SAP Ariba

PunchOut Catalog Guide for **Suppliers**

SAP Run Simple

INDEX

Introduction and Types

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

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- Main Prerequisites for Punchout Suppliers
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- How to set up my Ariba Network account ?

Index File

- How to fill in my Index File ?
- How to upload my 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

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.

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

Index

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.
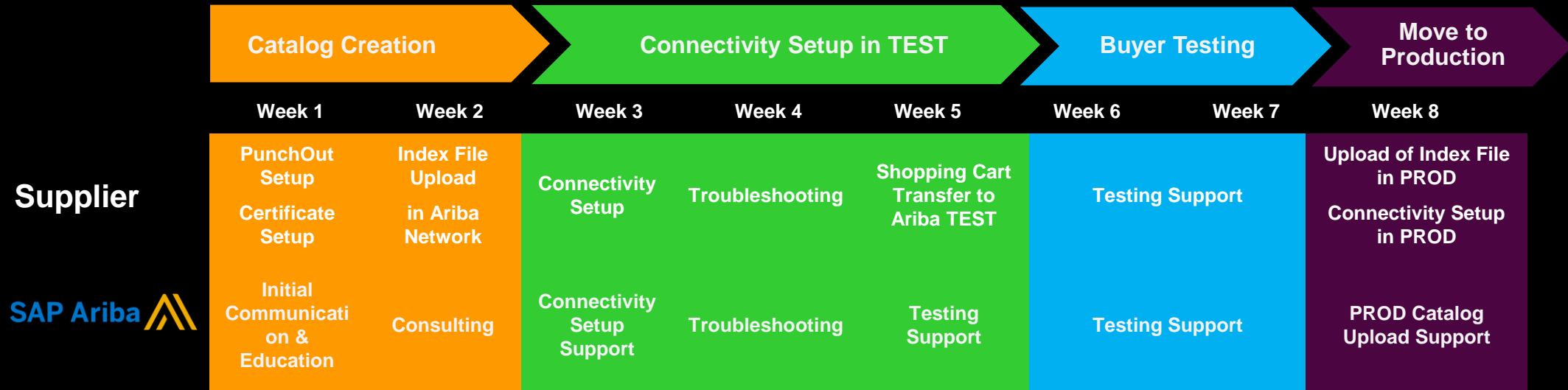
Commodity Codes Required for Items

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.

Web-shop Configuration

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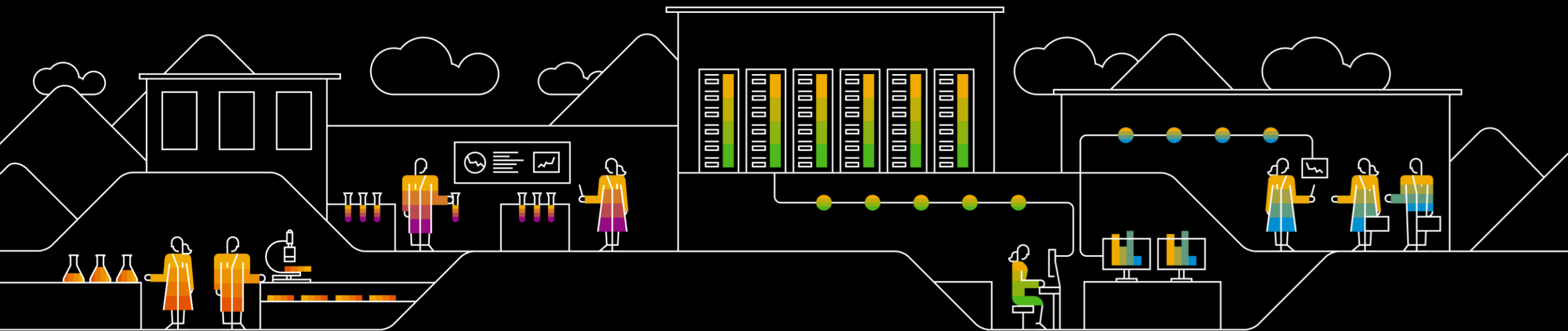
Consult cXML Documentation

