

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

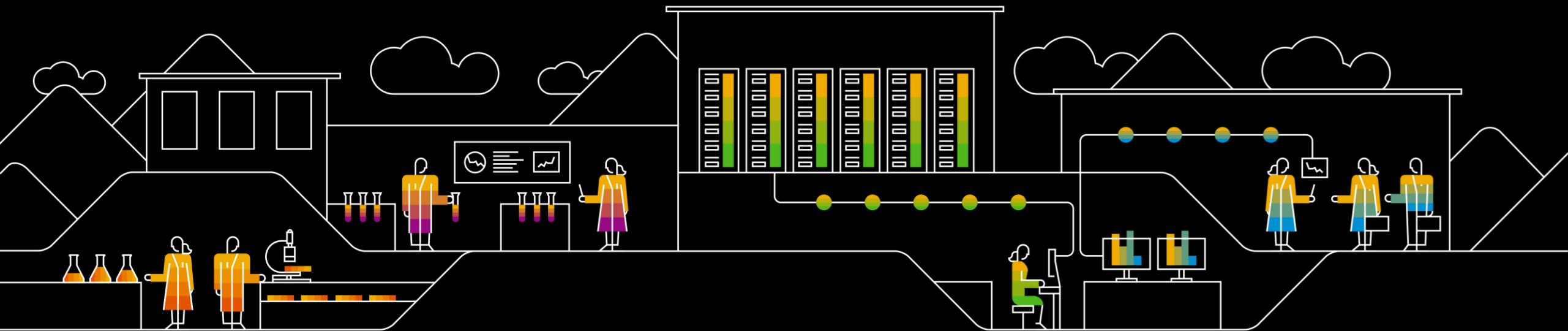
- How does a Buyer purchase from PunchOut ?

### 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

# 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.

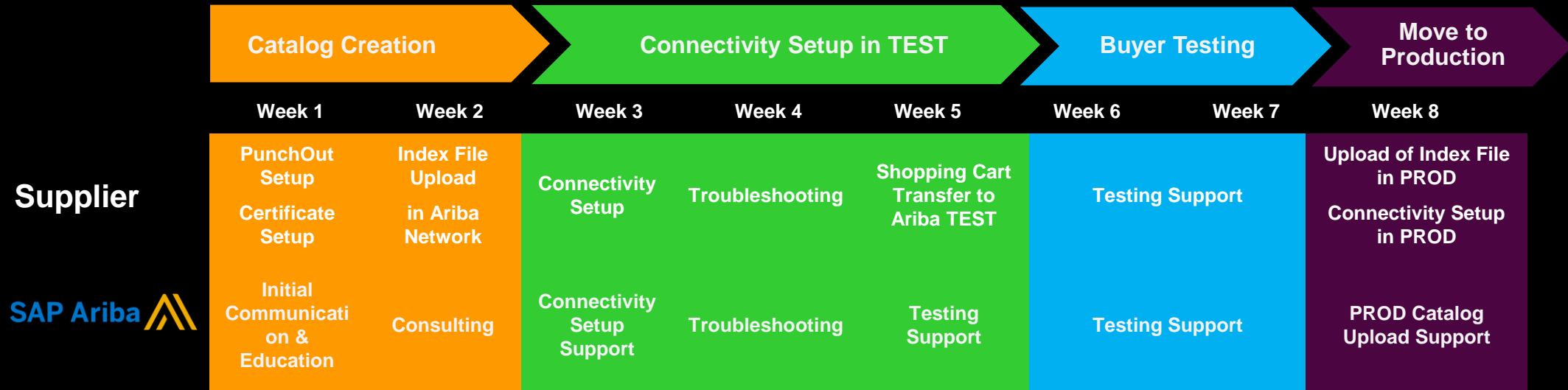
## Commodity Codes Required for Items

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

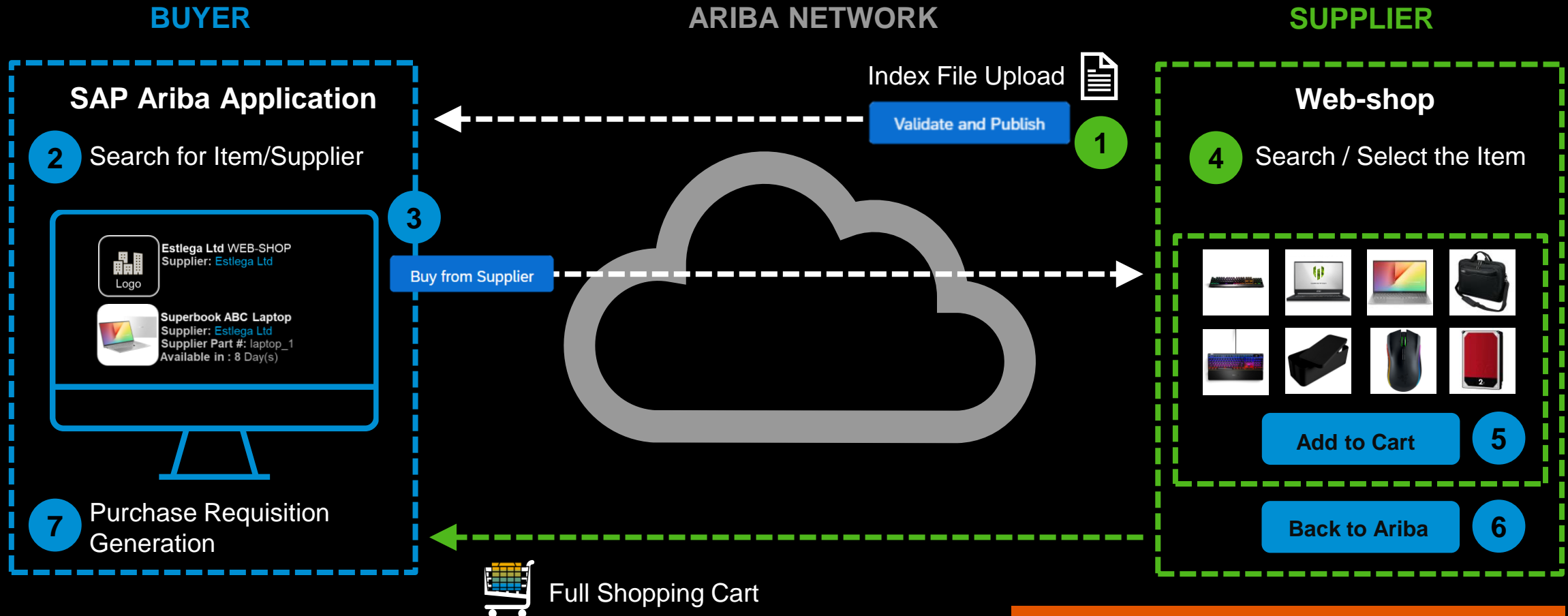


# System Architecture





# Process Architecture: Functional and Purchase Operations

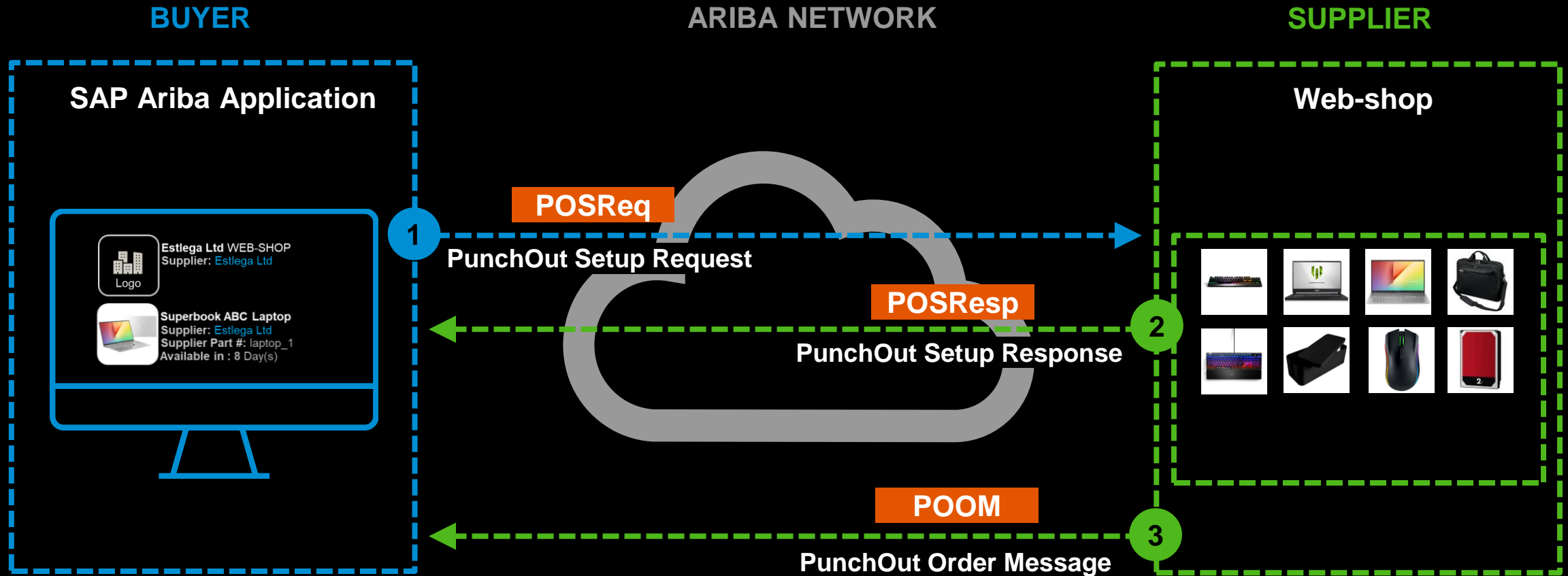


[Click here for AN Configuration Simulation](#)

[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](#)

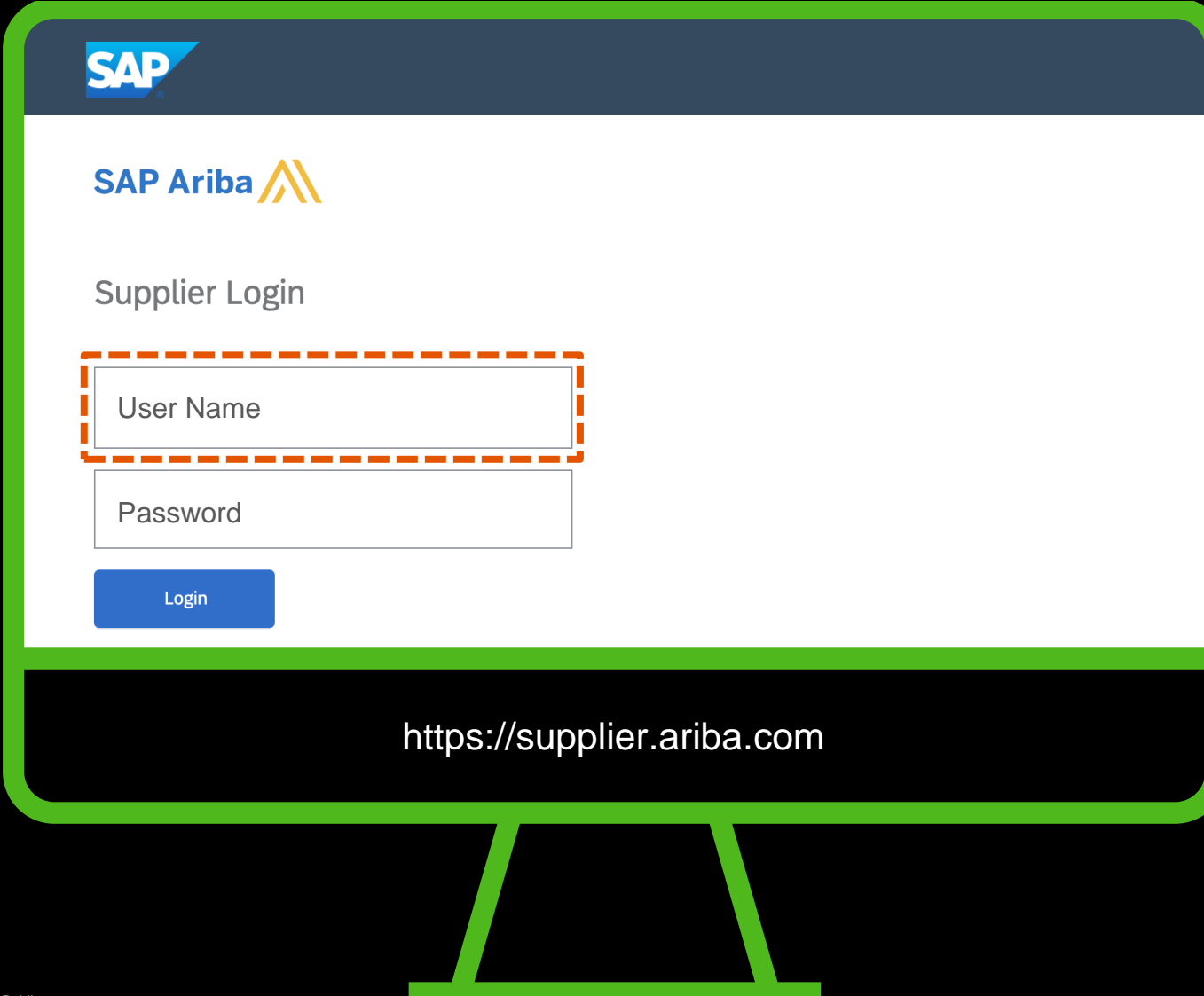
# SAP Business Network Account Configuration



# Ariba Supplier Portal

1

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



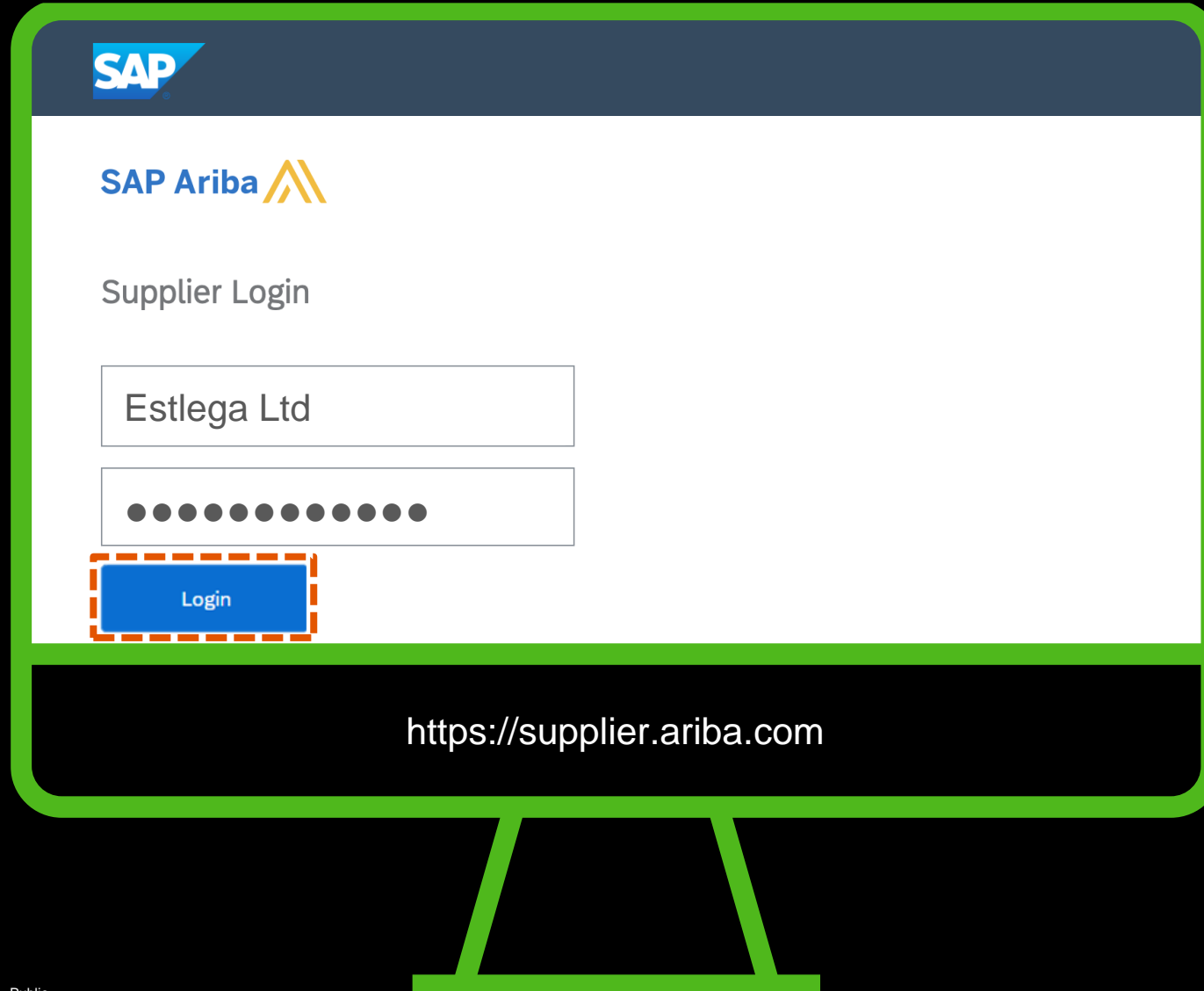
The screenshot shows the SAP Ariba Supplier Login interface. At the top is the SAP logo. Below it is the SAP Ariba logo. The main heading is "Supplier Login". There are two input fields: "User Name" and "Password". The "User Name" field is highlighted with a dashed orange border. Below the input fields is a blue "Login" button. The URL "https://supplier.ariba.com" is displayed at the bottom of the page. An orange arrow points to the right side of the monitor frame.

# Log in



2

Click on **Login**



SAP

SAP Ariba

Supplier Login

Estlega Ltd

.....

