

SAP Ariba 

PunchOut Catalog Guide for **Suppliers**

INDEX

Introduction and Types

- What is the difference between a PunchOut Level 1 and a PunchOut Level 2 ?

Project Specifics

- Main Prerequisites for Punchout Suppliers
- Project Timeline

System Architecture

- Functional and Purchase Operations
- cXML Message Flow

Ariba Network account Configuration

- How to set up my Ariba Network account ?

Index File

- Option 1 – Creation of a PO L1 Index File on SAP Business Network
- Option 2 – Manual upload of a Static Index File

Buyer Process

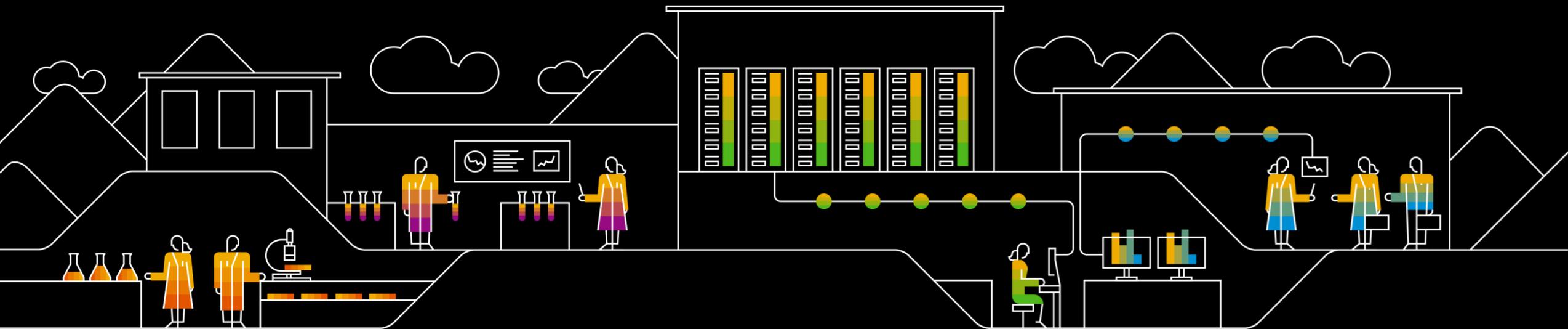
- How does a Buyer purchase from PunchOut ?

How to use this guide:

This presentation is **interactive** and contains **process simulations**.
When you see **text like this** or **buttons surrounded this** then it is **interactive**.

Use the **red buttons** [  ] at the top right of your screen to be sent back here

Introduction and Types



What is Punchout Catalog

A **PunchOut** catalog is a type of catalogue that gives **Buyers** access a **Supplier's web-shop** from their SAP Ariba Application.

Punchout Level 1

When referred to a “**Level 1**”, this means the **Buyer** searches for the desired Supplier/PunchOut and then enters at the **Store Level**, i.e. they are sent to the web-shop’s landing page. On entering, the **Buyer** will **search for the Items on the Supplier's web-shop**, then add all desired items to the web-shop’s Basket and return back to the SAP Ariba Application with the Basket containing the selected Items to generate Purchase Requisition.



Estlega Ltd WEB-SHOP
Supplier: **Estlega Ltd**

Buy from Supplier



Superbook ABC Laptop
Supplier: **Estlega Ltd**
Supplier Part #: laptop_1
Available in : 8 Day(s)

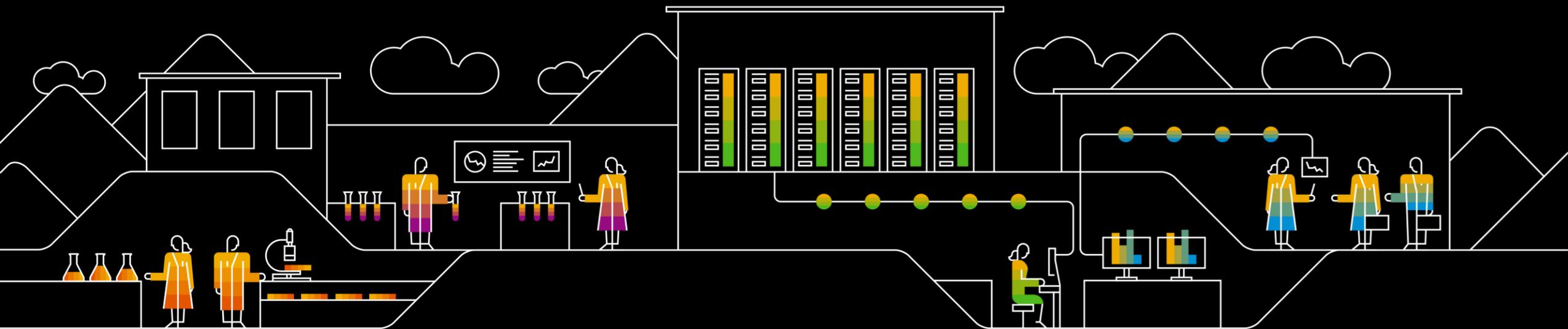
\$499.99 USD * / each

Buy from Supplier

Punchout Level 2

When referred to a “**Level 2**”, this means the **Buyer** is entering at the **Aisle, Shelf or Product Level**, i.e. they are sent to a specific part of a web-shop. On entering, the Buyer will be **sent directly to the Aisle/Shelf/Product that he clicked on when browsing his SAP Ariba Application's UI**. Once he has added the desired items to the web-shop’s Basket, the **Buyer** returns back to the SAP Ariba application with the Basket containing the selected Items to generate Purchase Requisition.

Project Specifics



Main Prerequisites for Punchout Suppliers



Business and Technical Requirements on catalog content

Business related topics as per Items available in Your Web-shop, Price, Availability T&Cs. Should be agreed with Buyer prior to enablement process.

Web-shop Configuration

Supplier's must configure their website in order to **accept the ANID** of Buyer.

Security

Supplier's Punchout site must communicate through **HTTPS (Hyper Text Transfer Protocol Secure)**. HTTPS protects all parties in Punchout sessions: Buyer Ariba Network, and the Punchout site.

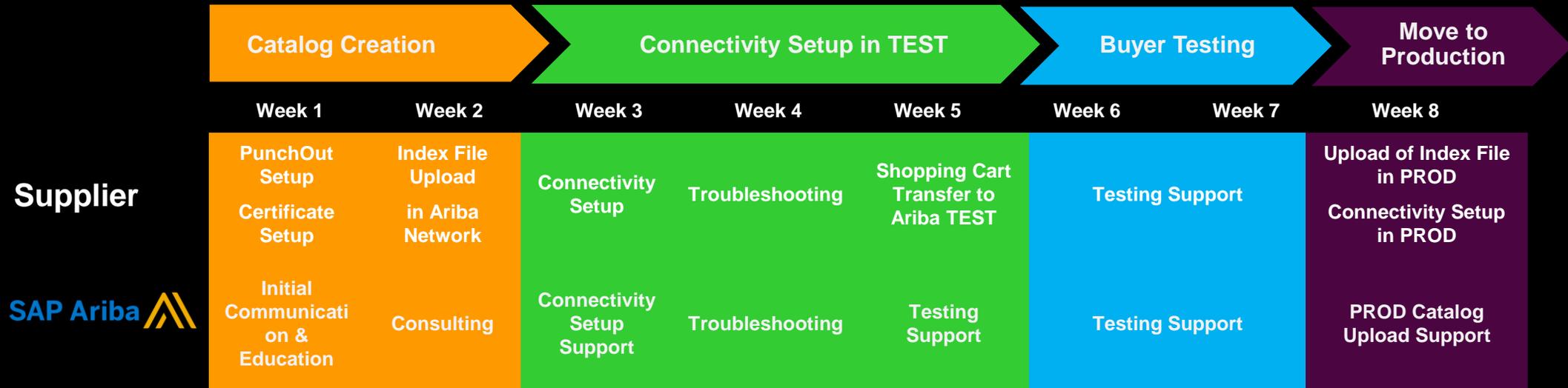
Commodity Codes Required for Items

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

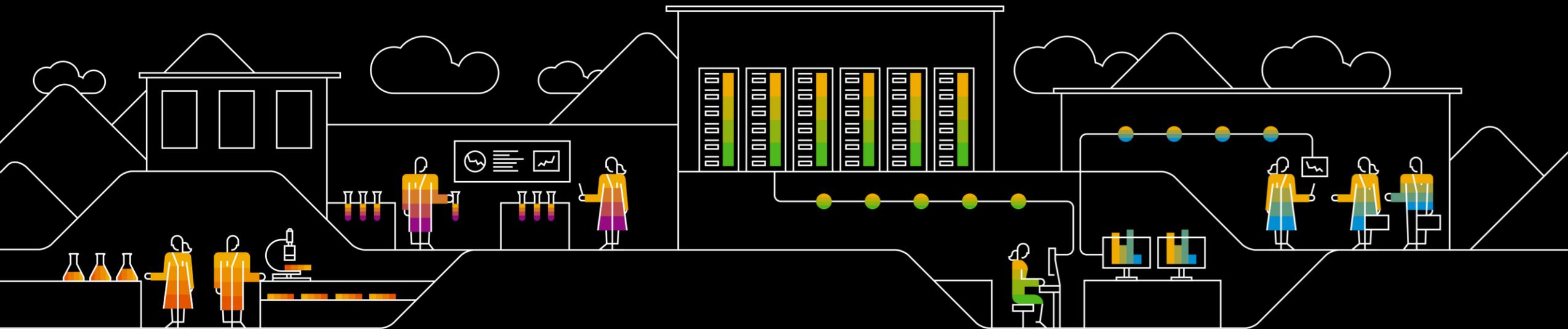
Consult cXML Documentation

In order to configure your website to transact and exchange Data with SAP Ariba Network and SAP Ariba Procurement Application via cXML. **cXML Solutions Guide** and the **cXML User Guide** are available in the Supplier Information Portal.

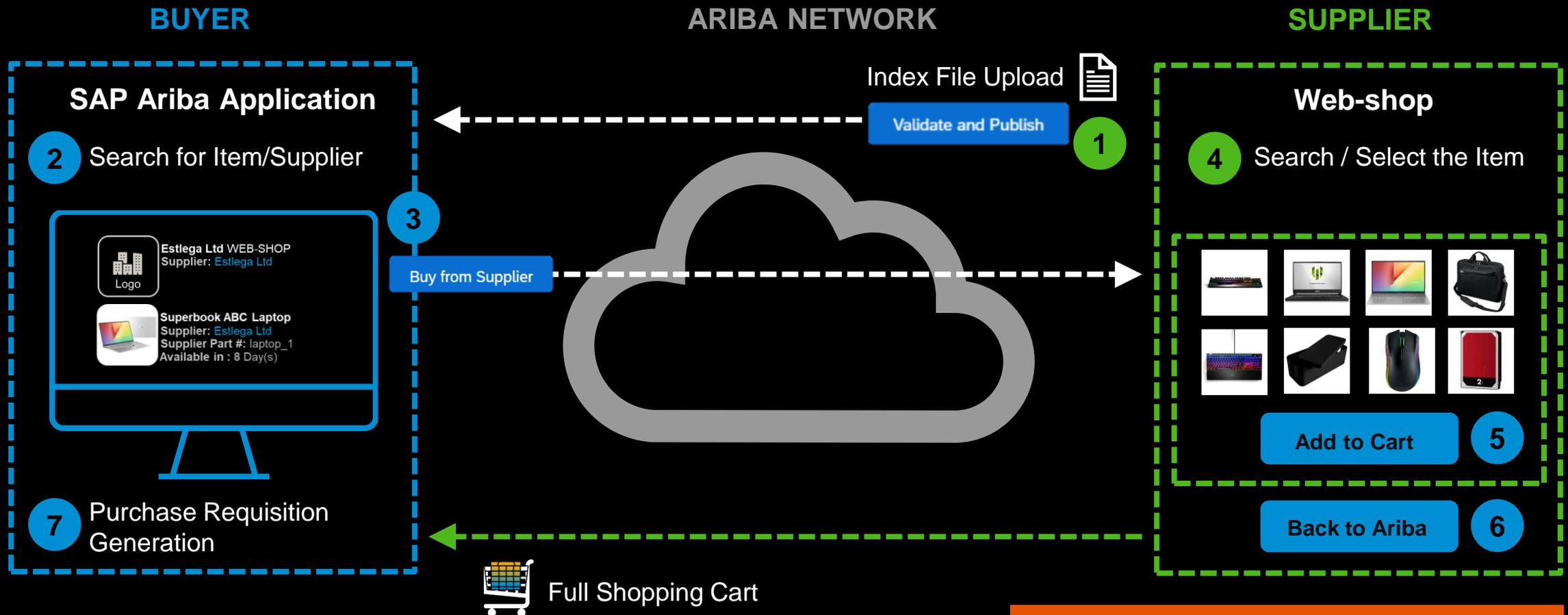
Project Timelines



System Architecture



Process Architecture: Functional and Purchase Operations

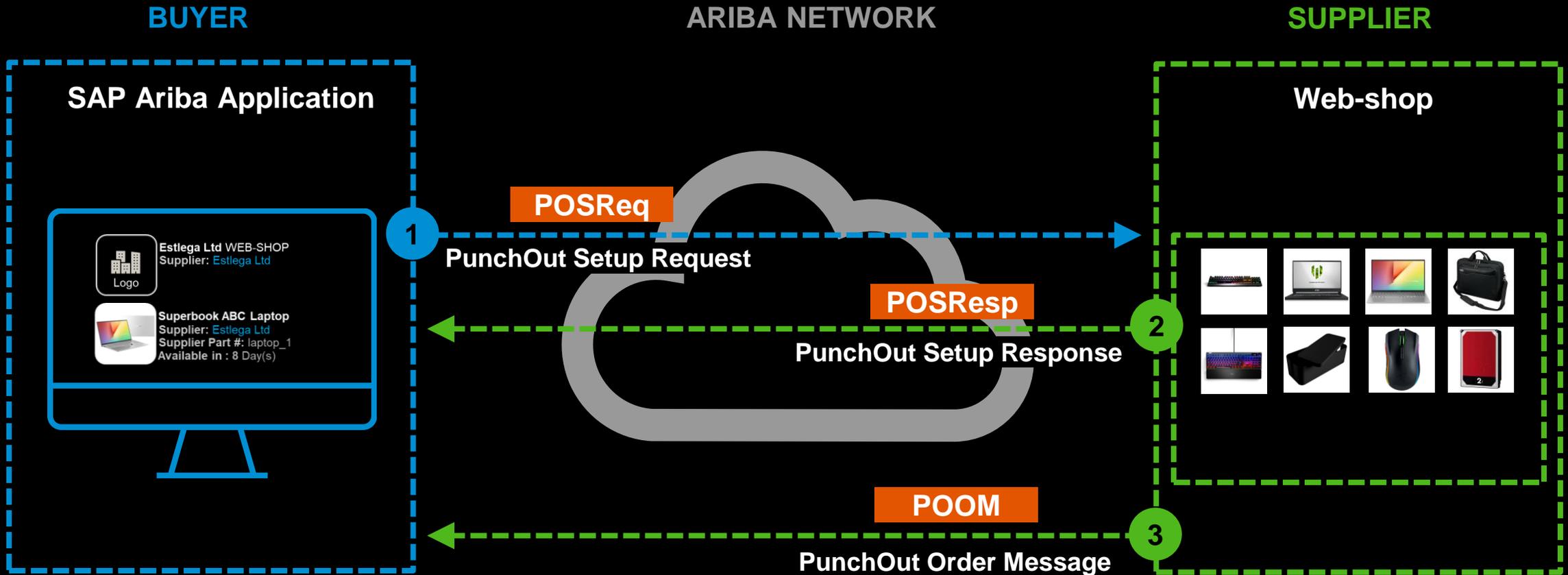


[Click here for AN Configuration Simulation](#)

[Click here for UPLOAD Simulation](#)

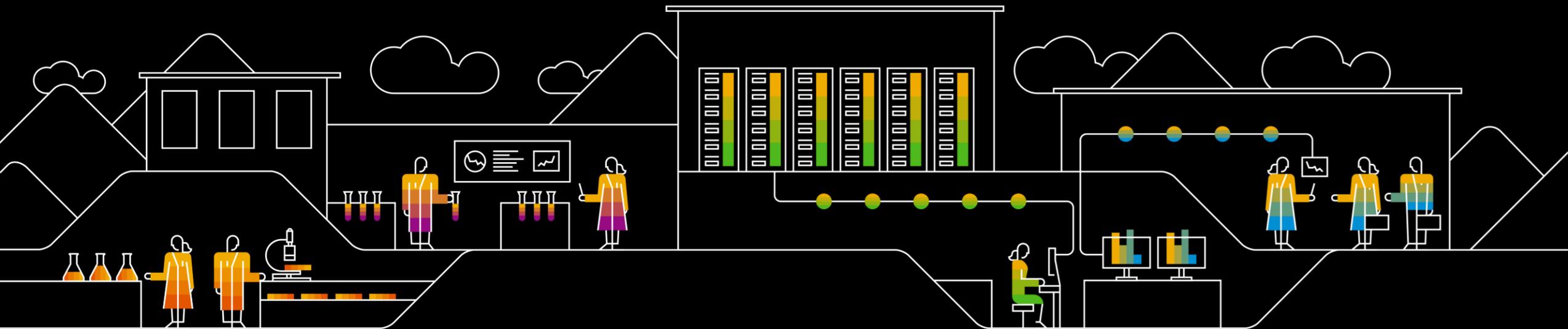
[Click here for PURCHASE Simulation](#)

cXML Message Flow



- [Click here for AN Configuration Simulation](#)
- [Click here for UPLOAD Simulation](#)
- [Click here for PURCHASE Simulation](#)

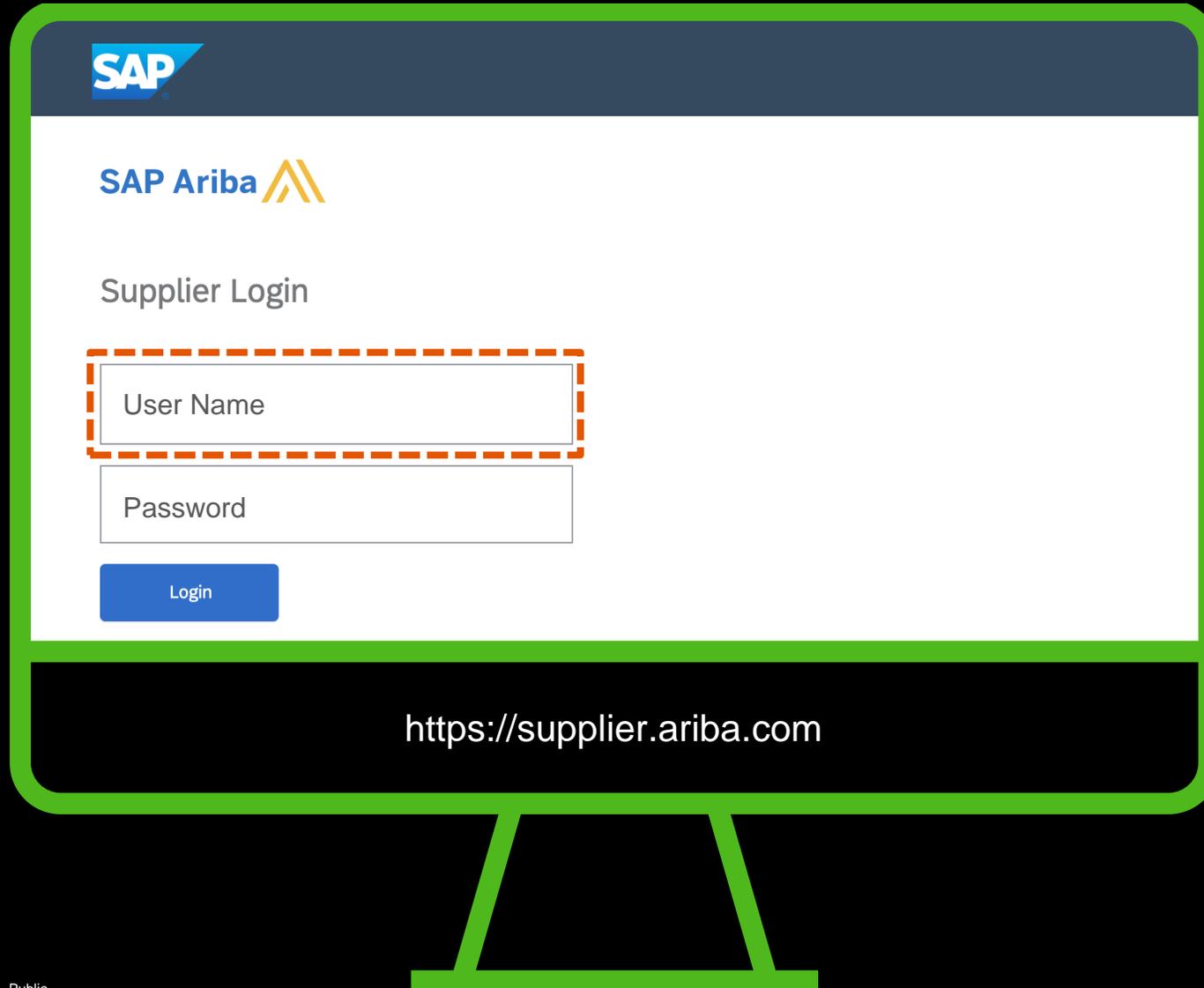
Ariba Network Account Configuration



Ariba Supplier Portal

1

Enter your **Supplier Credentials** [press on the **User Name** field]