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.
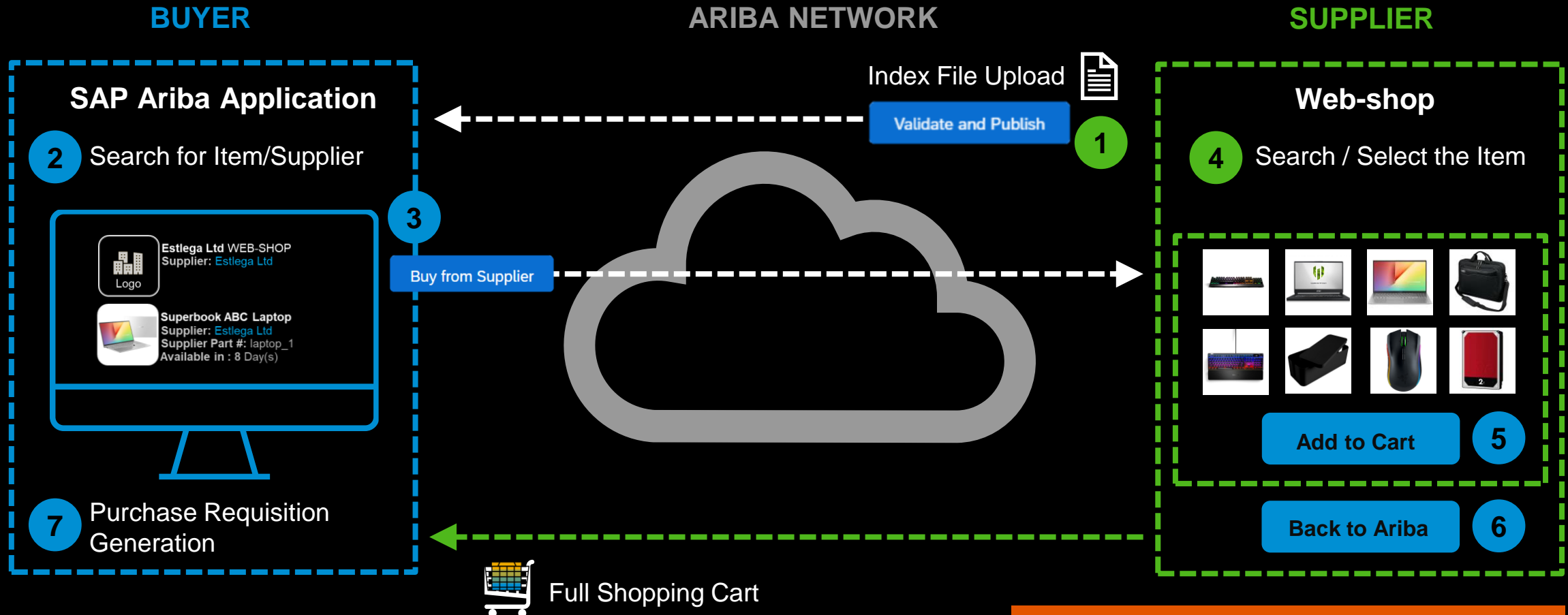
Security

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.

Project Timelines

Index

	Catalog Creation		Connectivity Setup in TEST			Buyer Testing		Move to Production
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Supplier	PunchOut Setup

Certificate Setup | Index File Upload

in Ariba Network | Connectivity Setup | Troubleshooting | Shopping Cart Transfer to Ariba TEST | Testing Support | | Upload of Index File in PROD

Connectivity Setup in PROD |
| SAP Ariba | Initial Communication & Education | Consulting | Connectivity Setup Support | Troubleshooting | Testing Support | Testing Support | | PROD Catalog Upload Support |