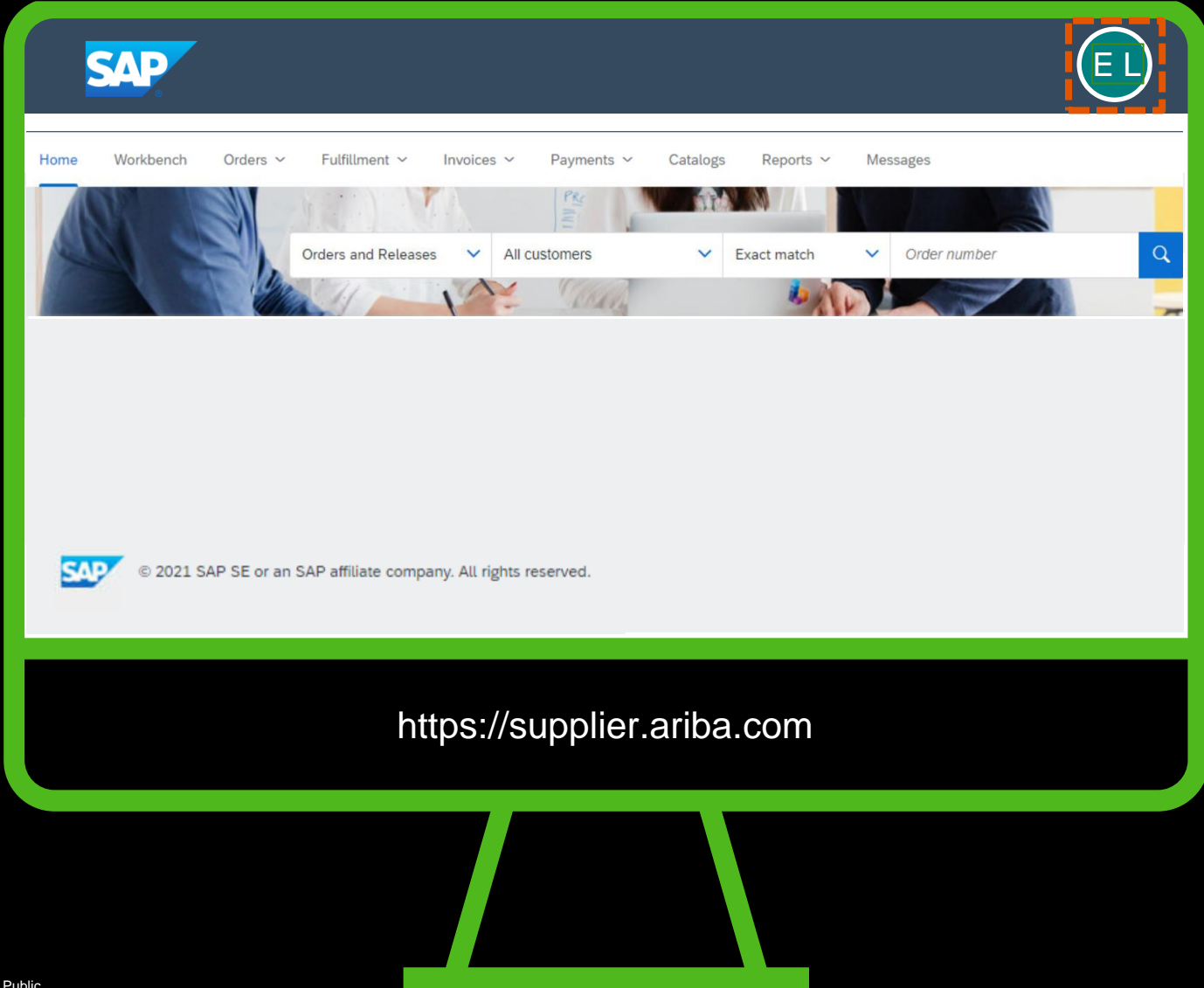
Login

<https://supplier.ariba.com>

# Landing SBN Page



3  
On Top Left of the  
screen Click on  
**Account Setting  
Icon**



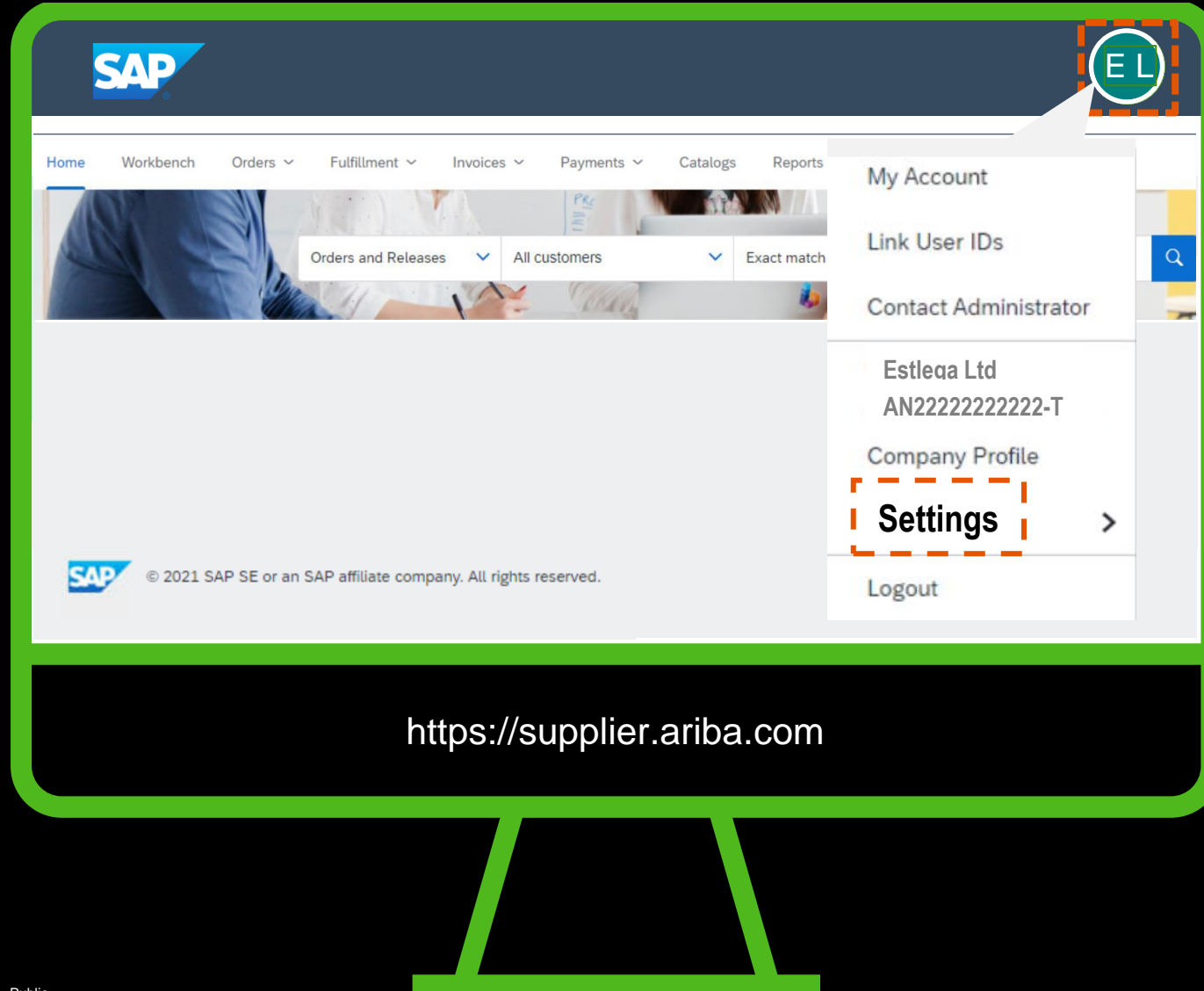
# Settings



Refresh

4

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



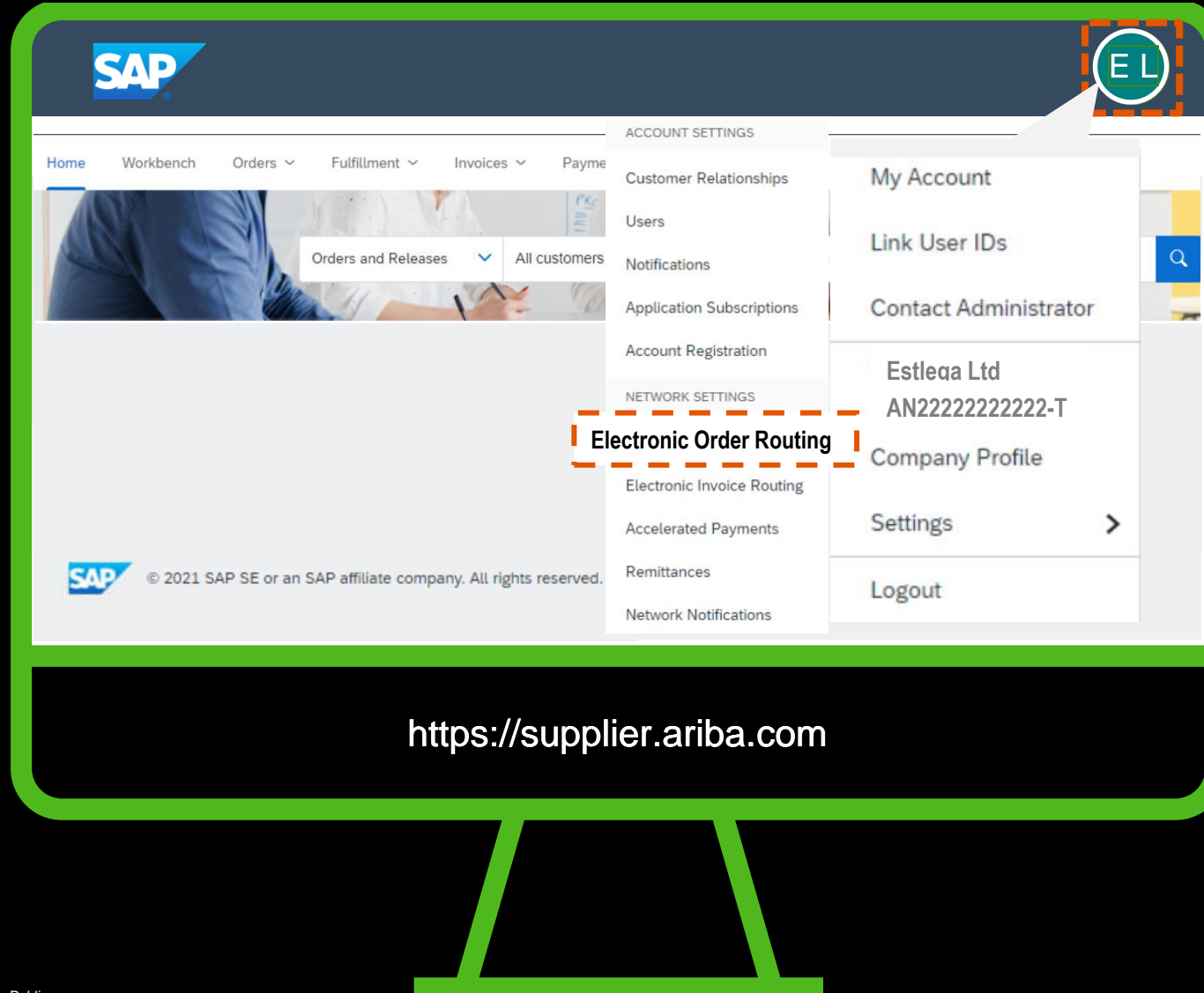
# Settings



Refresh

5

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





# 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

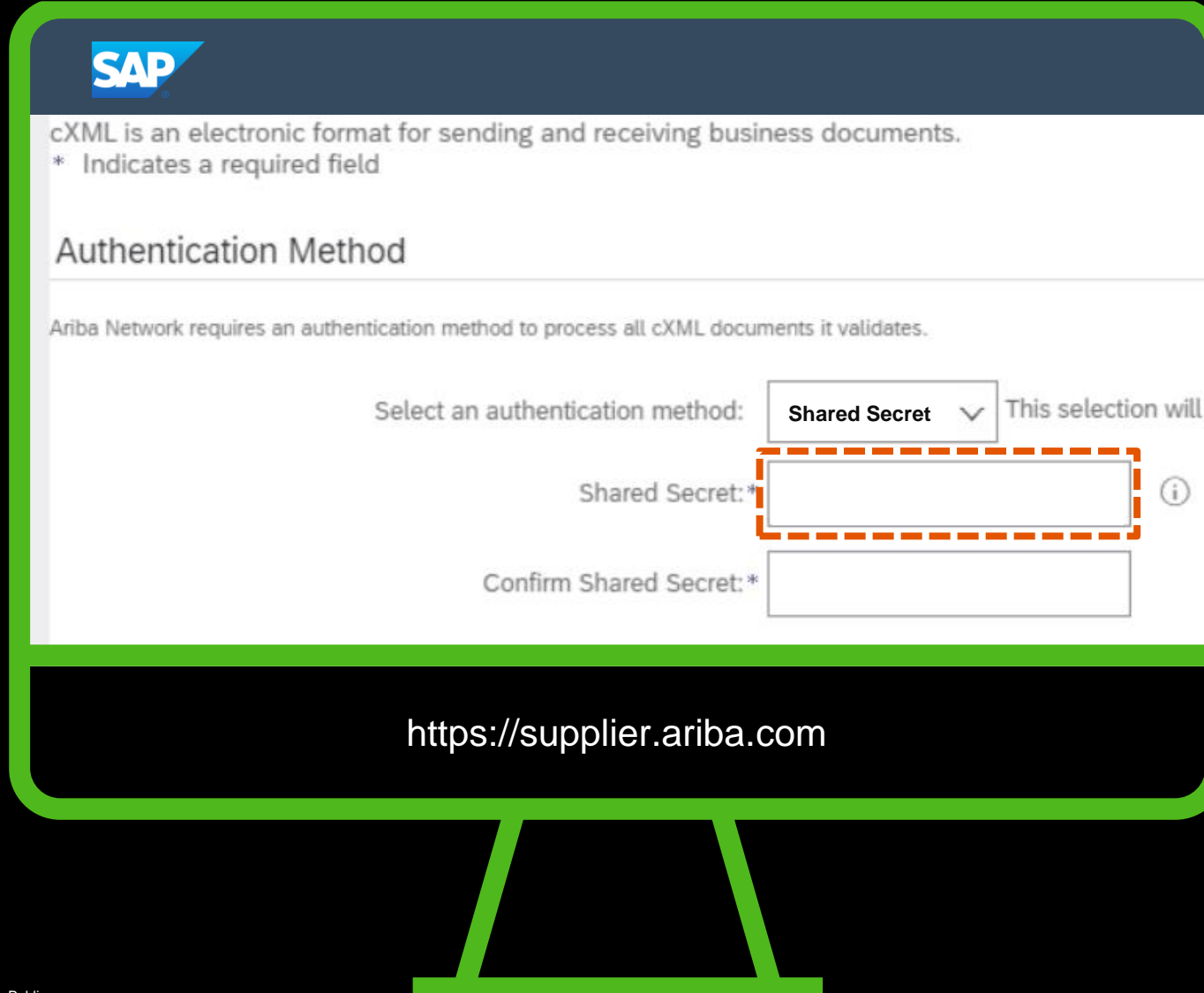
<https://supplier.ariba.com>

# Authentication

7

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

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

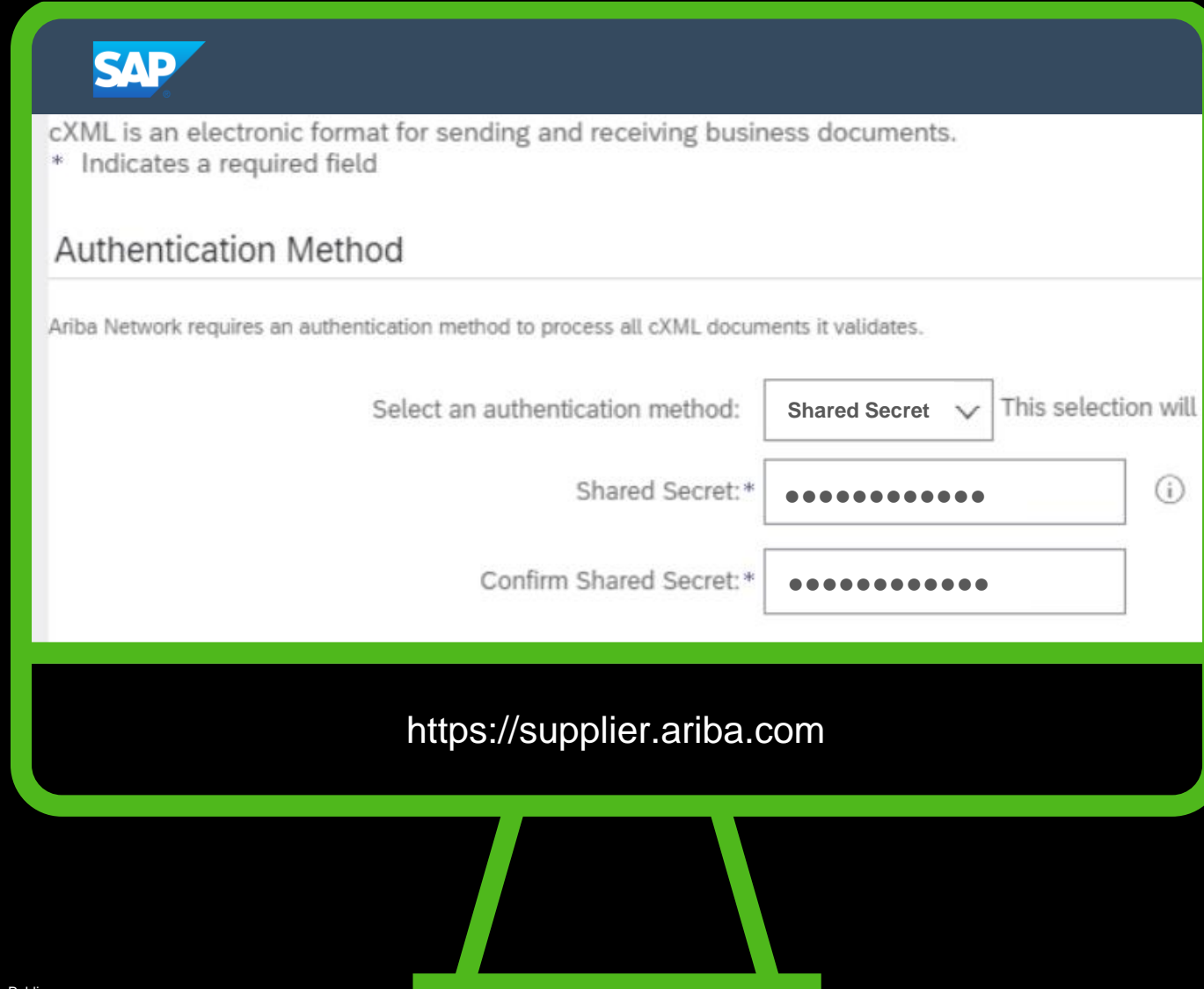


The screenshot shows the SAP Ariba Network configuration interface for authentication. At the top is the SAP logo. Below it, a text box explains that cXML is an electronic format for sending and receiving business documents, with an asterisk indicating required fields. The main section is titled 'Authentication Method'. A note states that Ariba Network requires an authentication method to process all cXML documents. The configuration options are: 'Select an authentication method:' with a dropdown menu currently set to 'Shared Secret', and a note 'This selection will'. Below this are two input fields: 'Shared Secret: \*' and 'Confirm Shared Secret: \*'. The 'Shared Secret' field is highlighted with a dashed orange border, and an orange arrow points to it from the right. An information icon (i) is located to the right of the 'Shared Secret' field. At the bottom of the screen, the URL 'https://supplier.ariba.com' is displayed.

# Shared Secret

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: \*  ⓘ

Confirm Shared Secret: \*

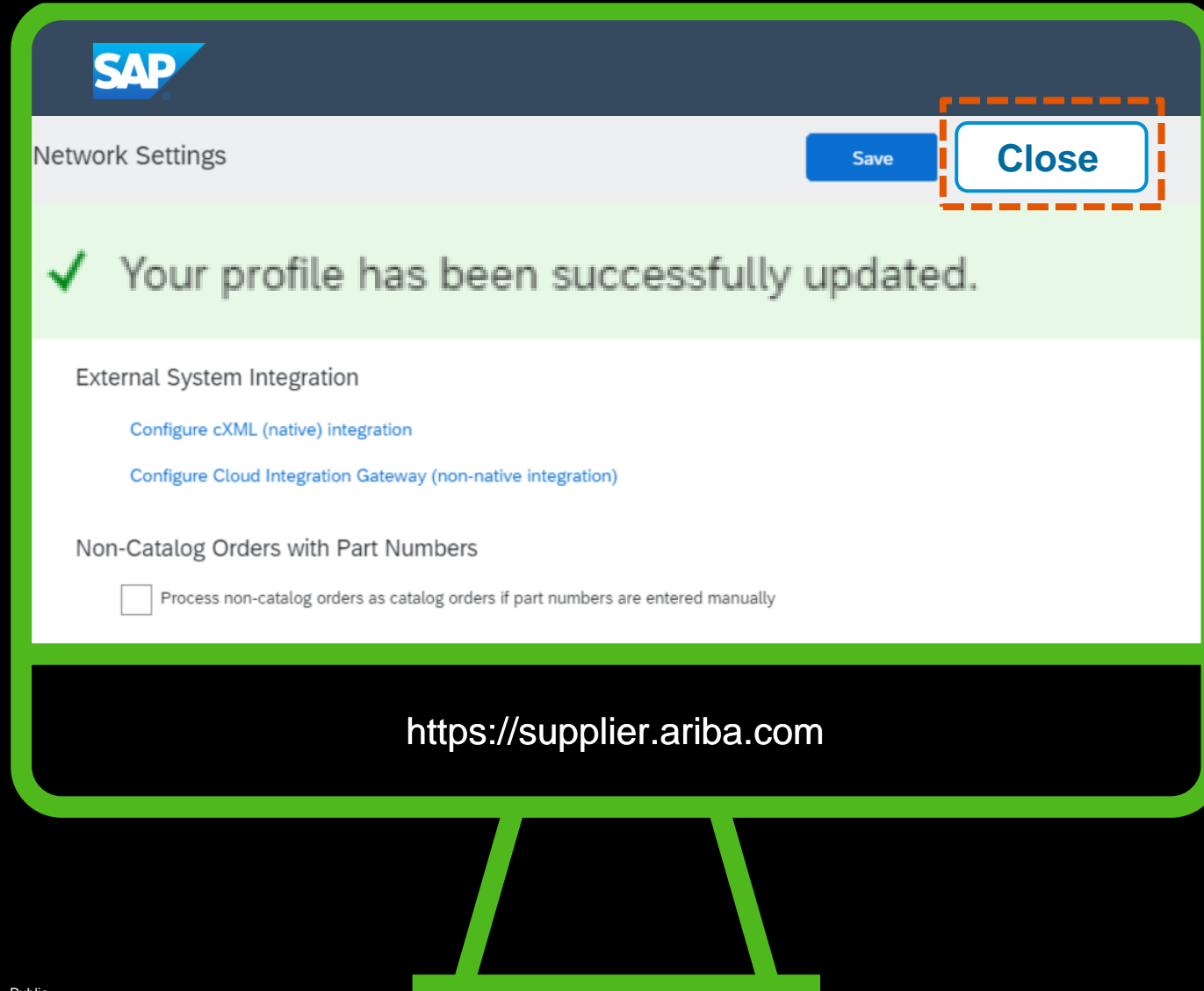
<https://supplier.ariba.com>

# End of Setup



9

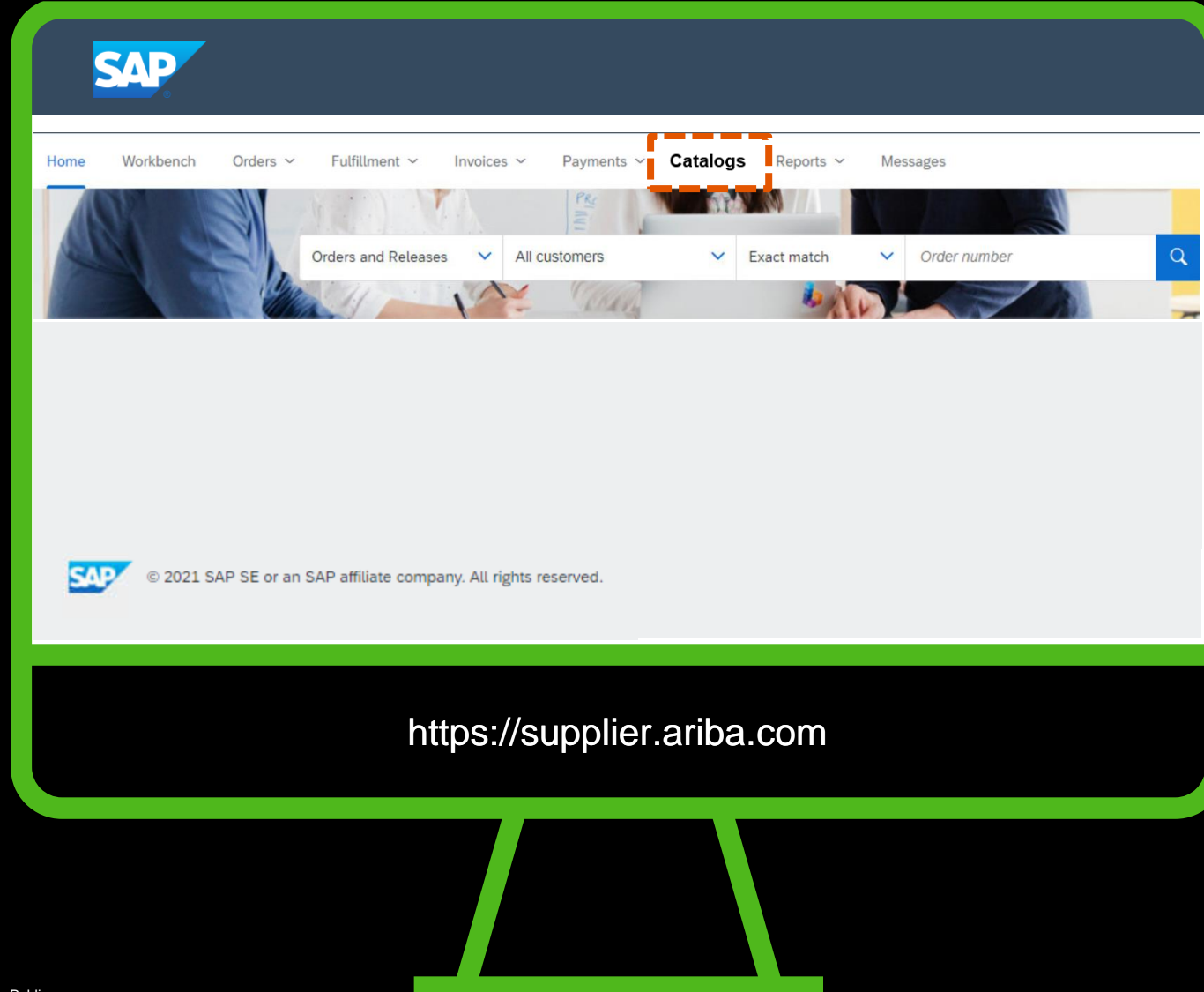
Click on **Close** and you will be sent to the page explaining how to fill in the **INDEX FILE**



