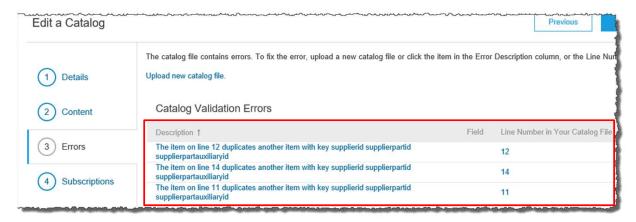


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Uploading and Publishing New Catalogs

- Viewing Validation Errors
 - The Network displays Description, Field and Line Number for each error



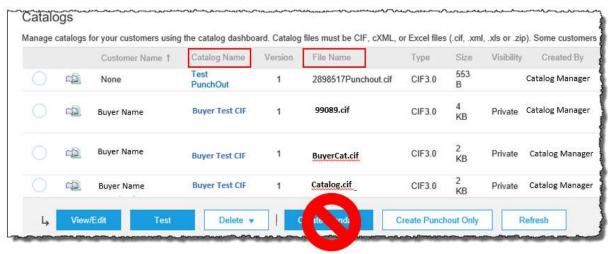
- In this case, the Network is telling us that the Supplier Part Number is not unique on lines 11, 12 and 14
- To correct any issues, go back to the original Excel Catalog file, make the corrections, then update the Catalog file, and upload the new version to replace the existing Catalog

Uploading and Publishing New Catalogs

- Customer Approval
 - When your Catalog passes the Network upload validation, your Customer is then notified to audit, validate and approve your Catalog. The Network may show any of these statuses: "Published", "Validated by Customer" or "Pending Buyer Validation"—note that these are all valid statuses
 - Each Customer may have specific validation rules—and these rules may be more strict than the standard Network rules. This means that your Catalog could pass the Network validation, but fail the Customerspecific rules and be returned to you
 - If your Customer finds anything in your Catalog file that requires your attention, you will be notified by e-Mail
 - Corrections should be made to the original Excel file, then the corrected Catalog file needs to be uploaded to the Network
 - Each Catalog must pass both the Network validation, and the Customer audit before it can be loaded into the Customer's buying application and be available for their Users

To replace an existing Catalog, the steps are almost the same as uploading a new Catalog for the Customer.

- Log into your Ariba Network account
- Navigate to Catalogs
- Update the Catalog—using "View/Edit"
 - When replacing an existing Catalog, do not Create a new Catalog—it is important to keep the same Catalog Name. The file name can be different:

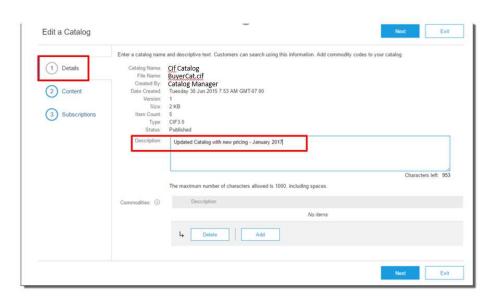


- Find the existing Catalog you wish to replace with a new version
 - Click on the radio button to select the existing Catalog



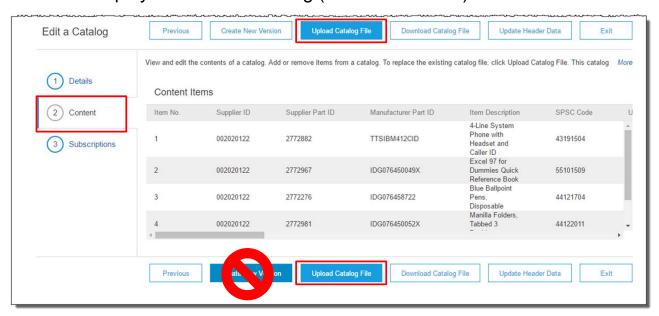
Click "View/Edit"

- You are now taken to the Edit a Catalog Screen
- You see the same 3 steps as a New Catalog
 - 1. **Details**—Most of the fields are pre-populated with the existing information, but you can add a new Description for the updated Catalog



Click "Next"

2. Content—The Network will display the current Catalog (if it is under 4Mb)



- We don't want to "Create a New Version"—that button will take us back to the beginning as if we are uploading a brand new Catalog
- We want to "Upload a Catalog File"—this will replace the existing Catalog File with our updated Catalog. Click the Upload Catalog File button

- Select your Catalog file, by clicking the Choose File button, then "Browse" and point to your file
 - Your Excel file must not exceed 1 Mb, however you can use zip compression
 - If your Excel file is too large, you will need to convert it to a CIF. See the Appendix—"How to convert an Excel file to CIF"
- After you have selected your Catalog file, click "Validate and Publish"



• As your Catalog loads, you will be returned to the Catalog Home screen and the status will read "Validating". Click the "Refresh" button at the bottom of the screen to see the status change. Be sure to wait for the validation to finish

• When your Catalog passes the Network upload validation, the Network may show any of these statuses: "Published", "Validated by Customer" or "Pending Buyer Validation"—note that these are all valid statuses. The upload is

complete



- Notice that the Catalog Name stayed the same, but the new File Name we loaded is reflected on the Network
- The Network does Catalog version control for you. See that our replacement Catalog is now Version 2, and is active.
 Note that the radio button has moved up to our new active version

- Customer Approval
 - When your Catalog passes the Network upload validation, your Customer is then notified to audit, validate and approve your Catalog.
 - Each Customer may have specific validation rules—and these rules may be more strict than the standard Network rules. This means that your Catalog could pass the Network validation, but fail the Customerspecific rules and be returned to you
 - If your Customer finds anything in your Catalog file that requires your attention, you will be notified by e-Mail
 - Corrections should be made to the original Excel file, then the corrected Catalog file needs to be uploaded to the Network
 - Each Catalog must pass both the Network validation, and the Customer audit before it can be loaded into the Customer's buying application and be available for their Users



Thank you.

Contact information:

AskAribaCatalogs@sap.com

