

# Ariba® Network Level 2 PunchOut Catalog Guide

June, 2018



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# What is PunchOut Catalog?

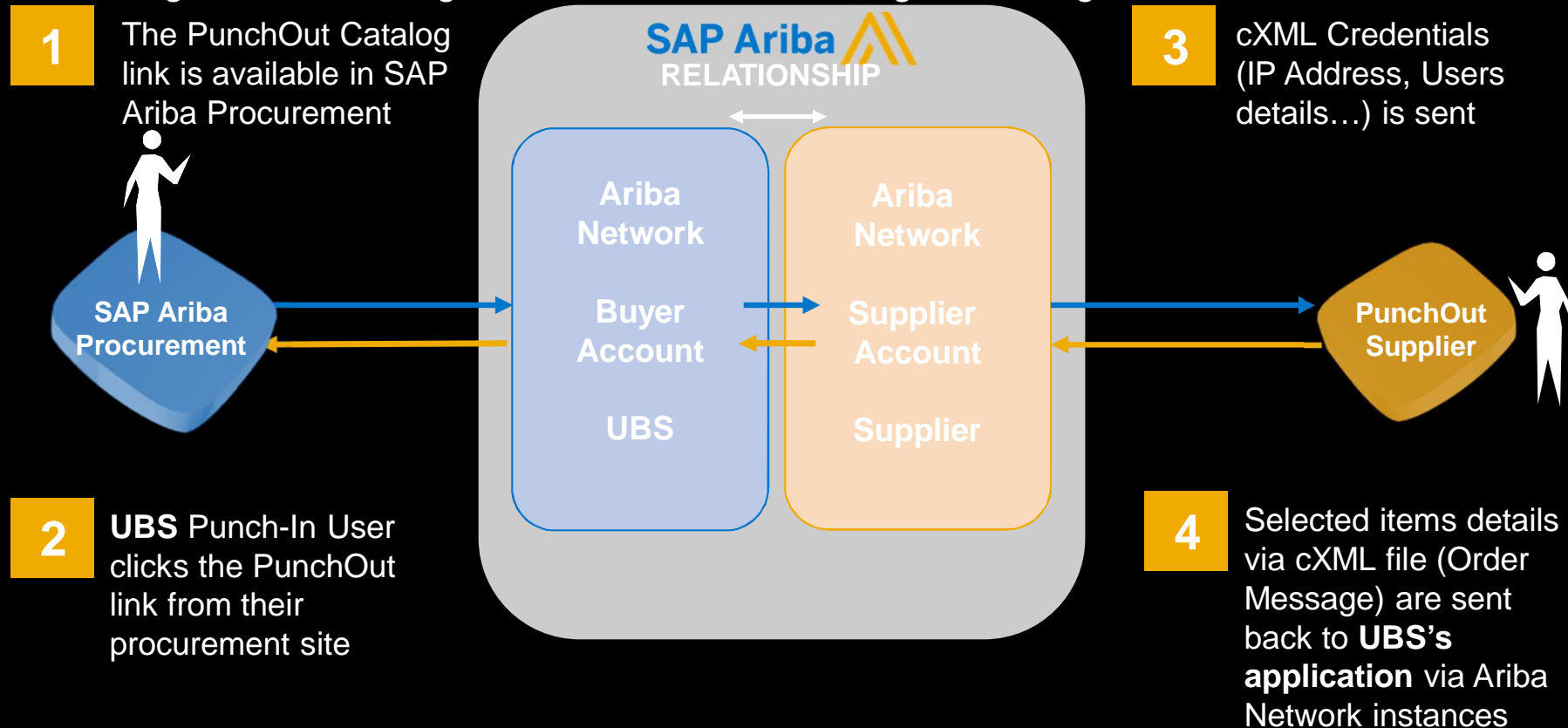
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# What is a PunchOut Catalog?

Y The PunchOut Catalog is directly hosted by the supplier in their website and allows end users to go directly to supplier's website and search for items

Y The supplier is controlling and maintaining the content of their Catalog, according to their contract with **UBS**



# What is a PunchOut Catalog?

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- **Level 1** - or Store Level PunchOut Catalog enables users to search for the items directly on your webshop from SAP Ariba Procurement after clicking to the hyperlink « Buy from supplier »

# Requirements

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# UBS PunchOut Requirements

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- **Business and Technical Requirements on catalog content**

Talk with **UBS** about which products to make available on your PunchOut site. For the best user experience, you should understand the high-level business requirements of your customers.