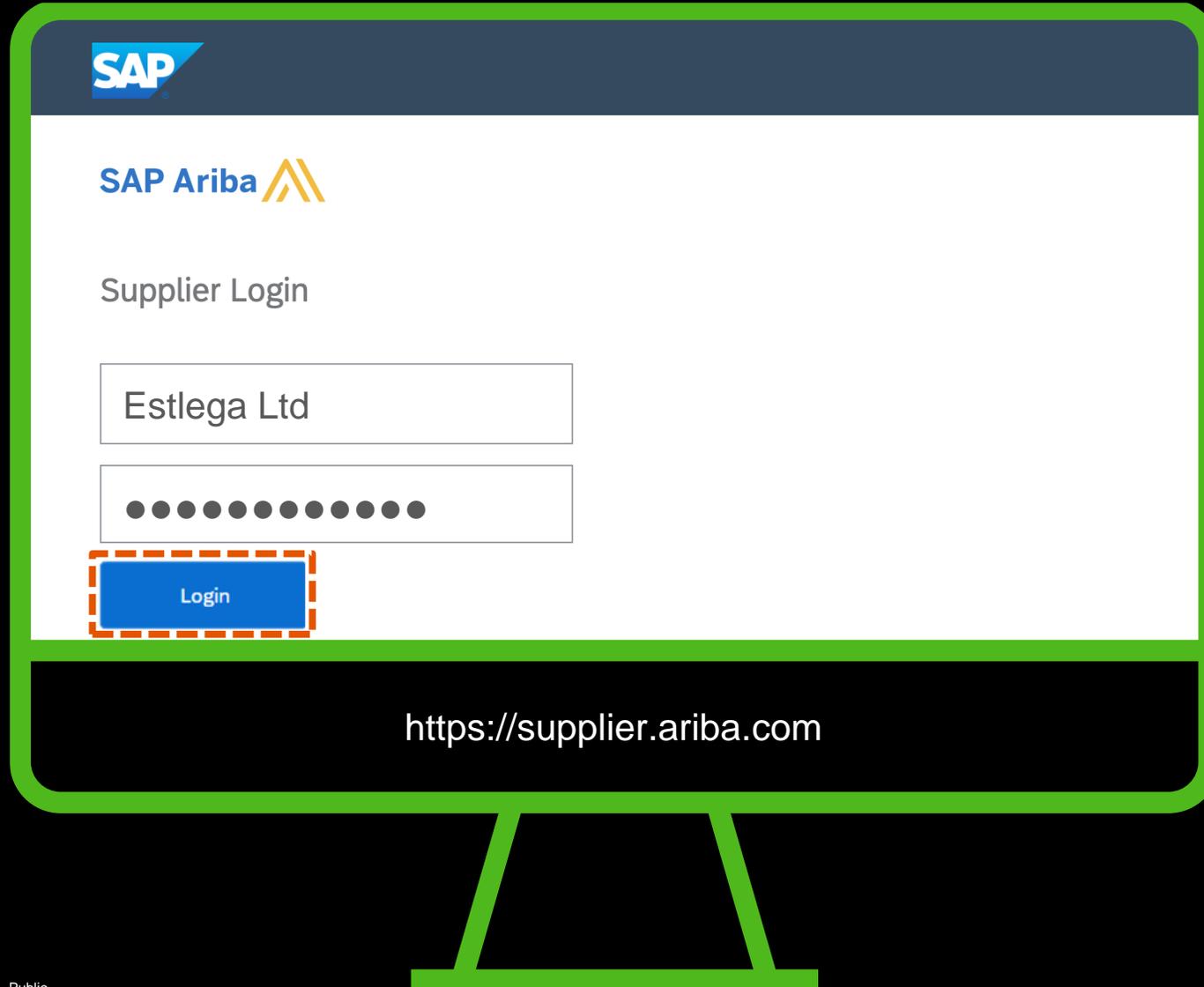


Log in



2

Click on **Login**



Landing AN Page



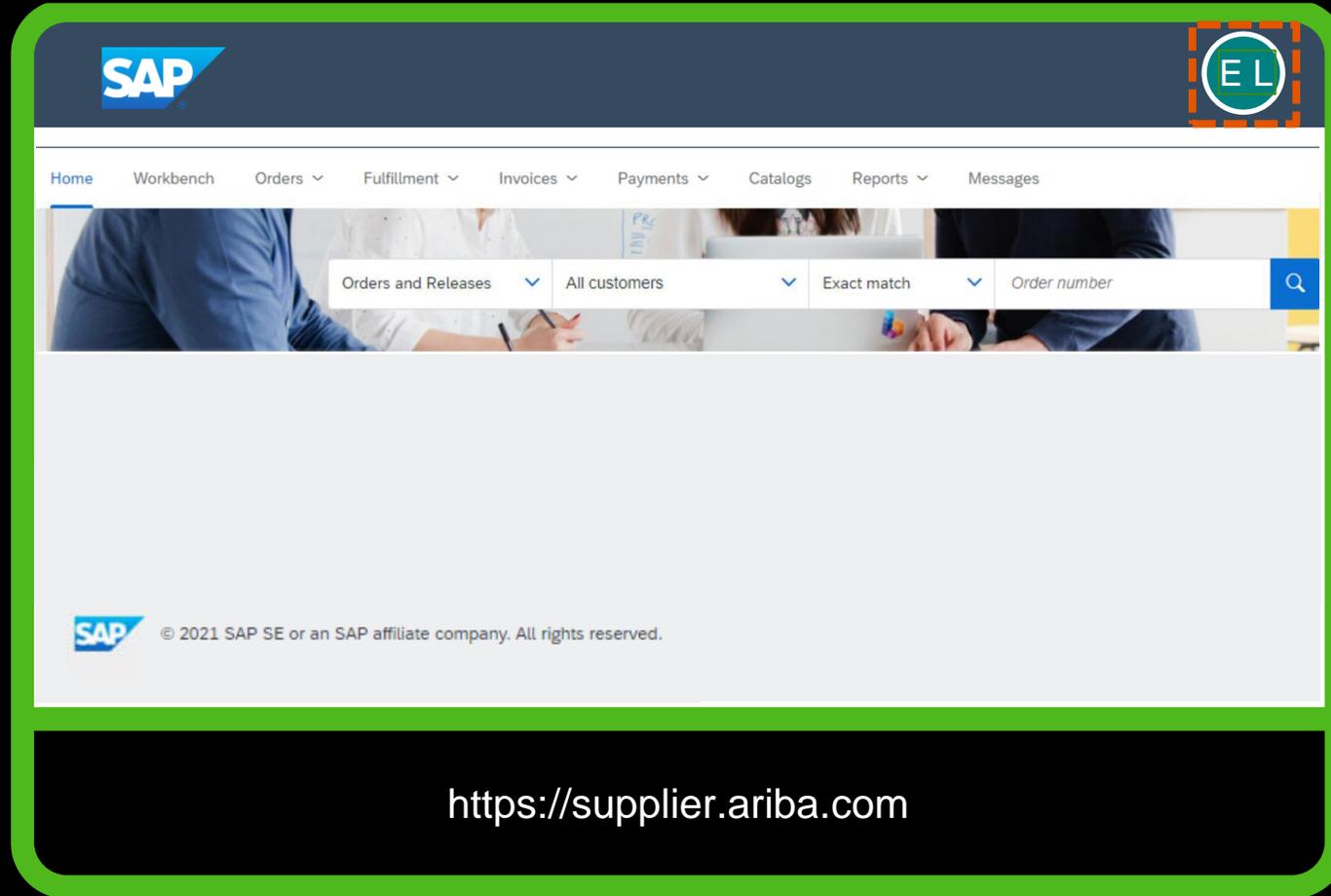
Index



Refresh

3

On Top Left of the screen Click on **Account Setting Icon**



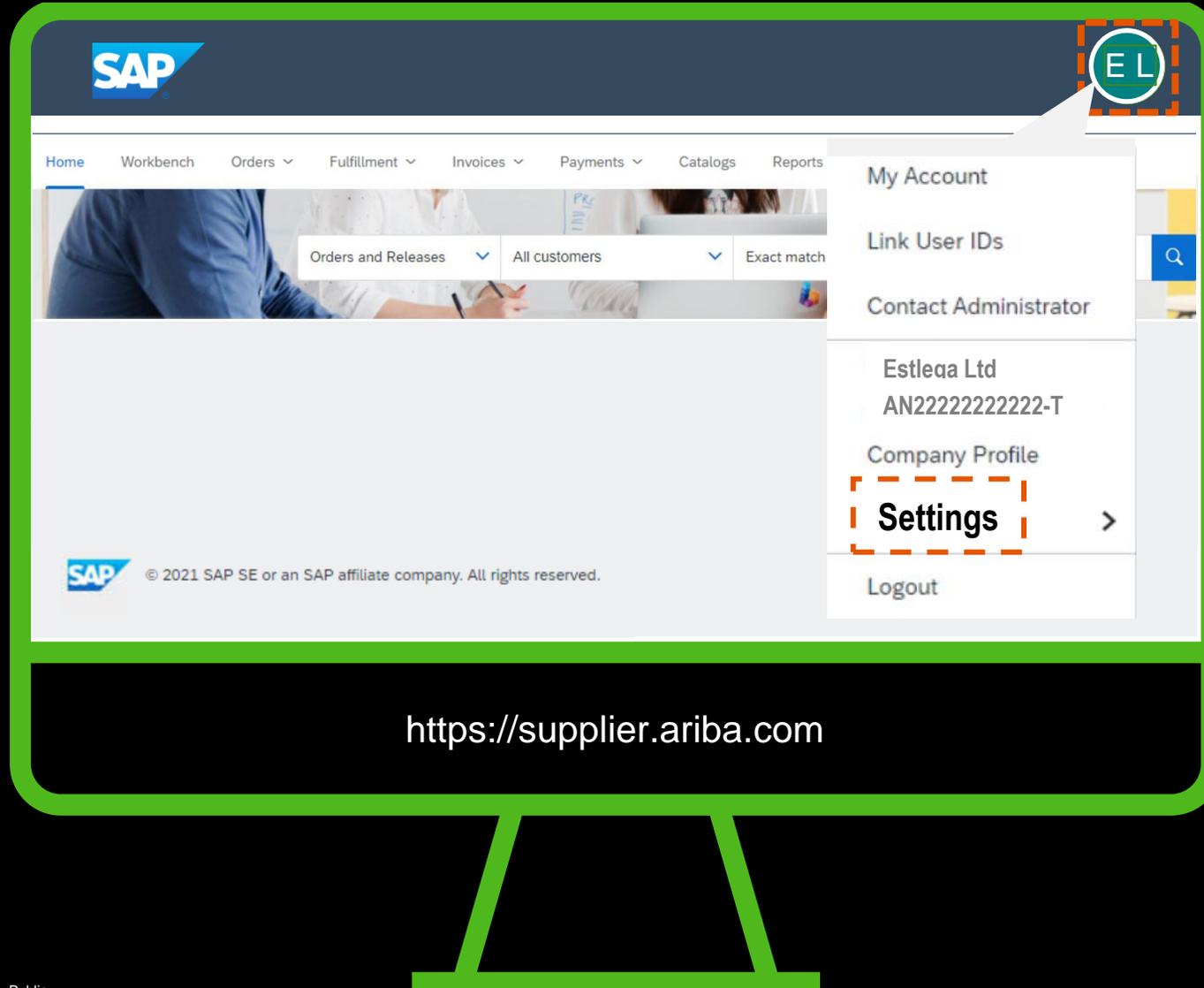
<https://supplier.ariba.com>

Settings



4

From Drop-down menu, click on **Settings**



Settings



Refresh

5

From Drop-side menu, click on **Settings**

The screenshot shows the SAP Ariba account settings page. The 'Settings' option in the 'My Account' dropdown menu is highlighted with an orange arrow. The 'Electronic Order Routing' option in the 'ACCOUNT SETTINGS' menu is also highlighted with a dashed orange box. The URL <https://supplier.ariba.com> is displayed at the bottom of the screen.

Electronic Order Routing



Index



Refresh

6

Click on **Configure cXML (native) integration**

SAP

Network Settings

Electronic Order Routing Electronic Invoice Routing Accelerated Payments Settlement

* Indicates a required field

External System Integration

Configure cXML (native) integration

Configure Cloud Integration Gateway (non-native integration)

Non-Catalog Orders with Part Numbers

Process non-catalog orders as catalog orders if part numbers are entered manually

Status Update Request Notifications

<https://supplier.ariba.com>

Authentication



Index



Refresh

7

Select and Configure the Authentication Method (**Shared Secret Or Certificate**)

If you select Shared Secret, **Insert the value**

SAP

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

Authentication Method

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

Select an authentication method: **Shared Secret** ▾ This selection will

Shared Secret: * ⓘ

Confirm Shared Secret: *

<https://supplier.ariba.com>

Shared Secret



Index



Refresh

8

Now **Scroll Down**
And click on **Save**

SAP

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

Authentication Method

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

Select an authentication method: **Shared Secret** ▼ This selection will

Shared Secret: * [Masked Password] ⓘ

Confirm Shared Secret: * [Masked Password]

<https://supplier.ariba.com>

End of Setup



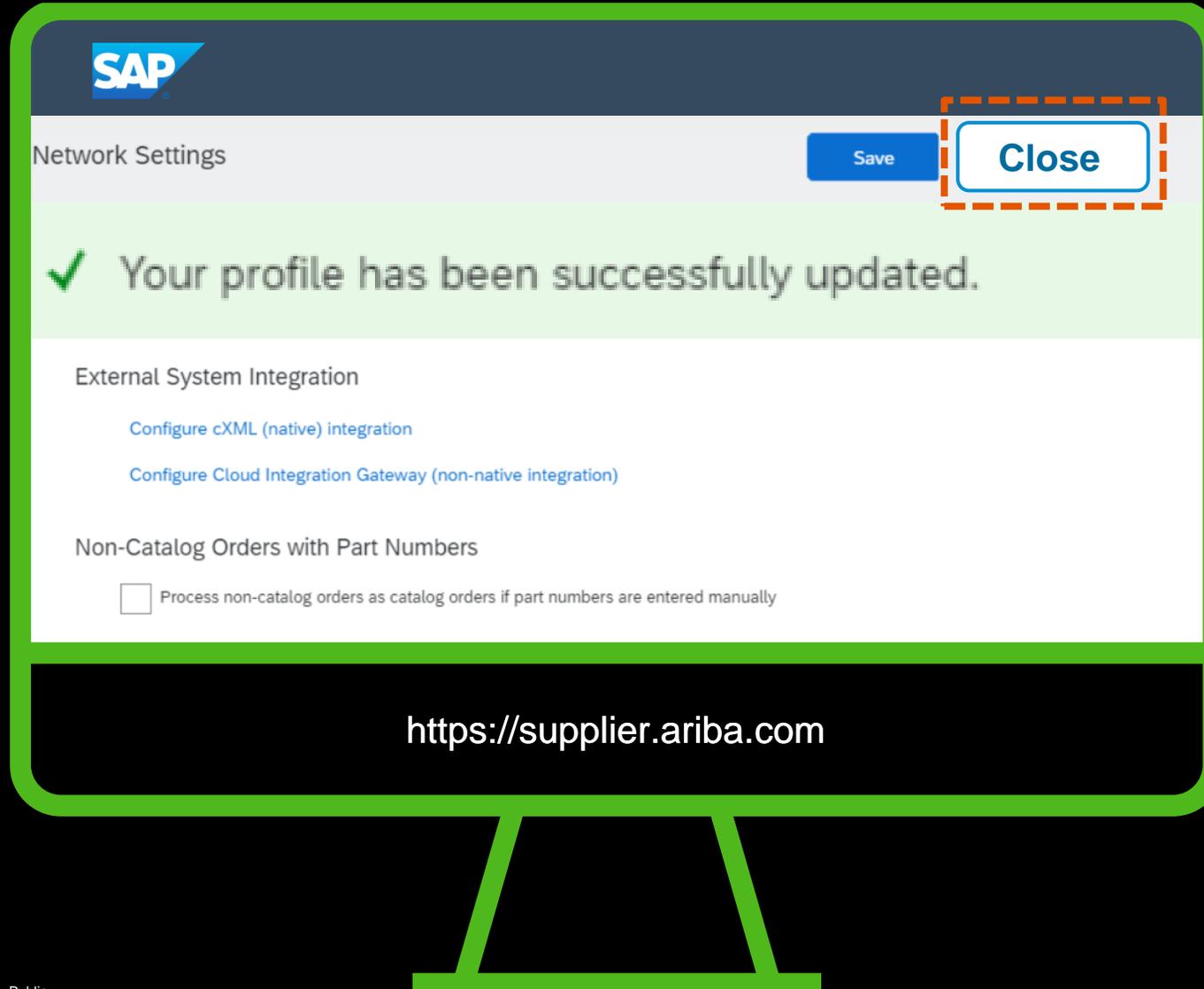
Index



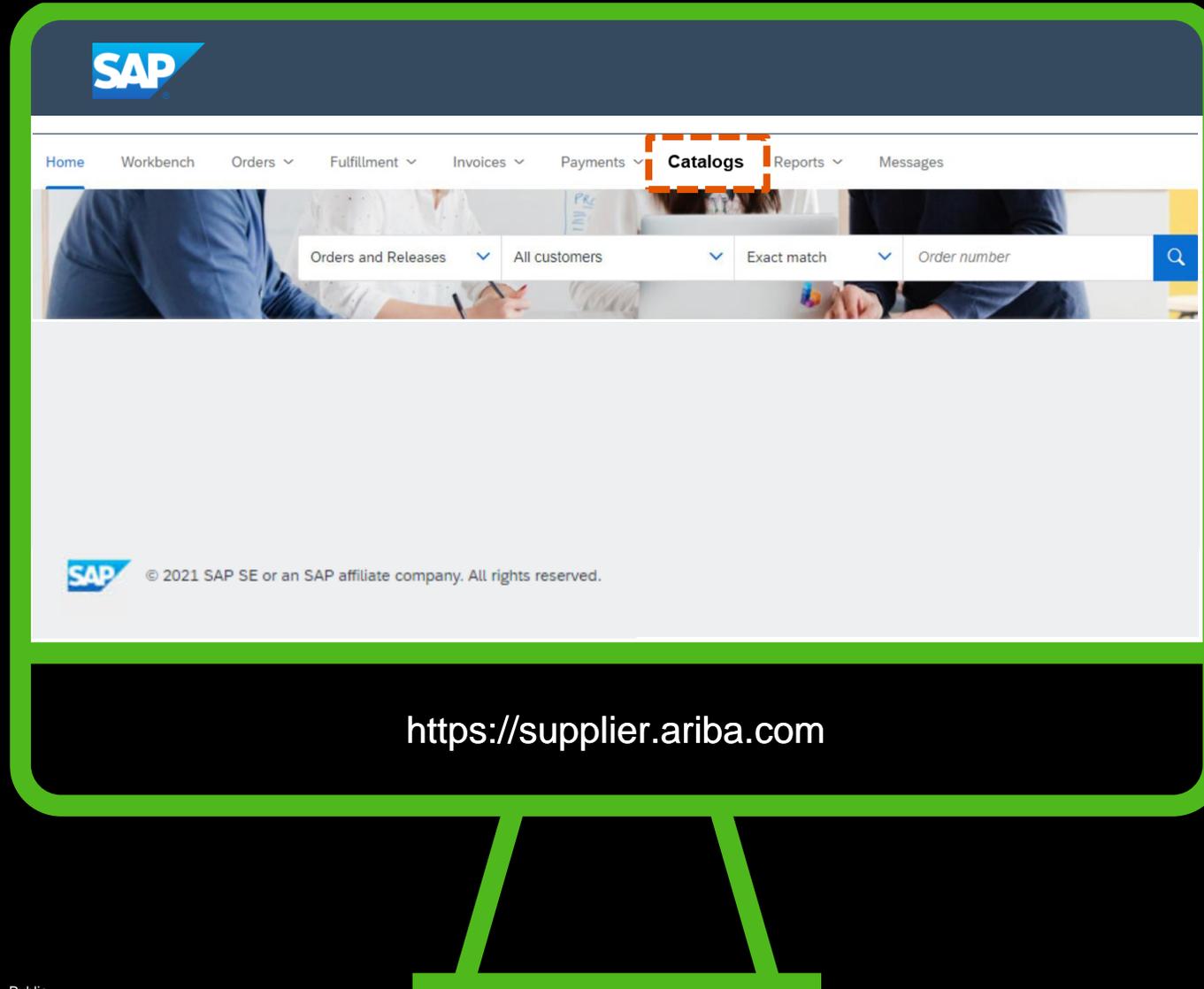
Refresh

9

Click on **Close** and you will be sent to the page explaining how to fill in the **INDEX FILE**