System Architecture

Process Architecture: Functional and Purchase Operations

Index

BUYER　　　　　**ARIBA NETWORK**　　　　　**SUPPLIER**

Index File Upload

SAP Ariba Application

Validate and Publish — 1

2 Search for Item/Supplier

Web-shop

4 Search / Select the Item

3

Estlega Ltd WEB-SHOP
Supplier: Estlega Ltd
Logo

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

Buy from Supplier

Add to Cart — 5

7 Purchase Requisition Generation

Back to Ariba — 6

Full Shopping Cart

Click here for AN Configuration Simulation

Click here for UPLOAD Simulation

Click here for PURCHASE Simulation

cXML Message Flow
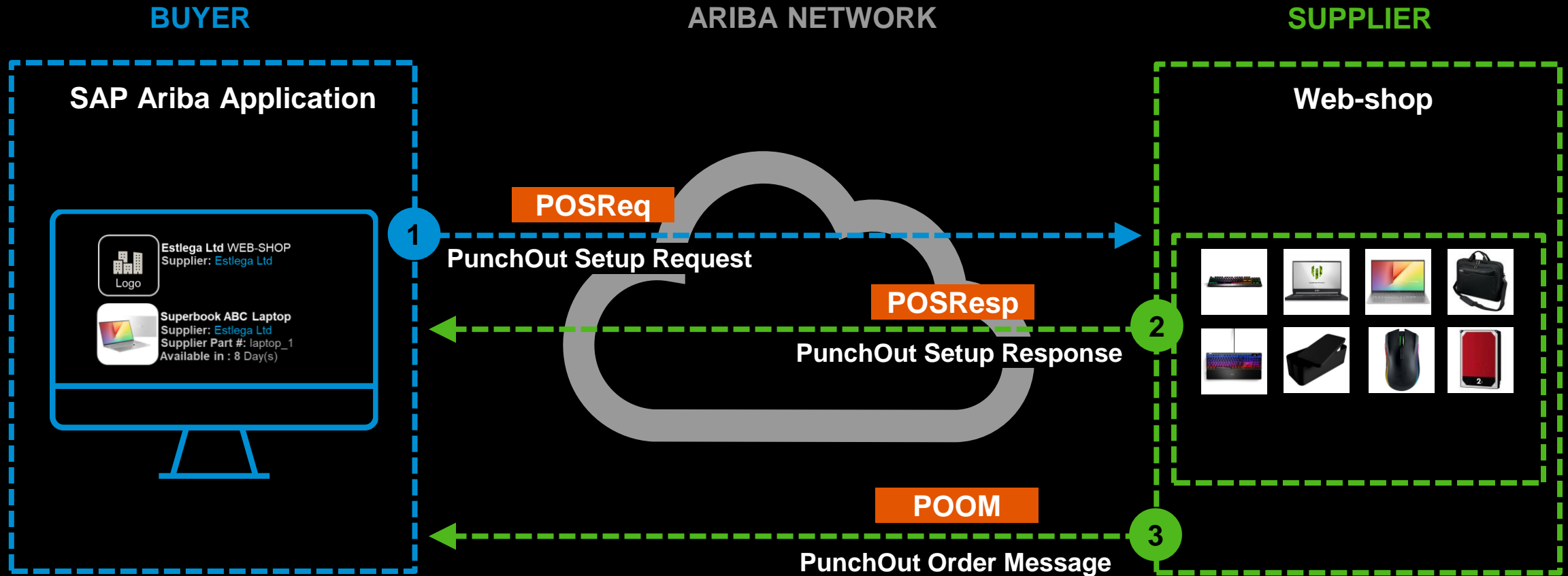
BUYER

ARIBA NETWORK

SUPPLIER

SAP Ariba Application

Estlega Ltd WEB-SHOP
Supplier: Estlega Ltd

Logo

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

Web-shop

POSReq

1

PunchOut Setup Request

POSResp

2

PunchOut Setup Response

POOM

3

PunchOut Order Message

Click here for AN Configuration Simulation

Click here for UPLOAD Simulation

Click here for PURCHASE Simulation
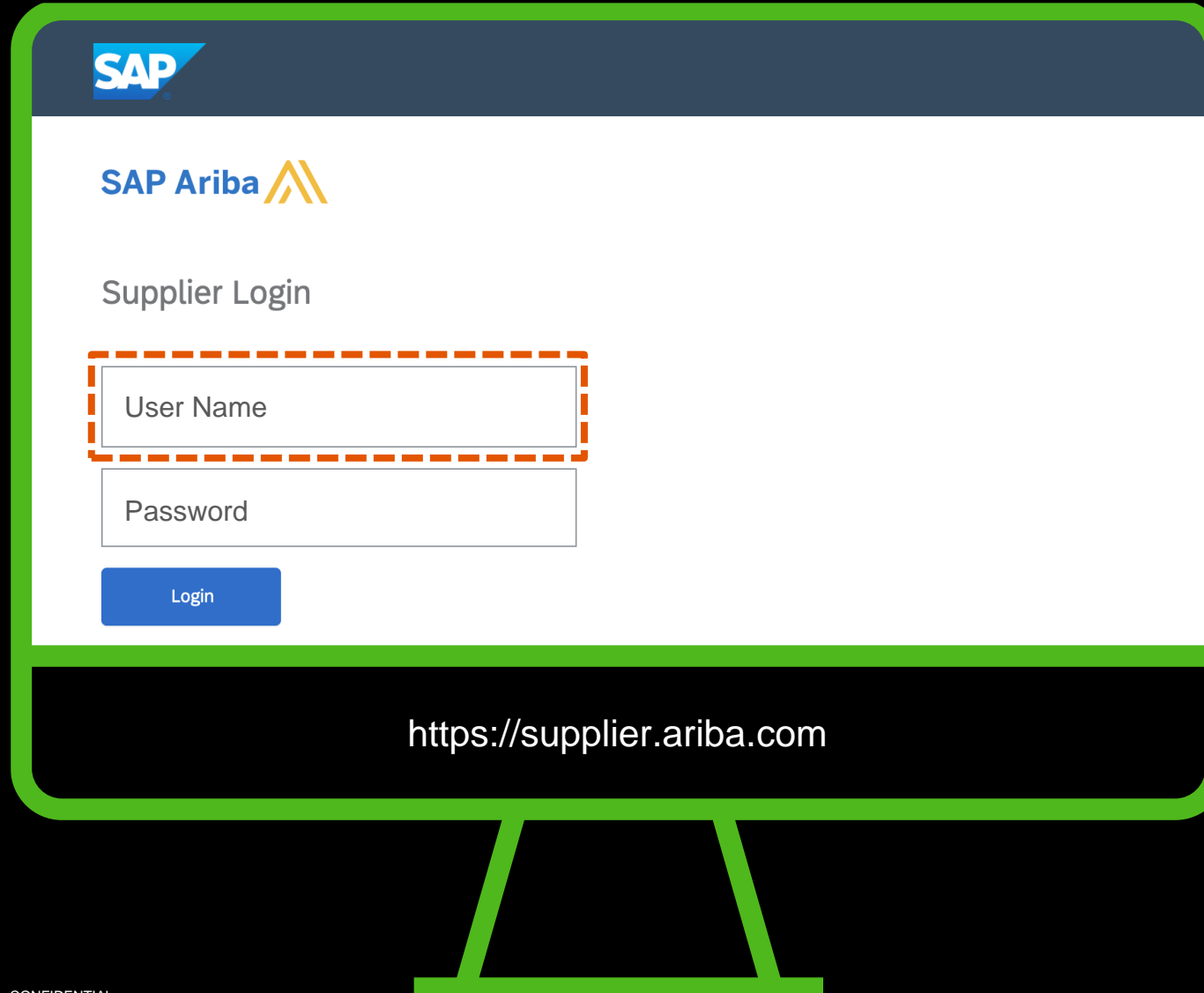
Ariba Network Account Configuration