Find out **UBS** technical requirements for product content and transactions. Develop the processes for addressing the issues that arise when two organizations enter into a trading relationship

# UBS PunchOut Requirements

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## Y Commodity Codes Required for Catalog Items:

It is compulsory to associate a commodity code for each item in your catalog. A list of commodity codes is available in your Supplier Information Portal which is accessible from your Ariba Network account.

## Y Configure Website to Accept Customer's ANID:

You must configure your website in order to accept the ANID of **UBS**. Please make sure during the PunchOutSetupRequest configuration to add the ending -T to **UBS**'s ANID when you will create your catalog in your TEST account. **UBS** might also request different accesses for its users, therefore make sure you configure your website using the UserIDs.

## Y Consult cXML Documentation:

In order to help you to configure your website to transact via cXML data with Ariba Network, you should acknowledge the cXML requirements from **UBS**. You can find the **UBS** cXML Design Specification Guide and also refer to the Ariba cXML Solutions Guide and the cXML User Guide which are two guides available in your Supplier Information Portal.



# UBS PunchOut Requirements

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cXML is an open language defined by public Document Type Definitions (DTDs). These DTDs define cXML so that it is extremely flexible, which encourages its wide adoption.

- Supplier's PunchOut site must communicate through **HTTPS (Hyper Text Transfer Protocol Secure)** - for more information, see "HTTPS Connections" in Ariba cXML Solution Guide
- HTTPS protects all parties in PunchOut sessions: your customer, Ariba Network, and your PunchOut site.
- Supplier needs to document the transaction process flow into and out of your PunchOut site and identify which messages need to be coded.

Ariba has documentation available to assist in defining the process. The technical developer should read the following guides, available on Ariba – login to your Ariba account > select Help in top right corner > *Help Center* > *Learning Center* > *For Administrator*.

- **Ariba cXML Solution Guide**

- **Security**

Your PunchOut site must communicate through HTTPS (Hyper Text Transfer Protocol Secure). HTTPS protects all parties in PunchOut sessions: UBS Ariba Network, and your PunchOut site.

# UBS Level 2 PunchOut Requirements

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- Direct access to the item or shelf specified in the Index catalog
- Immediate one-click Return to SAP Ariba button to post the items from the supplier site to the Ariba application
- Support for PunchOut edit to allow the user to return to the shopping session and modify an item quantity, remove an item, or add an item
- Support for PunchOut inspect so that requisitioners and approvers can view the shopping cart but will not have the ability to modify the items in the cart
- Option to continue shopping in PunchOut site, rather than return immediately with item selected
- Support orders from multiple PunchOut sessions to the site

# PunchOut Level Attribute

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## **Store level** (eg. ACME Store)

- A search page that offers all of your products or services. End-users punch out directly without displaying item details. Option used for Level 1 PunchOut

## **Aisle level** (eg. Optical Media)

- Pages that group your items into a small number of categories. End-users punch out directly without displaying item details. This option can be used for Level 1 PunchOut as well.

## **Shelf level** (eg. DVD-R)

- Pages for similar products from which users would choose when shopping. SAP Ariba Procurement displays item details and allows users to punch out. Use this option if you have similar products from multiple manufacturers or a single product available in multiple configurations.

## **Product level** (eg. Maxell DVD-R Part number 5435)

- A page for each of your offered items or SKUs. SAP Ariba Procurement solution displays item details and allow users to punch out.
- You can provide a mixture of items that have different PunchOut Level values. For example, you might offer users one store-level PunchOut item and a product-level PunchOut item for each of your 50 most popular products.