# Main Page

10

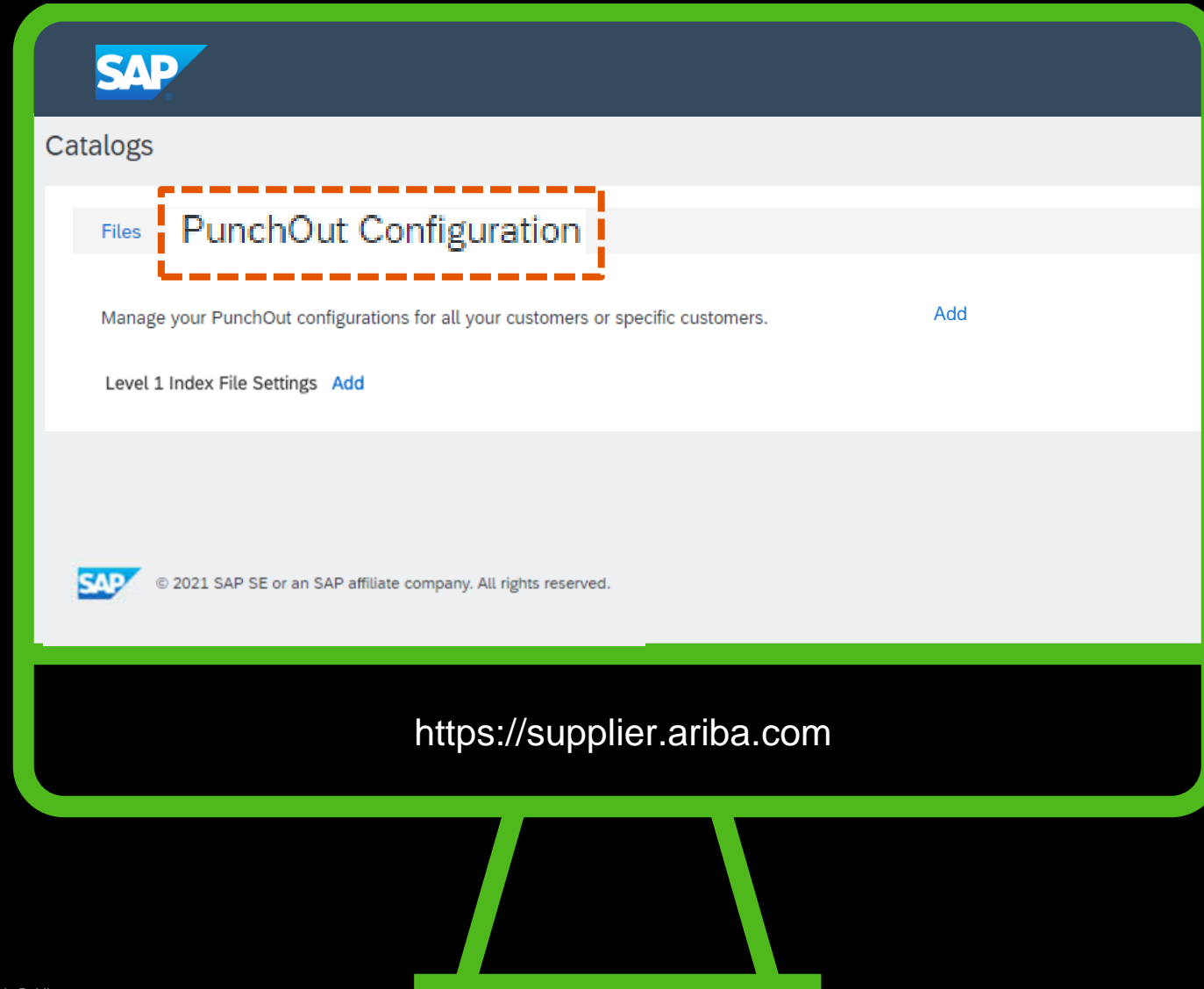
Go back to the Main  
page and Click on  
**Catalogs Tab** on  
Top



# Catalog Page

11

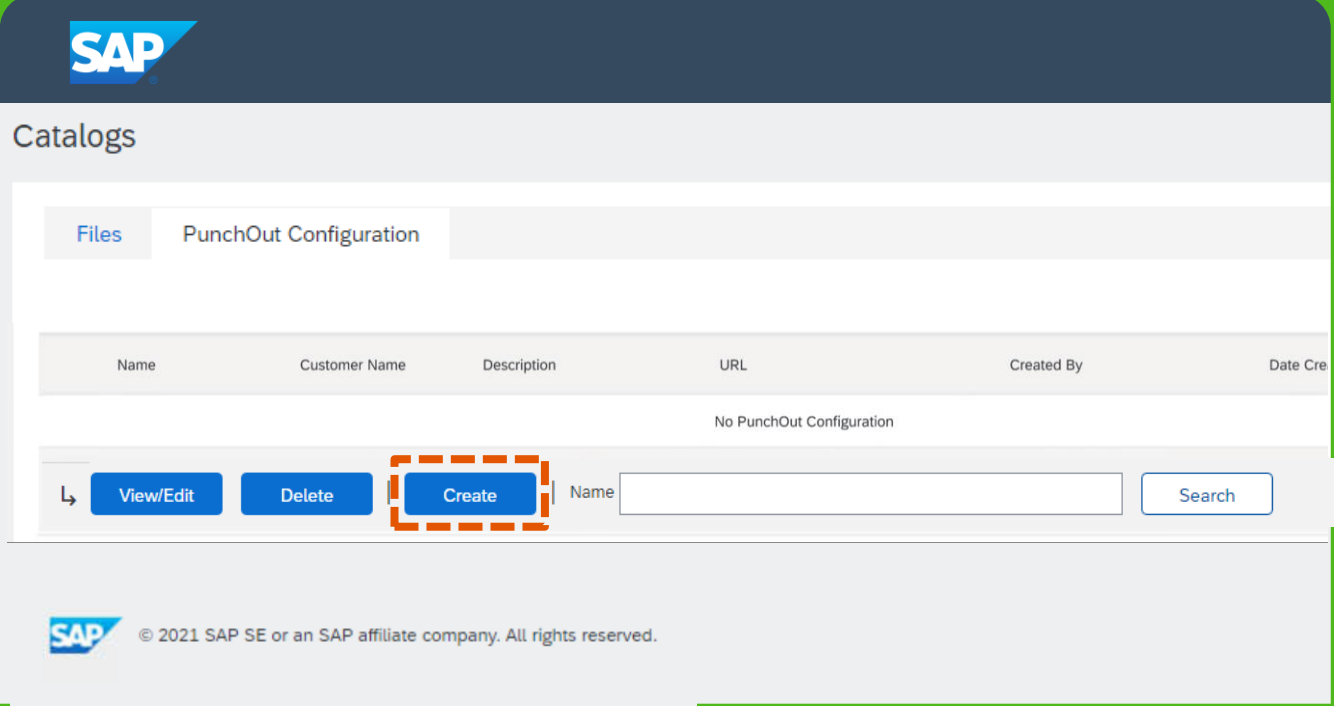
Click on **PunchOut Configuration** Tab



# PunchOut Configuration

11

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



The screenshot shows the SAP 'Catalogs' interface for 'PunchOut Configuration'. It features a table with columns: Name, Customer Name, Description, URL, Created By, and Date Created. The table is currently empty, displaying 'No PunchOut Configuration'. Below the table are three buttons: 'View/Edit', 'Delete', and 'Create'. The 'Create' button is highlighted with a red dashed border. To the right of the buttons is a 'Name' search field and a 'Search' button. An orange arrow points from the right towards the 'Create' button. The SAP logo is in the top left corner, and the footer contains the text '© 2021 SAP SE or an SAP affiliate company. All rights reserved.'.

Name	Customer Name	Description	URL	Created By	Date Created
No PunchOut Configuration					

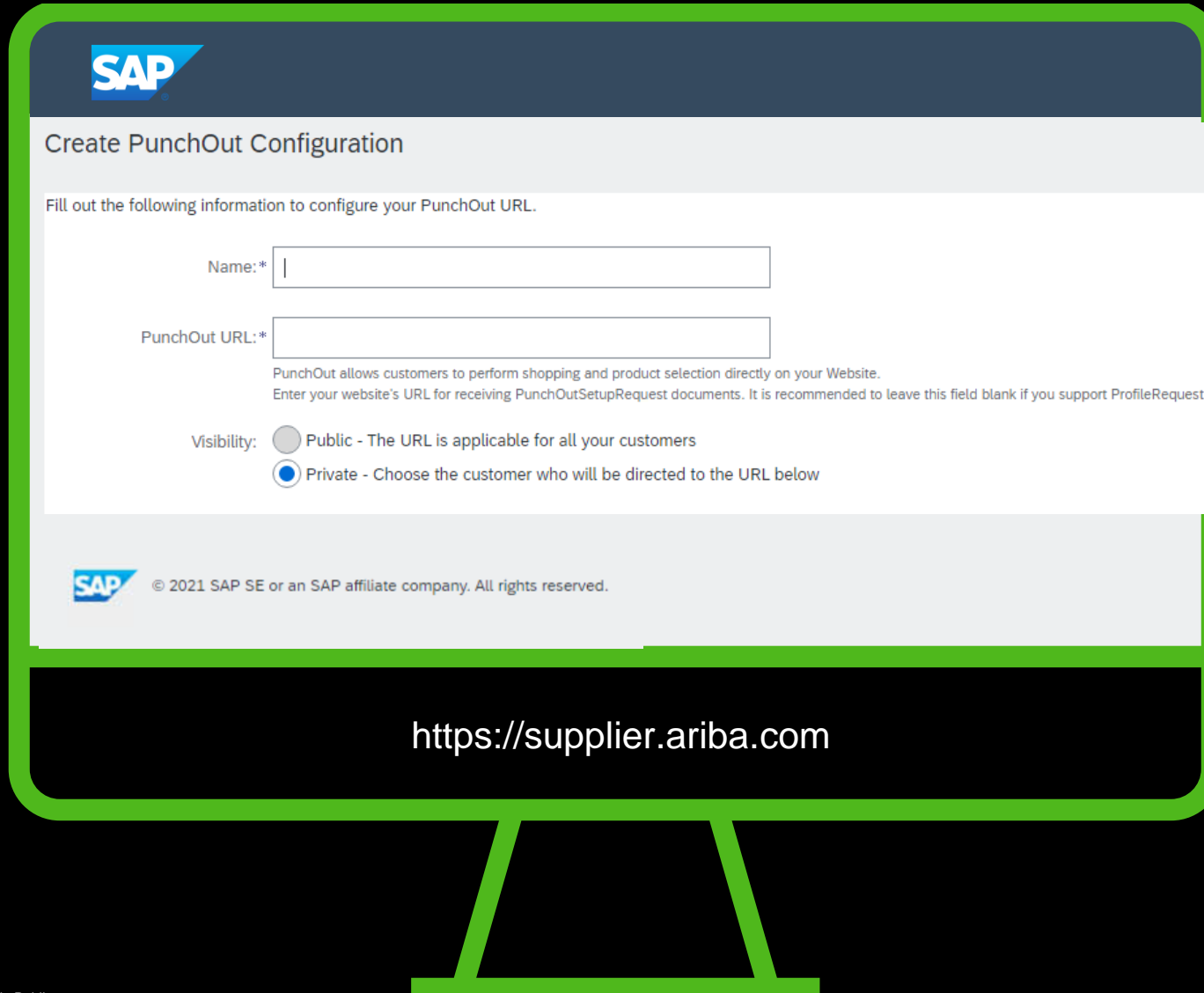
View/Edit Delete **Create** Name  Search

https://supplier.ariba.com

# PunchOut Configuration – Name and PunchOut URL

12

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



**SAP**

### Create PunchOut Configuration

Fill out the following information to configure your PunchOut URL.

Name:\*

PunchOut URL:\*

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

Visibility: ☐ Public - The URL is applicable for all your customers  
☒ Private - Choose the customer who will be directed to the URL below

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<https://supplier.ariba.com>

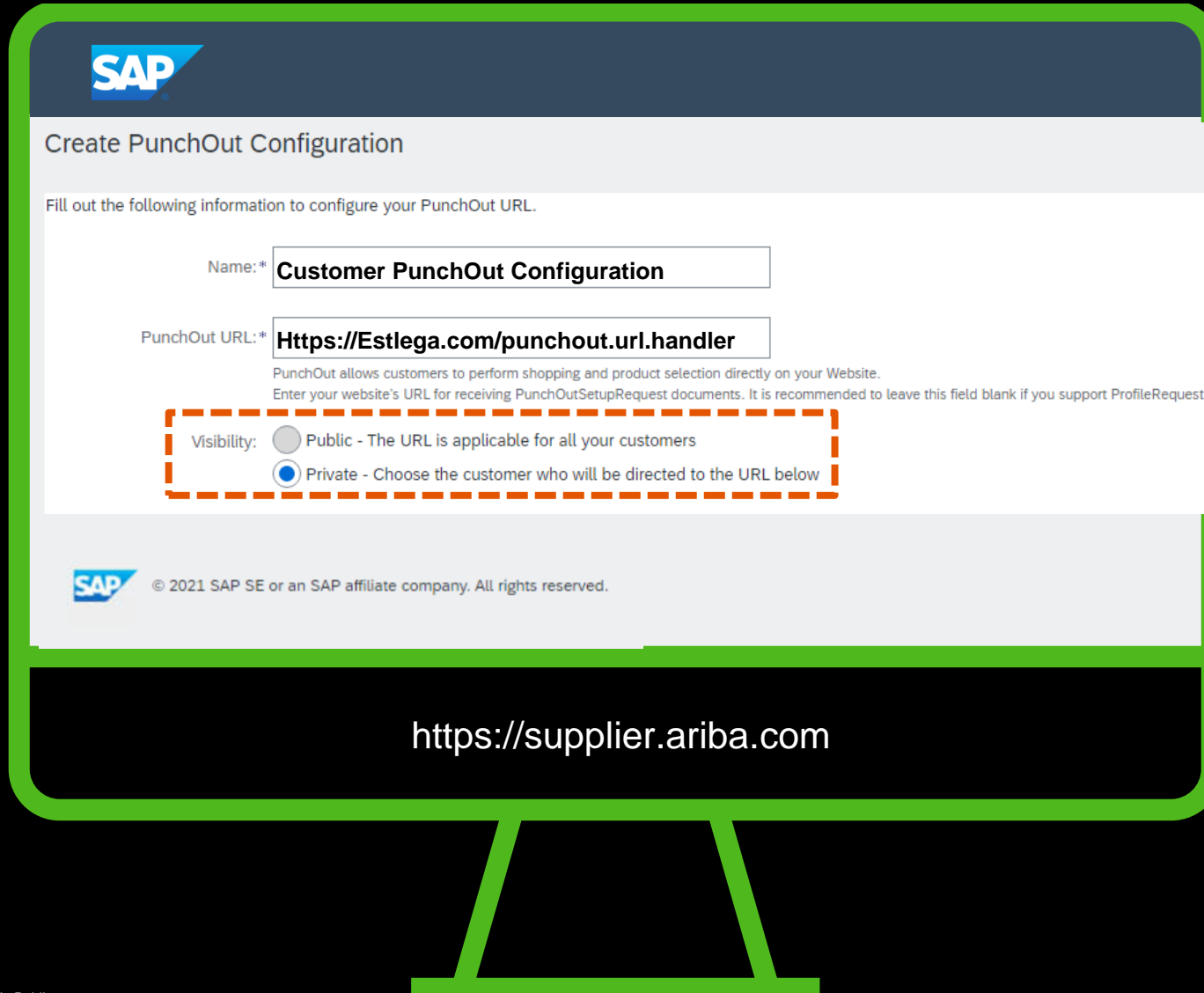


# PunchOut Configuration - Visibility

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 form has a header with the SAP logo and the title 'Create PunchOut Configuration'. Below the title, it says 'Fill out the following information to configure your PunchOut URL.' There are two input fields: 'Name:\*' with the value 'Customer PunchOut Configuration' and 'PunchOut URL:\*' with the value 'Https://Estlega.com/punchout.url.handler'. Below these fields, there is a section for 'Visibility' 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. A dashed orange box highlights the 'Visibility' section. An orange arrow points from the right towards the 'Private' radio button. At the bottom of the form, there is a footer with the SAP logo and the text '© 2021 SAP SE or an SAP affiliate company. All rights reserved.' Below the form, there is a large green box containing the URL 'https://supplier.ariba.com'.

SAP

Create PunchOut Configuration

Fill out the following information to configure your PunchOut URL.

Name:\* **Customer PunchOut Configuration**

PunchOut URL:\* **Https://Estlega.com/punchout.url.handler**

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

Visibility: ☐ Public - The URL is applicable for all your customers  
☒ Private - Choose the customer who will be directed to the URL below

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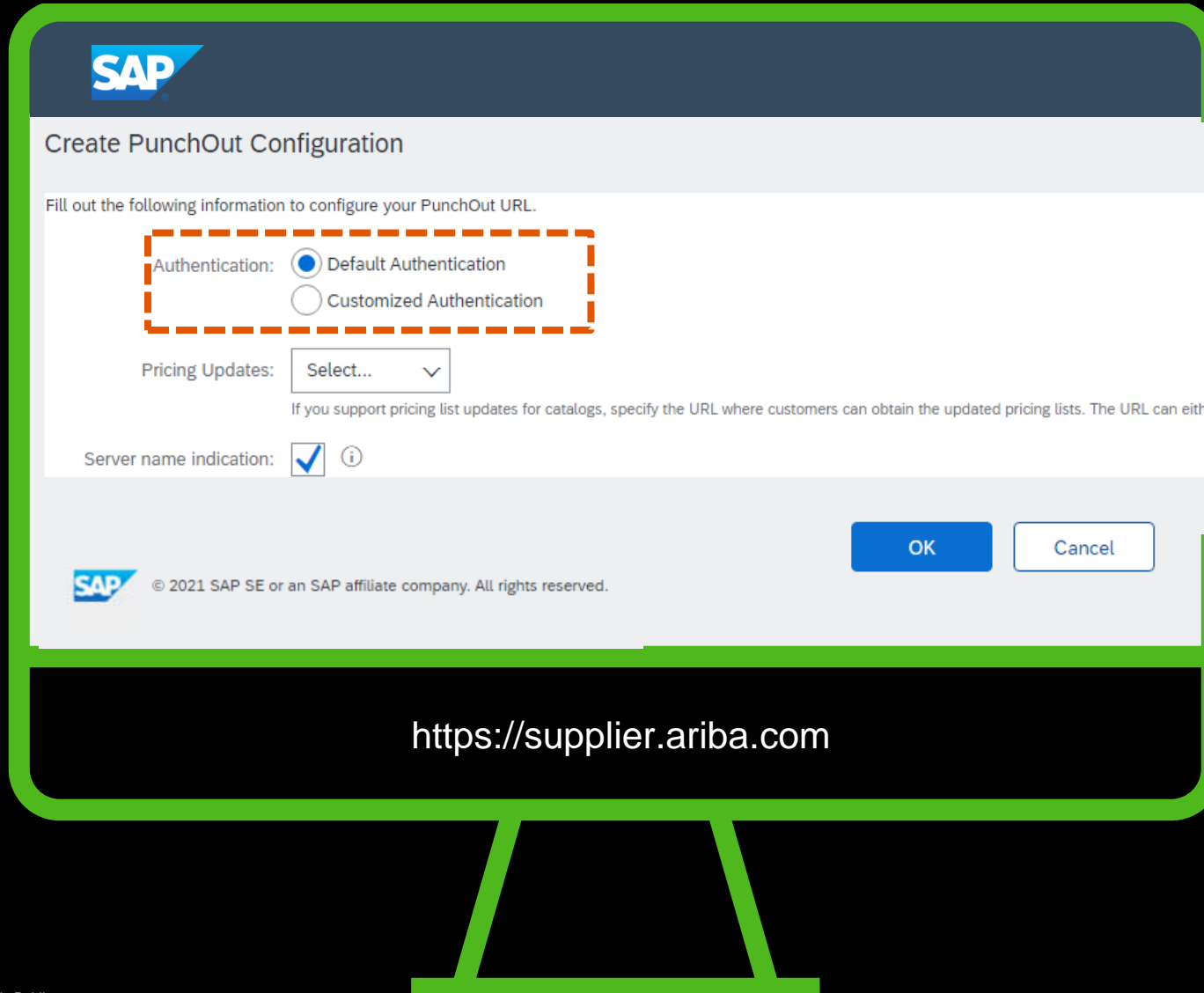
https://supplier.ariba.com