Main Page



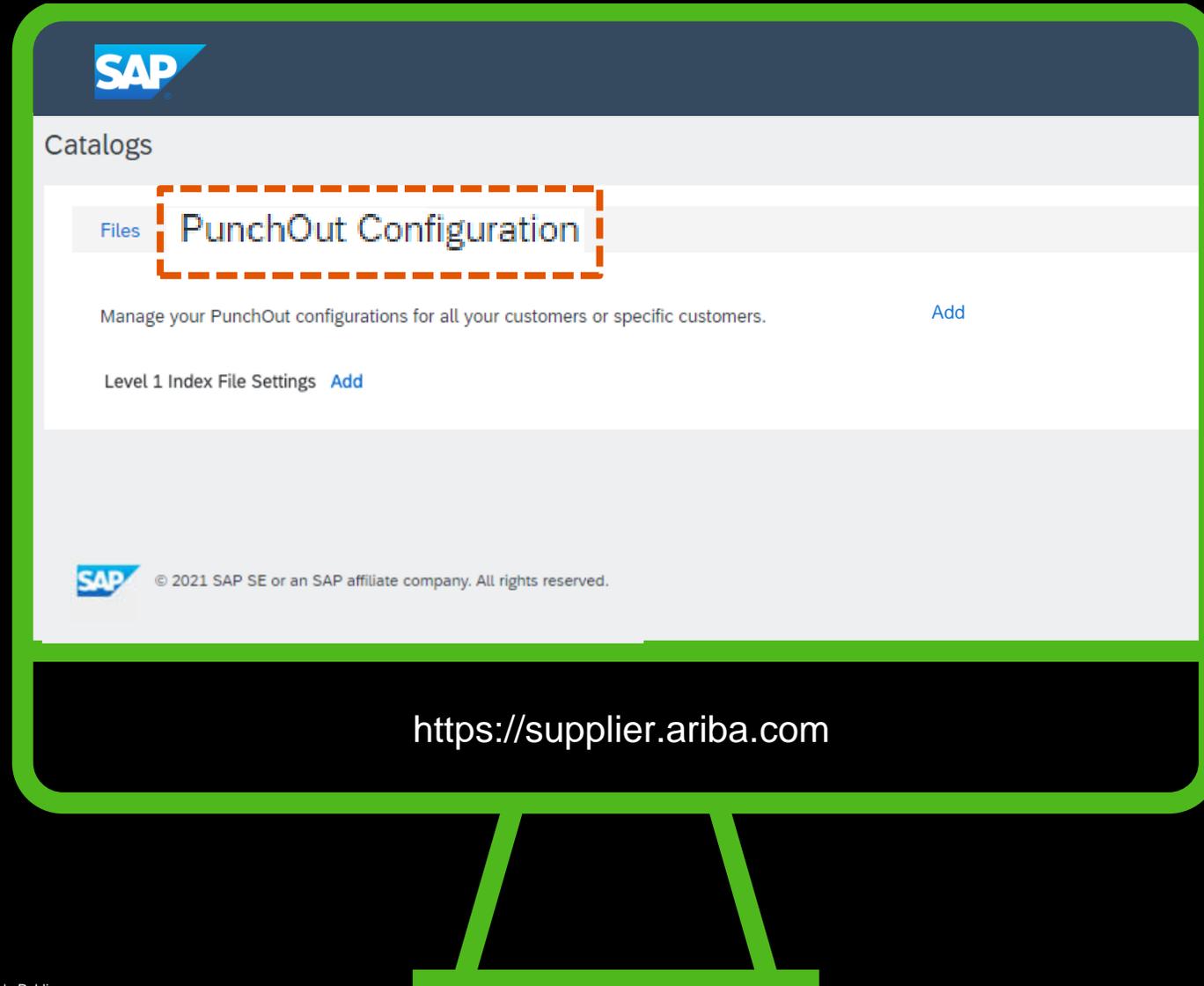
10

Go back to the Main page and Click on **Catalogs Tab** on Top

Catalog Page

11

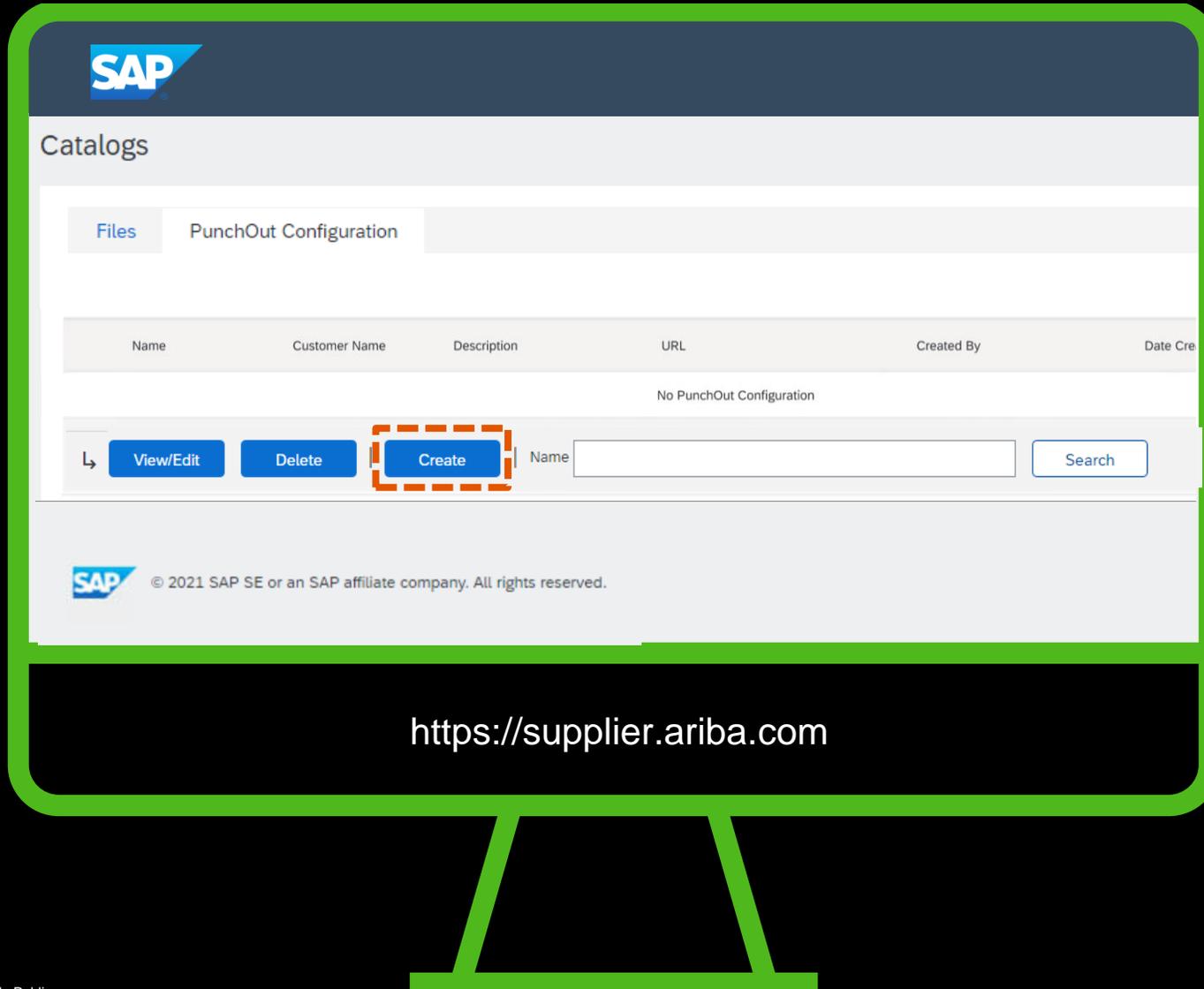
Click on **PunchOut Configuration** Tab



PunchOut Configuration

11

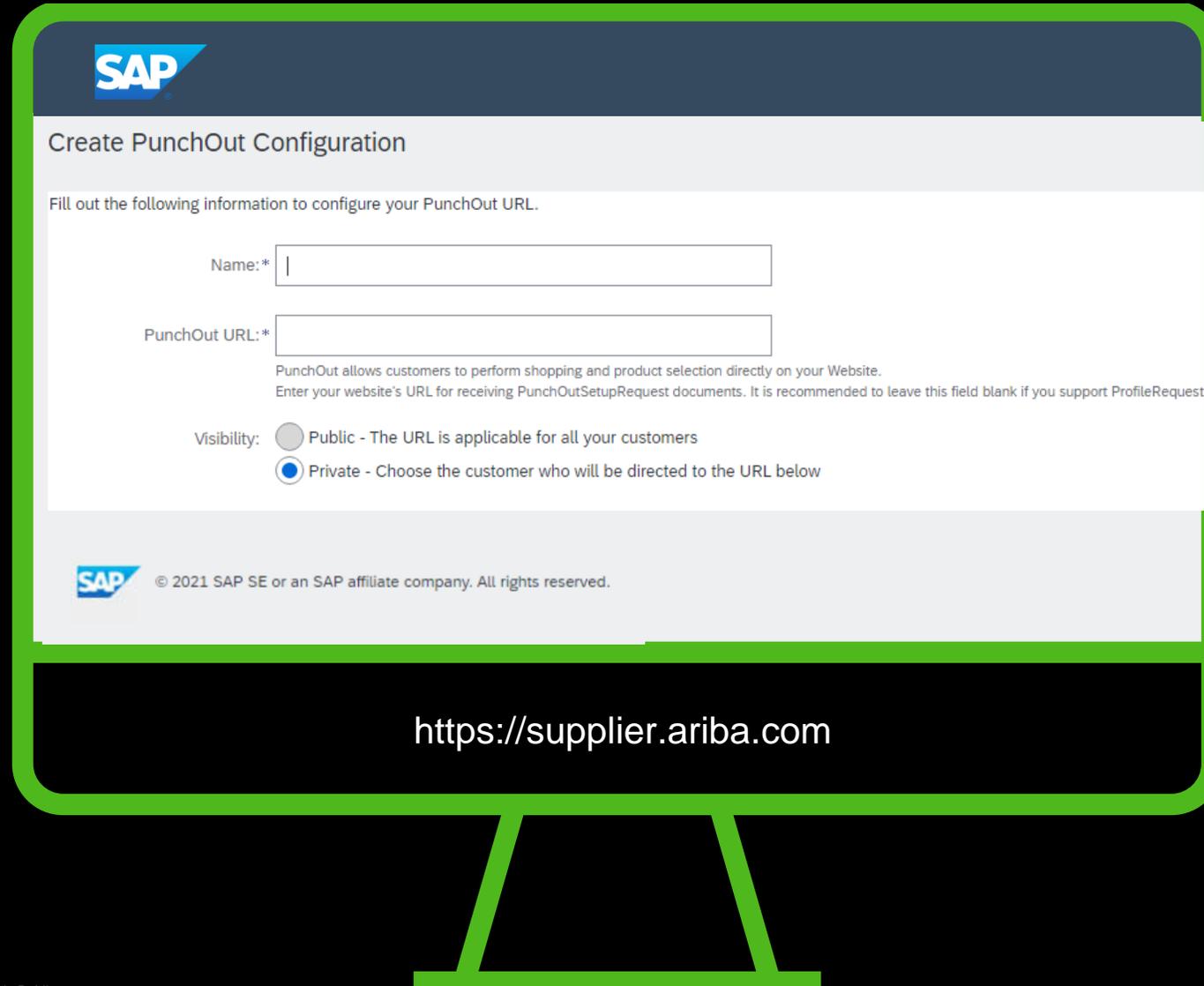
Click **Create** to add a **New PunchOut Configuration**



PunchOut Configuration – Name and PunchOut URL

12

Provide a **Name**
and a **PunchOut URL** for the new
Configuration
(Web-shop's URL)



The screenshot shows the SAP 'Create PunchOut Configuration' form. It includes a title bar with the SAP logo, a header section, and a main content area. The main content area contains a title 'Create PunchOut Configuration', a subtitle 'Fill out the following information to configure your PunchOut URL.', and two input fields: 'Name:*' and 'PunchOut URL:*'. Below the 'PunchOut URL:*' field is a note: 'PunchOut allows customers to perform shopping and product selection directly on your Website. Enter your website's URL for receiving PunchOutSetupRequest documents. It is recommended to leave this field blank if you support ProfileRequest'. Below the note are two radio button options for 'Visibility': 'Public - The URL is applicable for all your customers' and 'Private - Choose the customer who will be directed to the URL below'. The 'Private' option is selected. At the bottom of the form is the SAP logo and the text '© 2021 SAP SE or an SAP affiliate company. All rights reserved.'. The form is displayed on a monitor graphic with a green border. Two orange arrows point to the right towards the 'Name' and 'PunchOut URL' input fields.

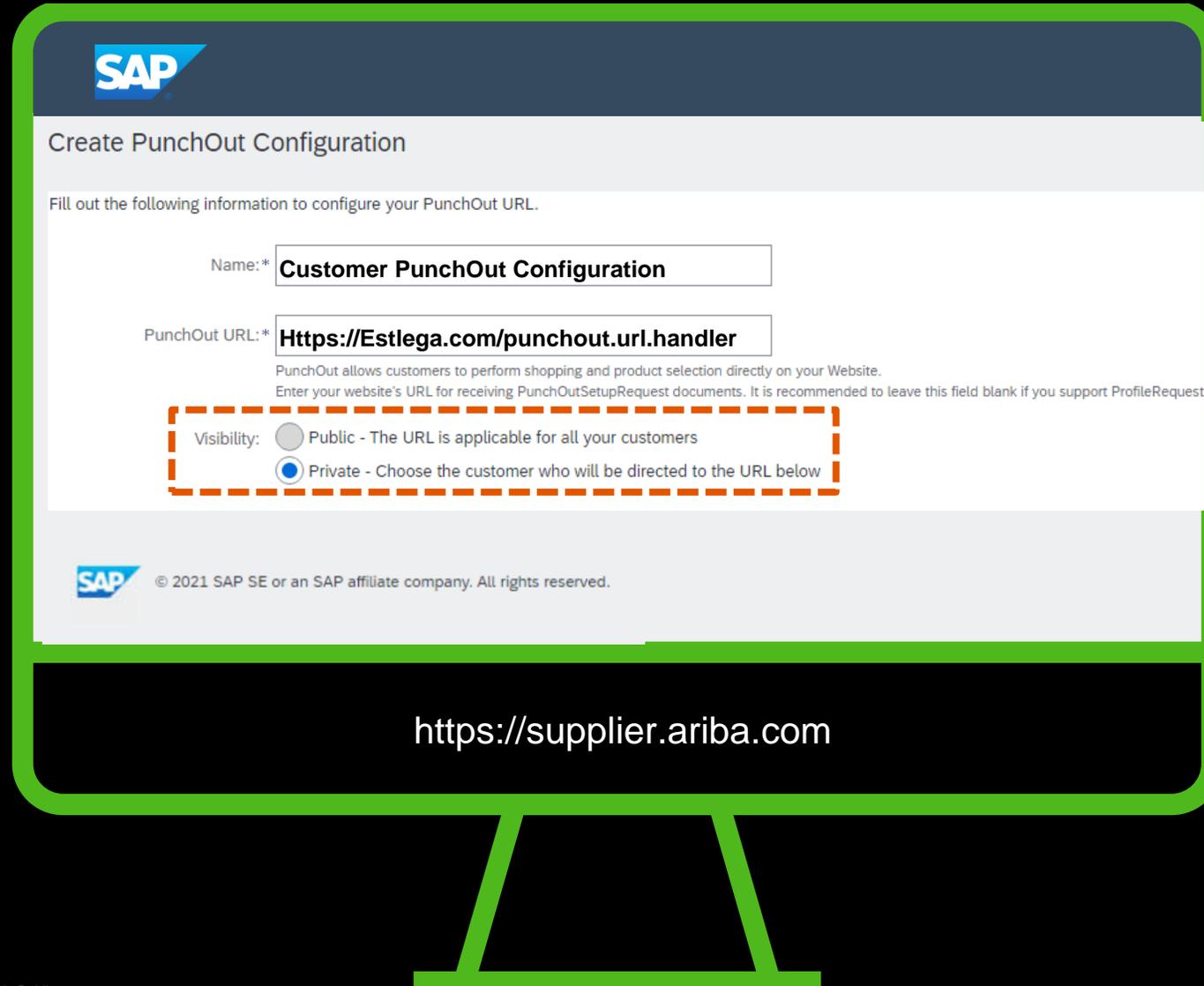
<https://supplier.ariba.com>

PunchOut Configuration - Visibility

13

Now select Visibility

The **Visibility** can be set as **Private** if the **PunchOut URL** is for a specific Customer connection, or it can be set as **Public**, if the **PunchOut URL** is default for all customers



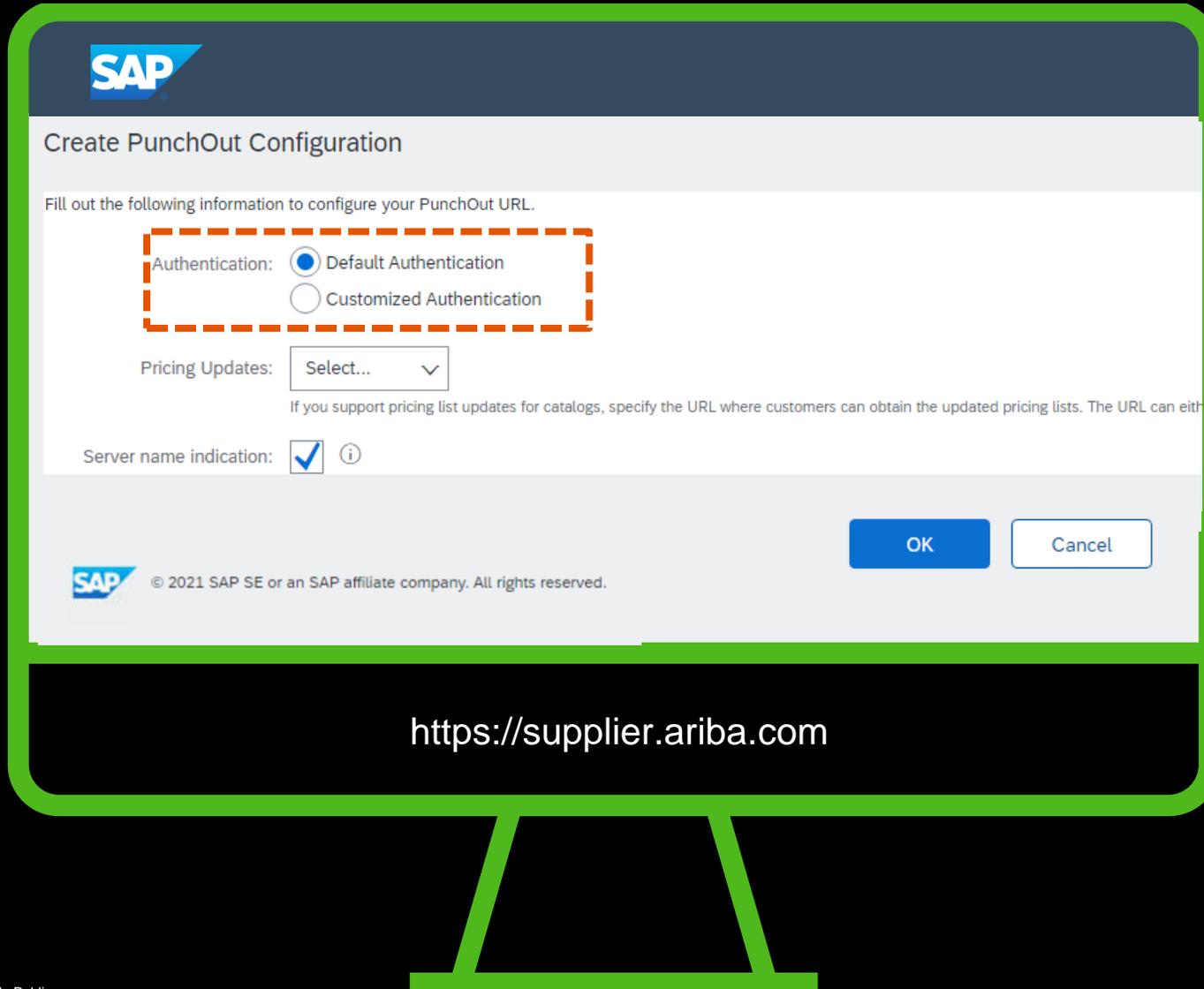
The screenshot shows the SAP 'Create PunchOut Configuration' form. The 'Name' field is filled with 'Customer PunchOut Configuration'. The 'PunchOut URL' field is filled with 'Https://Estlega.com/punchout.url.handler'. Below the URL field, there is a 'Visibility' section with two radio buttons: 'Public - The URL is applicable for all your customers' and 'Private - Choose the customer who will be directed to the URL below'. The 'Private' option is selected and highlighted with a dashed orange border. An orange arrow points to this section from the right. At the bottom of the form, the URL 'https://supplier.ariba.com' is displayed.

PunchOut Configuration - Default Authentication

14

Select **Default Authentication**

Default Authentication will pick up the authentication under cXML setup shown on slides 17-20



SAP

Create PunchOut Configuration

Fill out the following information to configure your PunchOut URL.

Authentication: Default Authentication
 Customized Authentication

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 relative URL or an absolute URL.

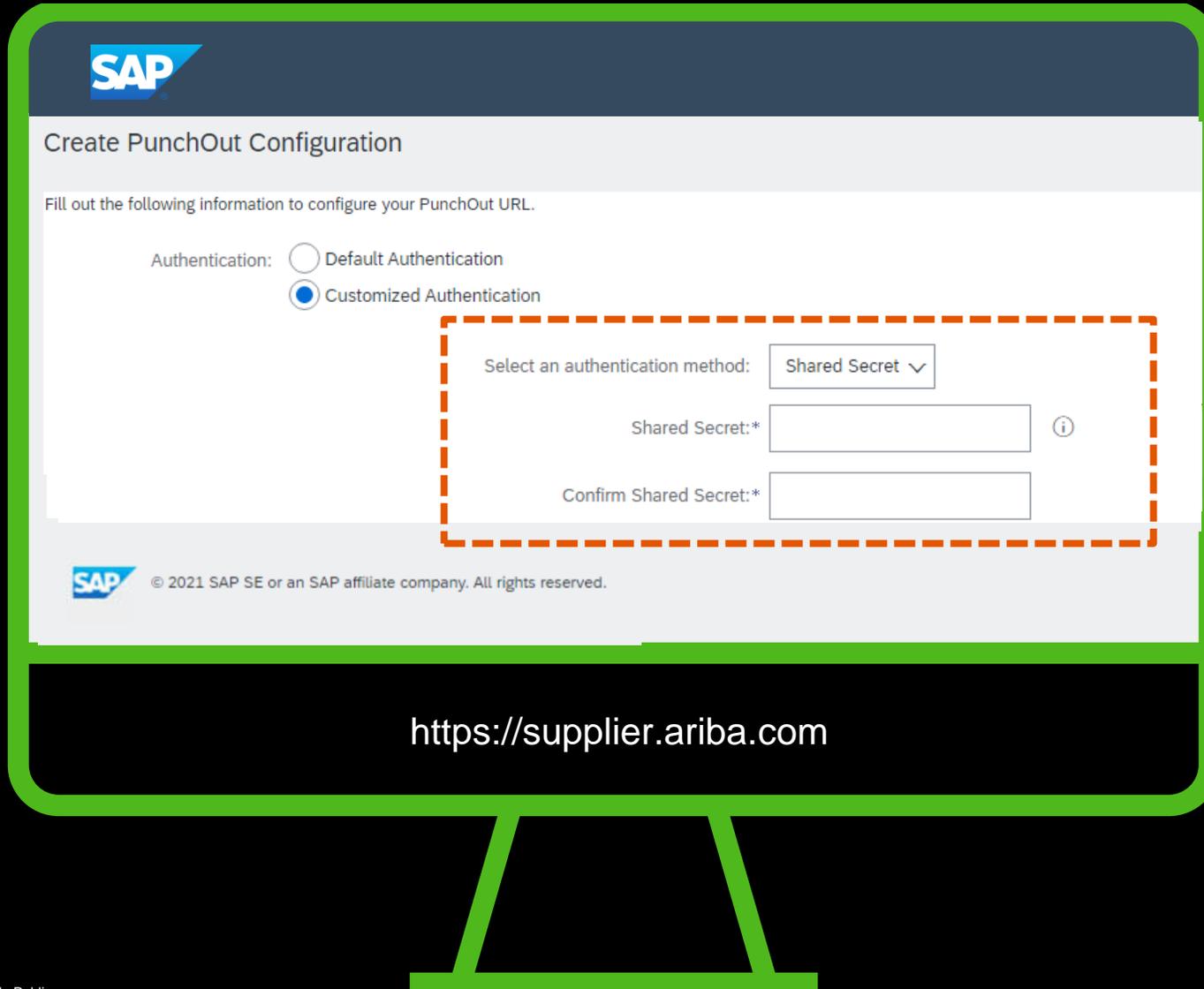
Server name indication: ⓘ

OK **Cancel**

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PunchOut Configuration - Customized Authentication



The screenshot shows the SAP 'Create PunchOut Configuration' interface. At the top left is the SAP logo. Below it, the title 'Create PunchOut Configuration' is displayed. A subtitle reads 'Fill out the following information to configure your PunchOut URL.' Underneath, there are two radio button options for 'Authentication': 'Default Authentication' (unselected) and 'Customized Authentication' (selected). A dashed orange box highlights the 'Customized Authentication' section, which includes a dropdown menu for 'Select an authentication method' (set to 'Shared Secret'), a text input field for 'Shared Secret:*' with an information icon, and another text input field for 'Confirm Shared Secret:*'. An orange arrow points from the right towards the 'Shared Secret' input field. At the bottom of the screen, the URL 'https://supplier.ariba.com' is displayed. The footer contains the SAP logo and the text '© 2021 SAP SE or an SAP affiliate company. All rights reserved.'

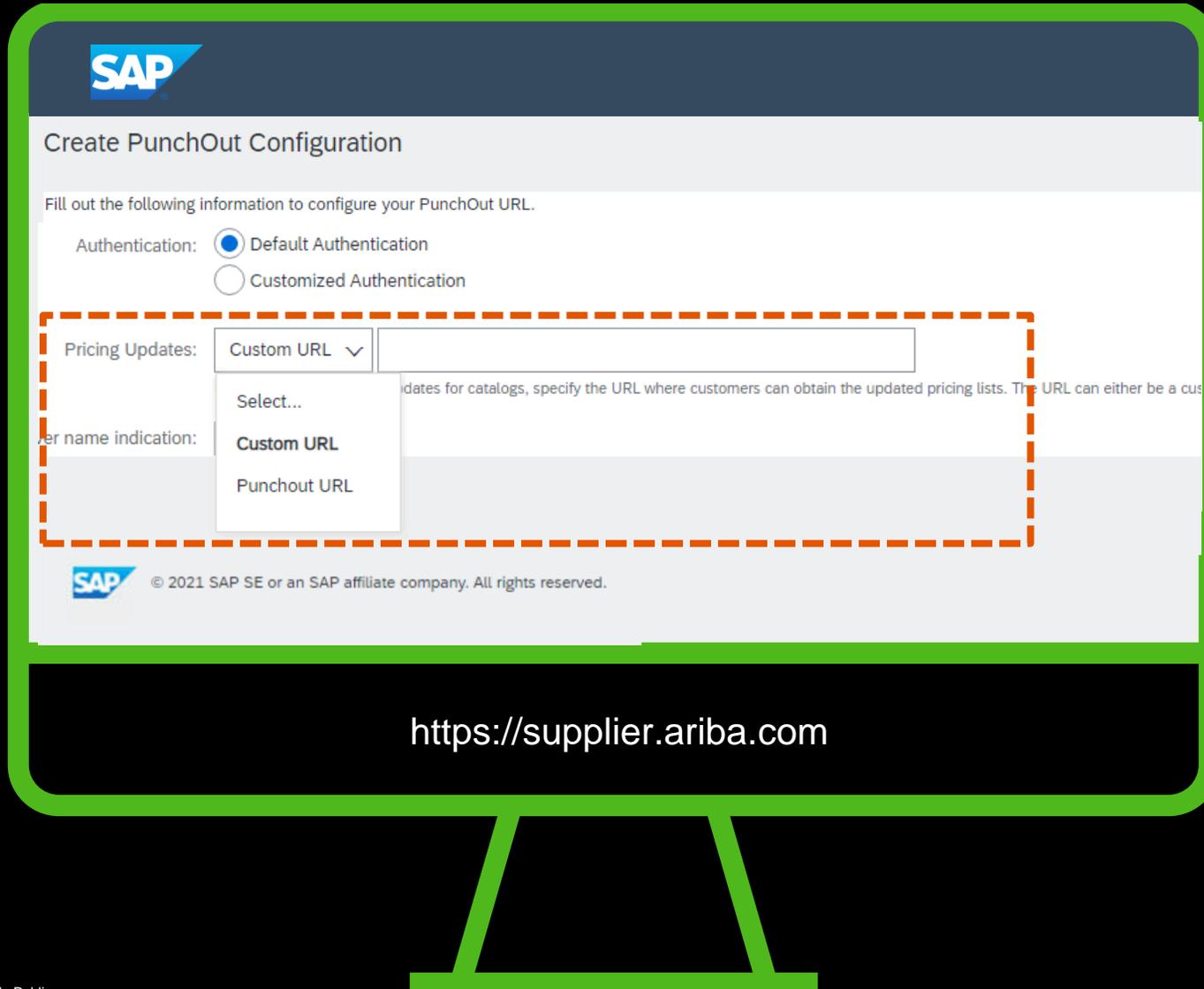
15

Or Select
**Customized
Authentication** and
provide a specific
Authentication for
this Configuration

PunchOut Configuration – Pricing Updates

16

If Pricing list updates are supported, a **Custom URL** or **PunchOut URL** can be specified here.