# PunchOut Catalog Enablement - Timelines

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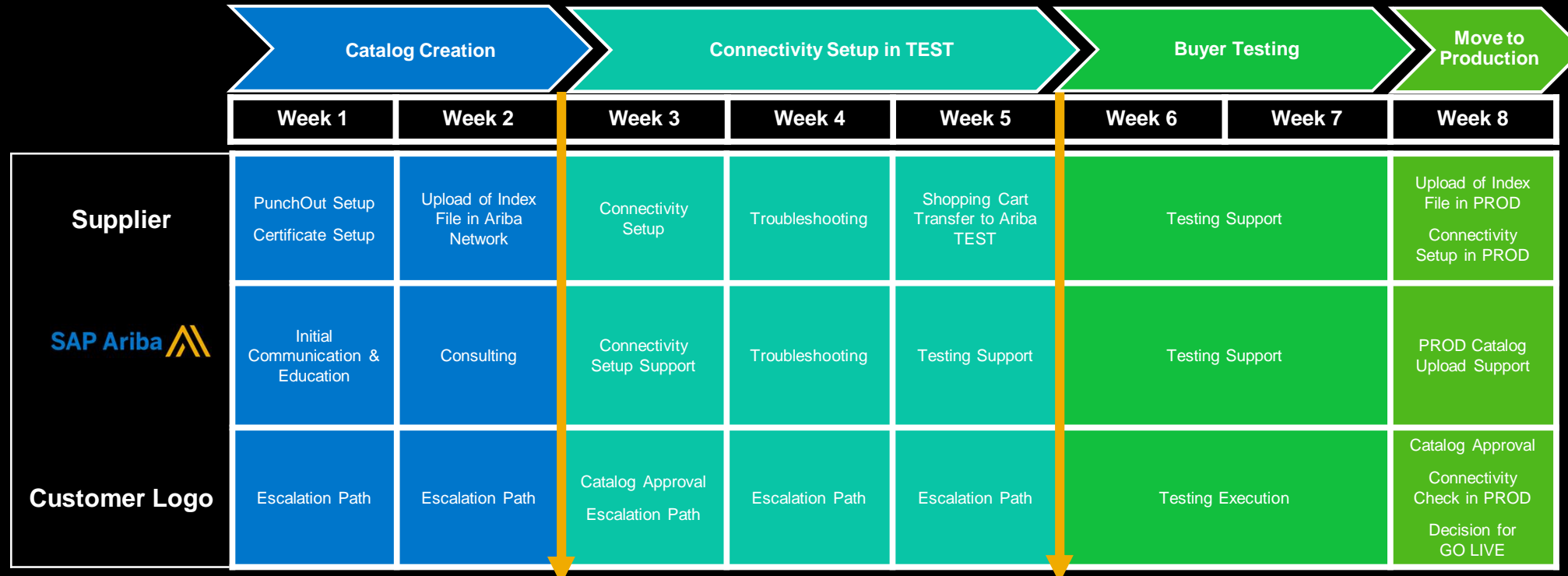
# PunchOut Catalog Enablement - Timelines

## 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:

- Secured Web Shop Available
- IT Resources for Configuration Available
- Catalog Content Clarified with Buyer
- AN Trading Relationship Established
- AN Test Account Created



In case of Supplier without experience on SAP Ariba PunchOut, creation phase may take longer

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

# Level 2 PunchOut

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# Level 2 PunchOut

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- Level 2 PunchOut enables users to search for and find PunchOut items within the SAP Ariba Procurement, instead of having search on supplier's site directly
- Level 2 makes supplier's products more accessible for the users, increases the visibility of suppliers' products, and increases visits of suppliers' PunchOut site.

# PunchOut Configuration

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# Configure your cXML profile

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You must configure your cXML profile and set options in your Ariba Network account to connect with you cXML-enabled application.

You can set the following options:

- **Authentication method**

You can select **shared secret** or **digital certificate** authentication. Ariba Network and cXML-enabled applications (such as PunchOut websites) authenticate each cXML document they receive to ensure that they are legitimate.

- **PunchOut URL**

Ariba Network receives PunchOut requests from buyers and routes them to suppliers' PunchOut sites. There are two methods you can use to specify the URLs of your PunchOut site.

- URL specified on your PunchOut site
- URL specified on Ariba Network

# Authentication Methods

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When you configure your Ariba Network account, you select from two available cXML authentication methods: shared secret, or digital certificate.