# PunchOut Configuration - Default Authentication

14

Select **Default Authentication**

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



The image shows a SAP PunchOut Configuration dialog box. The title bar is dark blue with the SAP logo. The main content area is white and contains the following elements:

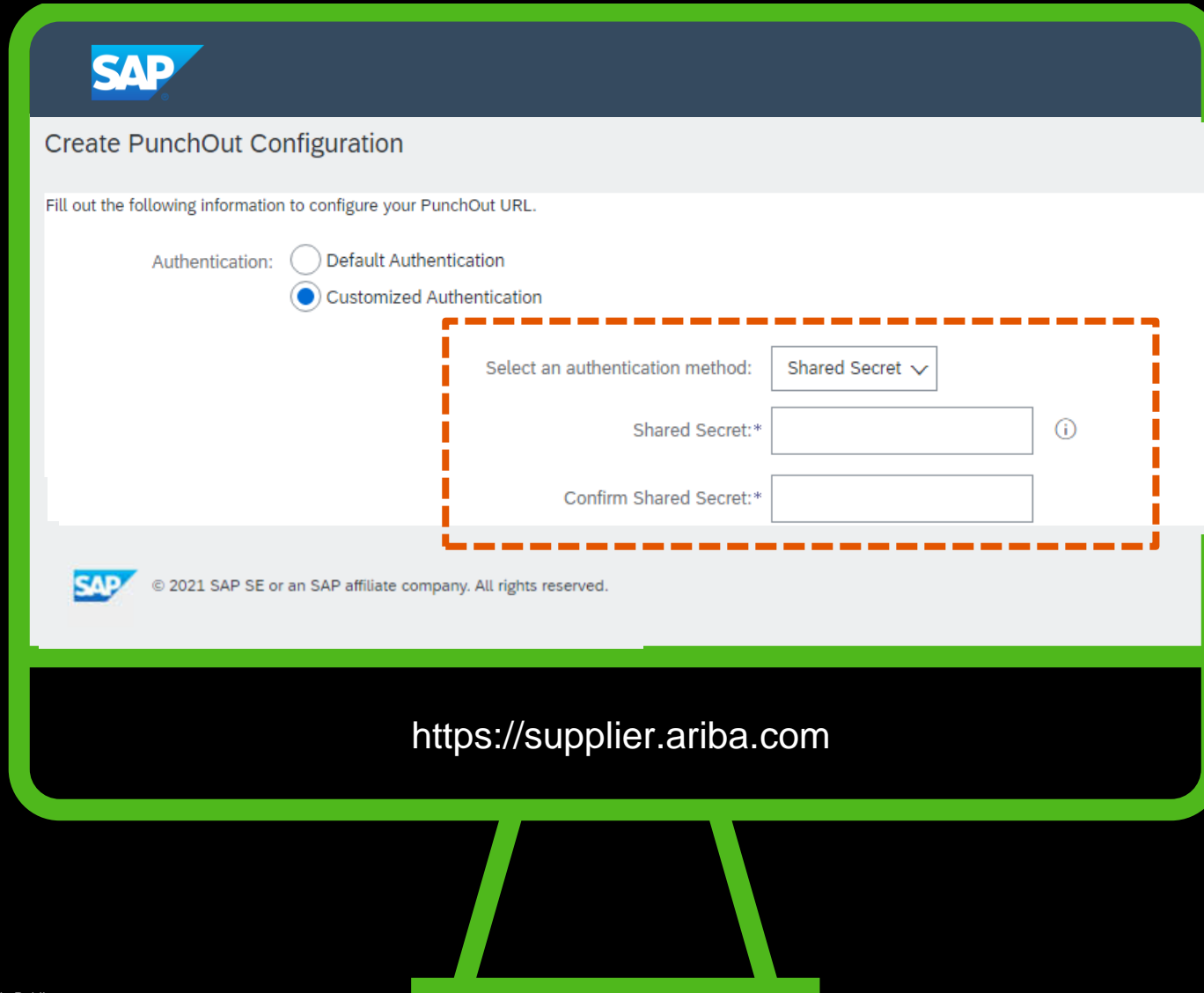
- Create PunchOut Configuration** (Section Header)
- Fill out the following information to configure your PunchOut URL.** (Instruction)
- Authentication:** Two radio buttons are present: ☒ **Default Authentication** and ☐ **Customized Authentication**. This section is highlighted with a dashed orange border.
- Pricing Updates:** A dropdown menu with the text "Select..." and a downward arrow.
- 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 file path or a URL. (Help text)
- Server name indication:** A checkbox that is checked, followed by an information icon (i).
- Buttons:** "OK" (blue) and "Cancel" (white with blue border).
- Footer:** SAP logo and copyright text: "© 2021 SAP SE or an SAP affiliate company. All rights reserved."

Below the dialog box, the URL `https://supplier.ariba.com` is displayed on a dark blue background.

# PunchOut Configuration - Customized Authentication

15

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



The screenshot shows the 'Create PunchOut Configuration' page in SAP. The 'Authentication' section has two radio buttons: 'Default Authentication' and 'Customized Authentication'. The 'Customized Authentication' option is selected. A dashed orange box highlights the 'Select an authentication method' dropdown (set to 'Shared Secret'), the 'Shared Secret:\*' text input field, and the 'Confirm Shared Secret:\*' text input field. An orange arrow points from the right towards the 'Shared Secret' dropdown. The URL 'https://supplier.ariba.com' is displayed at the bottom of the configuration area.

SAP

### Create PunchOut Configuration

Fill out the following information to configure your PunchOut URL.

Authentication: ☐ Default Authentication ☒ Customized Authentication

Select an authentication method: Shared Secret ▼

Shared Secret:\*

Confirm Shared Secret:\*

https://supplier.ariba.com

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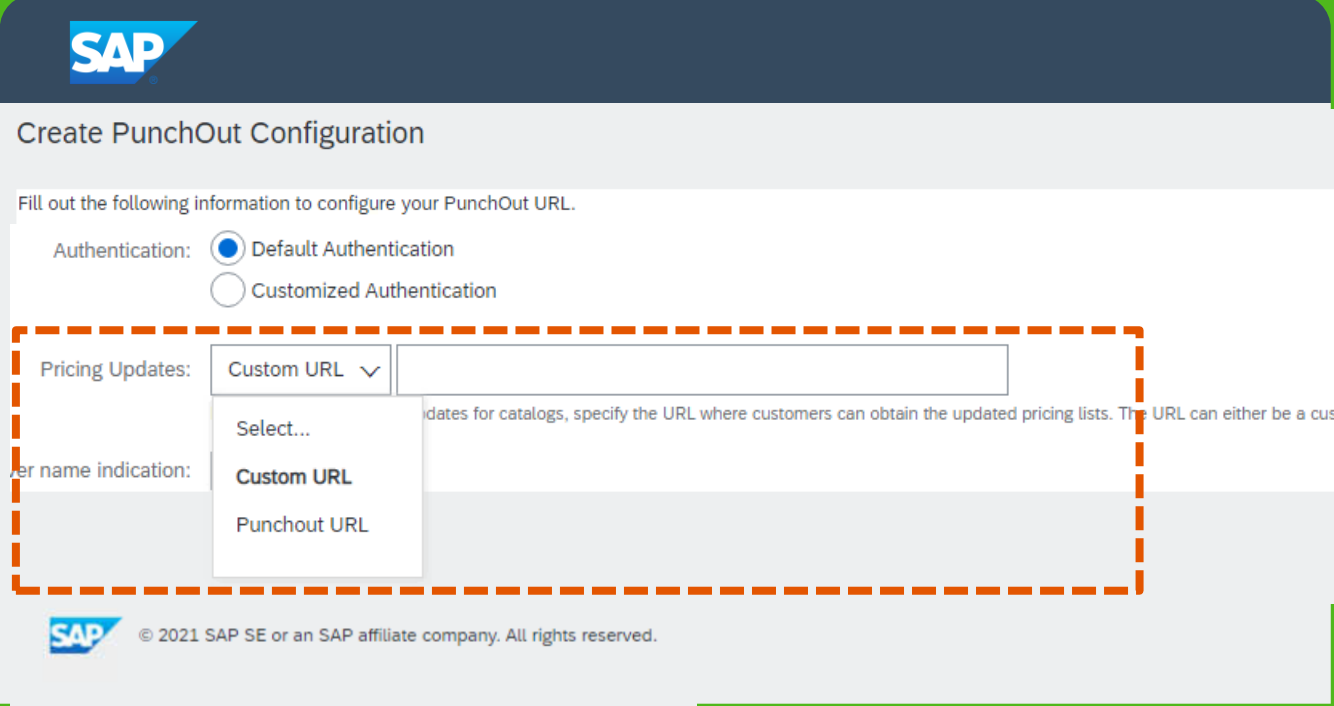
# PunchOut Configuration – Pricing Updates

16

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

Note:

Pricing update option is related to PunchOut Level 2 catalogs



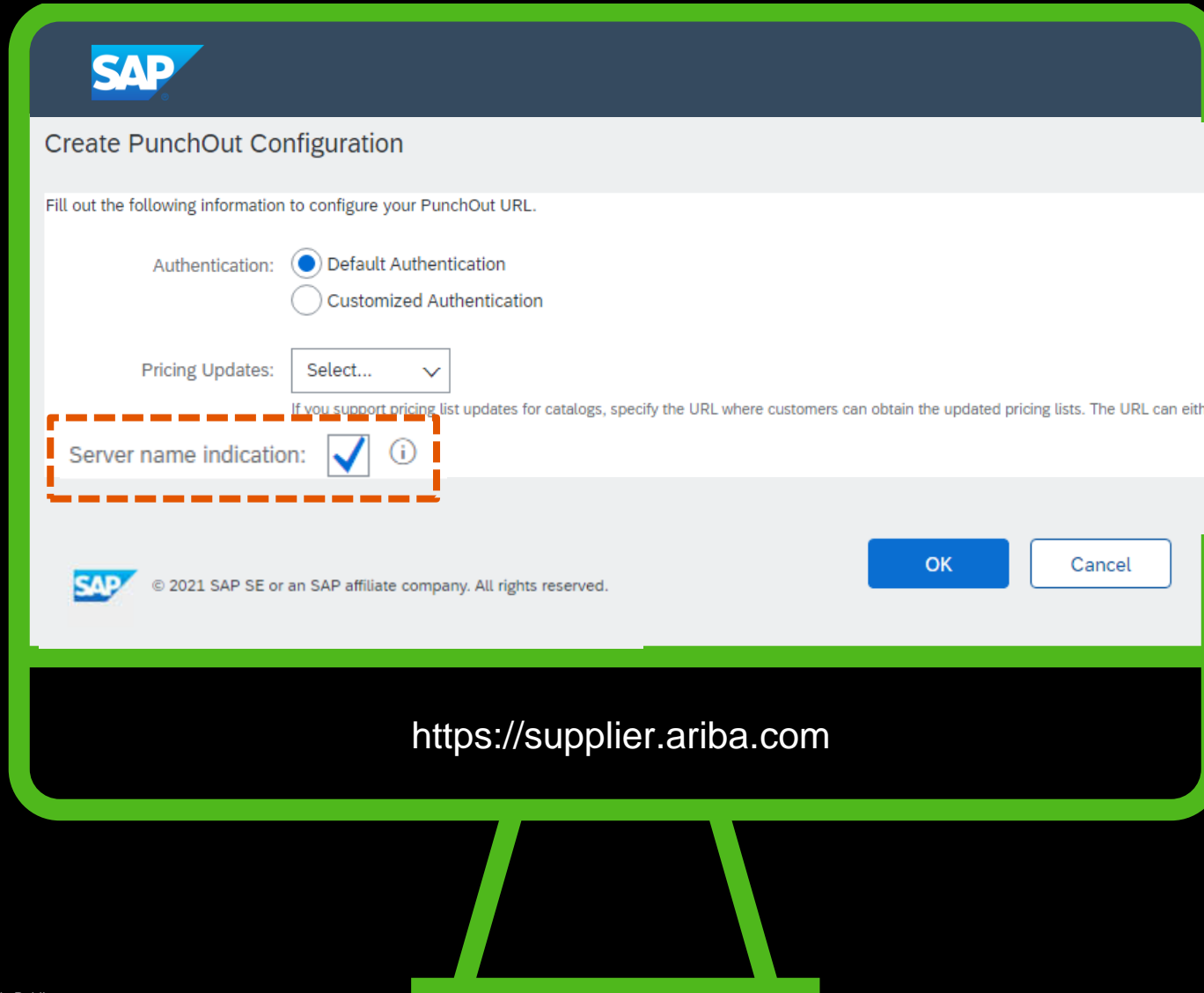
The screenshot shows the 'Create PunchOut Configuration' form in SAP. The form has a header with the SAP logo and the title 'Create PunchOut Configuration'. Below the header, there is a section titled 'Fill out the following information to configure your PunchOut URL.' This section contains two radio buttons for 'Authentication': 'Default Authentication' (selected) and 'Customized Authentication'. Below this, there is a 'Pricing Updates' section. It features a dropdown menu with 'Custom URL' selected, and a text input field. A dashed orange box highlights the 'Pricing Updates' section. Below the dropdown, there is a 'Select...' option and two other options: 'Custom URL' and 'Punchout URL'. To the right of the dropdown, there is a text input field with a placeholder text: 'For name indication:'. Below the input field, there is a text input field with a placeholder text: 'updates for catalogs, specify the URL where customers can obtain the updated pricing lists. The URL can either be a cus'. At the bottom of the form, there is a footer with the SAP logo and the text '© 2021 SAP SE or an SAP affiliate company. All rights reserved.'.

https://supplier.ariba.com

# 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**.



The image shows a SAP web interface for creating a PunchOut configuration. The dialog box has a title bar with the SAP logo. Below the title bar, the text "Create PunchOut Configuration" is displayed. A subtitle reads: "Fill out the following information to configure your PunchOut URL." The form contains several fields: "Authentication" with two radio buttons, "Default Authentication" (selected) and "Customized Authentication"; "Pricing Updates" with a dropdown menu showing "Select..."; and "Server name indication" with a checked checkbox and an information icon. A dashed orange box highlights the "Server name indication" section. Below the form, there are "OK" and "Cancel" buttons. At the bottom of the dialog, the SAP logo and copyright text "© 2021 SAP SE or an SAP affiliate company. All rights reserved." are visible. The entire dialog box is framed by a thick green border. Below the dialog box, the URL "https://supplier.ariba.com" is displayed in white text on a black background.

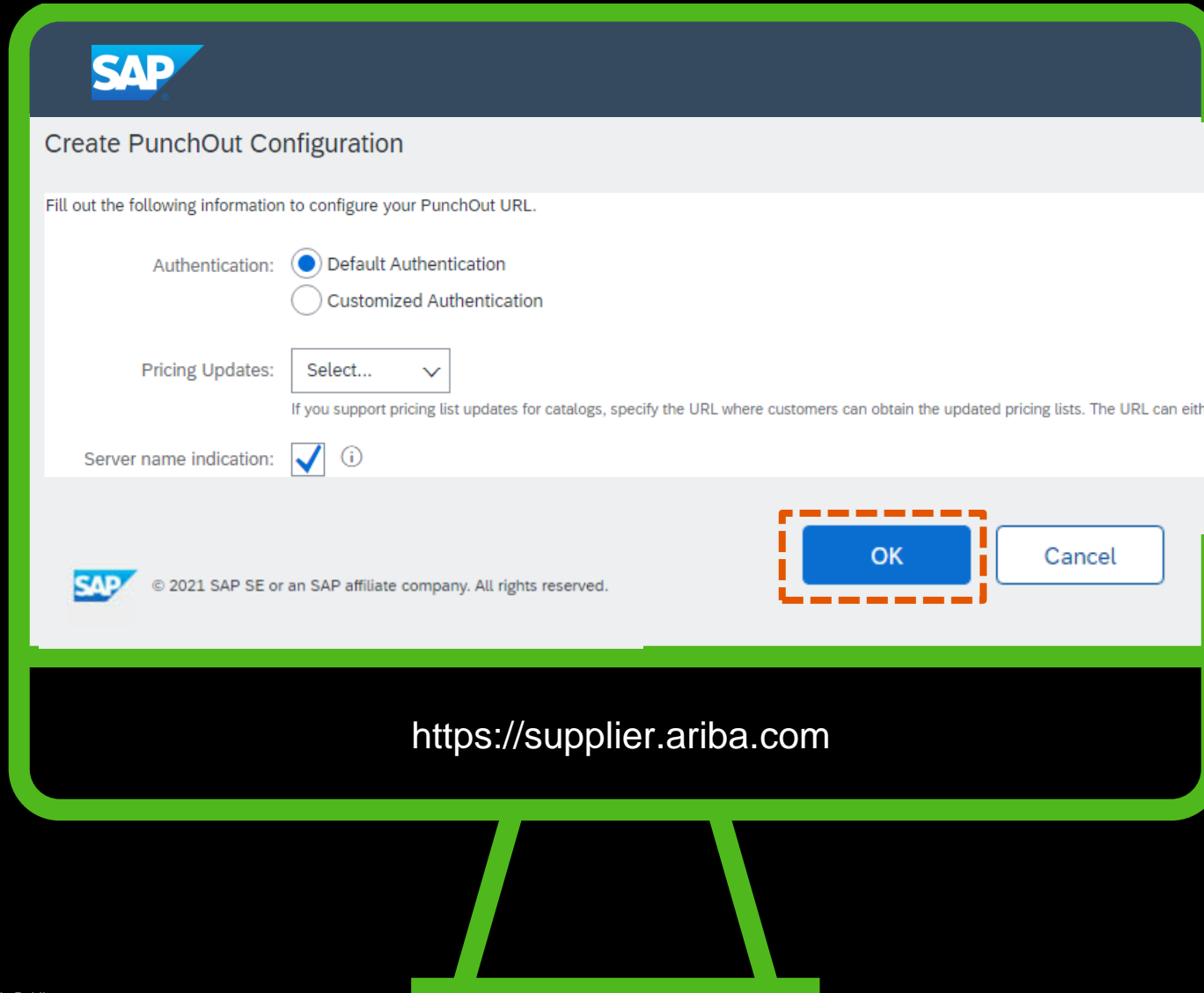
https://supplier.ariba.com

# PunchOut Configuration – Finish

18

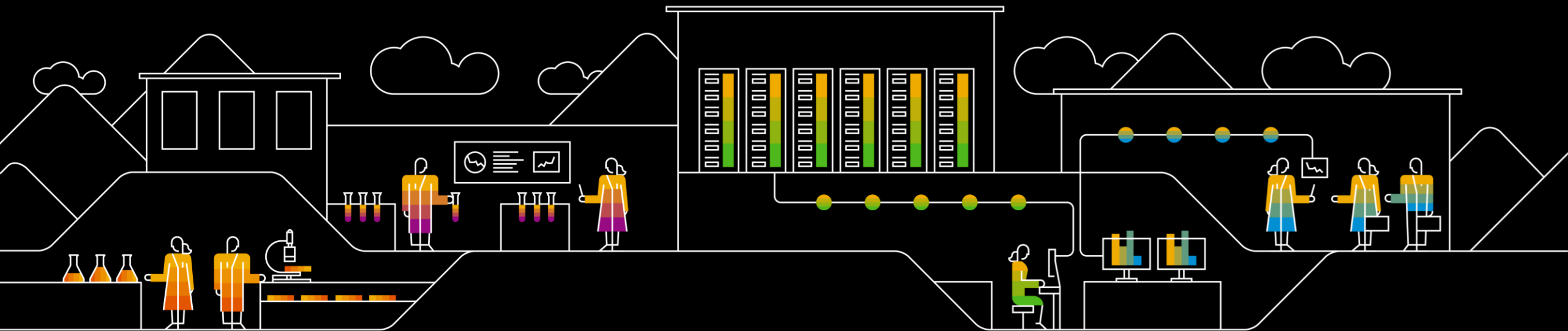
Click OK

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 image shows a SAP web interface for creating a PunchOut configuration. The dialog box has a title bar with the SAP logo and the text "Create PunchOut Configuration". Below the title bar, there is a section with the text "Fill out the following information to configure your PunchOut URL." followed by three configuration options: "Authentication" with radio buttons for "Default Authentication" (selected) and "Customized Authentication"; "Pricing Updates" with a dropdown menu showing "Select..."; and "Server name indication" with a checked checkbox and an information icon. At the bottom of the dialog, there is a footer with the SAP logo and copyright text "© 2021 SAP SE or an SAP affiliate company. All rights reserved." and two buttons: "OK" (highlighted with a dashed orange border) and "Cancel". An orange arrow points from the right towards the "OK" button. Below the dialog box, the URL "https://supplier.ariba.com" is displayed.