SAP

Create PunchOut Configuration

Fill out the following information to configure your PunchOut URL.

Authentication: Default Authentication
 Customized Authentication

Pricing Updates: Custom URL updates for catalogs, specify the URL where customers can obtain the updated pricing lists. The URL can either be a cus

Select...
Custom URL
Punchout URL

er name indication:

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<https://supplier.ariba.com>

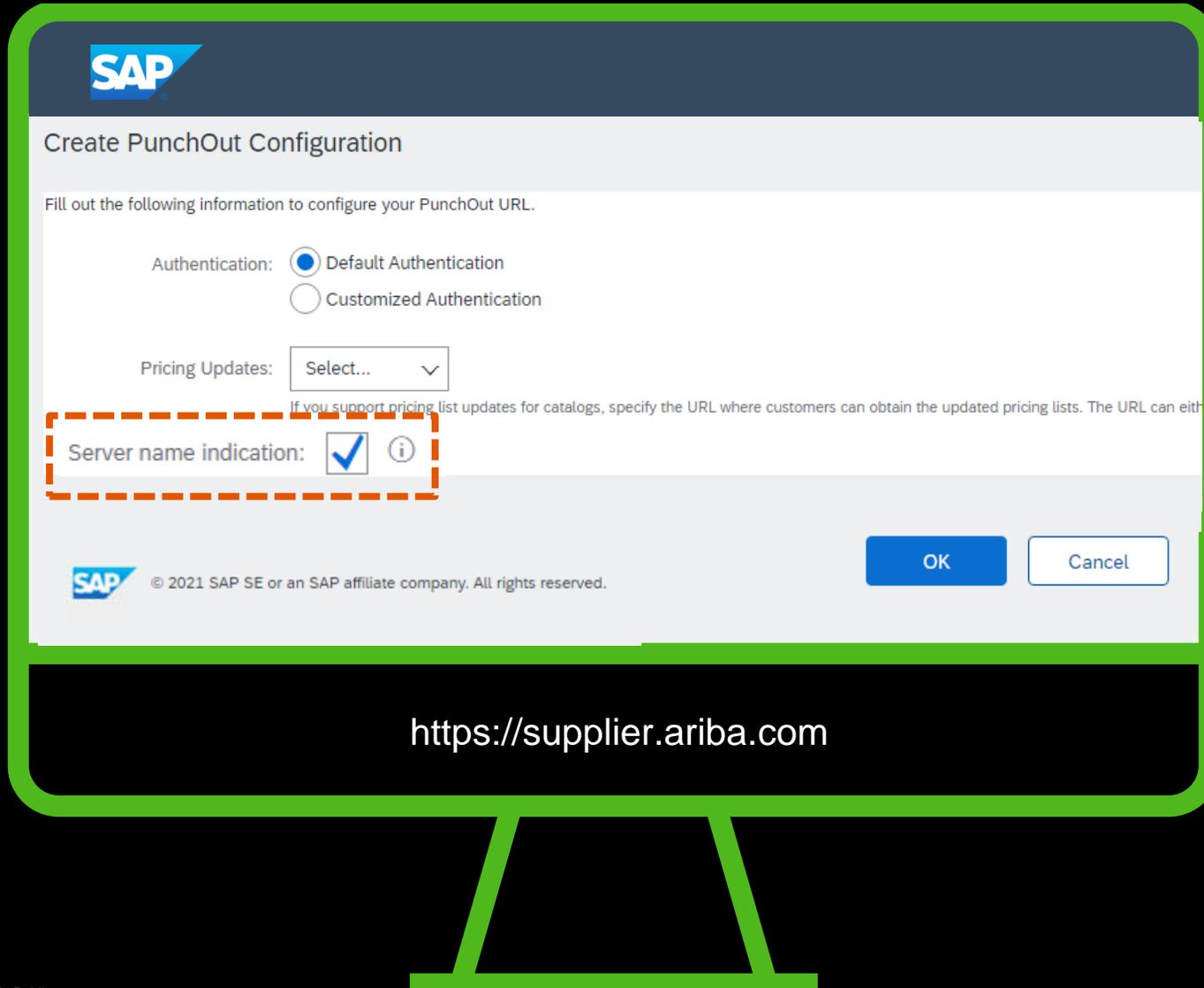
Note:

Pricing update option is related to PunchOut Level 2 catalogs

PunchOut Configuration – SNI

17

The **SNI tick box** is marked by default. If your URL is **not SNI enabled**, the tick box should be **unmarked**.



SAP

Create PunchOut Configuration

Fill out the following information to configure your PunchOut URL.

Authentication: Default Authentication
 Customized Authentication

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 relative URL or an absolute URL.

Server name indication: ⓘ

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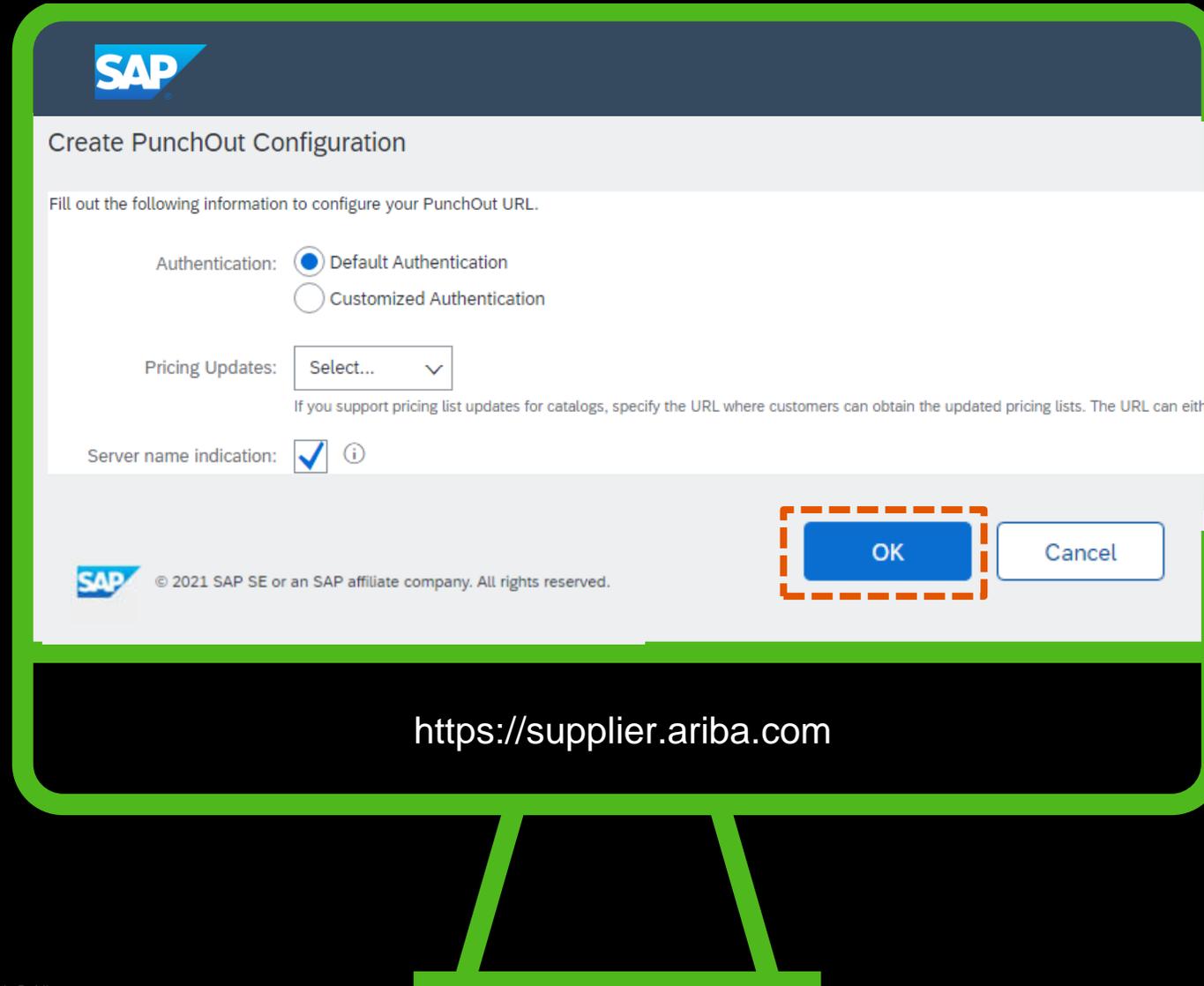
<https://supplier.ariba.com>

PunchOut Configuration – Finish

18

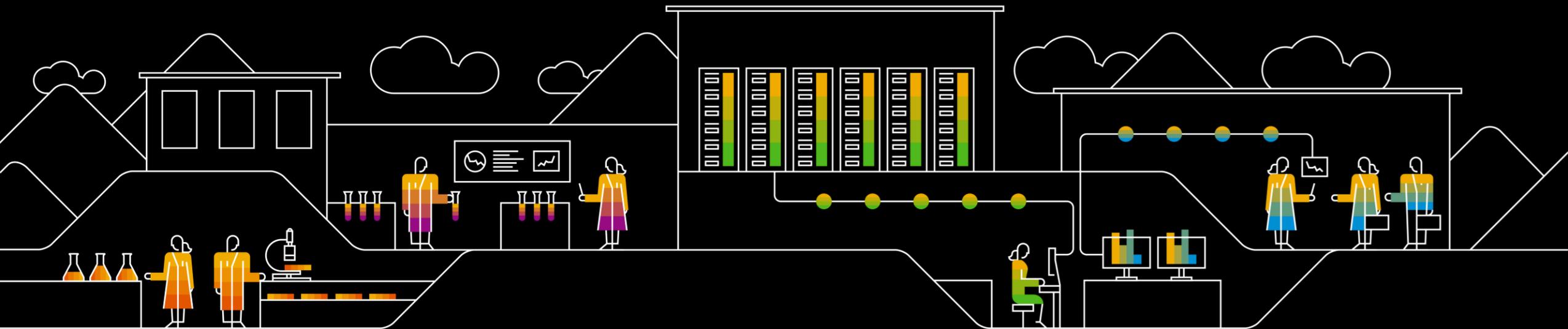
Click OK

The **Visibility** can be set as **Private** if the **PunchOut URL** is for a specific Customer connection, or it can be set as **Public**, if the **PunchOut URL** is default for all customers



The screenshot shows the 'Create PunchOut Configuration' dialog box in SAP. The dialog has a title bar with the SAP logo. Below the title bar, the text reads 'Create PunchOut Configuration' and 'Fill out the following information to configure your PunchOut URL.' The configuration options are: 'Authentication' with radio buttons for 'Default Authentication' (selected) and 'Customized Authentication'; 'Pricing Updates' with a dropdown menu set to 'Select...'; and 'Server name indication' with a checked checkbox and an information icon. At the bottom right, there are 'OK' and 'Cancel' buttons. The 'OK' button is highlighted with a dashed orange border. An orange arrow points to the 'OK' button from the right. Below the dialog box, the URL 'https://supplier.ariba.com' is displayed in a dark blue box.

Preparing and Loading the **Index File**



Option 1

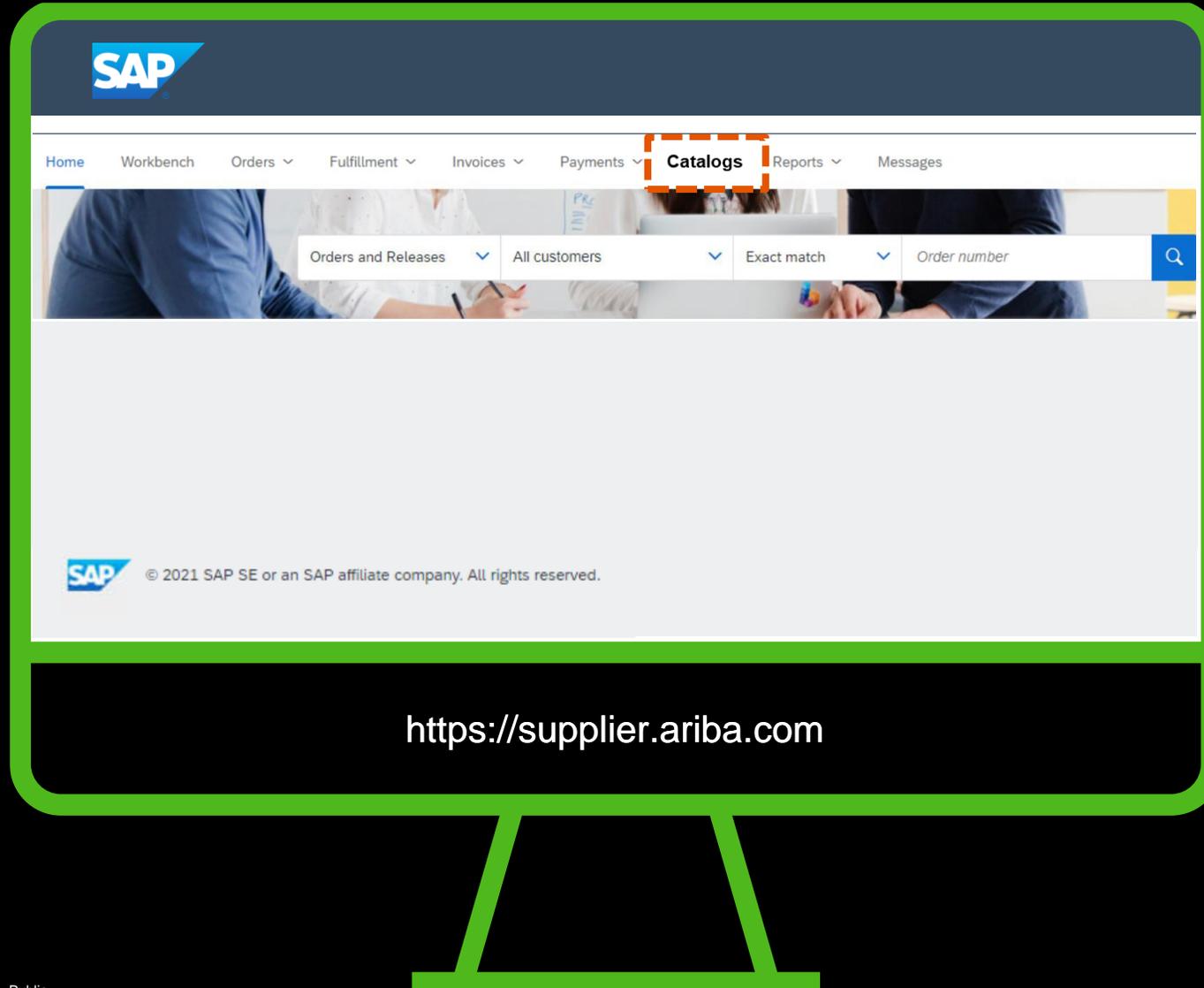
Creation of a **PunchOut Level 1 Index File Template** on SAP Business Network



Main Page

1

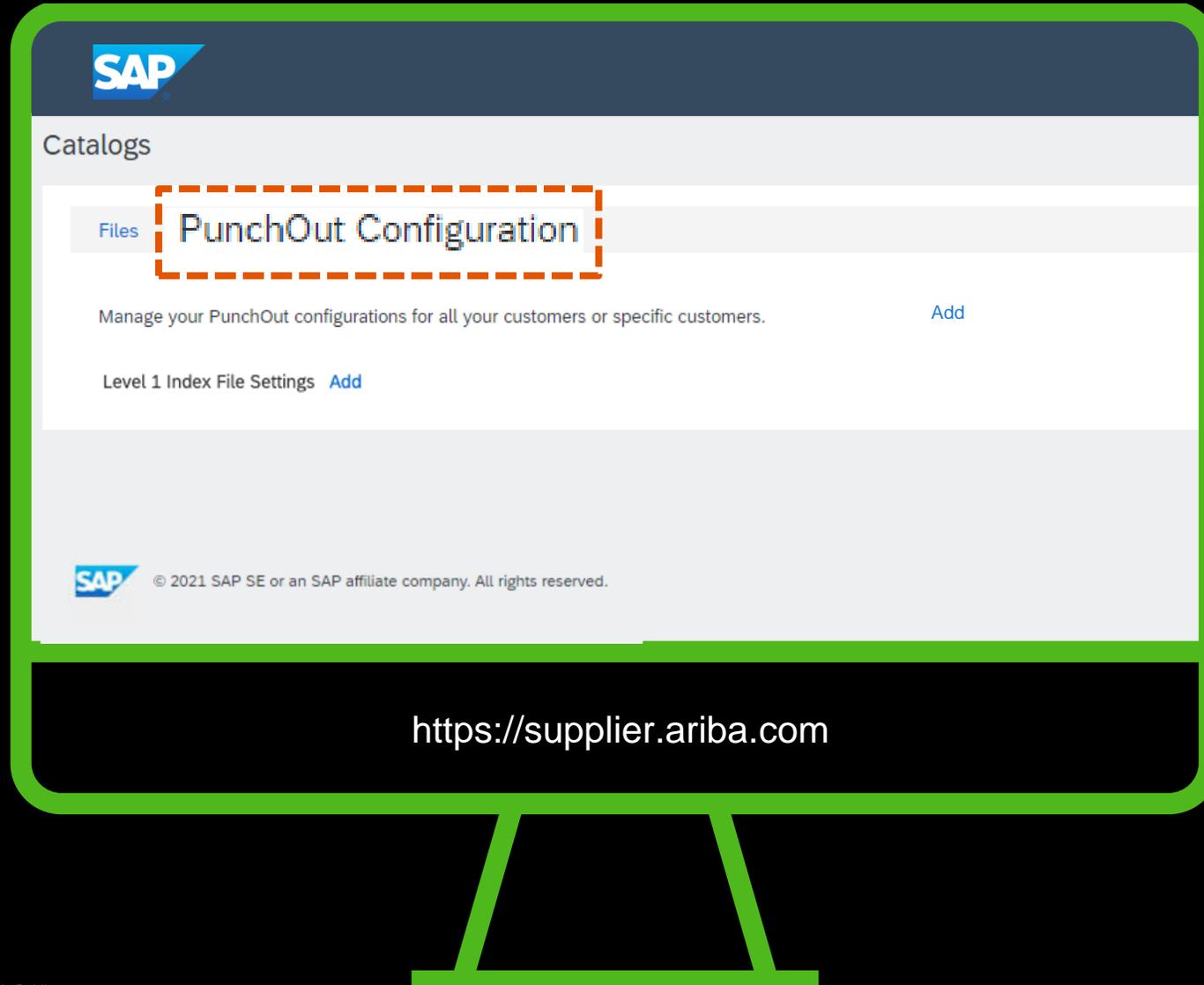
Now Lets Create
The Level 1 Index
File, Click on
Catalogs Tab on
Top



Catalog Page

2

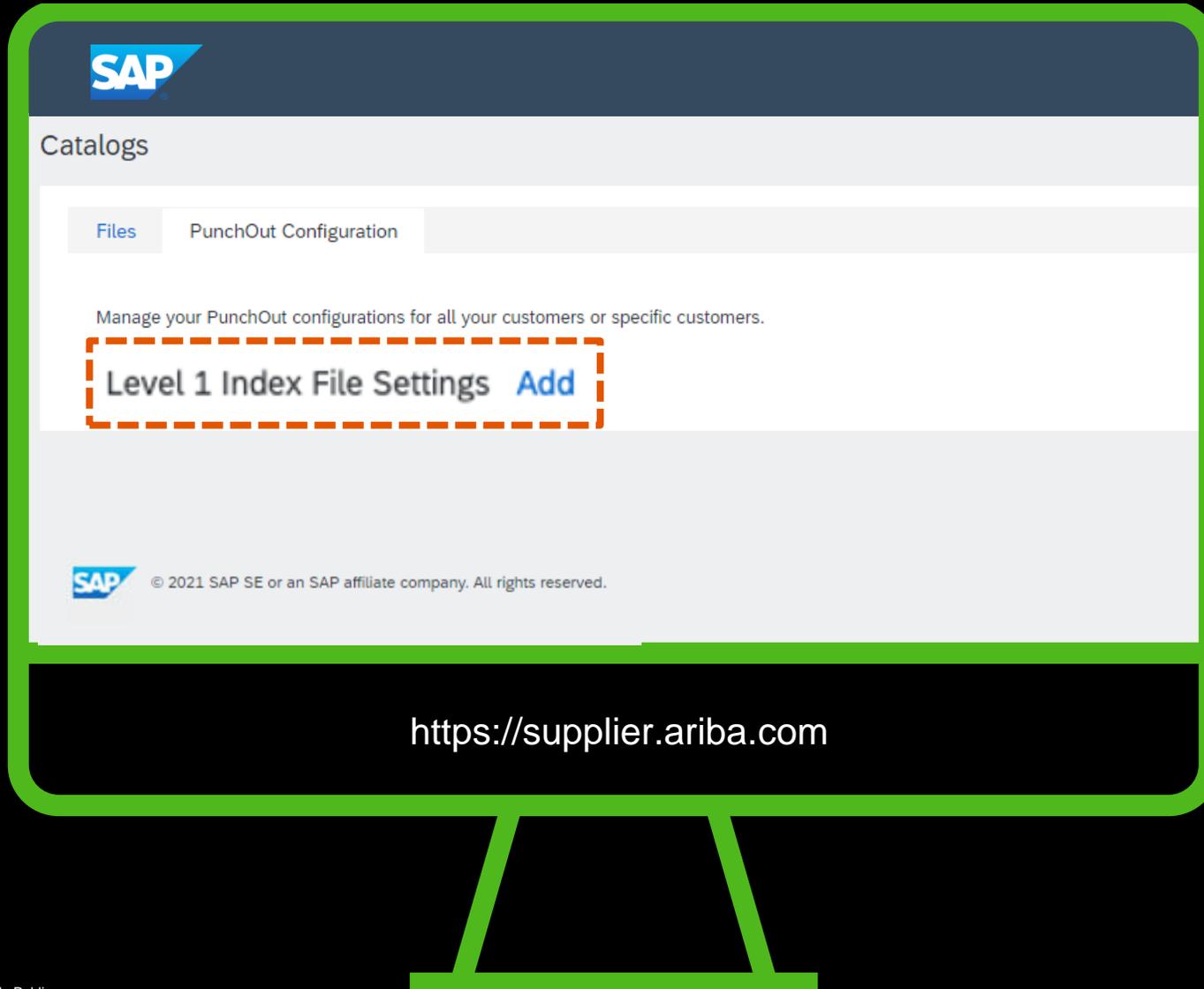
Click on **PunchOut Configuration** Tab



PunchOut Configuration – Index File Settings

3

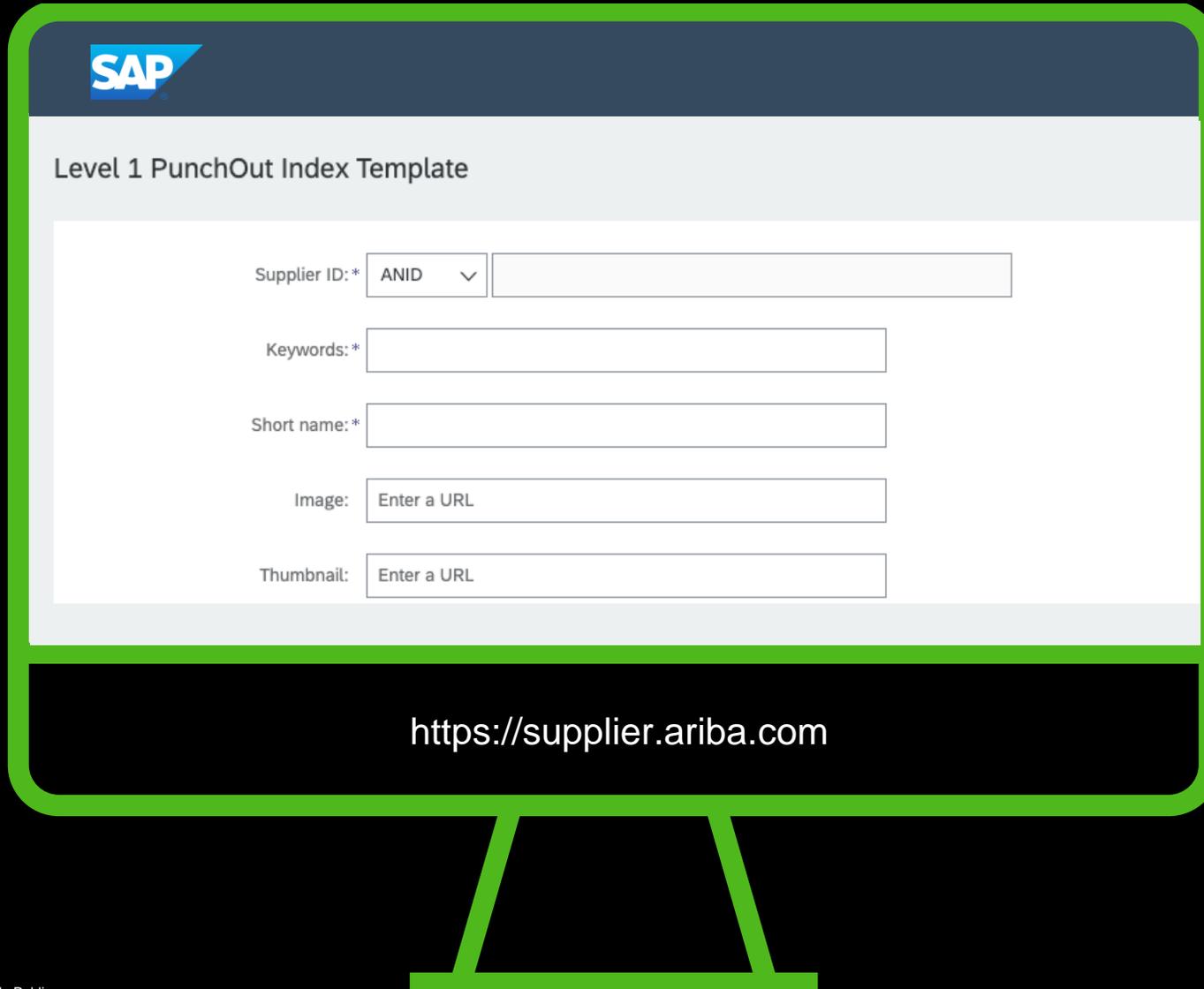
Click on **Add** next to
Level 1 Index File
Settings



Index File Template Setup

4

Fill out the required information
(View next slide for details)



The screenshot shows the SAP interface for setting up a Level 1 PunchOut Index Template. The SAP logo is in the top left corner. The title is "Level 1 PunchOut Index Template". Below the title, there are five input fields:

- Supplier ID: * ANID (dropdown menu) []
- Keywords: * []
- Short name: * []
- Image: Enter a URL []
- Thumbnail: Enter a URL []

At the bottom of the screen, the URL <https://supplier.ariba.com> is displayed. An orange arrow points to the right side of the form area.