- **Shared Secret:** (default) You enter a confidential text string into your Ariba Network account and configure your cXML application with that same string (if the shared secrets do not match, documents cannot be delivered). Then, those applications insert the shared secret string in cXML documents they generate. Each application authenticates received cXML documents by comparing the shared secret in them to the one it knows.

Shared secret authentication is simple to set up, it is free, and it requires little maintenance.

- **Digital Certificate:** You purchase and maintain a client digital certificate from a trusted certificate authority. Then, you enter that certificate into your Ariba Network account. Ariba Network and your application refer to that digital certificate for authentication. The certificate does not appear in the cXML document or attached to the document; instead, the TLSv1 protocol exchanges it before the document exchange takes place.

Digital certificate authentication requires more setup, certificates cost money, and they expire over time. However, it might be more compatible with your organization's security strategy.

# PunchOut Configuration Steps on Ariba Network

Your cXML setup must be created on Ariba Network in your **TEST** and **PRODUCTION** account.

## 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.

## 2 Access the Electronic Order Routing page

Click **Electronic Order Routing** at Administration Navigator.

## 3 Access the cXML Setup Page

Under cXML Setup click on **Configure cXML setup**.

The image displays two screenshots from the SAP Ariba interface. The top screenshot shows the 'Supplier Login' page with a blue header and a central login form. The form includes fields for 'User Name' and 'Password', a 'Login' button, and a link for 'Having trouble logging in?'. Below the form, there is a 'New to Ariba?' section with links for 'Register Now' and 'Learn More'. The right sidebar shows the 'Administration Navigator' menu, with 'Electronic Order Routing' highlighted in a yellow box. The bottom screenshot shows the 'Capabilities Preferences' page, with 'Configure cXML (native) integration' highlighted in a yellow box. The page also includes a link for 'Configure Ariba Cloud Integration Gateway (non-native integration)'.

# PunchOut Configuration Steps on Ariba Network

## 4 Configure your Shared Secret

You need to enter a **Shared Secret** to authenticate your cXML documents.

## 5 Configure your PunchOut URL

You need to enter your **PunchOut URL**. You should have a **secured link** in order to create your PunchOut (beginning with: **https://...**).

Click **OK**.

Ariba Network

Company Settings ▼ Orsolya Kalina

### cXML Setup

cXML is an electronic format for sending and receiving business documents.  
\* Indicates a required field.

#### Authentication Method

Ariba Network requires an authentication method to proceed all cXML documents it validates.

Select an authentication method: Shared Secret ▼ This selection will refresh the page content.

Shared Secret: \*  ⓘ

Confirm Shared Secret: \*

#### Profile URL

Ariba Network uses the cXML Profile transaction to retrieve a list of the URLs of supported cXML transactions from your organization. Ariba Network sends a ProfileRequest transaction once in 24 hours when it needs to send a cXML document and caches the response. If you need to reset your cached cXML profile on Ariba Network, click Reset Profile. The next time Ariba Network needs to send you a cXML document, it gets your updated cXML profile. It is recommended that you use the ProfileRequest method when you specify your cXML URLs.

Enter your Website's URL for receiving ProfileRequest documents.

Profile URL:  Reset Profile

#### PunchOut URL

PunchOut allows customers to perform shopping and product selection directly on your Website.  
Enter your Website's URL for receiving PunchOutSetupRequest documents. If you support ProfileRequest documents (recommended), you can leave this field empty.

PunchOut Request URL:

#### Pricing Updates

If you support pricing list updates for catalogs, specify the URL where customers can obtain the updated pricing lists. The URL can either be a custom URL or the same as the PunchOut Request URL.

Get updated pricing lists from: Select... ▼

Save Close

# PunchOut Message Flow

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# PunchOut Message Flow

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Each step in the PunchOut process can be described through a message flow.

A PunchOut session is comprised of various cXML messages that pass between SAP Ariba Procurement, Ariba Network, and your PunchOut site. They include:

- User Login
- PunchOut Site Selection
- PunchOutSetupRequest
- PunchOut authentication
- PunchOutSetupResponse
- Shopping
- PunchOutOrderMessage
- Requisition Approval
- Order Request

# PunchOut Message Flow

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## Login

- A user at a buying organization first logs in to SAP Ariba Procurement and creates a requisition. This step is important, because it means the user has been authenticated by the buying organization. During PunchOut, Ariba Network authenticates the buying organization, not the user.