# Preparing and Loading the **Index File**



# Option 1

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

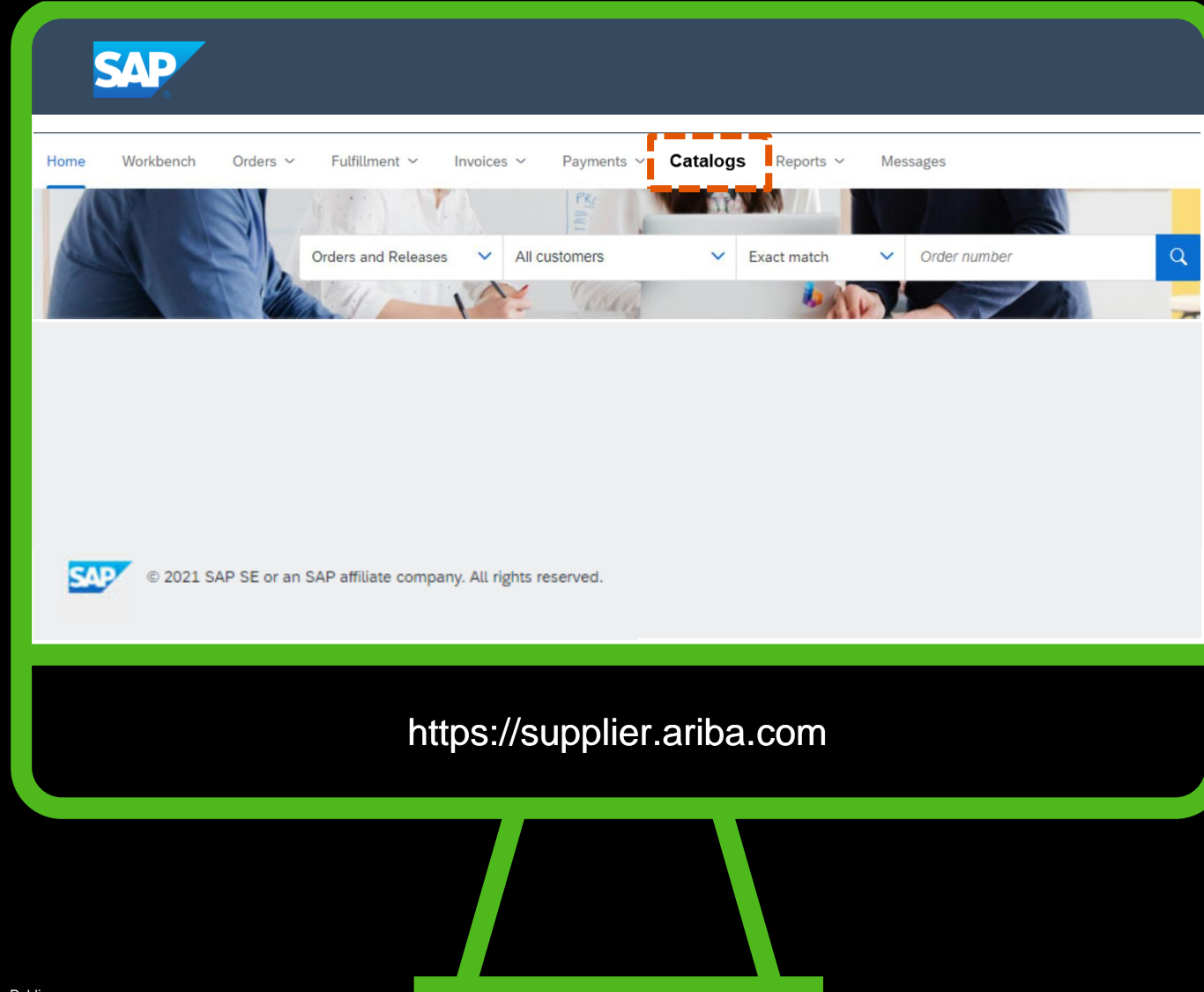




# Main Page

1

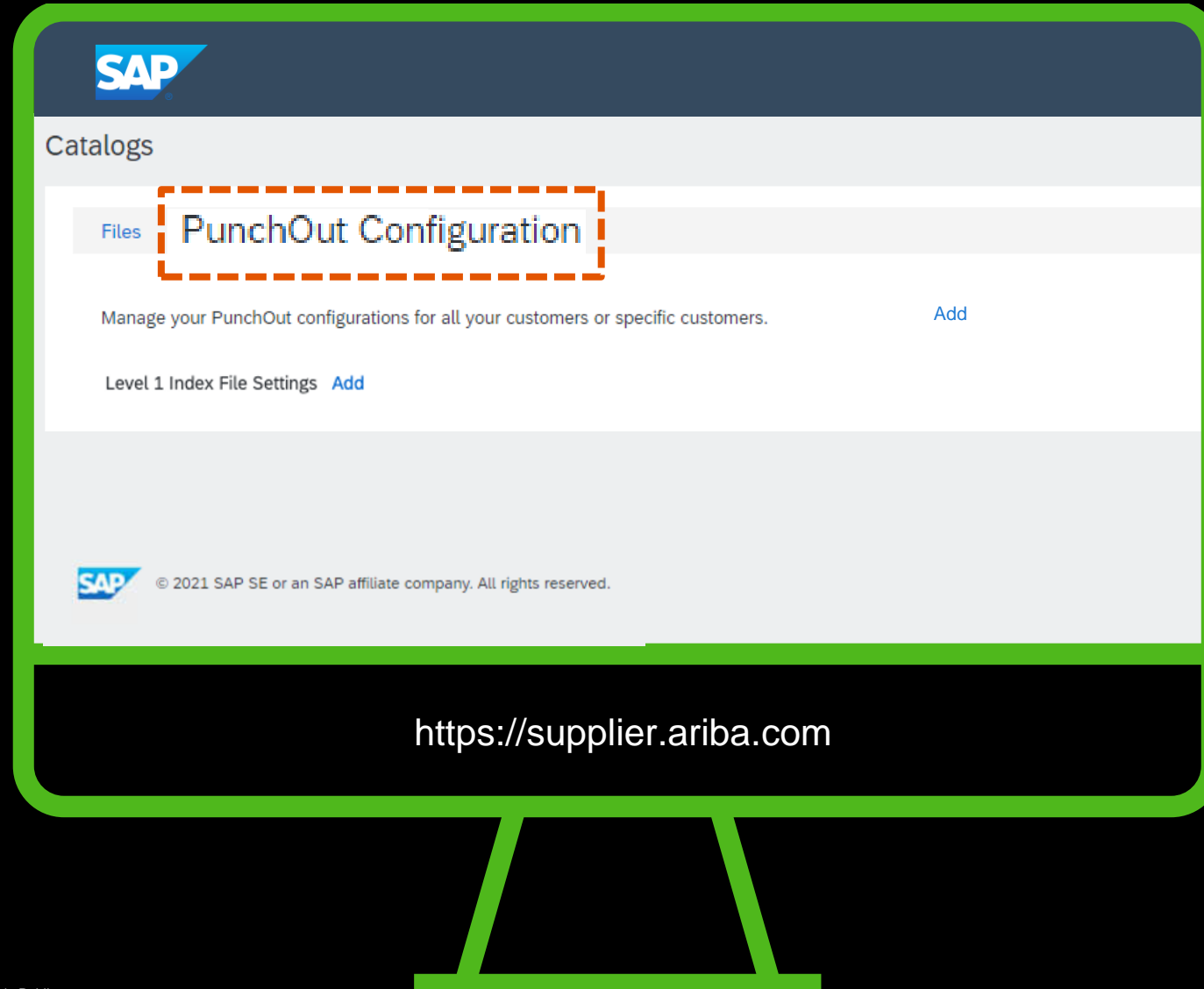
Now Lets Create  
The Level 1 Index  
File, Click on  
**Catalogs** Tab on  
Top



# Catalog Page

2

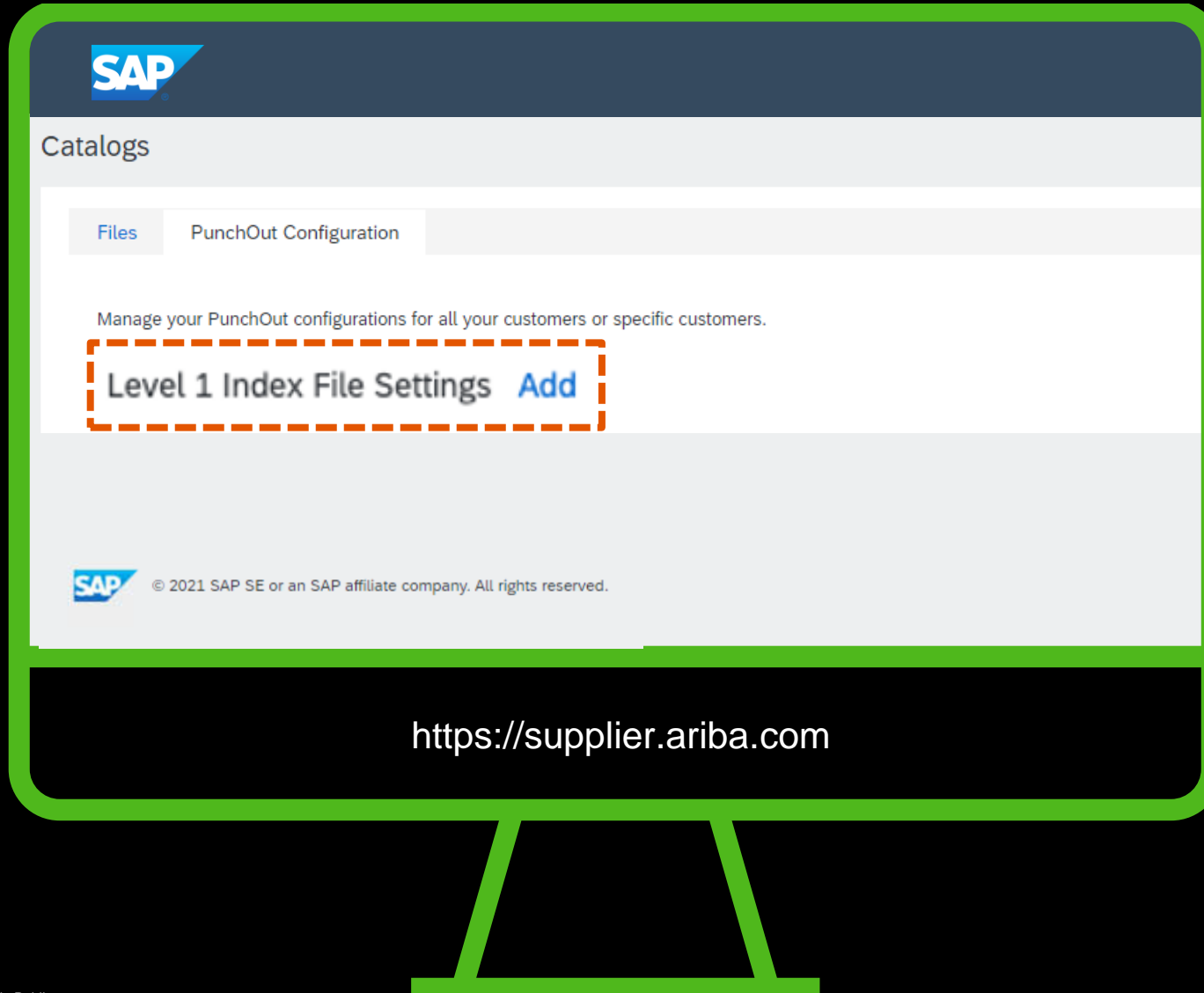
Click on **PunchOut Configuration** Tab



# PunchOut Configuration – Index File Settings

3

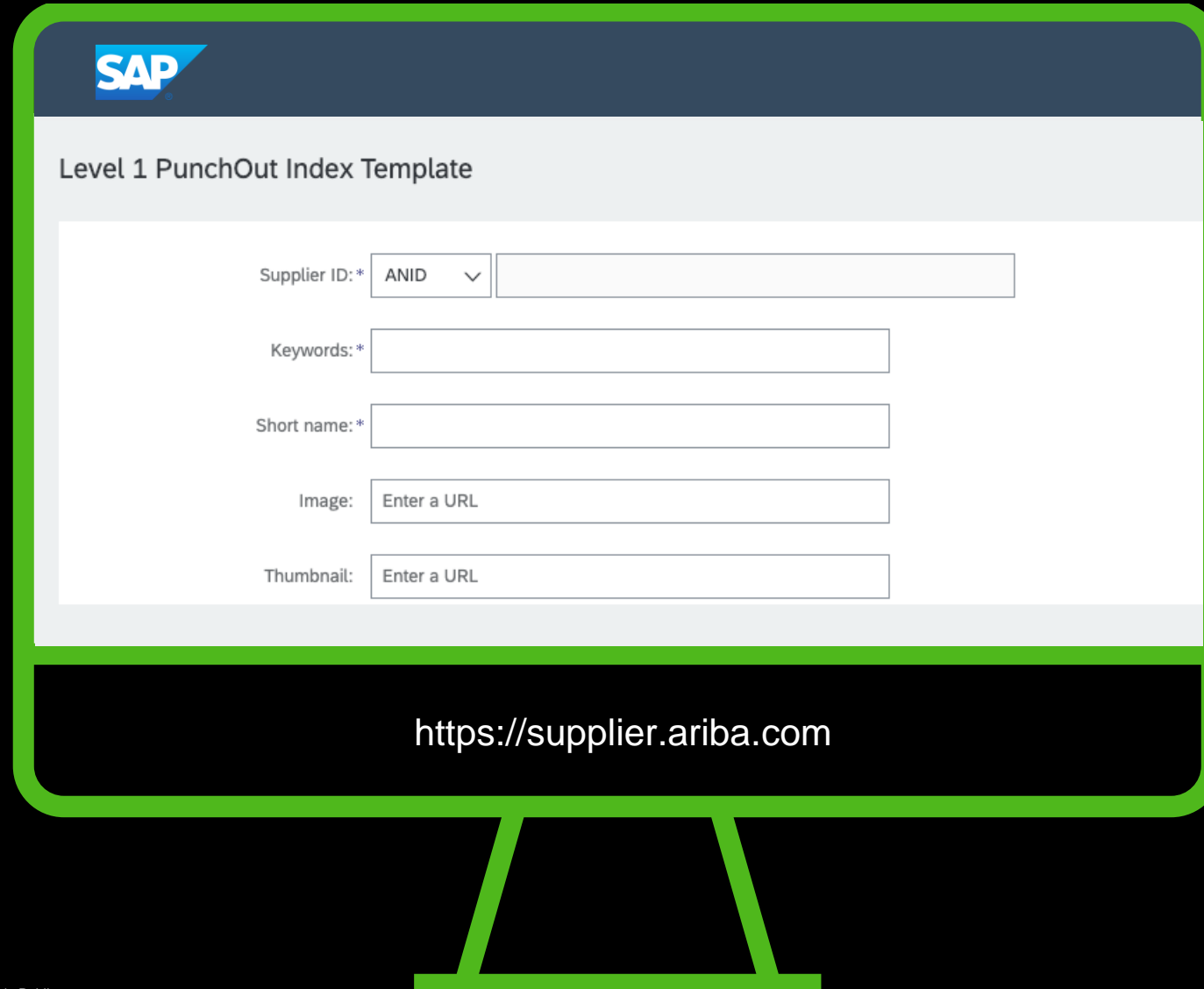
Click on **Add** next to  
Level 1 Index File  
Settings



# Index File Template Setup

4

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



The image shows a computer monitor displaying the SAP Level 1 PunchOut Index Template. The form is titled "Level 1 PunchOut Index Template" and features the SAP logo in the top left corner. The form fields are as follows:

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

Below the form, the URL <https://supplier.ariba.com> is displayed. An orange arrow points to the right side of the monitor frame.

# Index Template Setup Details

Level 1 PunchOut Index Template

Supplier ID:*	ANID ▼	AN02000121414
Keywords:*	[keywords relevant to my catalog]	
Short name:*	PunchOut L1 Catalog	
Image:	https.image.com	
Thumbnail:	https.image.com	

**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

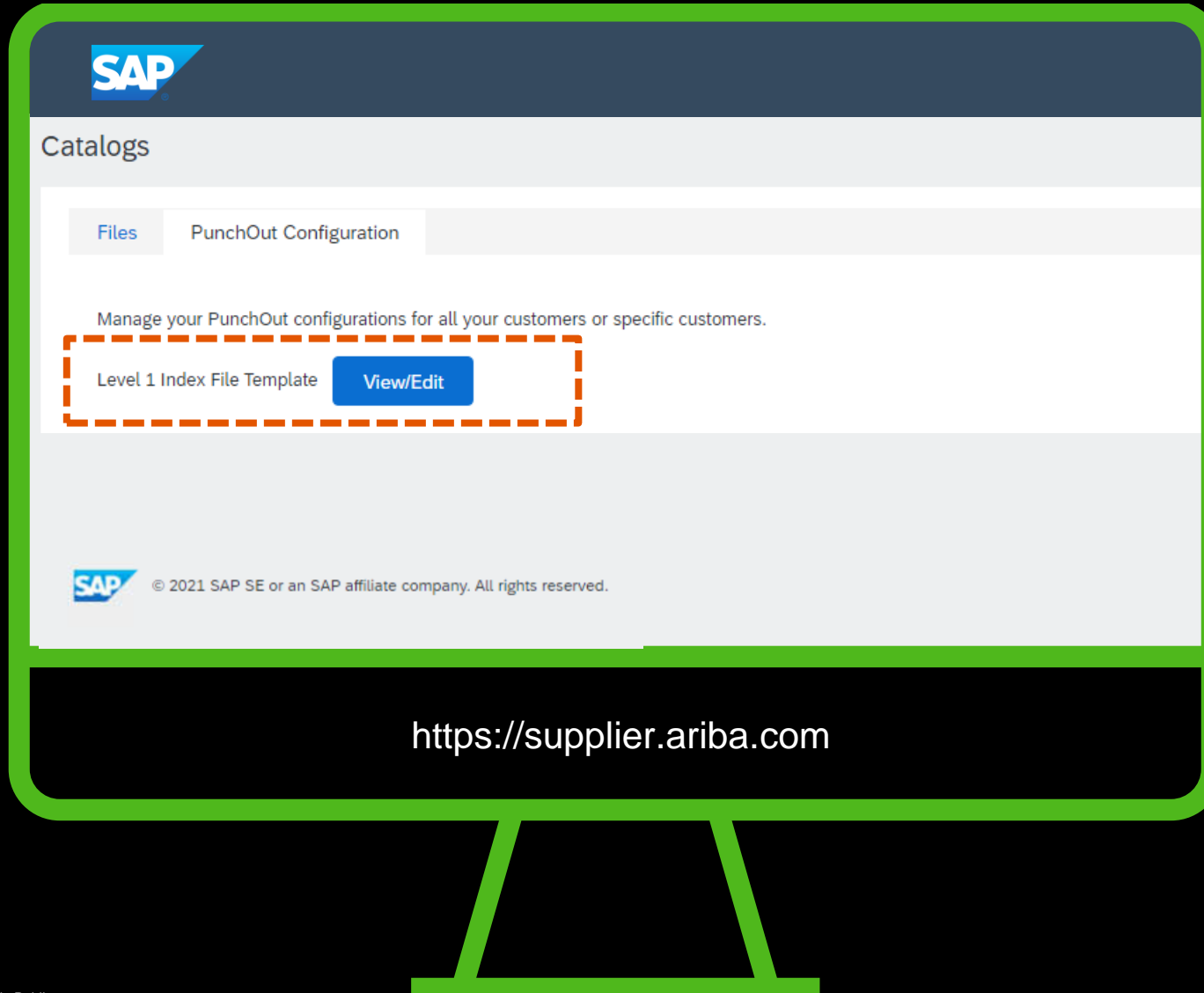
**Image Field** can be used for your **Company Logo**

**Thumbnail Field** same as Image

# PunchOut Configuration – Index File Edit

4

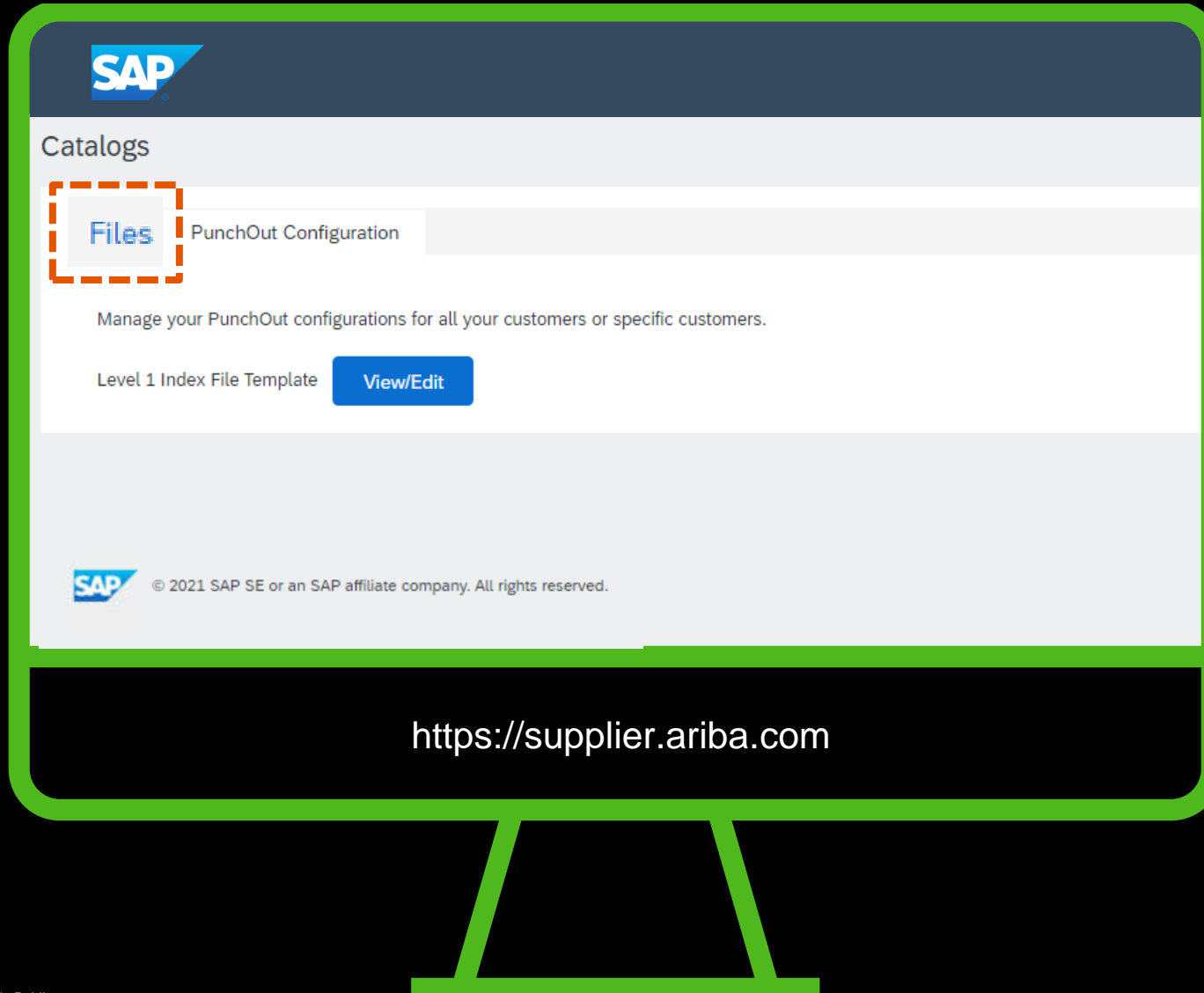
The Level 1 Index File Template can be later edited via button **View/Edit**