Index Template Setup Details

Level 1 PunchOut Index Template

Supplier ID:* ANID

Keywords:*

Short name:*

Image:

Thumbnail:

Supplier ID is pre-populated. Can be switched between ANID and DUNS

Key Words are Mandatory.

Short Name Field is Mandatory can be used to show the **Name of your Company** in the UI

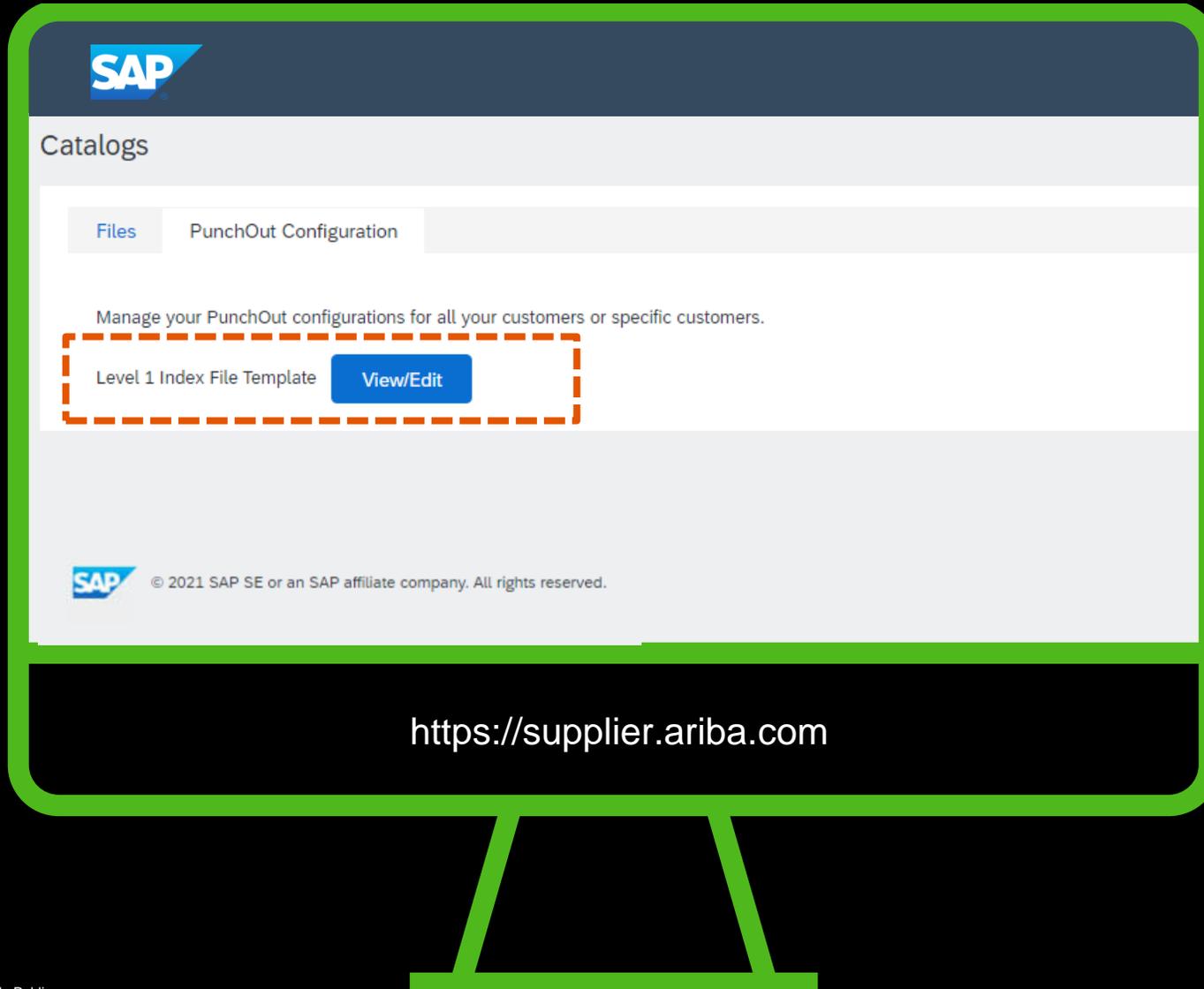
Image Field can be used for your **Company Logo**

Thumbnail Field same as Image

PunchOut Configuration – Index File Edit

4

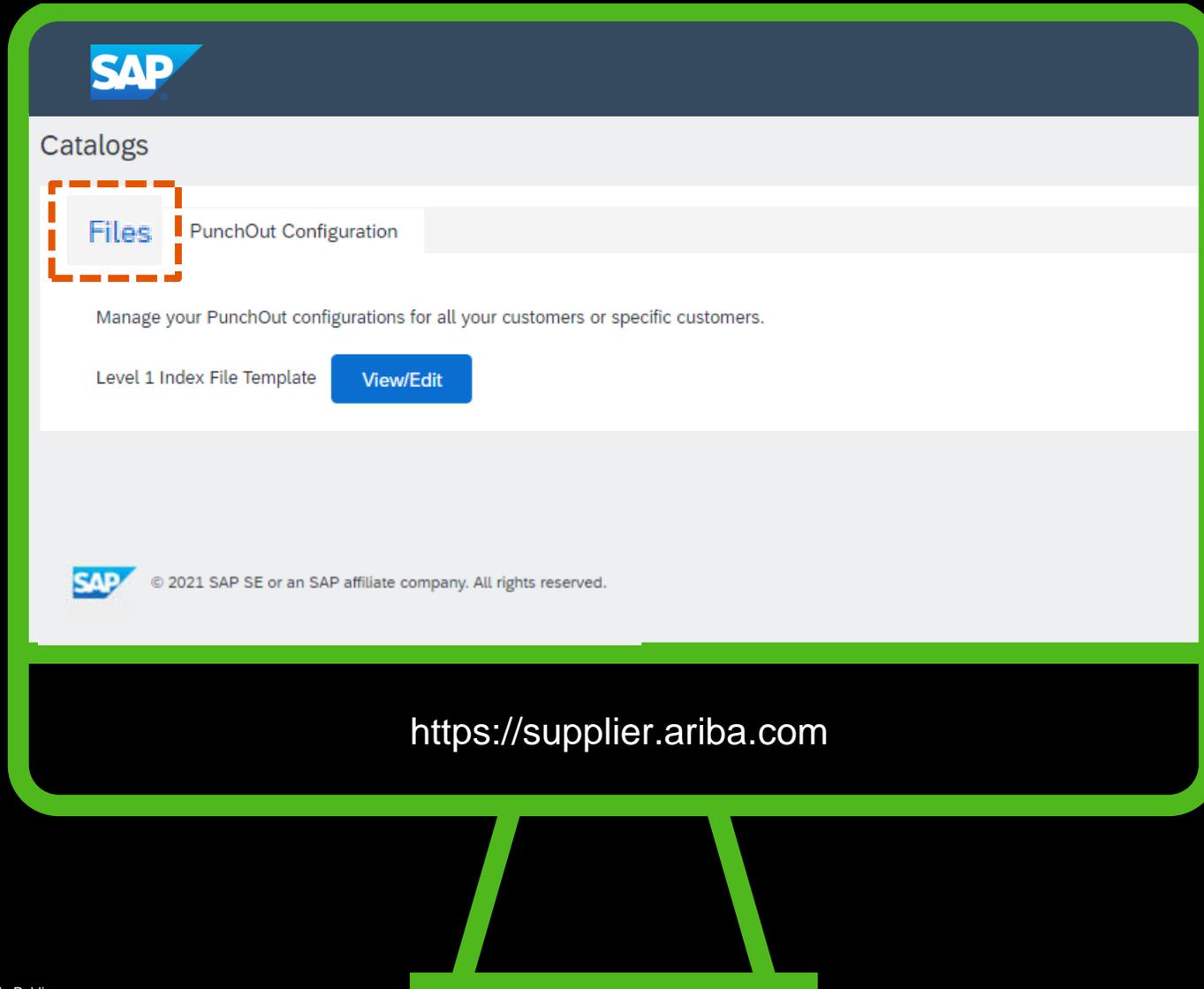
The Level 1 Index File Template can be later edited via button **View/Edit**



Catalog Page

5

Click on the **Files** tab



Create



Index



Refresh

6

Click on
Create

SAP

Catalogs

Manage catalogs for your customers using the catalog dashboard. Catalog files must be CIF, cXML, or Excel

Customer Name ↑	Catalog Name	Version	File Name	Type	Size
No items					

View/Edit Test Delete ▼ **Create** Refresh

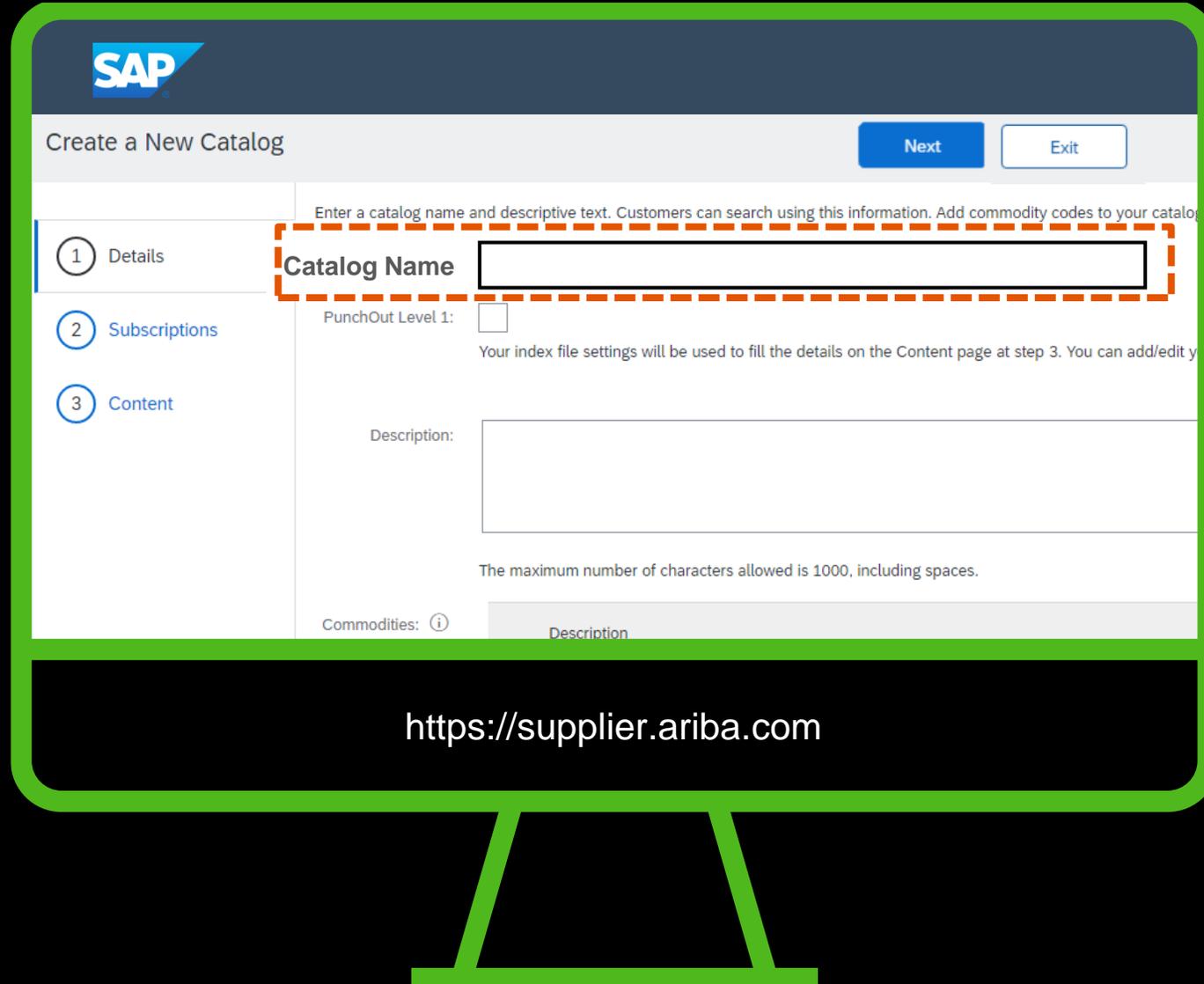
<https://supplier.ariba.com>

Subscription



7

Insert the **Catalog Name** (Catalog Subscription)



SAP

Create a New Catalog Next Exit

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

1 Details

2 Subscriptions

3 Content

Catalog Name

PunchOut Level 1:

Your index file settings will be used to fill the details on the Content page at step 3. You can add/edit y

Description:

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

Commodities: i

Description

<https://supplier.ariba.com>

Subscription – PunchOut Level 1



Index



Refresh

8

Select the
PunchOut Level 1
tick box.

SAP

Create a New Catalog Next Exit

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

1 Details **Catalog Name**

2 Subscriptions **PunchOut Level 1:**

3 Content

Description:

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

Commodities: i Description

<https://supplier.ariba.com>

Subscription



Index



Refresh

9

Click **Next**

SAP

Create a New Catalog Next Exit

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

1 Details **Catalog Name**

2 Subscriptions **PunchOut Level 1:**

3 Content Your index file settings will be used to fill the details on the Content page at step 3. You can add/edit y

Description:

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

Commodities: i

Description

<https://supplier.ariba.com>

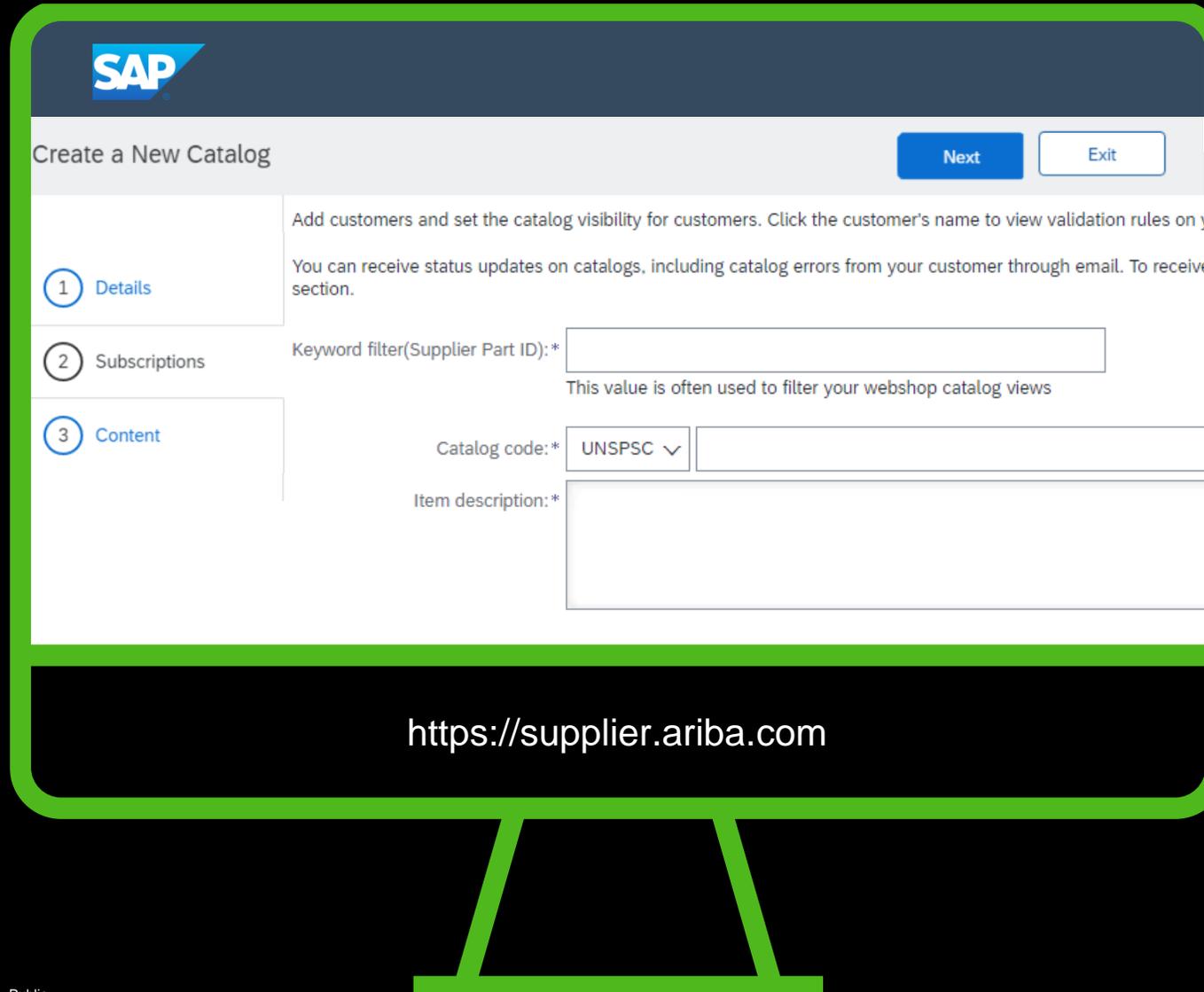
Further Information



10

Provide the required information

Item Description will be pre-populated from "Keywords" field in the Index Template



SAP

Create a New Catalog Next Exit

Add customers and set the catalog visibility for customers. Click the customer's name to view validation rules on y

You can receive status updates on catalogs, including catalog errors from your customer through email. To receive section.

1 Details

2 Subscriptions

3 Content

Keyword filter(Supplier Part ID):*

This value is often used to filter your webshop catalog views

Catalog code:* UNSPSC

Item description:*

<https://supplier.ariba.com>

Further Information



Index



Refresh

11

Click **Next**

SAP

Create a New Catalog Next Exit

Add customers and set the catalog visibility for customers. Click the customer's name to view validation rules on y
You can receive status updates on catalogs, including catalog errors from your customer through email. To receive
section.