## Site selection

- Next, the user searches for products and services in the procurement application and selects your PunchOut item. As you offer a PunchOut Level 1 the user punches out to see all your products by selecting your company name. Level 2 PunchOut usually requires your site to have a search mechanism so users can find items they need.

# PunchOut Message Flow

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## PunchOutSetupRequest

- SAP Ariba Procurement generates a cXML PunchOutSetupRequest document and sends it through an HTTP Post to Ariba Network. Ariba Network authenticates it and forwards it through an HTTP Post to your PunchOut site.
- When the buying organization registers on Ariba Network, it configures a SharedSecret. PunchOutSetupRequest documents sent to Ariba Network identify the customer based on the Identity element in the From element and populate the Credential domain with the customer's NetworkID. Each buying organization has its own NetworkID.
- When Ariba Network determines who the request is from and who it is to, it deletes the customer's shared secret and uses the one from your Ariba Network account. This shared secret allows the PunchOutSetupRequest to effectively log in to your PunchOut site. You never see your customer's SharedSecret and do not have to maintain a separate password/login for each user or customer. The end user can be identified in Contact and Extrinsic elements.



# PunchOut Message Flow

- **From Credential**

This element identifies the originator of the POSR (the buying organization). For example:

```
<From>
<Credential domain="NetworkID">
<Identity>AN01040070474</Identity>
</Credential>
</From>
```

- **To Credential**

This element identifies the supplier (the destination of the POSR). For example:

```
<To>
<Credential domain="NetworkID">
<Identity>YourANID</Identity>
</Credential>
</To>
```

- **Sender Credential**

When a procurement application creates the POSR document, the Sender credential specifies the identity and shared secret of the buying organization. **When Ariba Network forwards the document to the supplier, it changes the Sender credential to specify the identity of Ariba Network and uses the supplier's SharedSecret.**

- This example shows a PunchOutSetupRequest that has passed through Ariba Network.

```
<Sender>
<Credential domain="AribaNetworkUserId">
<Identity>sysadmin@ariba.com</Identity>
<SharedSecret>abracadabra</SharedSecret>
</Credential>
<UserAgent>SAP Ariba Procurement 7.1</UserAgent>
</Sender>
```

# PunchOut Message Flow

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## Authentication

- When your PunchOut site receives the PunchOutSetupRequest document, it performs the following tasks:  
Authenticates Ariba Network based on the Sender and SharedSecret  
Verifies the From identification
- You can now initiate a session because the user's organization is a certified Ariba Network member. Your PunchOut site can generate a shopping page for the PunchOut session.
- Your PunchOut site must perform authentication through the domain, buyer identity, and shared secret. You cannot deploy it if it performs authentication any other way, for example with a user ID or with a user-entered password.

# PunchOut Message Flow

## PunchOutSetupResponse

- Your PunchOut site redirects the user. It issues a PunchOutSetupResponse document to Ariba Network with your StartPage URL, which is the shopping page of your PunchOut site. Ariba Network forwards the PunchOutSetupResponse to SAP Ariba Procurement.
- All PunchOutSetupResponse documents sent to Ariba Network must contain a 200 status code and the StartPage Uniform Resource Locator (URL). Any deviation from this constitutes an invalid cXML response. The following example provides a correct cXML response:

```
<!DOCTYPE cXML SYSTEM "http://xml.cxml.org/schemas/cXML/1.2.014/cXML.dtd">  
< cXML payloadID = "958074700772234234242" timestamp = "2015-06-10T12:59:09-07:00">  
  <Response>  
    <Status code = "200" text = "success"/>  
    <PunchOutSetupResponse>  
      <StartPage>  
        <URL>https://punchout.company.com/Servlet/sessionid=7006</URL>  
      </StartPage>  
    </PunchOutSetupResponse>  
  </Response>
```

# PunchOut Message Flow

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## Shopping

- SAP Ariba Procurement opens your PunchOut site in a new window using the StartPage URL you supplied. The user selects and configures products or services. Selecting an item adds it to a shopping cart or basket on your site.