# Catalog Page

5

Click on the **Files**  
tab

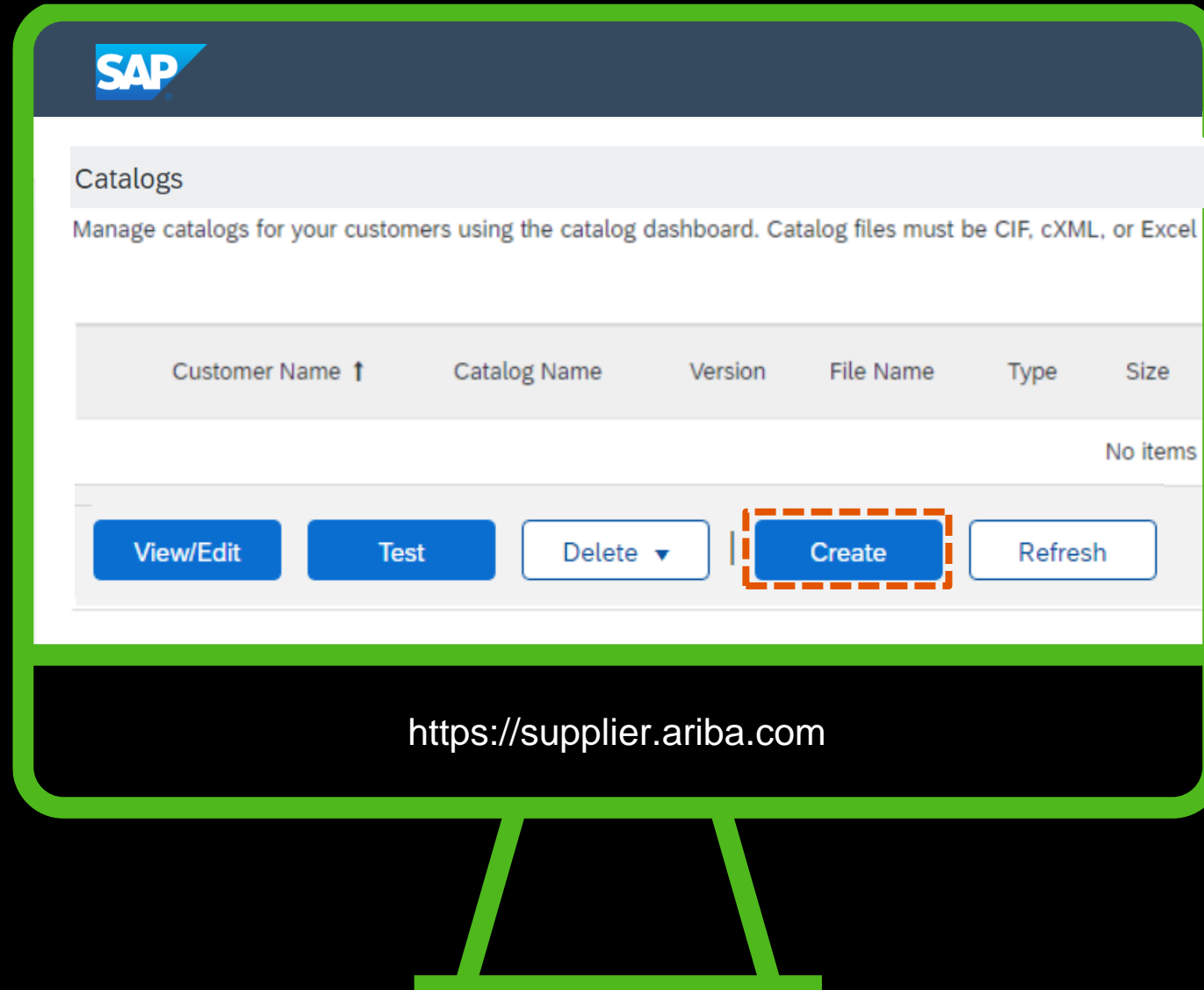


# Create



6

Click on  
**Create**





# Subscription



Index



Refresh

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: ⓘ 

Description
-------------

<https://supplier.ariba.com>

# Subscription – PunchOut Level 1



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

2 Subscriptions

3 Content

Catalog Name **Buyer\_Supplier\_CZ\_PunchOut**

PunchOut Level 1: ☒

Description:

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

Commodities: ⓘ

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

2 Subscriptions

3 Content

**Catalog Name** Buyer\_Supplier\_CZ\_PunchOut

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: ⓘ

Description

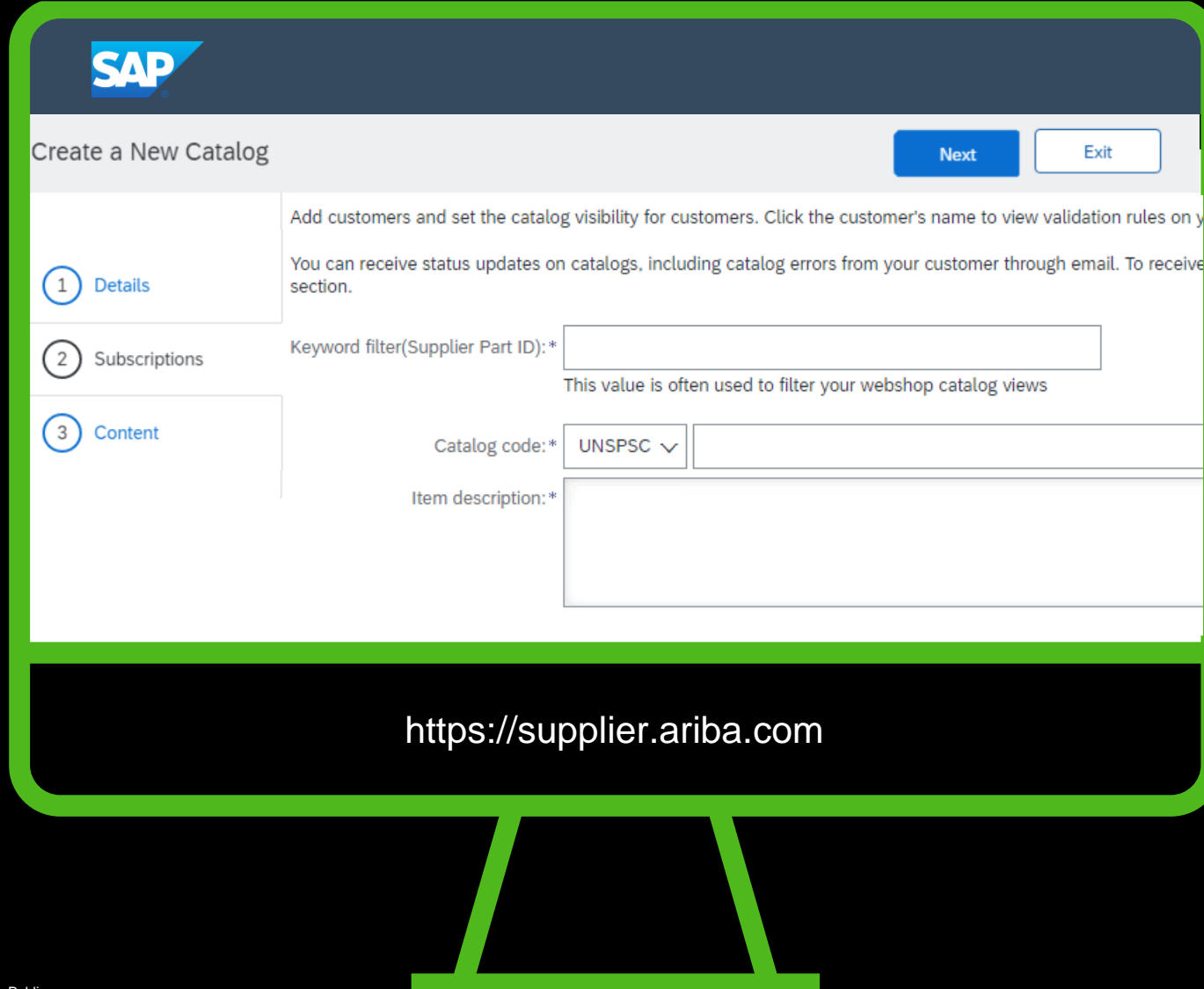
<https://supplier.ariba.com>

# 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

1 Details

2 Subscriptions

3 Content

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.

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



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):\* **AAA**

This value is often used to filter your webshop catalog views

Catalog code:\* UNSPSC 44

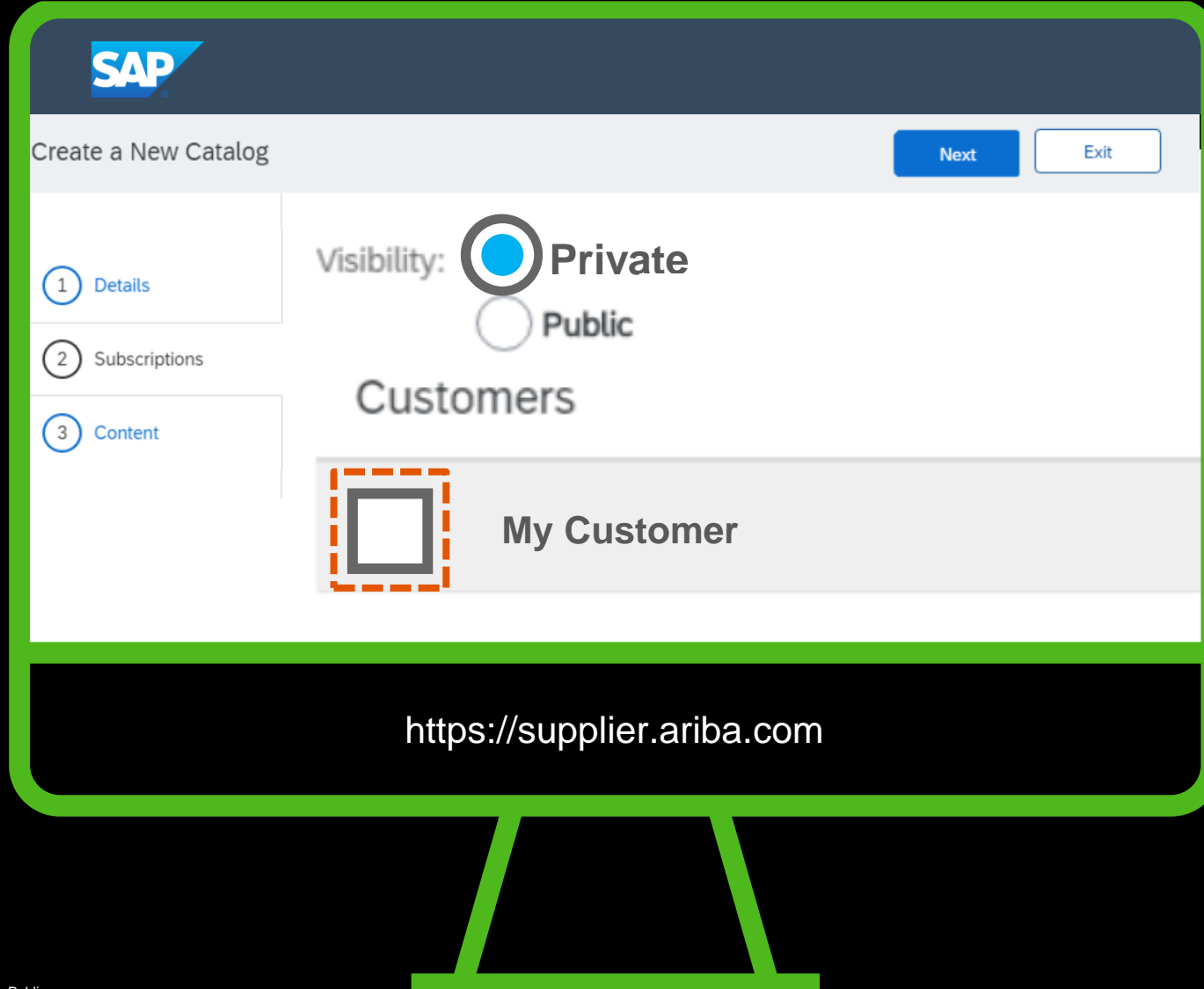
Item description:\* **Test Keywords**

<https://supplier.ariba.com>

# Customer

12

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



SAP

Create a New Catalog Next Exit

1 Details

2 Subscriptions

3 Content

Visibility: ☒ Private ☐ Public

Customers

☒ My Customer

<https://supplier.ariba.com>

# Next



13

Click **Next**

SAP

Create a New Catalog

Next Exit

1 Details

2 Subscriptions

3 Content

Visibility: ☒ Private ☐ Public

Customers

☒ My Customer

<https://supplier.ariba.com>

# Index Format



Refresh

14

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

**SAP**

Create a New Catalog Exit

1 Details

2 Subscriptions

3 Content

✓ PunchOut enabled

Short Name: **PunchOut L1 Catalog**

Keywords: **Test Keywords**

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

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

**https://supplier.ariba.com**



# Index Format



15

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

✓ PunchOut enabled

Short Name: **PunchOut L1 Catalog**

Keywords: **Test Keywords**

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

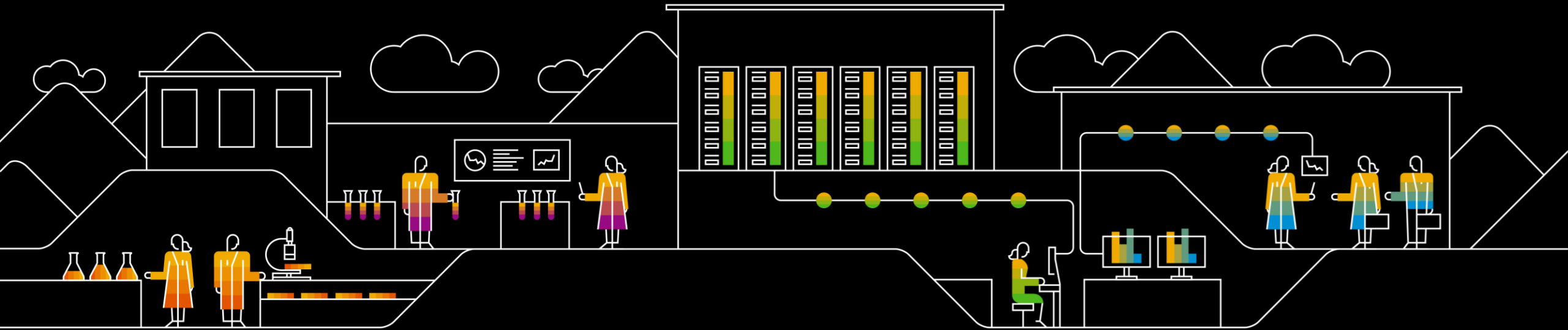
Thumbnail URL: **https://testimage.com**

**Validate and Publish**

<https://supplier.ariba.com>

## Option 2

# Manual upload of a **Static Index File**



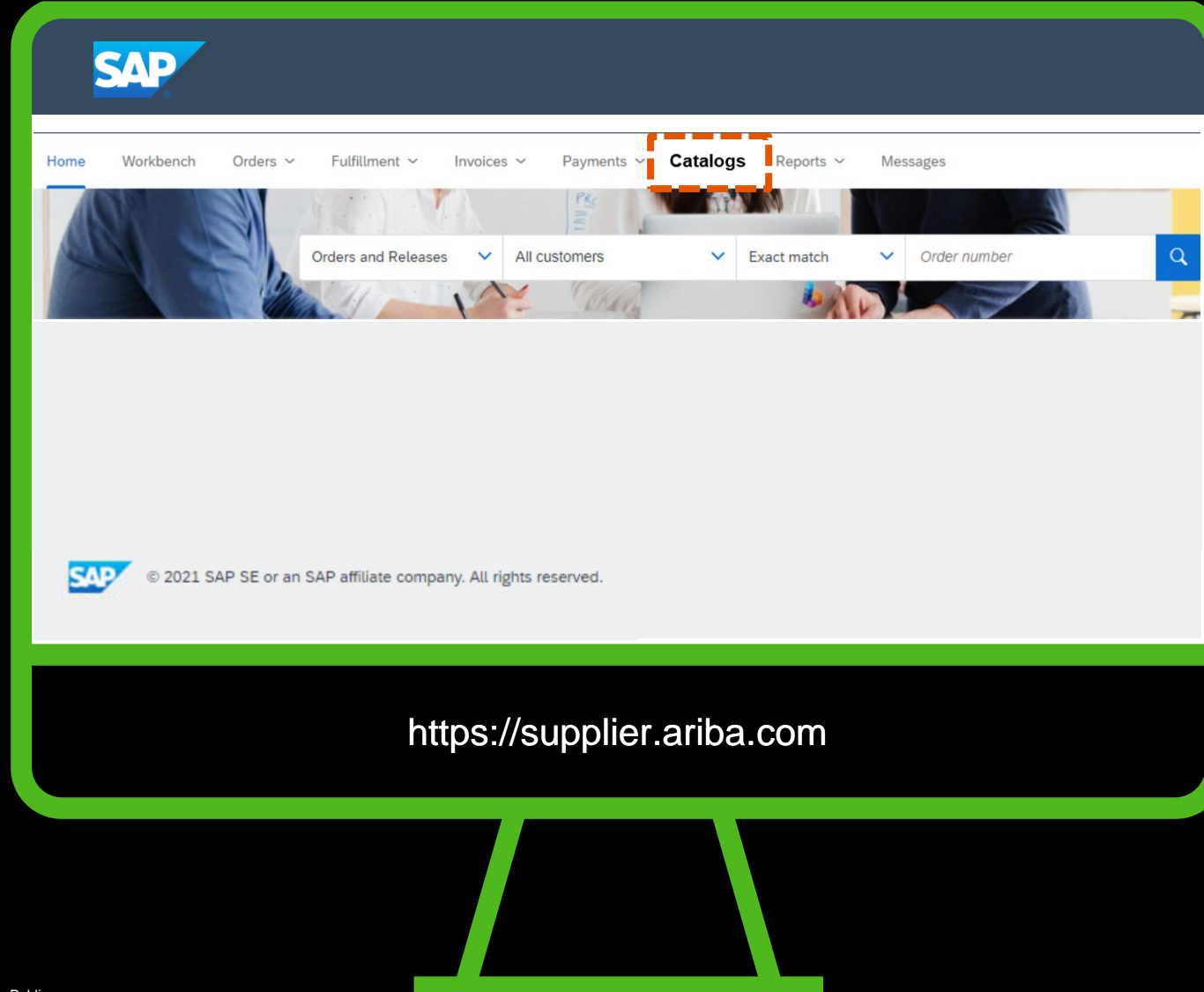
[illegible]

[Click here for UPLOAD Simulation](#)