1 Details

2 Subscriptions

3 Content

Keyword filter(Supplier Part ID):*
This value is often used to filter your webshop catalog views

Catalog code:*

Item description:*

<https://supplier.ariba.com>

Customer



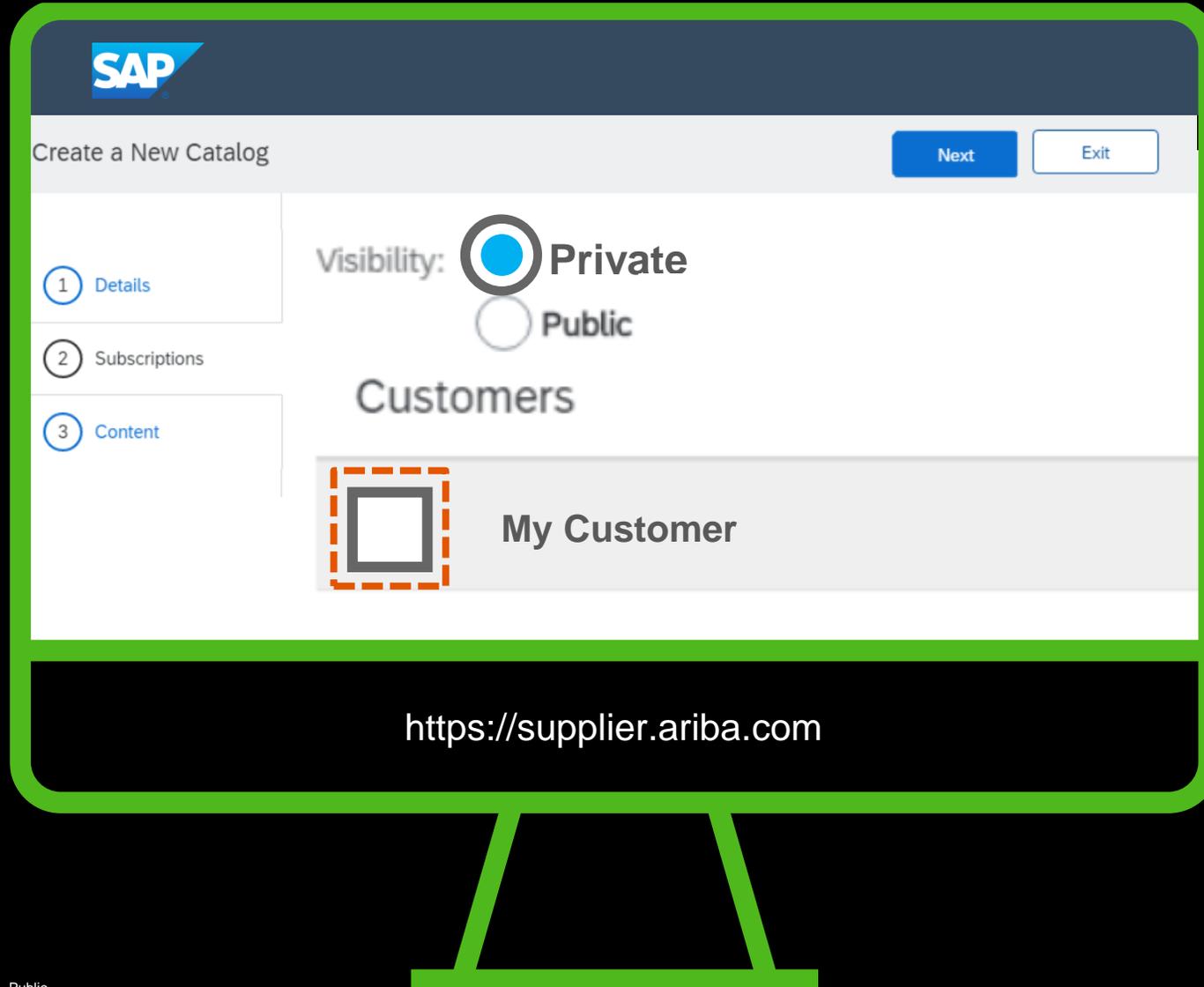
Index



Refresh

12

Ensure that 'Private' is selected (default) and **select My Customer** from available list of customers linked to your account

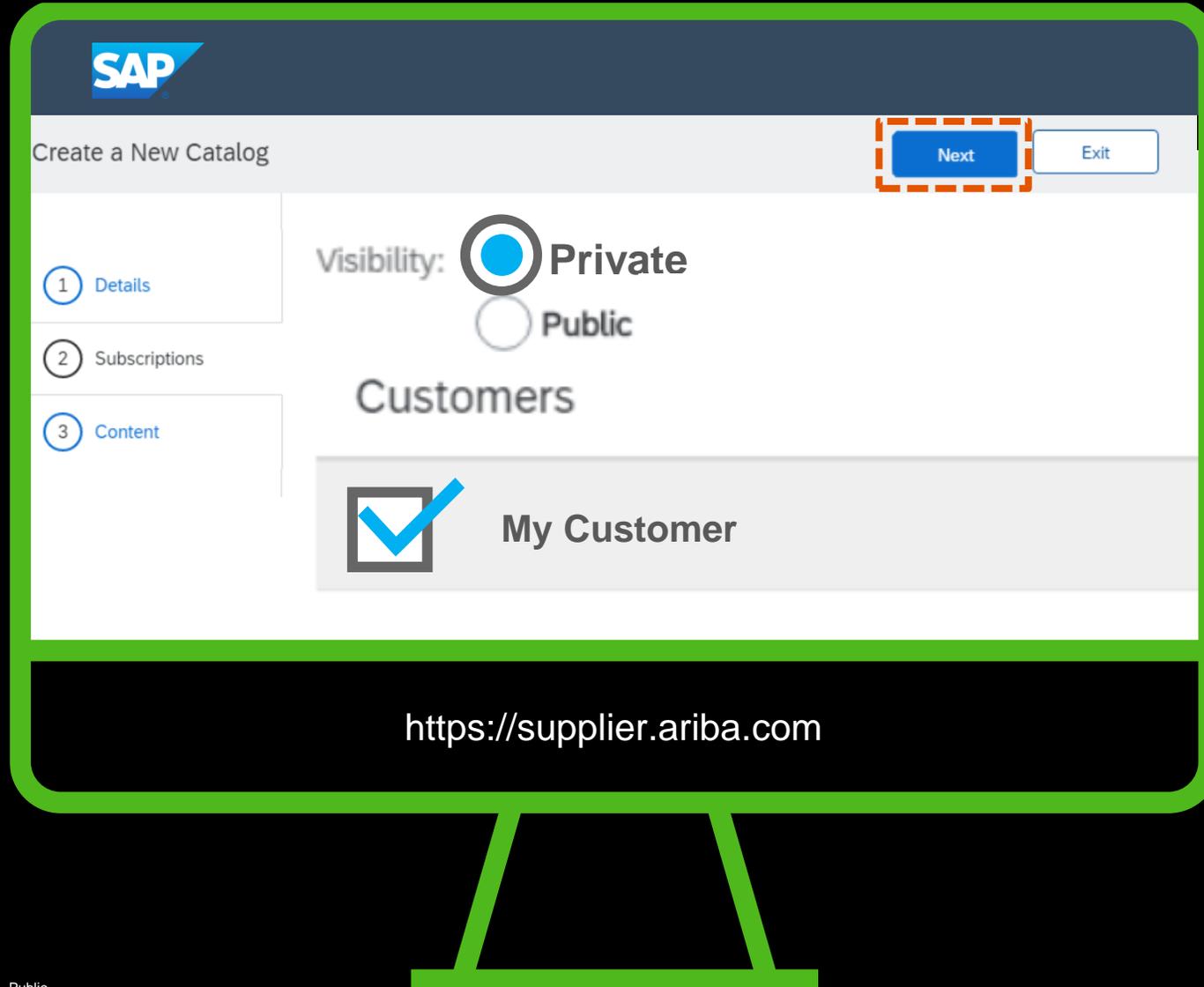


Next



13

Click **Next**



The screenshot shows the SAP 'Create a New Catalog' interface. At the top left is the SAP logo. Below it, the title 'Create a New Catalog' is displayed. In the top right corner, there are two buttons: 'Next' and 'Exit'. The 'Next' button is highlighted with a dashed orange border and an orange arrow points to it from the right. On the left side, there is a navigation menu with three items: '1 Details', '2 Subscriptions', and '3 Content'. The main content area shows 'Visibility: Private' selected with a radio button, and 'Public' unselected. Below this, the text 'Customers' is visible. At the bottom of the main content area, there is a section titled 'My Customer' with a checked checkbox icon.

<https://supplier.ariba.com>

Index Format



Index



Refresh

14

The information from the **Level 1 Index File Template** will be displayed here

SAP

Create a New Catalog Exit

✓ PunchOut enabled

1 Details

2 Subscriptions

3 Content

Short Name: **PunchOut L1 Catalog**

Keywords: **Test Keywords**

Image URL: **https://testimage.com**

Thumbnail URL: **https://testimage.com**

<https://supplier.ariba.com>

Index Format



Index



Refresh

15

Click on **Validate and Publish** and you will be sent to the **PURCHASING DEMO**

SAP

Create a New Catalog Exit

✓ PunchOut enabled

1 Details

2 Subscriptions

3 Content

Short Name: **PunchOut L1 Catalog**

Keywords: **Test Keywords**

Image URL: **https://testimage.com**

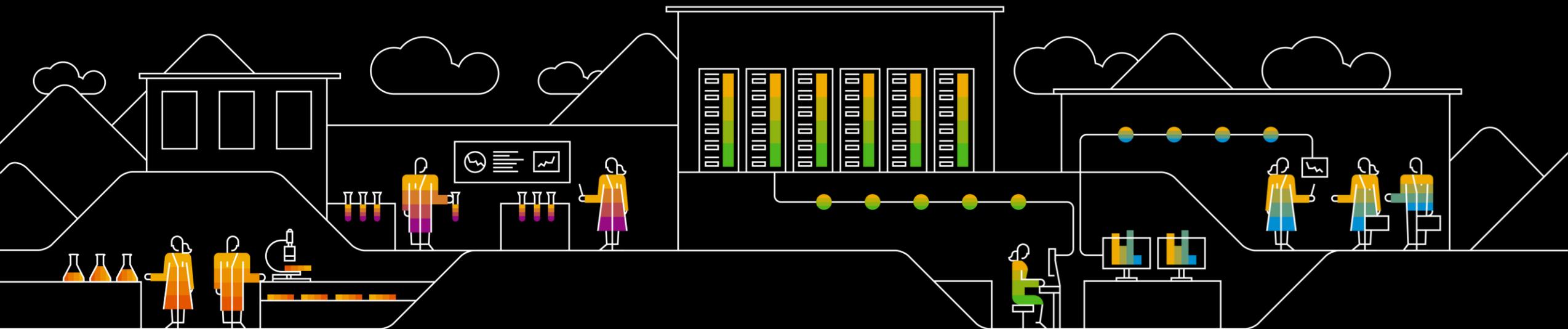
Thumbnail URL: **https://testimage.com**

Validate and Publish

<https://supplier.ariba.com>

Option 2

Manual upload of a **Static Index File**



Index File : How to fill it in

Index File is a template created by SAP Ariba **Catalog Enablement team** based on **Buyer's specific requirements** and sent to **Suppliers** to fill in and upload onto the **Ariba Network** in order to create a link between **supplier's web-shop** and **Buyer's SAP Ariba Application**

Supplier ID	Supplier Part ID	Item Description	Unit Price	Unit of Measure	Short Name	Classification Codes-1 Domain	Value	Supplier URL	PunchOut Enabled	PunchoutLevel	Image-1 Thumbnail	Normal	Detailed	Keywords
AN01452228885	PunchOut_000	[put your keywords in this field] e.g.: Stationary, pen, rubber, ruler, stapler, [other keywords]			Example Supplier Name - PunchOut	UNSPSC	80	https://www.mywebshop.co.uk/portal_landing_page	True	store			https://MyCompany.co.uk/MyLogo_Im	Stationary, pen, rubber, ruler, stapler, [other keywords]

Blue Fields are Mandatory

Short Name Field is used to show the **Name of your Company** in the UI

Item Description Field help identify the item in a search. Separate words with a comma

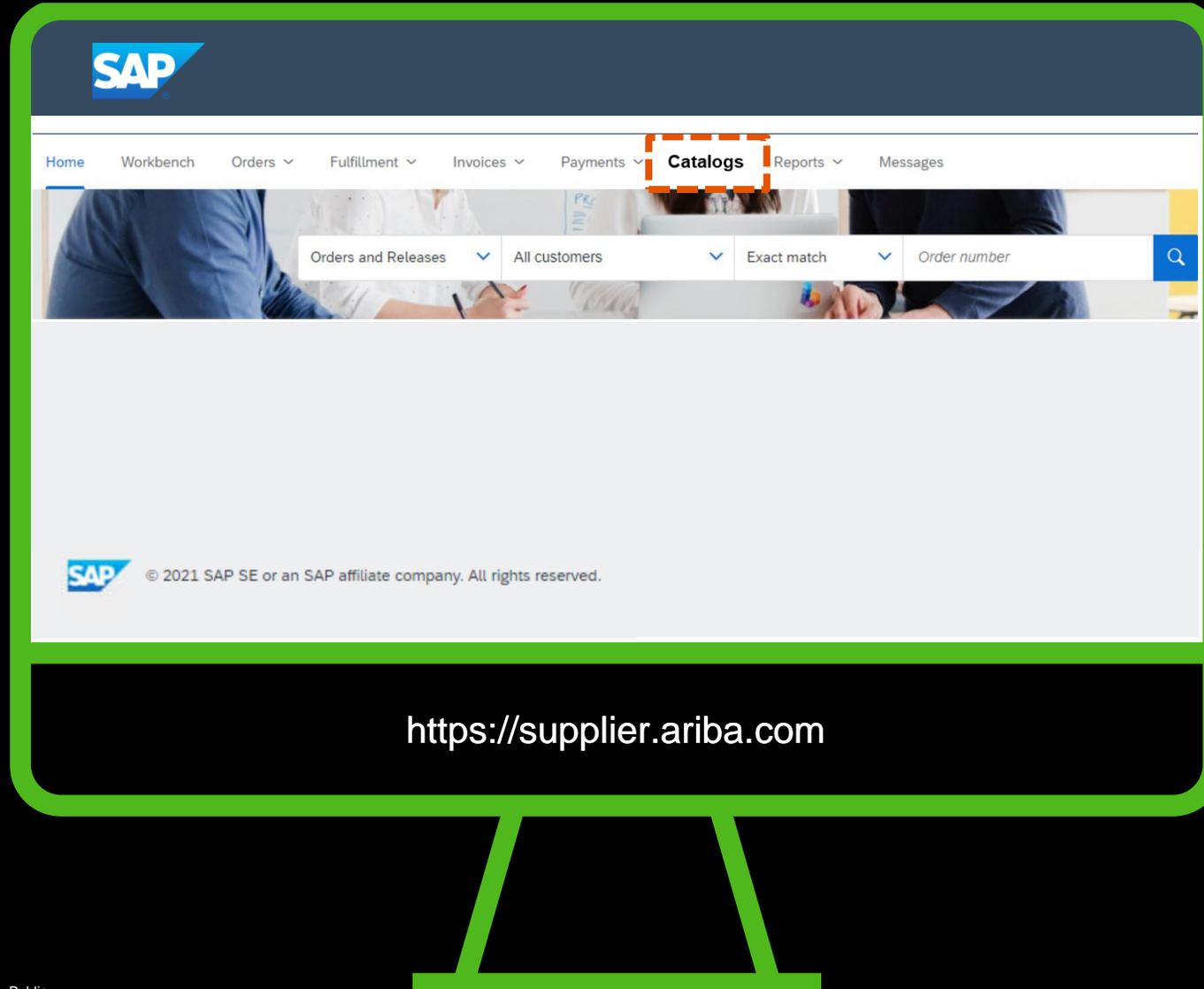
Image Fields is used to show your **Company Logo**. We recommend using the *Detailed* subfield only

Supplier URL Field same as the one Indicated at account – it will be send in the PunchOut SetupRequest

[Click here for AN Configuration Simulation](#)

[Click here for UPLOAD Simulation](#)

Main Page



1

Now Lets Upload
The Index File, Click
on **Catalogs Tab** on
Top

Create



Index



Refresh

2

Click On
Create

SAP

Catalogs

Manage catalogs for your customers using the catalog dashboard. Catalog files must be CIF, cXML, or Excel

Customer Name ↑	Catalog Name	Version	File Name	Type	Size
No items					

[View/Edit](#) [Test](#) [Delete ▼](#) **[Create](#)** [Refresh](#)

<https://supplier.ariba.com>

Subscription



Index



Refresh

3

Insert the **Catalog Name** (Catalog Subscription)

Do not select PunchOut Level 1: tickbox.

SAP

Create a New Catalog Next Exit

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

1 Details

Catalog Name

2 Subscriptions

PunchOut Level 1:

Your index file settings will be used to fill the details on the Content page at step 3. You can add/edit y

3 Content

Description:

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

Commodities: i Description

<https://supplier.ariba.com>

Next



Index



Refresh

4

Click **Next**

SAP

Create a New Catalog

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

Next **Exit**

1 Details
2 Subscriptions
3 Content

Catalog Name Buyer_Supplier_CZ_PunchOut

Created By:
Date Created: Saturday 27 Jun 2020 7:17 PM GMT+02:00
Description:

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

Commodities: ⓘ

Description
No items

<https://supplier.ariba.com>

Customer



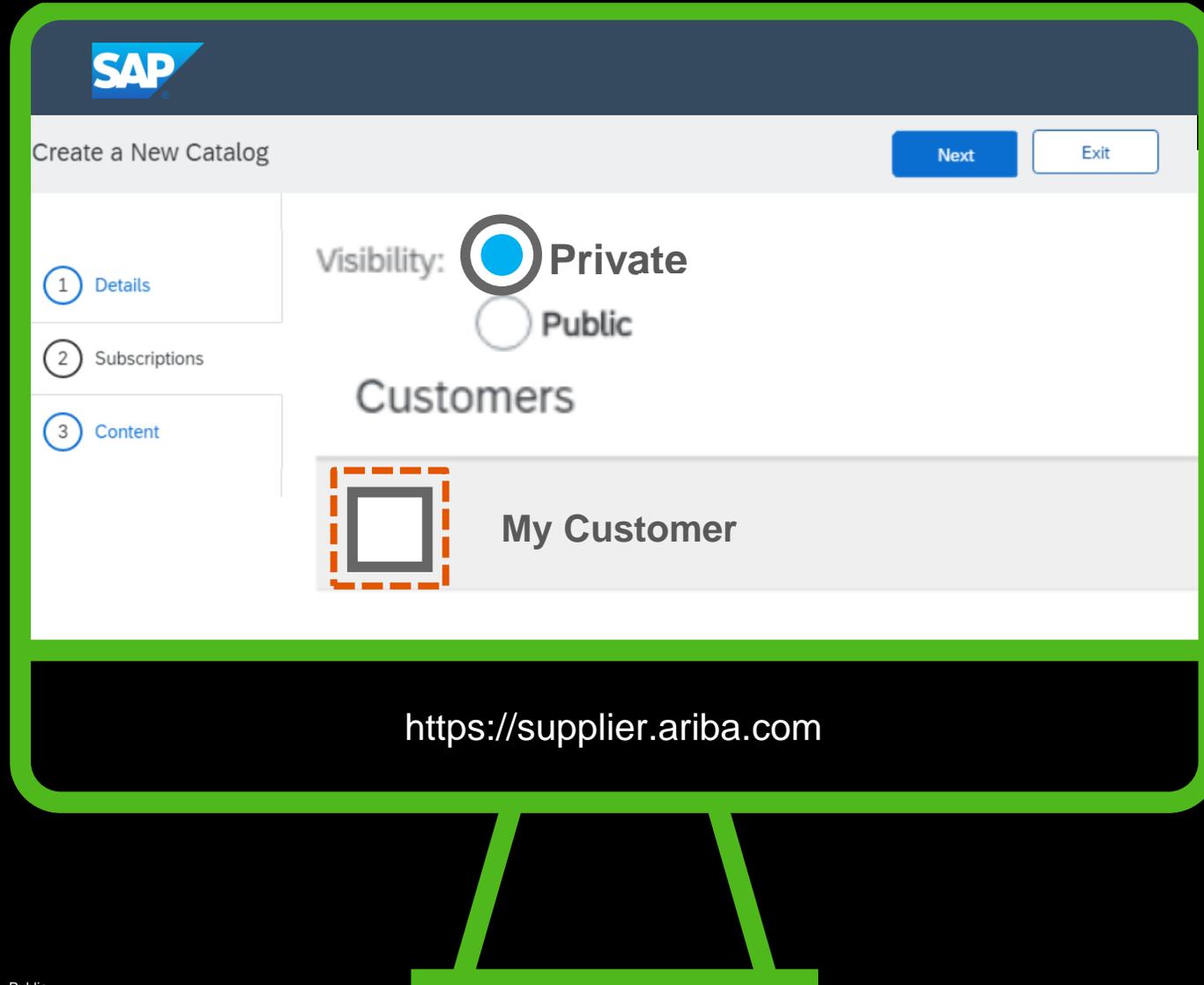
Index



Refresh

5

Ensure that 'Private' is selected (default) and **select My Customer** from available list of customers linked to your account



Next



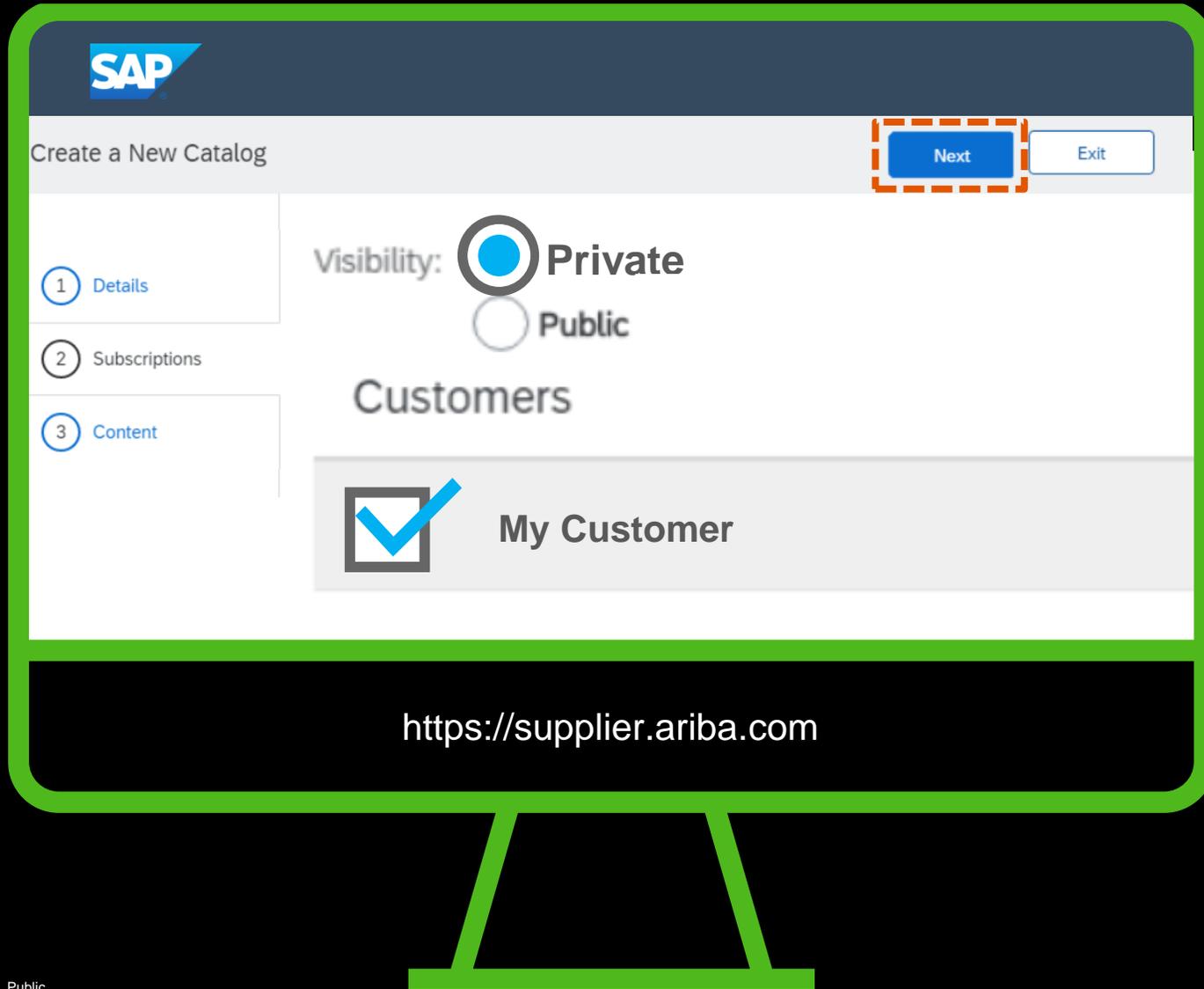
Index



Refresh

6

Click **Next**



Index Format



Index



Refresh

7

Click on the **Black Arrow Symbol**



and select the Index File's format (in this case **XLSX**)

SAP

Create a New Catalog Exit

UPLOAD YOUR CATALOG AND ATTACHMENT FILES catal

1 Details

2 Subscriptions

3 Content

Catalog File Format: 

Catalog File: No file chosen

Images and Attachments File: No file chosen

<https://supplier.ariba.com>

Index Format



Index



Refresh

7

Click on the **Black Arrow Symbol**



and select the Index File's format (in this case **XLSX**)