Ariba Supplier Portal

1

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

SAP

SAP Ariba

Supplier Login

User Name

Password

Login

https://supplier.ariba.com

Log in

Index

Refresh

②

Click on Login

SAP

SAP Ariba /\\\

Supplier Login

Estlega Ltd

●●●●●●●●●●●●

Login

https://supplier.ariba.com

Landing AN Page

3

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

SAP

| Home | Workbench | Orders ⌄ | Fulfillment ⌄ | Invoices ⌄ | Payments ⌄ | Catalogs | Reports ⌄ | Messages |

| Orders and Releases ⌄ | All customers ⌄ | Exact match ⌄ | Order number | 🔍 |

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https://supplier.ariba.com
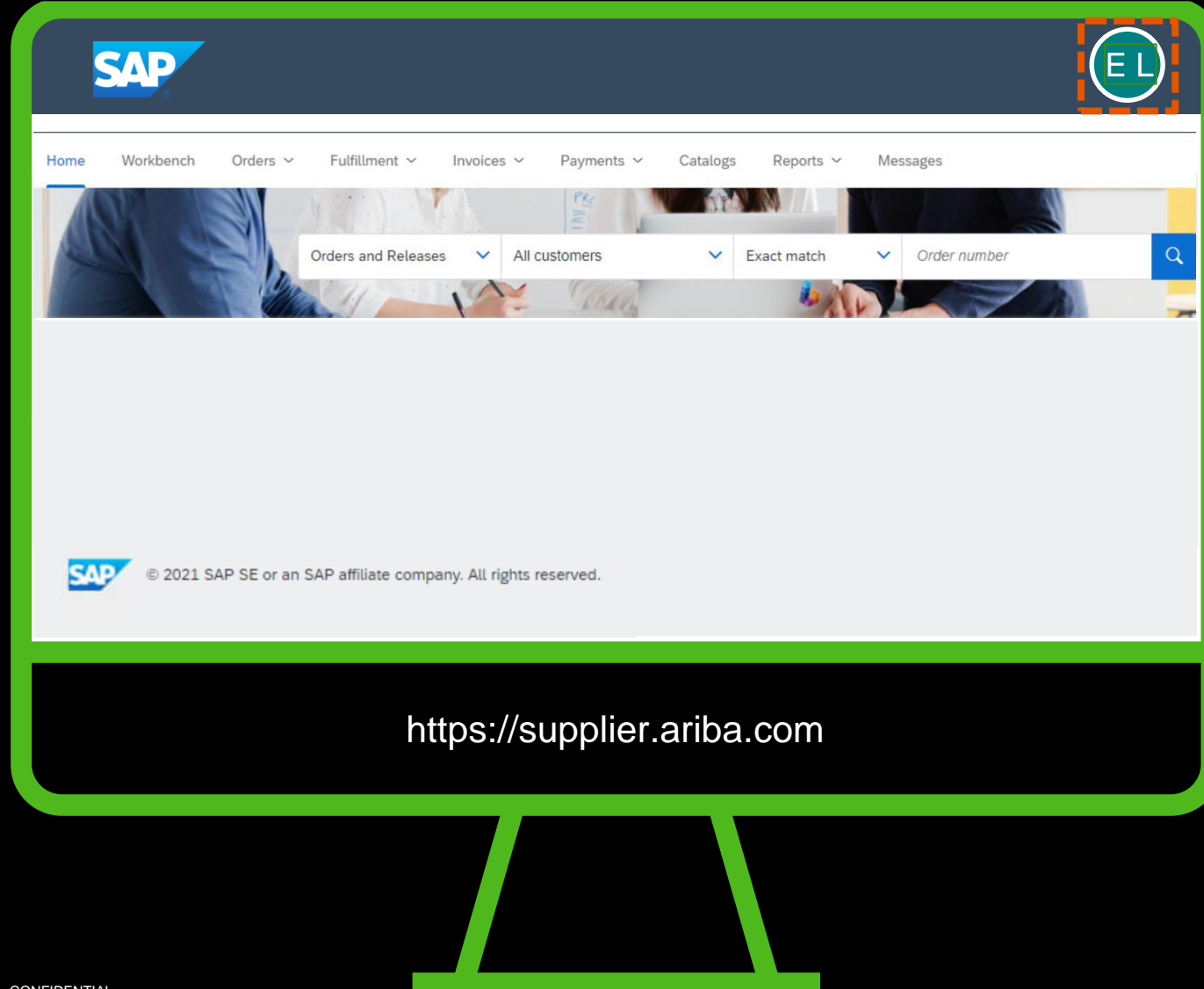
Settings