# Main Page

1

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



# Create



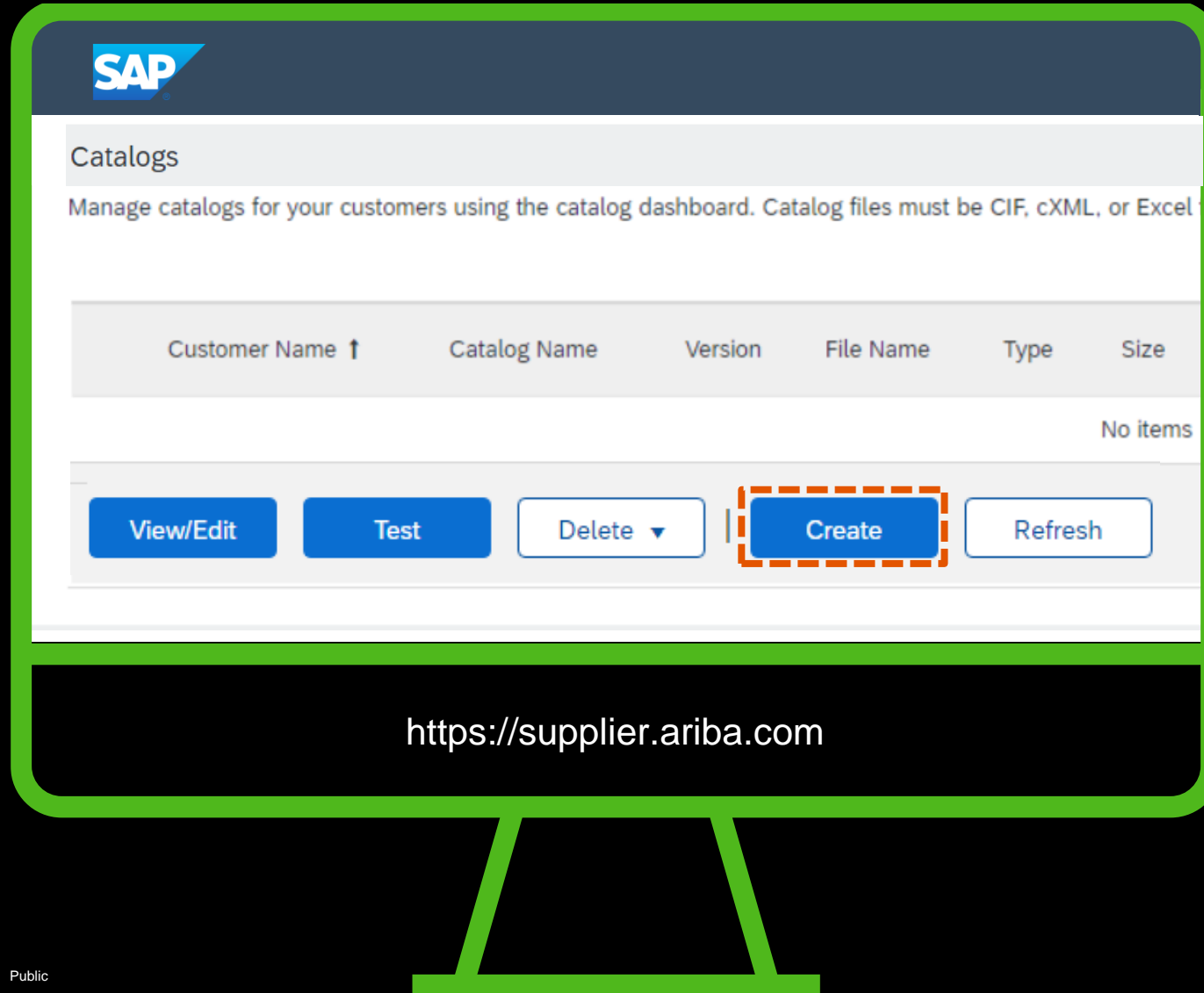
Index



Refresh

2

Click On  
**Create**



# 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

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: ⓘ  Description

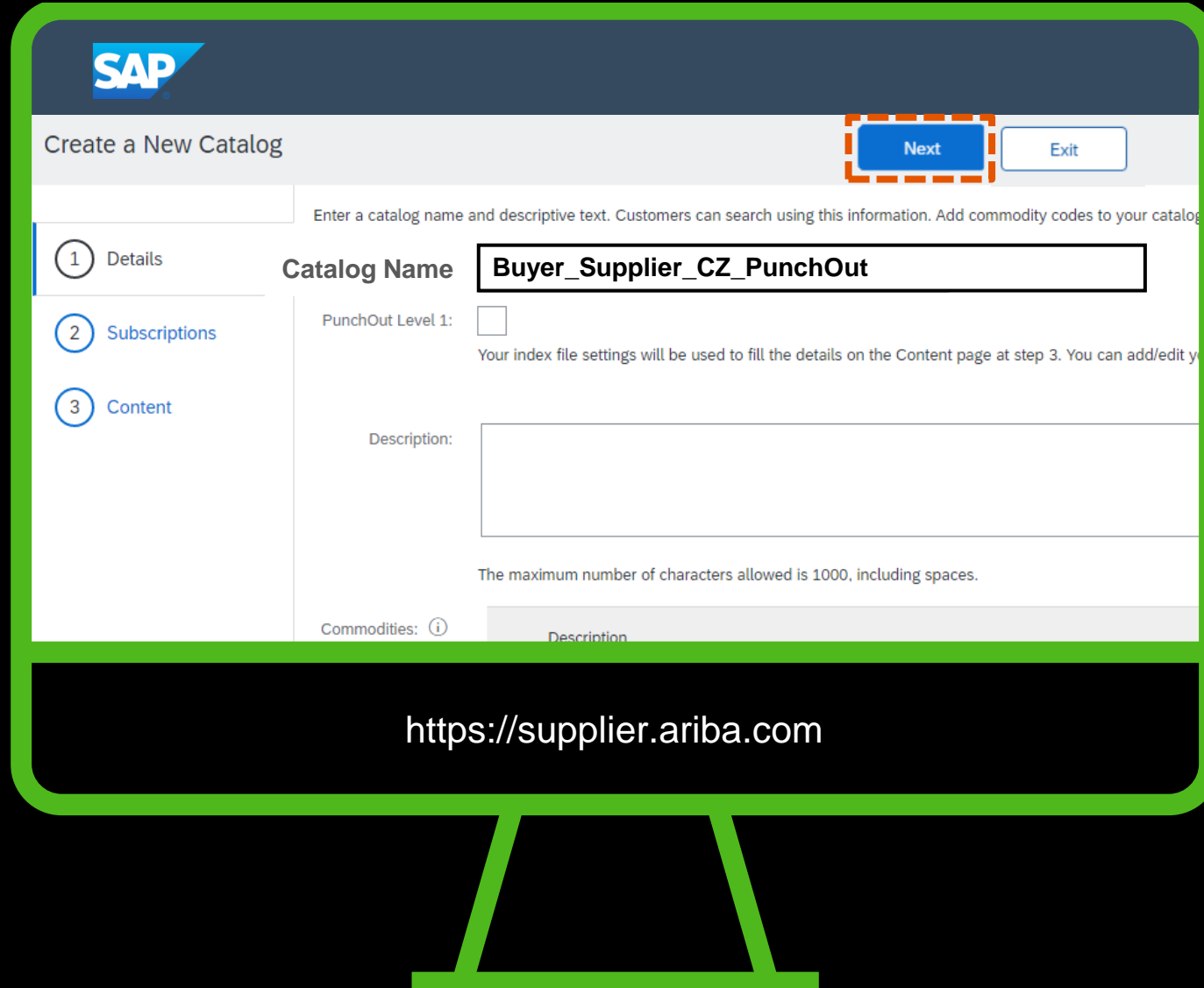
<https://supplier.ariba.com>

# Next



4

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

2 Subscriptions

3 Content

Catalog Name **Buyer\_Supplier\_CZ\_PunchOut**

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: ⓘ

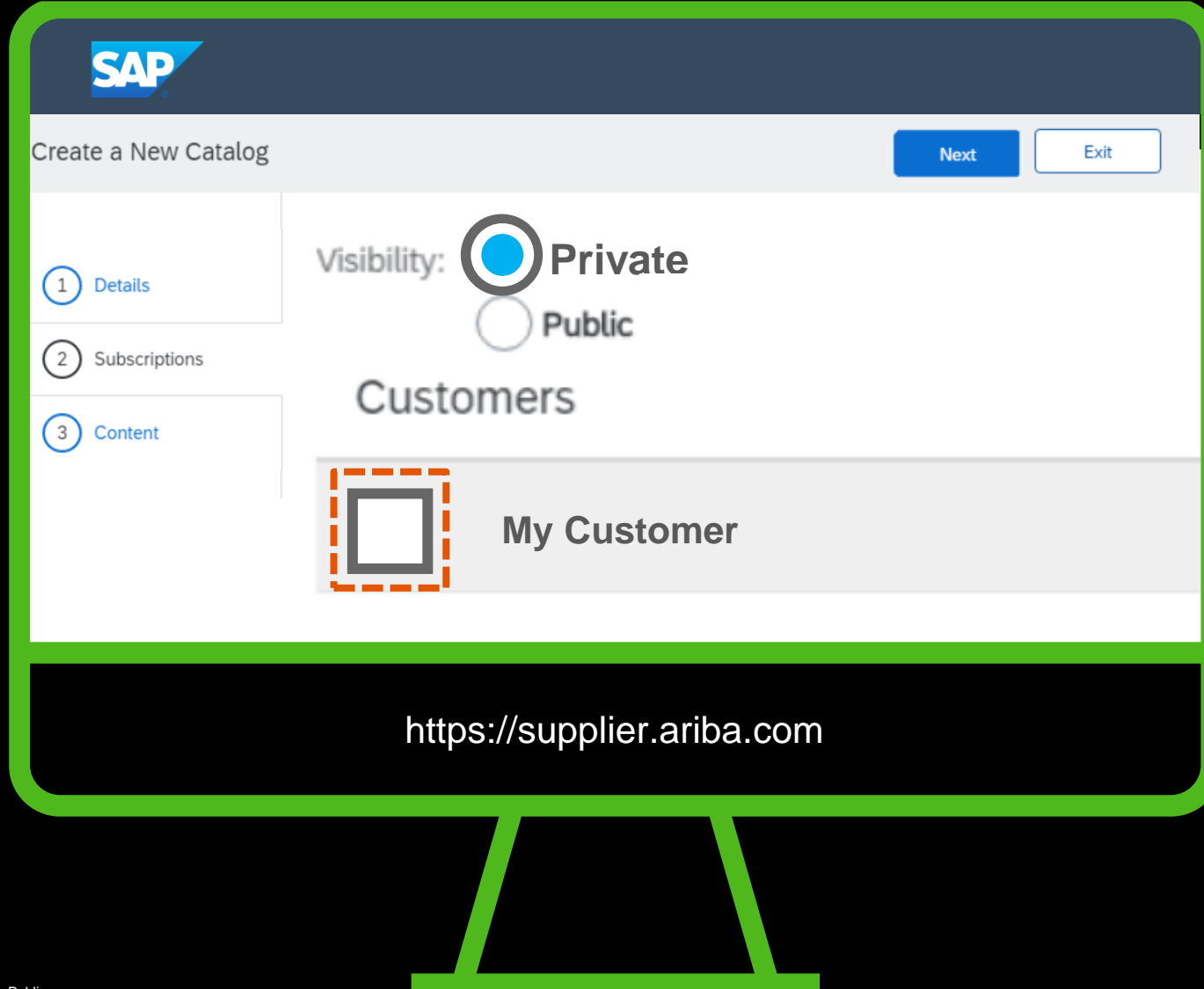
Description

<https://supplier.ariba.com>

# Customer

5

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



SAP

Create a New Catalog Next Exit

1 Details

2 Subscriptions

3 Content

Visibility: ☒ Private ☐ Public

Customers

☒ My Customer

<https://supplier.ariba.com>

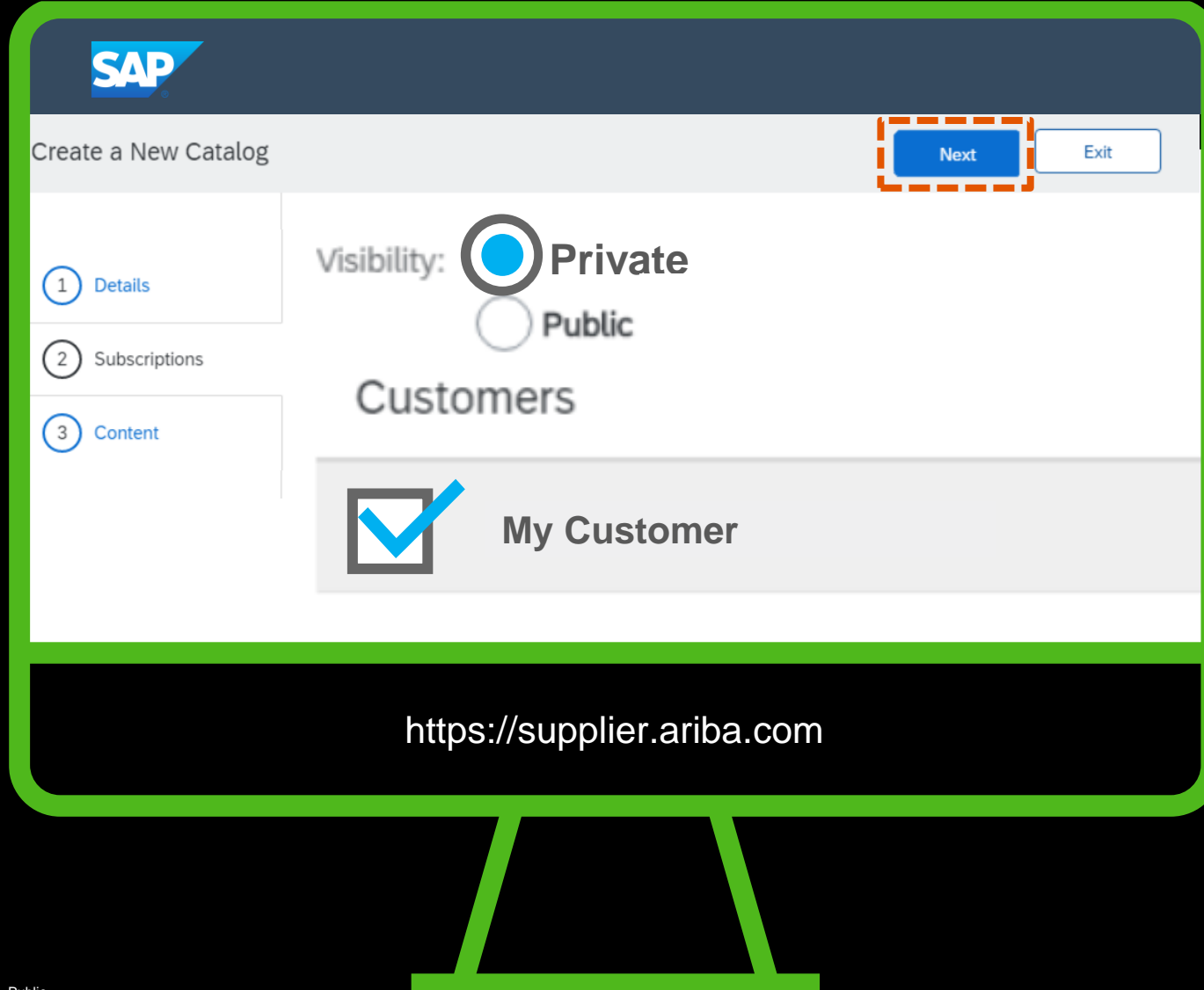


# Next



6

Click **Next**



SAP

Create a New Catalog

Next Exit

1 Details

2 Subscriptions

3 Content

Visibility: ☒ Private ☐ Public

Customers

☒ My Customer

<https://supplier.ariba.com>

# Index Format



7

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 FILE

Choose File

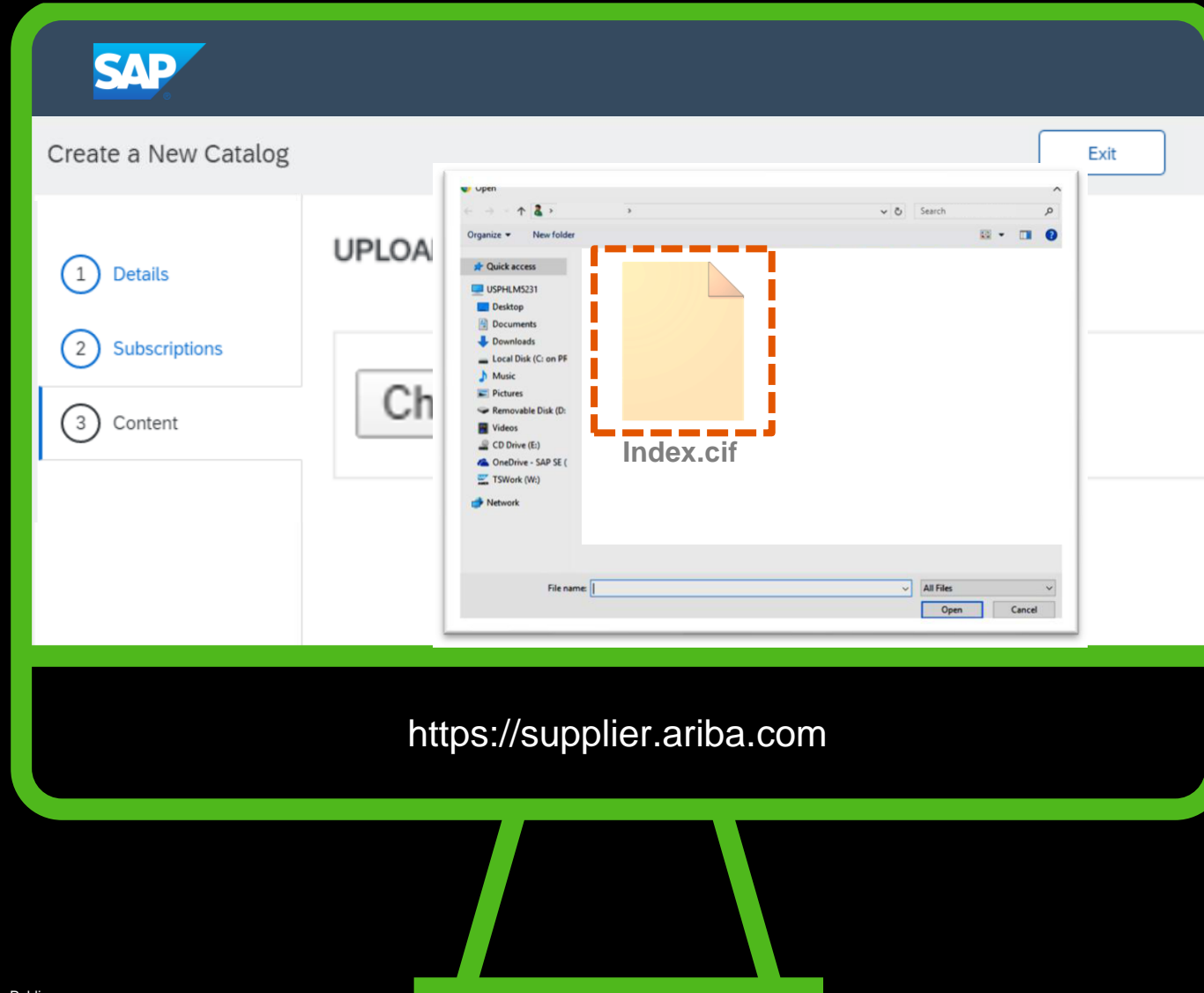
<https://supplier.ariba.com>

# Index Format



8

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



# Index Format



9

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

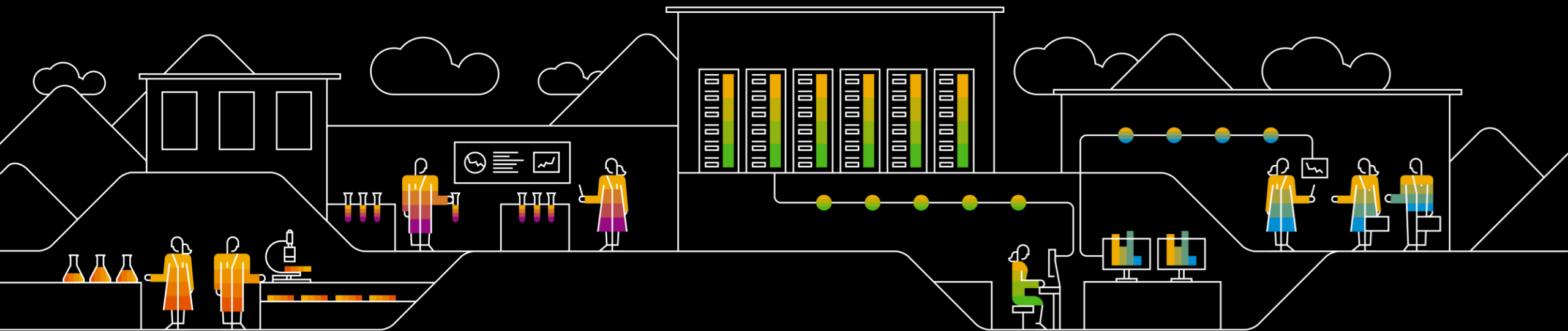
UPLOAD YOUR CATALOG FILE

Choose File Index.cif

**Validate and Publish**

<https://supplier.ariba.com>

# Annex



# POSReq PunchOut Setup Request



Architecture Index

```
<!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>
```

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

```
<SupplierSetup>
<URL>https://Estlega Ltd.com/PunchOutServlet</URL>
</SupplierSetup>
```

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

```
<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>
```

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

```
<Contact><Name>jsmith</Name>
</Contact>
<SelectedItem>
```

```
<ItemID>
<SupplierPartID>PunchOut_000</SupplierPartID>
</ItemID>
```

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

```
</SelectedItem>
</PunchOutSetupRequest>
</Request>
</cXML>
```