# PunchOut Message Flow

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## PunchOutOrderMessage

- When done selecting items on your PunchOut site, the user clicks a Transfer Basket to SAP Ariba Procurement link. Your site issues a PunchOutOrderMessage document to SAP Ariba Procurement (in an HTML hidden form field) that lists the content of the user's shopping cart.
- The window displaying your PunchOut site disappears and the description of the PunchOut items appears in the user's requisition. This information acts as a quote, not an actual order. When the quote is approved in SAP Ariba Procurement, it generates a purchase order.
- To alleviate user confusion, your checkout process should use the following sequence of buttons:
  - Add item to basket
  - Transfer basket to SAP Ariba Procurement
- To allow users to return to the PunchOut site and make changes to it, the PunchOutOrderMessage document should have the operationAllowed="edit" attribute.

# PunchOut Order Message Flow

```
<PunchOutOrderMessageHeader operationAllowed="edit">
  <Total>
    <Money currency="USD">300</Money>
  </Total>
</PunchOutOrderMessageHeader>
<ItemIn quantity="1">

<ItemID>
  <SupplierPartID>101</SupplierPartID>
  <SupplierPartAuxiliaryID>5
</SupplierPartAuxiliaryID>
</ItemID>
  <ItemDetail>
    <UnitPrice>
      <Money currency="USD">2051</Money>
    </UnitPrice>
    <Description xml:lang="en"><ShortName><![CDATA[MVL-D SQL CAL 2008 SNGL USER
CAL]]></ShortName><![CDATA[MVL-D SQL CAL 2008 SNGL USER CAL]]></Description>
    <UnitOfMeasure>TT</UnitOfMeasure>
    <Classification domain="SupplierPartID">101</Classification>
    <Classification domain="UNSPSC">43172204</Classification>
    <Extrinsic name="ContractID">1234</Extrinsic>
    <Extrinsic name="cas#">1234</Extrinsic>
    <Extrinsic name="Hazmat">1234</Extrinsic>
    <Extrinsic name="Recycle">1234</Extrinsic>
    <Extrinsic name="GreenFlag">1234</Extrinsic>
  </ItemDetail>
  <Tax>
    <Money currency="USD">5.24</Money>
    <Description xml:lang="en">Tax Description</Description>
  </Tax>
</ItemIn>
</PunchOutOrderMessage>
</Message>
</cXML>
```

# PunchOut Message Flow

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## Requisition Approval

- SAP Ariba Procurement submits the requisition for approval within the buying organization. It does not update you on the progress of the requisition until after it has received all required approvals and has been turned into a purchase order.
- If managers in the approval chain deny a requisition, they can use PunchOut to go to your site to remove line items or delete the requisition. You should reach an agreement with customers about how canceled requisitions should be handled.

## OrderRequest

- Upon approval of the requisition, SAP Ariba Procurement generates an OrderRequest document and transmits it to you through Ariba Network. This document contains the purchase order details required for processing.

# PunchOut Index Catalog

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# PunchOut Index Catalog

PunchOut Index Catalog is a file created by supplier and uploaded via Ariba Network to the SAP Ariba Procurement to create PunchOut link in the catalog hierarchy. The file defines how the PunchOut items appear in the SAP Ariba Procurement catalog.

Use UBS's template to create your index file.

<b>CIF_I_V3.0</b>																			
<b>CHARSET:</b>	UTF-8																		
<b>LOADMODE:</b>	F																		
<b>CODEFORMAT:</b>	UNSPSC																		
<b>CURRENCY:</b>	EUR																		
<b>SUPPLIERID_DOMAIN:</b>	NetworkID																		
<b>TIMESTAMP:</b>	2018-12-31																		
<b>ITEMCOUNT:</b>	1																		
<b>UNUOM:</b>	TRUE																		
<b>COMMENTS:</b>	Any comments can go here.																		
<b>FIELDNAMES:</b>	Supplier ID	Supplier Part ID	Manufacturer Part ID	Item Descriptio	SPSC Cod	Unit Pric	Unit of Measu	Lead Time	Manufacturer Name	Supplier URL	Manufact	Market	Short Name	Image	Thumbna	Currency	PunchO	Punchou	
											urer URL	Price			il			tLevel	
<b>DATA</b>																			
	AN01123456789-t	AAA	AAA	TEST OK, nr. 1	22108400	1	EA	1		<a href="https://abc.com">https://abc.com</a>									
<b>ENDOFDATA</b>																			