4

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

My Account
Link User IDs
Contact Administrator
Estlega Ltd AN22222222222-T
Company Profile
Settings >
Logout

https://supplier.ariba.com
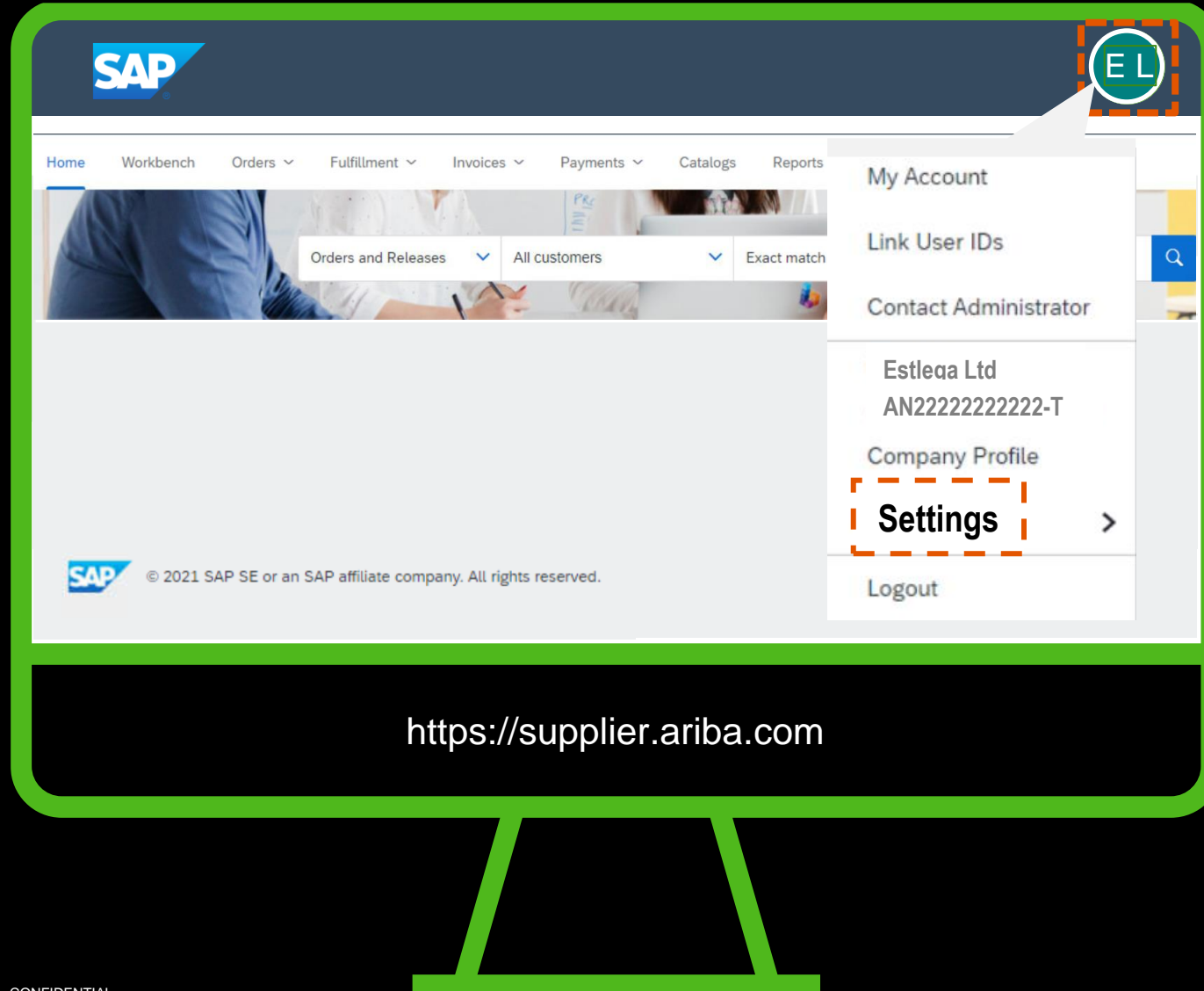