SAP

Create a New Catalog Exit

1 Details

2 Subscriptions

3 Content

UPLOAD YOUR CATALOG AND ATTACHMENT FILES

Catalog File Format: CIF

Catalog File: CIF

Images and Attachments File: BMECAT

EXCEL

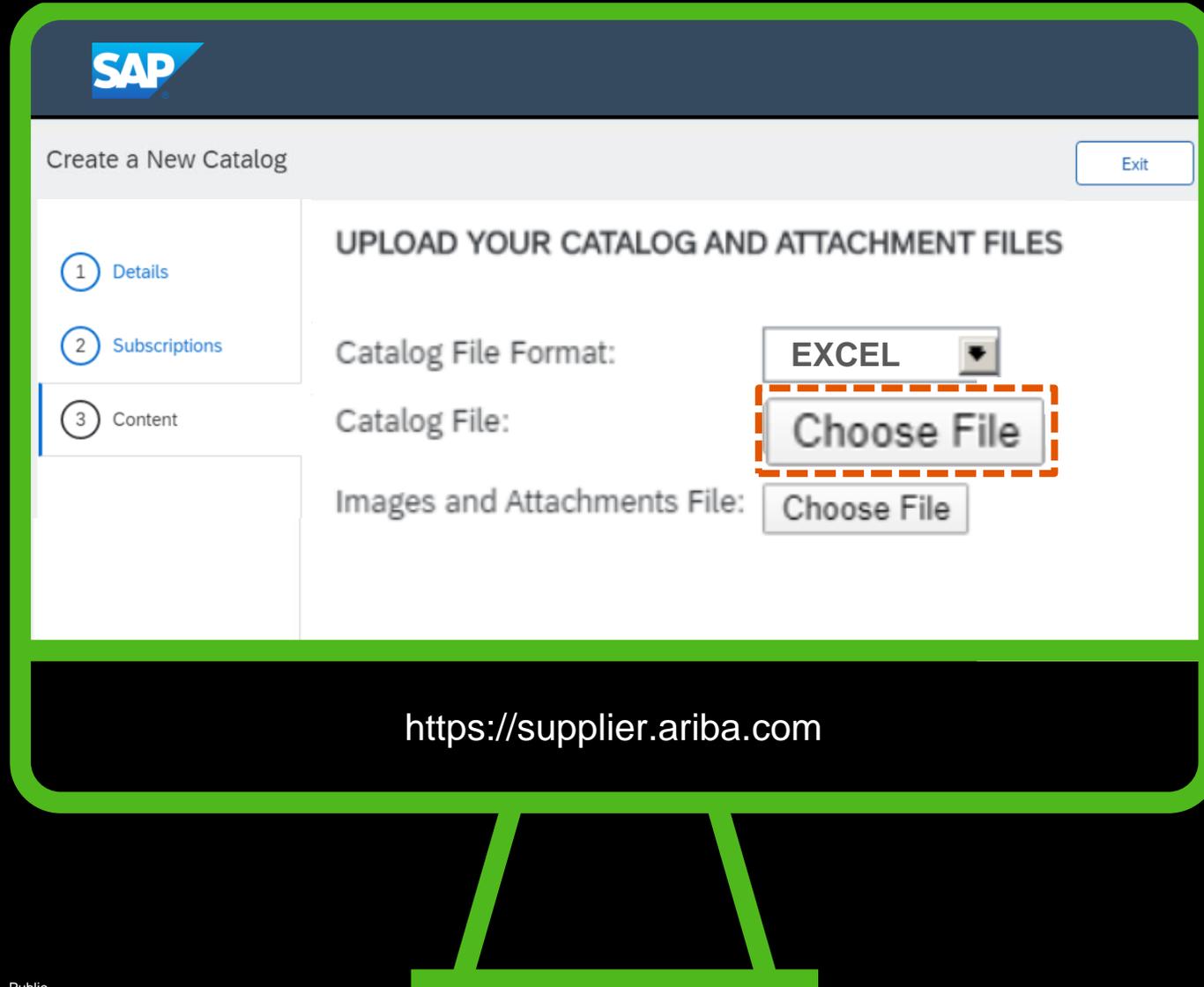
<https://supplier.ariba.com>

Index File



8

Click on **Choose File** to upload the Index File from your local PC



SAP

Create a New Catalog Exit

1 Details

2 Subscriptions

3 Content

UPLOAD YOUR CATALOG AND ATTACHMENT FILES

Catalog File Format: EXCEL

Catalog File: **Choose File**

Images and Attachments File: Choose File

<https://supplier.ariba.com>

Index file Select



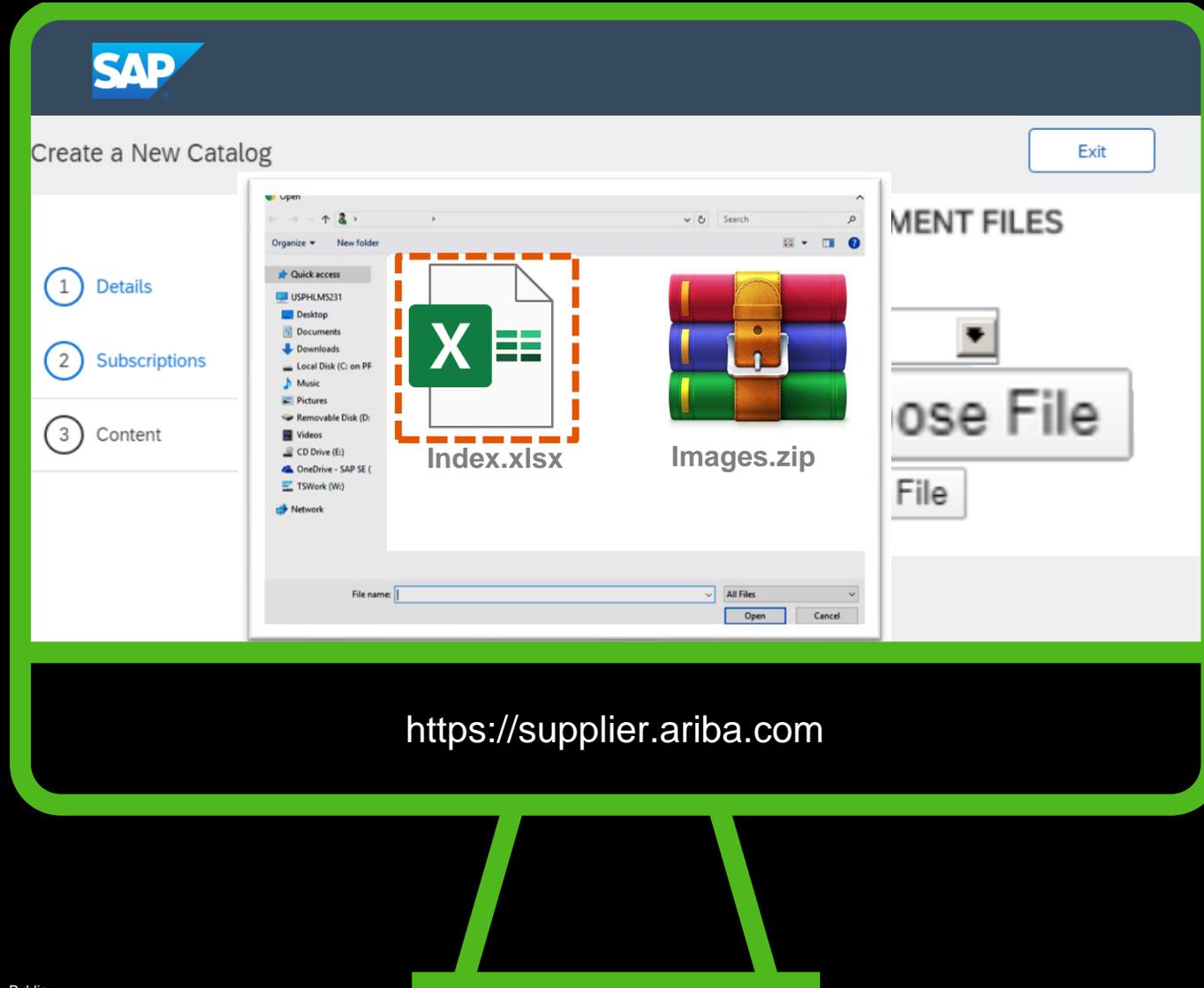
Index



Refresh

9

Select the **Index File** from Your Local PC

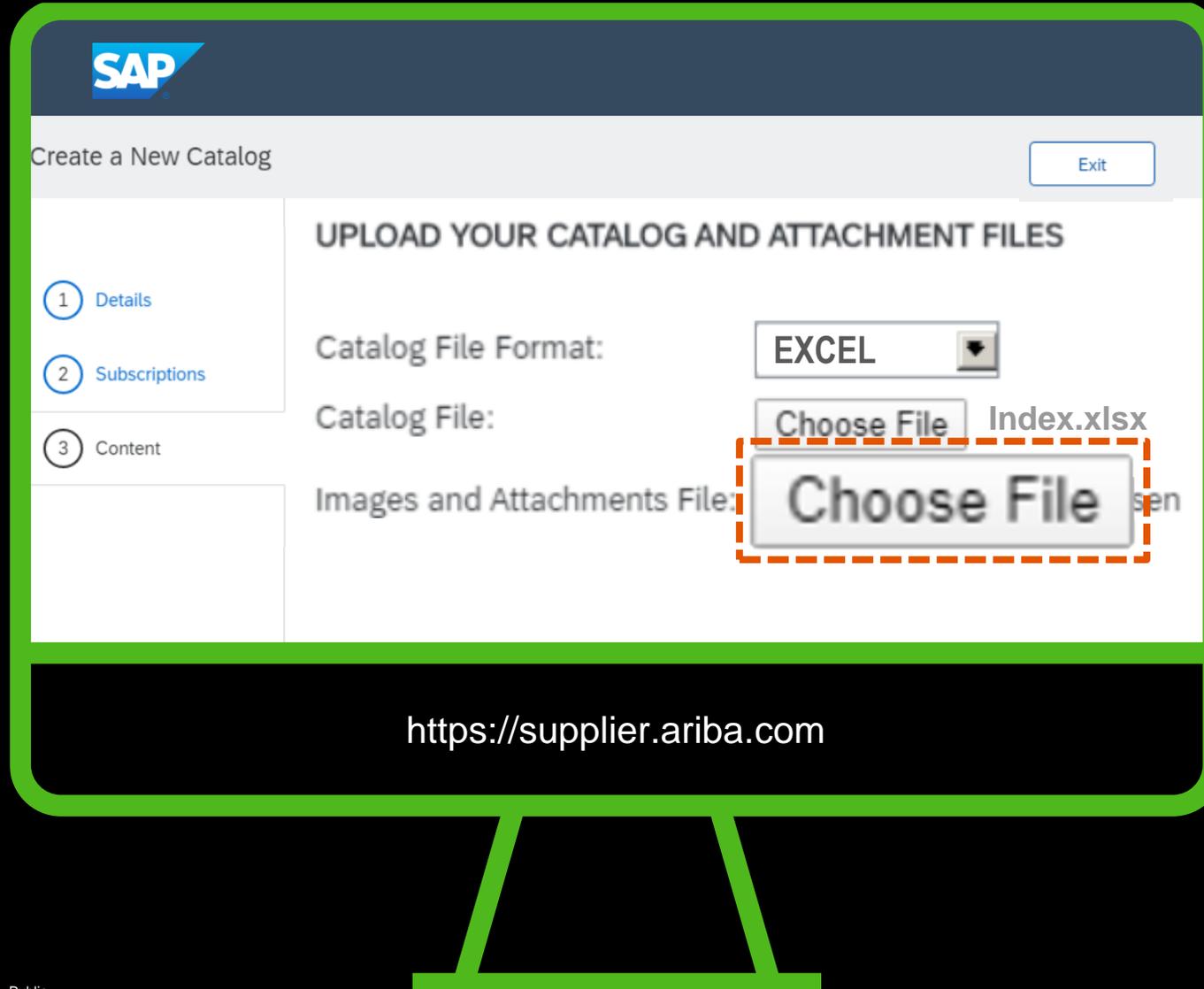


Images



10

Click on **Choose File** to upload the images/attachment from your local PC

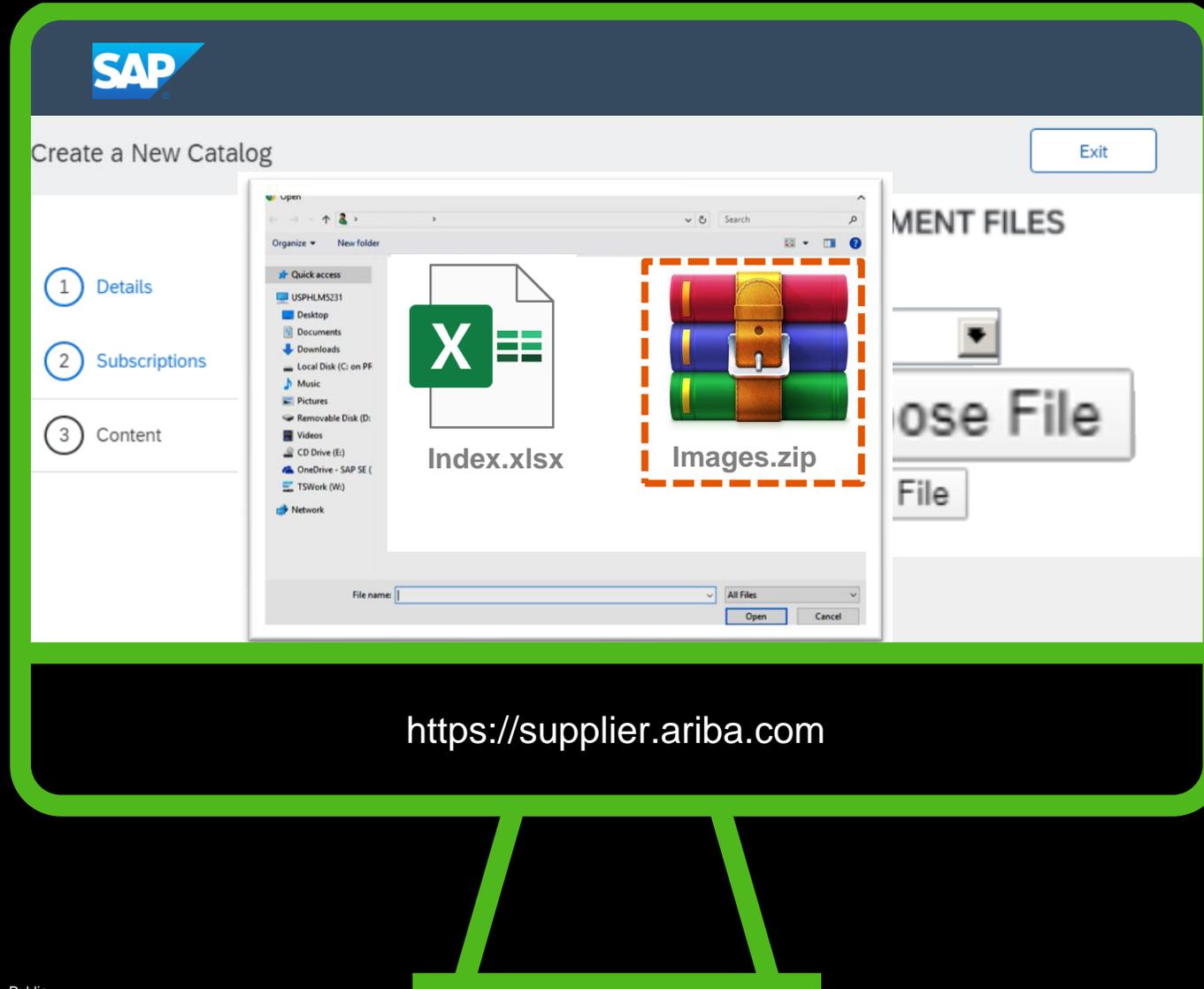


Images Select



11

Select the **Images Zip File** from Your Local PC

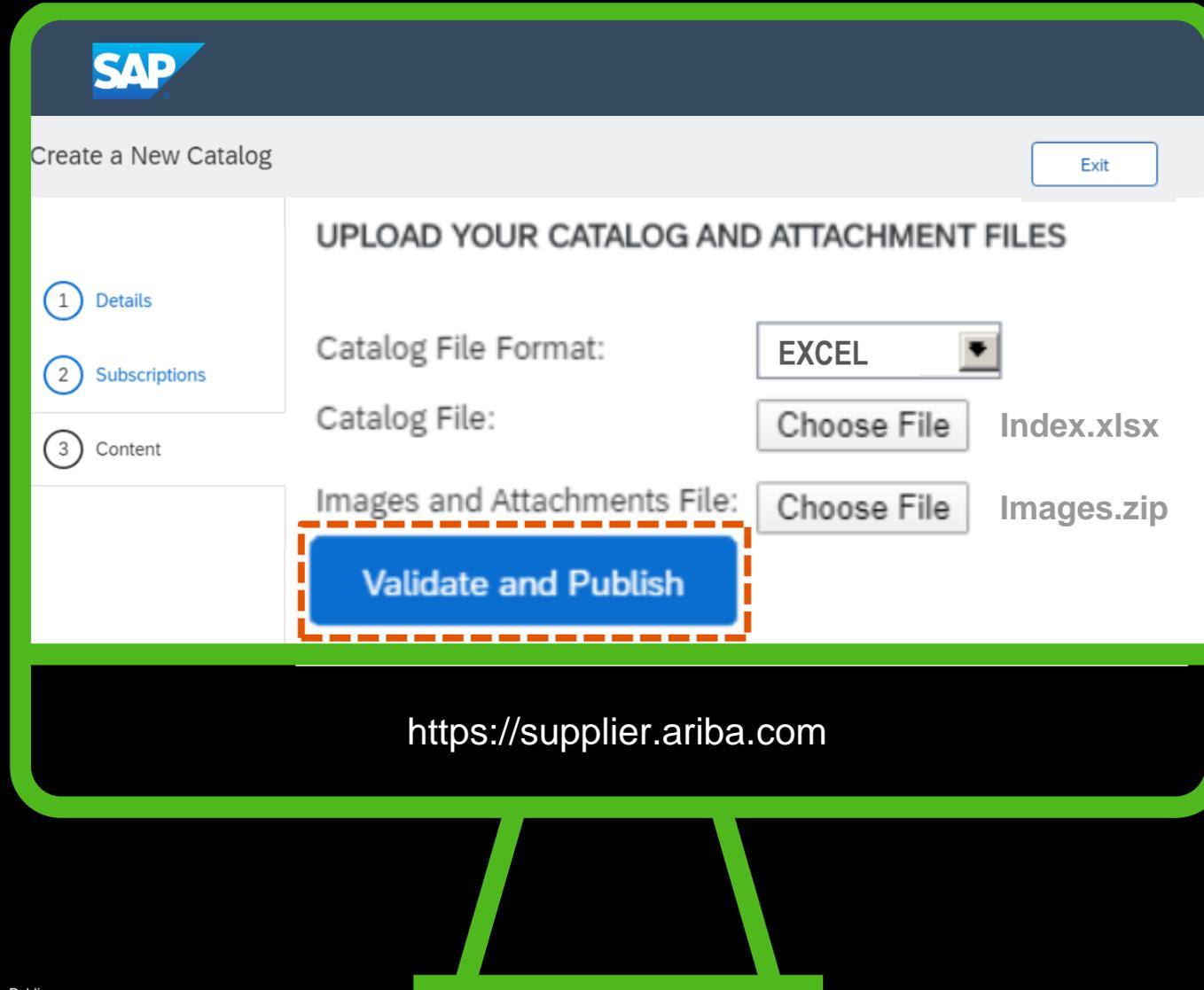


Validate and Publish



12

Click on **Validate and Publish** and you will be sent to the **PURCHASING DEMO**



SAP

Create a New Catalog Exit

1 Details

2 Subscriptions

3 Content

UPLOAD YOUR CATALOG AND ATTACHMENT FILES

Catalog File Format: EXCEL

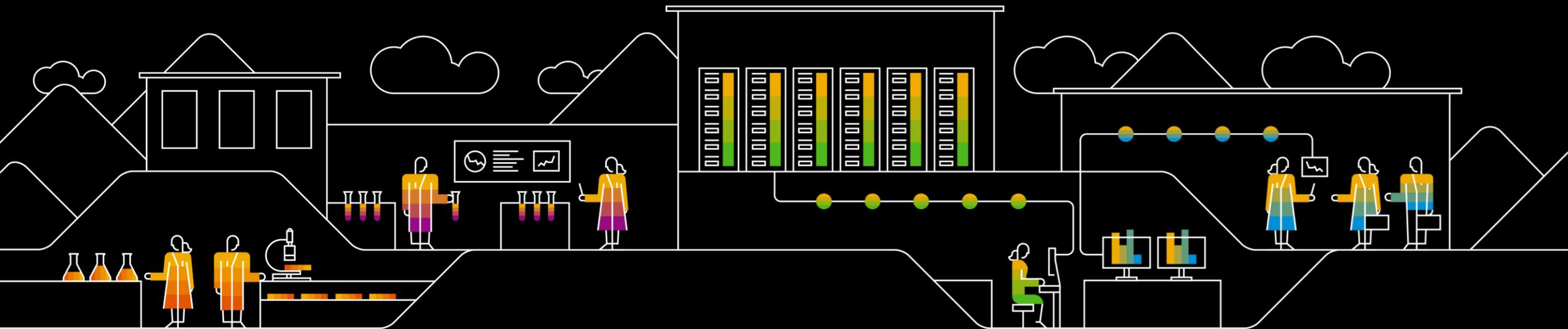
Catalog File: Choose File Index.xlsx

Images and Attachments File: Choose File Images.zip

Validate and Publish

<https://supplier.ariba.com>

Annex



POSReq PunchOut Setup Request



```
<!DOCTYPE cXML SYSTEM
"http://xml.cxml.org/schemas/cXML/1.2.048/cXML.dtd">
```

Document type and version of cXML.

```
<cXML payloadID="958075346970@www.bigbuyer.com"
timestamp="2020-06-09T07:23:19-07:00">
```

Payloadid - is an identifier of the sent document.

```
<Header>
<From>
<Credential domain="NetworkID">
<Identity>AN1111111111</Identity>
</Credential>
</From>
```

FROM Credential Identifies the Originator of the POSReq. Always shows the **Buyer's ANID**

```
<To>
<Credential domain="NetworkID">
<Identity>AN2222222222</Identity>
</Credential>
</To>
<To>
<Credential domain="buyersystemid">
<Identity>22222222</Identity>
</Credential>
</To>
```

TO Credential Identifies the Destination of the POSReq. Contains all **Supplier's Domain + IDs**, taken from the **Buyer's Supplier Master Data**

```
<Sender>
<Credential domain="AribaNetworkUserId">
<Identity>sysadmin@ariba.com</Identity>
<SharedSecret>abracadabra</SharedSecret>
</Credential>
<UserAgent>Ariba Buyer 8.2</UserAgent>
</Sender>
</Header>
```

SENDER credential specifies the identity and shared secret (you will receive the **Shared Secret set up on you're an Account**).

```
<Request>
<PunchOutSetupRequest operation="create">
<BuyerCookie>1J3YVWU9QWMTB</BuyerCookie>
<Extrinsic name="CostCenter">610</Extrinsic>
<Extrinsic name="User">jsmith</Extrinsic>
<BrowserFormPost>
<URL>http://bigbuyer.com:3377/punchout</URL>
</BrowserFormPost>
<SupplierSetup>
<URL>https://Estlega Ltd.com/PunchOutServlet</URL>
</SupplierSetup>
<ShipTo>
<Address addressID="001">
<Name xml:lang="en">BigBuyer Headquarters</Name>
<PostalAddress>
<DeliverTo>John Smith</DeliverTo>
<Street>1565 Pine, MS A.2</Street>
<City>New York</City>
<State>NY</State>
<PostalCode>01043</PostalCode>
<Country isoCountryCode="US">United States</Country>
</PostalAddress>
</Address>
</ShipTo>
<Contact><Name>jsmith</Name>
</Contact>
<SelectedItem>
<ItemID>
<SupplierPartID>PunchOut_000</SupplierPartID>
</ItemID>
</SelectedItem>
</PunchOutSetupRequest>
</Request>
</cXML>
```

Data that is taken from the **Buyer's User Master Data**

The Supplier URL, taken from the **Supplier's Index File's 'SUPPLIER URL' field**

Data that is taken from the **Buyer's User Master Data**

The Supplier URL, taken from the **Supplier's Index File's 'SUPPLIER PART ID' field**



POSResp PunchOut Setup Response

```
<cXML payloadID="958075346970@www.bigbuyer.com" timestamp="2020-06-09T07:23:19-07:00">
```

Payloadid - is an identifier of the sent document.

```
<Response>  
<Status code="200" text="success">  
<PunchOutSetupResponse>  
<StartPage>  
<URL>https://Estlega Ltd.com/PunchOutServlet/sessionid=7006</URL>  
</StartPage>  
</PunchOutSetupResponse>  
</Response>  
</cXML>
```

Web-shop server shall send this message to Ariba server.

When connectivity works this message does not appear in Ariba log files.