# PunchOut Index Catalog

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- Level 2 PunchOut requires you to upload your index catalogs to Ariba Network more often than for Level 1 PunchOut to ensure that your customers have your latest product offerings. Depending on the volatility of your offerings, you might want to update your catalogs monthly, weekly, or even daily.
- Each time you upload a catalog, SAP Ariba Procurement system automatically downloads it and incorporates it into the local search index.
- For Level 2 PunchOut index catalogs cXML is the preferred format because the file size is smaller than CIF or Excel.
- You have two options for uploading catalogs:
- **Manual Upload:** Requires you to log in to your Ariba Network account to upload and publish your index catalogs.
- **Automatic Upload:** Uses the cXML CatalogUpload transaction to upload and publish your index catalogs. You generate a CatalogUploadRequest document and include your catalog as a MIME attachment.

# Publication of a Catalog on Ariba Network

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# Ariba Network Access, Catalog Publication

## 1 Access your Ariba Network Account

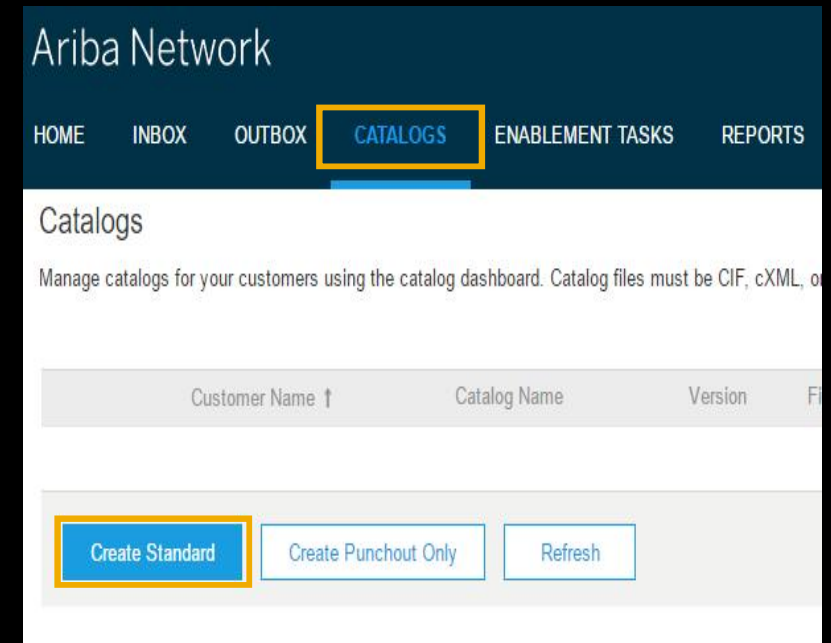
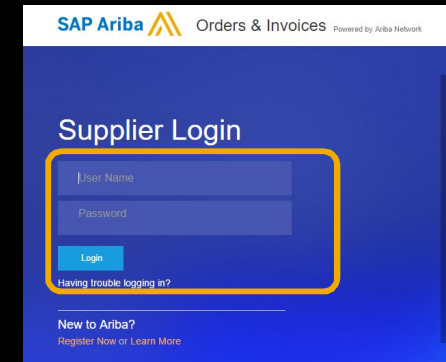
Go to: <http://supplier.ariba.com>

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 should be based on the UBS naming convention

5 Click **Next**

6 Select **Private**

7 Select UBS in your customers' list.

8 Click **Next**

1 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:   
Description:   
No items

Delete Add

Next Exit

1 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

Visibility:  Private - Only those 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"/> GSO Sandbox - P20	<a href="#">View</a>	Pending Validation

Previous Next Exit

**Note:** If UBS is not part of the customer list, it means that the UBS 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

Choose the catalog file for upload. Catalog files must be CIF, cXML, or Excel files (.cif, .xml, .xls or .zip). To download the Excel catalog template, click **Help** at the top of the page.