# 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>
```



Architecture



Index

**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.



Return to the  
**Purchase  
Simulation**



# 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**

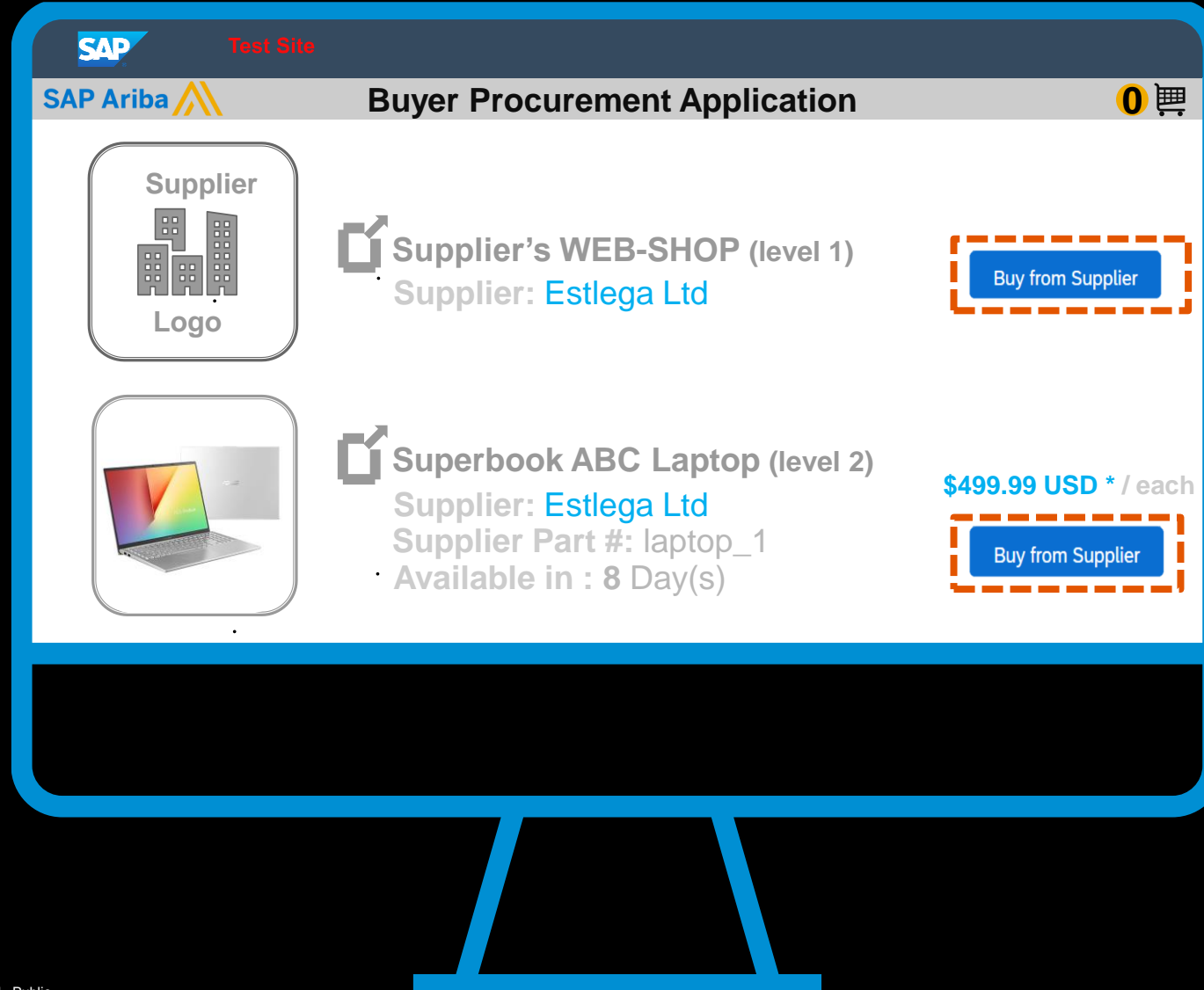
(you can see how to do the upload by click on **Index** (top-right) and clicking the **Index File Upload** section)

# 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**



Notification sent to Supplier stating the index file is Active



Index



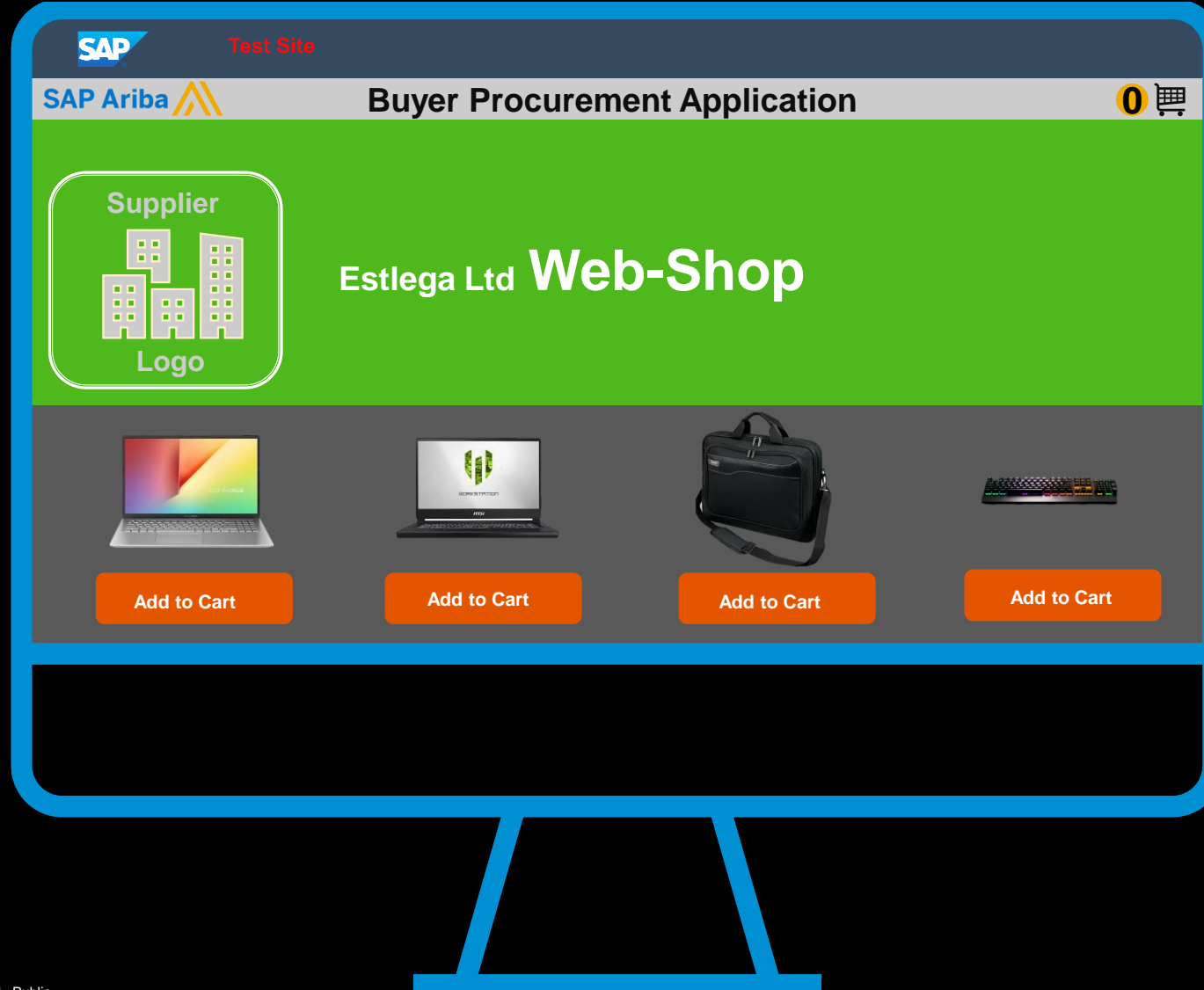
Refresh

# WEBSHOP L1 - Store Level

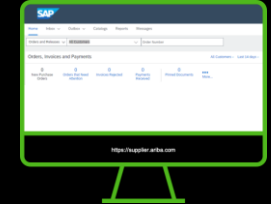
You selected the PunchOut Level 1 (store level). The landing page of **the Supplier's web-shop** is now displayed in **the Buyer's UI**

3

Click on **Add to Cart**



---> **POReq.**



Supplier web-shop receives and sends back cXML Messages

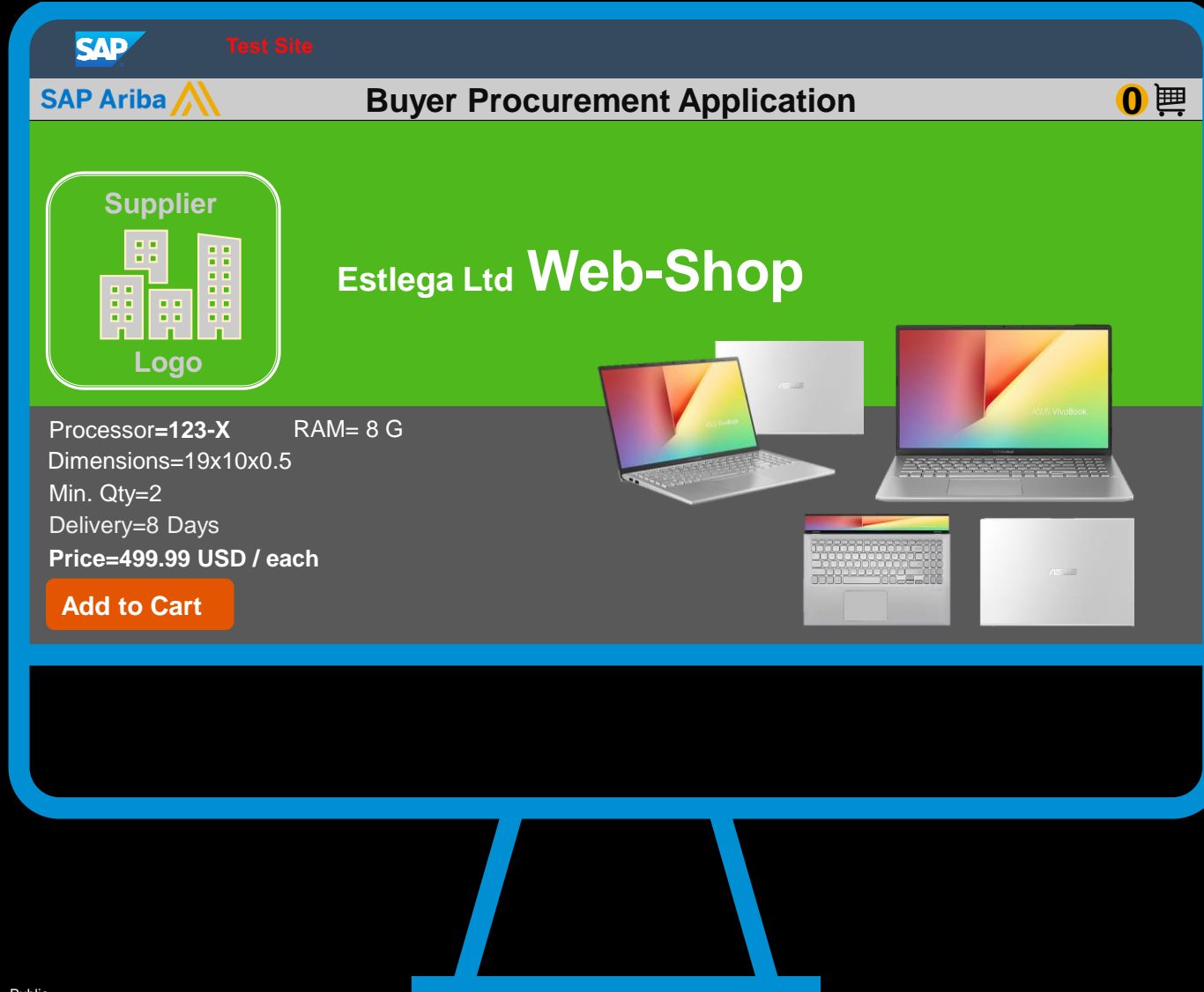
←-- **POResp.**

# 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**

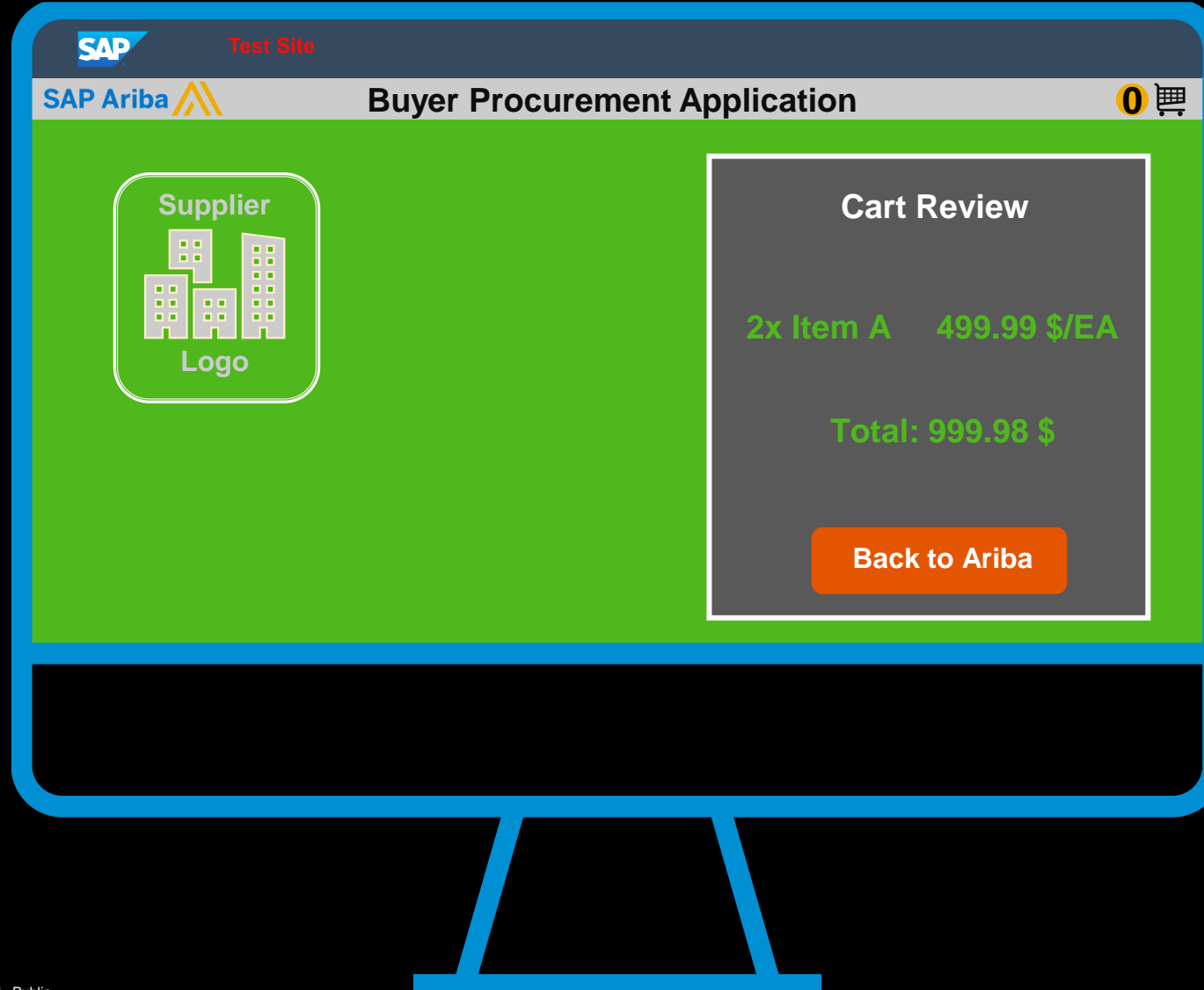


# Webshop Basket

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**

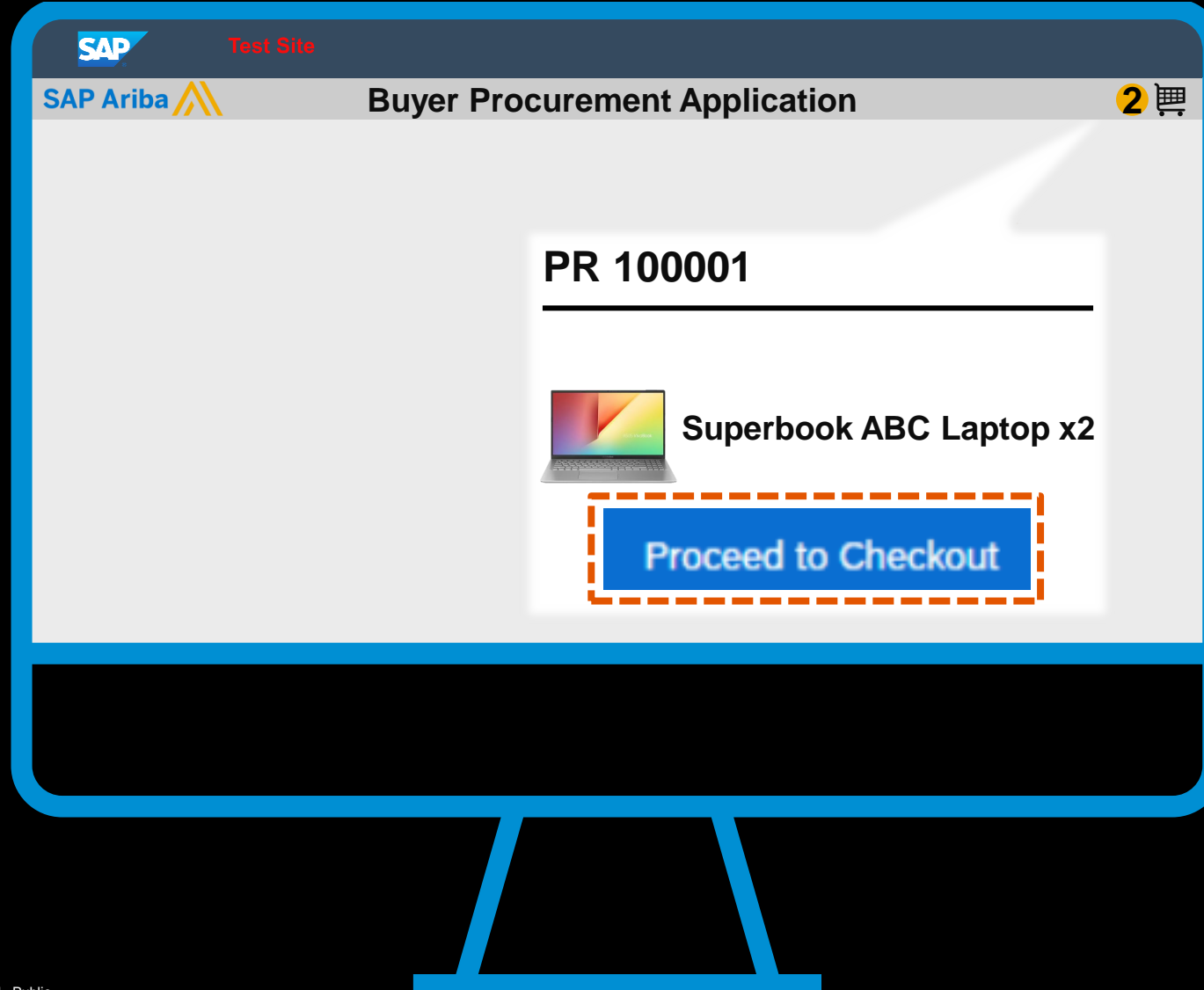


# Checkout

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

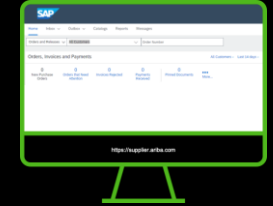
Click on **Proceed to Checkout**



Index



Refresh



Supplier web-shop sends back a cXML Message



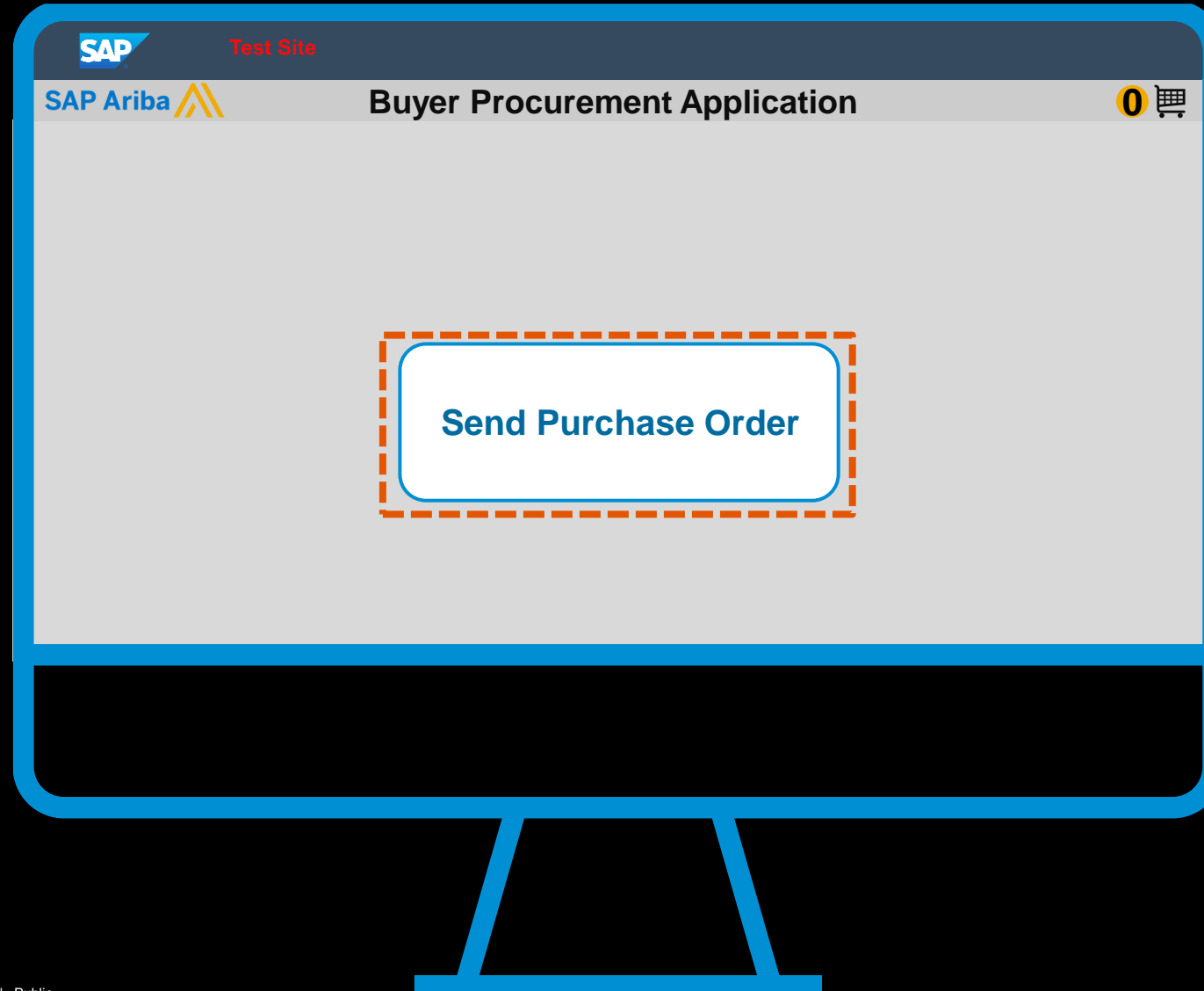
POOM

# 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**