POOM PunchOut Order Message

```
<!DOCTYPE cXML SYSTEM
"http://xml.cxm1.org/schemas/cXML/1.2.048/cXML.dtd">
```

Document type and version of cXML.

```
<cXML payloadID="958074737352&www.Estlega Ltd.com"
timestamp="2020-06-09T07:23:19-07:00">
```

Payloadid - is an identifier of the sent document.

```
<Header>
<From>
<Credential domain="NetworkID">
<Identity>AN2222222222</Identity>
</Credential>
</From>
<From>
<Credential domain="buyersystemid">
<Identity>22222222</Identity>
</Credential>
</From>
```

FROM Credential identifies the originator of the POOM using the **Supplier's** Domain(s) and ID(s).

```
<To>
<Credential domain="NetworkID">
<Identity>AN1111111111</Identity>
</Credential>
</To>
```

TO Credential identifies the destination of the POOM using the **Buyer's** Domain and ID.

```
<Sender>
<Credential domain="www.Estlega Ltd.com">
<Identity>PunchoutResponse</Identity>
<SharedSecret>abracadabra</SharedSecret>
</Credential>
<UserAgent>Our PunchOut Site V4.2</UserAgent>
</Sender>
</Header>
```

SENDER Credential specifies the identity and shared secret of the Supplier.

```
<Message>
<PunchOutOrderMessage>
<BuyerCookie>1J3YVWU9QWMTB</BuyerCookie>
<PunchOutOrderMessageHeader operationAllowed="edit">
<Total>
<Money currency="USD">999.98</Money>
</Total>
</PunchOutOrderMessageHeader>
<ItemIn quantity="2">
<ItemID>
<SupplierPartID>laptop_1</SupplierPartID>
<SupplierPartAuxiliaryID>white</SupplierPartAuxiliaryID>
</ItemID>
<ItemDetail>
<UnitPrice>
<Money currency="USD">499.99</Money>
</UnitPrice>
<Description xml:lang="en">SuperBook ABC Laptop</Description>
<UnitOfMeasure>EA</UnitOfMeasure>
<Classification domain="UNSPSC">43211503 </Classification>
<ManufacturerPartID>Manufacturer_ID_1</ManufacturerPartID>
<ManufacturerName>Tricolore</ManufacturerName>
<LeadTime>8</LeadTime>
<Extrinsic name="cust1_contract_number">88845611</Extrinsic>
<Extrinsic name="cust2_contract_item_number">55565</Extrinsic>
<Extrinsic name="cust3_automatic_po">TRUE</Extrinsic>
</ItemDetail>
</ItemIn>
</PunchOutOrderMessage>
</Message>
</cXML>
```

POOM contains and transfers the Information of the Items added to the Cart in the Web-shop to **SAP Ariba Application**.

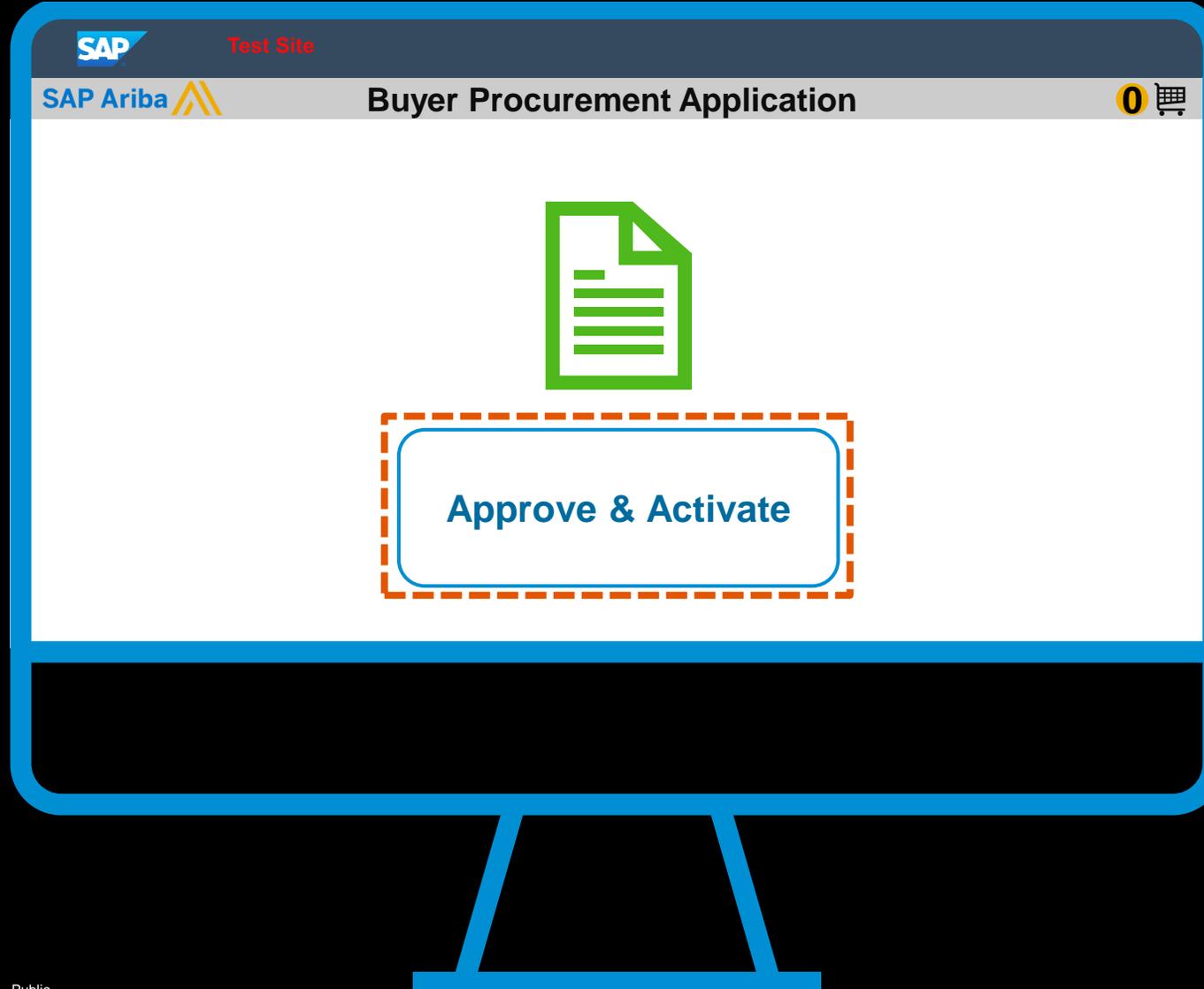
Some Projects might require **Customized Extrinsic** by your **Buyer**, In this case the Extrinsic will Appear in this Section of the POOM.

Purchasing Simulation

Here, you can see how a **Buyer's** user purchases from your PunchOut via the Ariba Application.

1

Click on **Approve and Activate** the Index File



Index File Uploaded by Supplier

(you can see how to do the upload by click on **Index** (top-right) and clicking the **Index File Upload** section)

Buyer's UI - Search

Now the Index File content is visible in **Buyer's UI** and a notification sent to the **Supplier**

2

Click on **Buy from Supplier**

The screenshot shows the SAP Ariba Buyer Procurement Application interface. At the top, there is a header with the SAP logo, 'Test Site', 'SAP Ariba', and 'Buyer Procurement Application'. Below the header, there are two search results:

- Supplier's WEB-SHOP (level 1)**: Supplier: Estlega Ltd. A blue button labeled 'Buy from Supplier' is highlighted with a dashed orange border.
- Superbook ABC Laptop (level 2)**: Supplier: Estlega Ltd. Supplier Part #: laptop_1. Available in : 8 Day(s). Price: \$499.99 USD * / each. A blue button labeled 'Buy from Supplier' is highlighted with a dashed orange border.

Each result includes a placeholder icon for a logo or product image. A dashed arrow points from the 'Buy from Supplier' button of the first result to a smaller monitor icon representing a notification sent to the supplier.



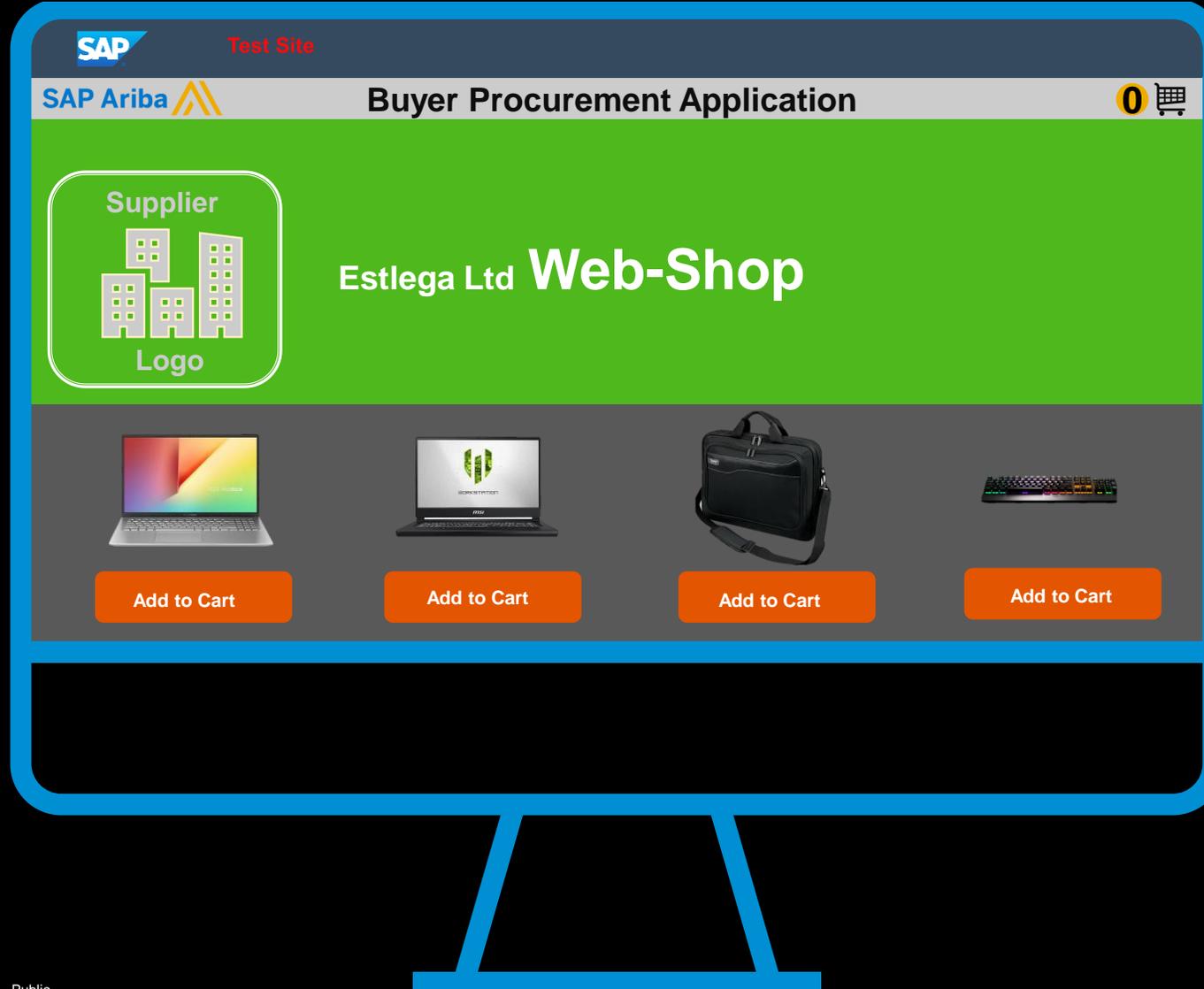
Notification sent to Supplier stating the index file is Active

WEBSHOP L1 - Store Level

You selected the PunchOut Level 1 (store level). The landing page of **the Supplier's web-shop** is now displayed in **the Buyer's UI**

3

Click on **Add to Cart**



POReq.



Supplier web-shop receives and sends back cXML Messages

POResp.



WEBSHOP L2 - Product Level

You selected the PunchOut Level 2 (product level). The Buyer is sent directly to the item on the **Supplier's web-shop**

3

Click on **Add to Cart**

The screenshot shows the SAP Ariba Buyer Procurement Application interface. At the top, it says 'SAP Ariba' and 'Buyer Procurement Application'. Below that, there's a 'Supplier' section with a logo icon and the text 'Estlega Ltd Web-Shop'. The product details listed are: Processor=123-X, RAM= 8 G, Dimensions=19x10x0.5, Min. Qty=2, Delivery=8 Days, and Price=499.99 USD / each. There is an 'Add to Cart' button. The background of the product area is green and features images of several laptops.

POReq.



Supplier web-shop receives and sends back cXML Messages

POResp.

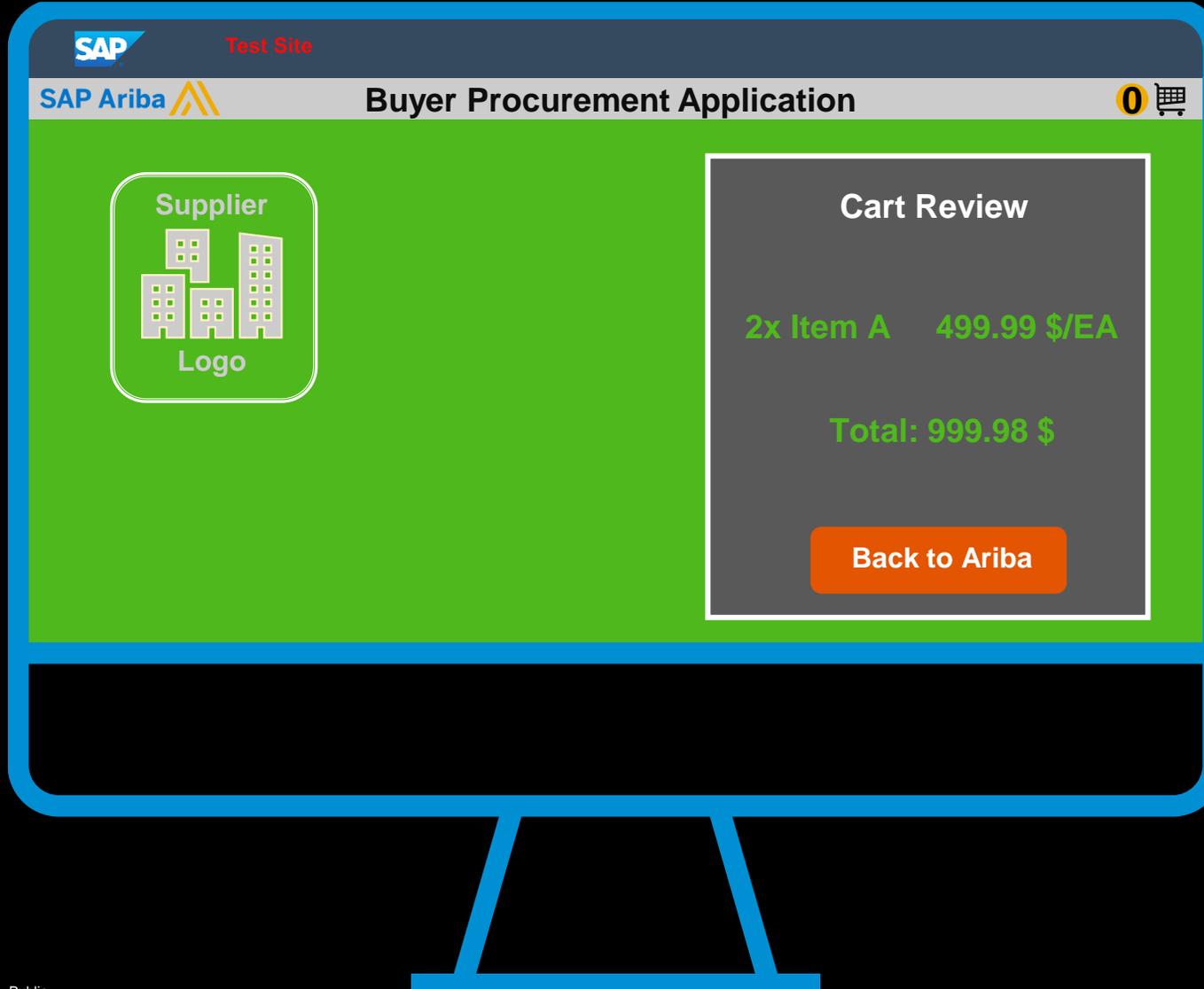


Webshop Basket

You can now review your **Basket** on the **Supplier's Webshop** and send the Basket back to the **Buyer's Ariba Procurement Application**

4

Click on **Back to Ariba**



Index



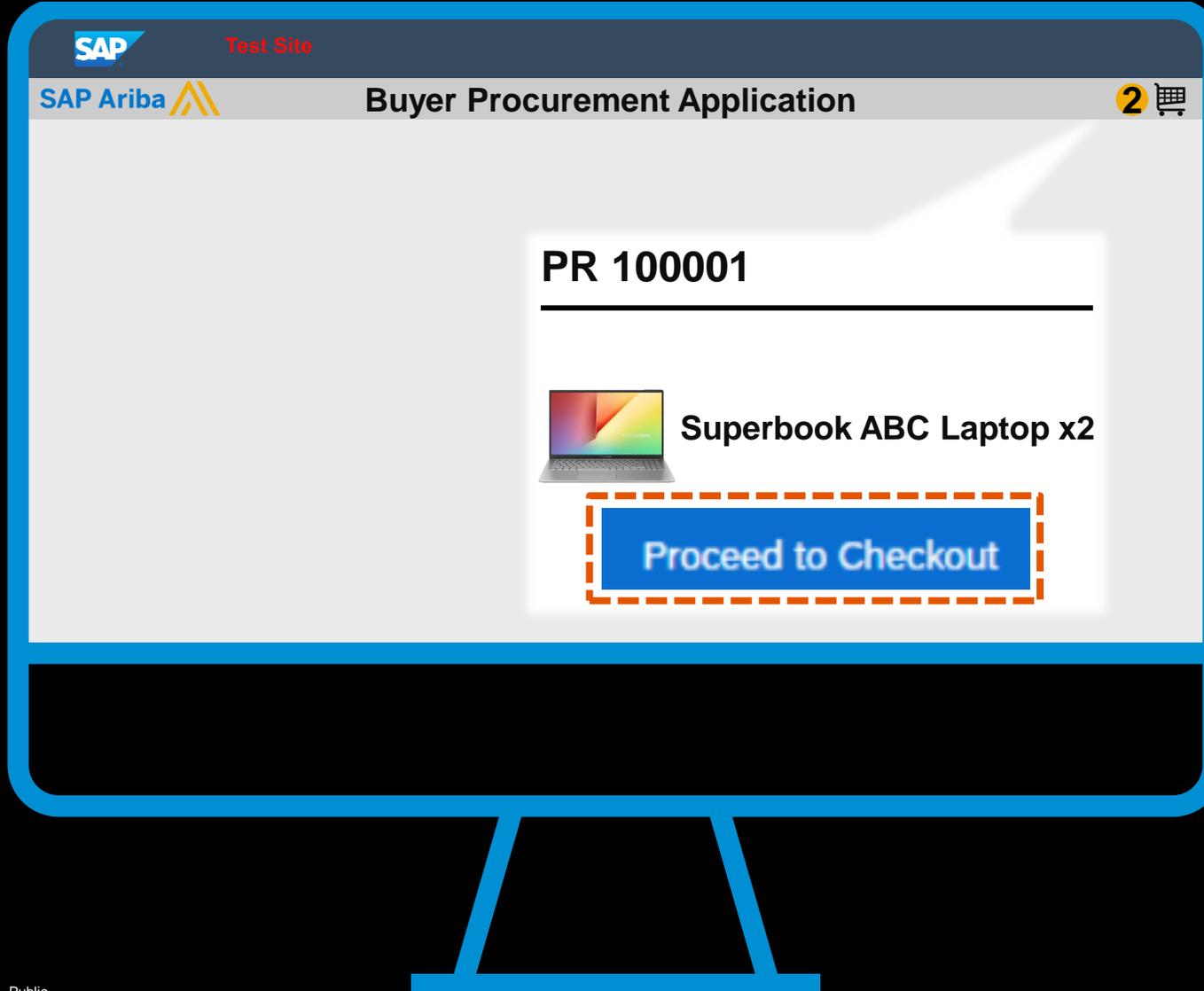
Refresh

Checkout

We can now see the items we selected in the **Basket** of the **Buyer's Ariba Procurement Application**. Let's proceed to the Checkout

5

Click on **Proceed to Checkout**



Supplier web-shop sends back a cXML Message

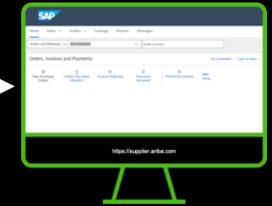
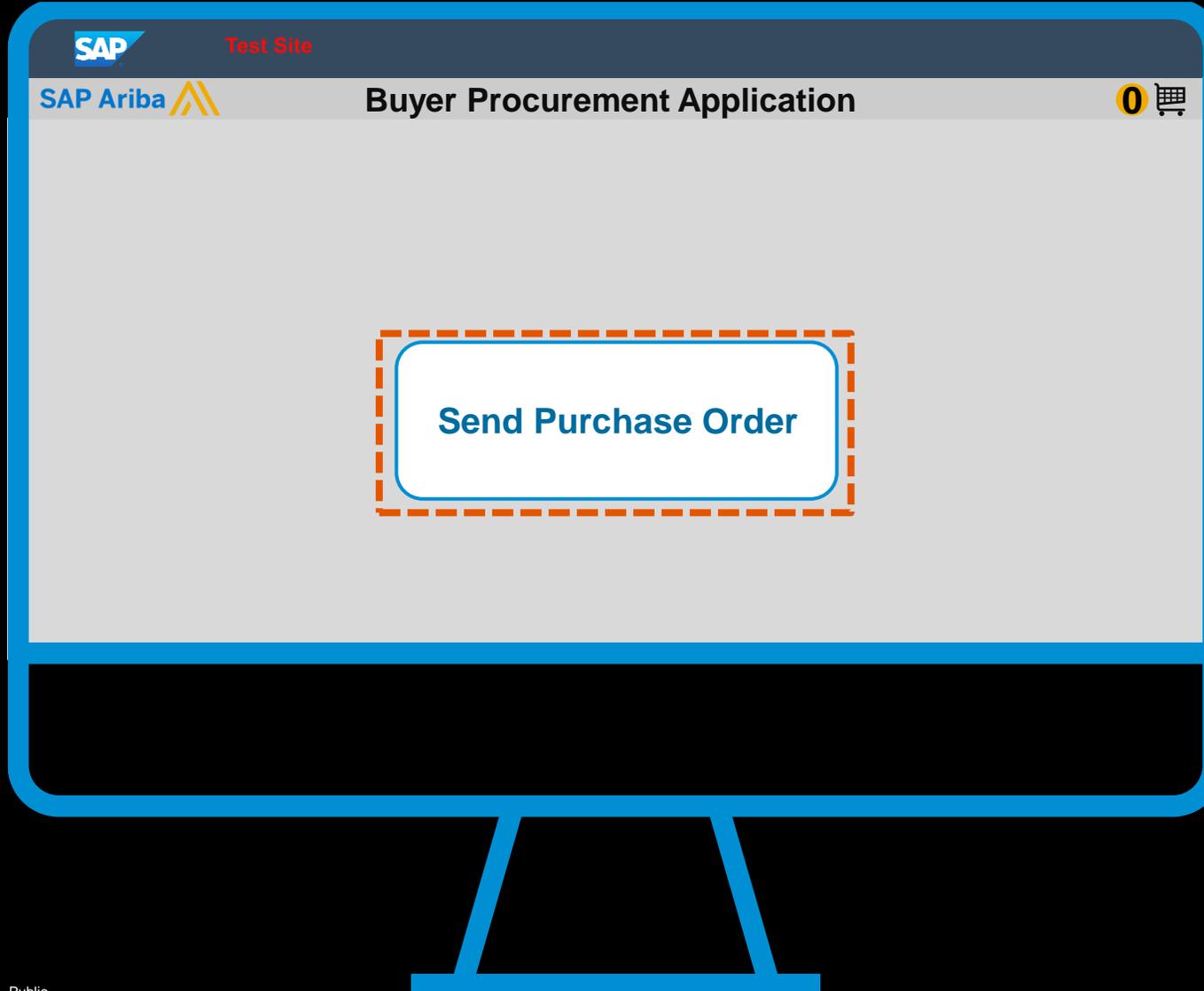


Purchase Order

Now, all that the **Buyer** needs to do is send out the Purchase Order

6

Click on **Send Purchase Order**



Index



Refresh

Demo Complete!

Now that you have completed the **PURCHASING DEMO**, select one of the following options:

- 1 Restart Purchasing Demo**
- 2 Start Index File Upload Demo**
- 3 Review the cXML Message Flow**

RUN SIMPLE