UPLOAD YOUR CATALOG FILE

Browse...

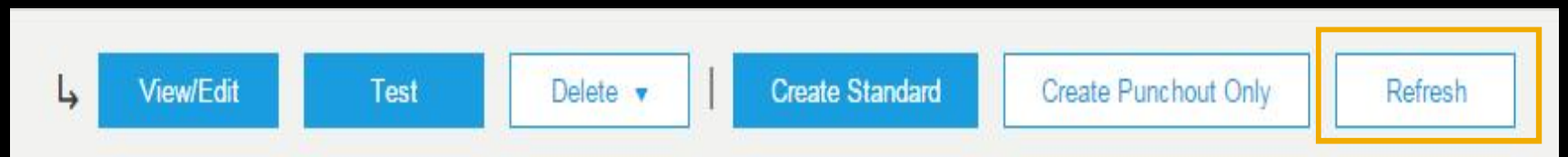
! After you click Validate and Publish, do not use your Web browser until your catalog is finished uploading. Large catalogs can take several minutes to upload.

Validate and Publish

**Note:** Ariba Network supports an Excel file (zipped or unzipped format) up to 1 MB. If your file is bigger, you must convert it into a .cif file (see next slides).

# 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 the UBS.
- As UBS is using AutoSubscriptionSync, the catalog is pulled into the SAP Ariba Procurement to begin the UBS - specific validations and the status will change to **Pending Buyer Validation**.

CIF3.0	2 KB	Private	Supplier Program	22 Feb 2010	Published
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CIF3.0	98 KB	Private	Seb Sussman	4 Oct 2010	Pending Buyer Validation
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# 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
 DE_THF	1	CIF	CIF3.0	21 MB		Klaus	28 Aug 2006	 100 Errors Found by Ariba Network

- Validating against **UBS** -specific validation rules.

 DK 9002831	1	DK 9002831	CIF3.0	619 B	Private	E-Business DE	23 Feb 2016	 1 Validation Errors Found by Customer	18 Apr 2016
--	---	------------	--------	-------	---------	---------------	-------------	---	-------------

**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 **UBS** -specific catalog validation rules.

# PunchOut Catalog Statuses

Catalog Status	Definition
<b>Validating</b>	Catalog is in the process of being validated against Ariba Network high-level syntactic and semantic validations.
<b>Published</b>	The catalog has been published to customers application manually loading catalogs. Ariba Network sends an email notification to your customer informing them your company has published a catalog.
<b># Errors Found by Ariba Network</b>	The catalog failed during Ariba Network high-level validation. Ariba Network checks the catalog for syntactic and semantic errors. The network will also conduct a high-level validation of UNSPSC and Units of Measure codes, and checks for zero price values. These errors must be corrected first before the catalog can begin customer-specific validation rules. To view details of the error, click the “# Validation Errors Found by Ariba Network” link for this catalog on the catalog dashboard and view details of the error message within your Ariba Network account.
<b># Validation Errors Found by Customer</b>	The catalog failed during validation of customer-specific rules in the SAP Ariba Procurement. During validation, the SAP Ariba Procurement validates the catalog against customer-specific validation rules. The catalog did not meet the customer’s catalog rules and validation failed. To view details of the error, click the “# Validation Errors Found by Customer” link for this catalog on the catalog dashboard and view details of the error message by punching in to the SAP Ariba Procurement.
<b>Pending Buyer Validation</b>	The catalog is uploaded successfully in the SAP Ariba Procurement and is pending validation.
<b>Validated by Customer</b>	The catalog is successfully uploaded in the SAP Ariba Procurement, passing validation, but not yet approved by the customer.
<b>Approved</b>	The catalog has been approved by the customer during the approval process.
<b>Rejected</b>	The catalog has been denied by the customer during the approval process.
<b>Activated</b>	The catalog is activated and available to users in the SAP Ariba Procurement.
<b>Deactivated</b>	A catalog version activated earlier is now deactivated. Catalogs can change statuses from Activated to Deactivated states and back.
<b>Deleted</b>	The catalog has been deleted by the customer in the SAP Ariba Procurement.
<b>Changed</b>	The customer made some changes to the catalog