Settings

5

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

https://supplier.ariba.com
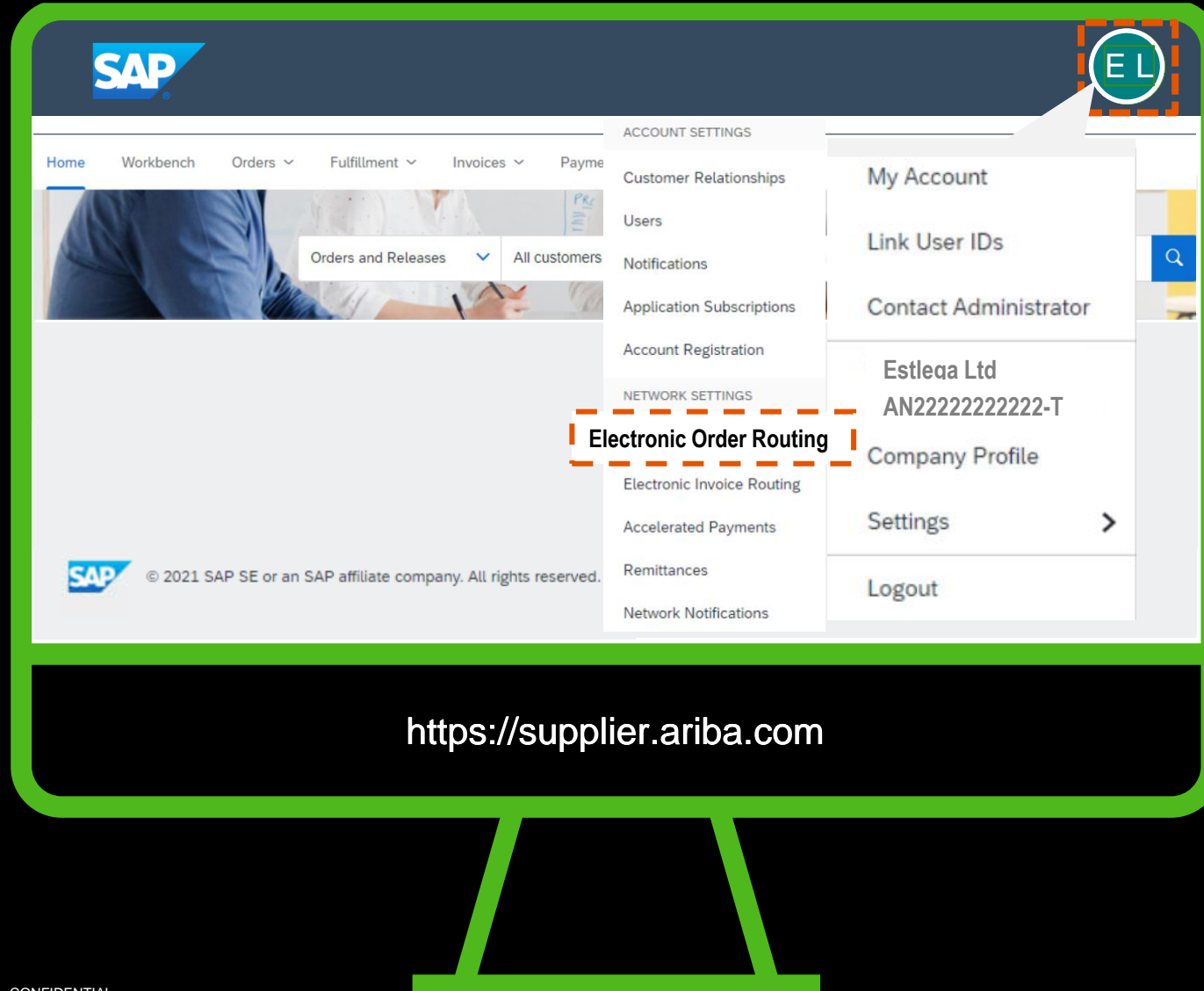
Electronic Order Routing

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
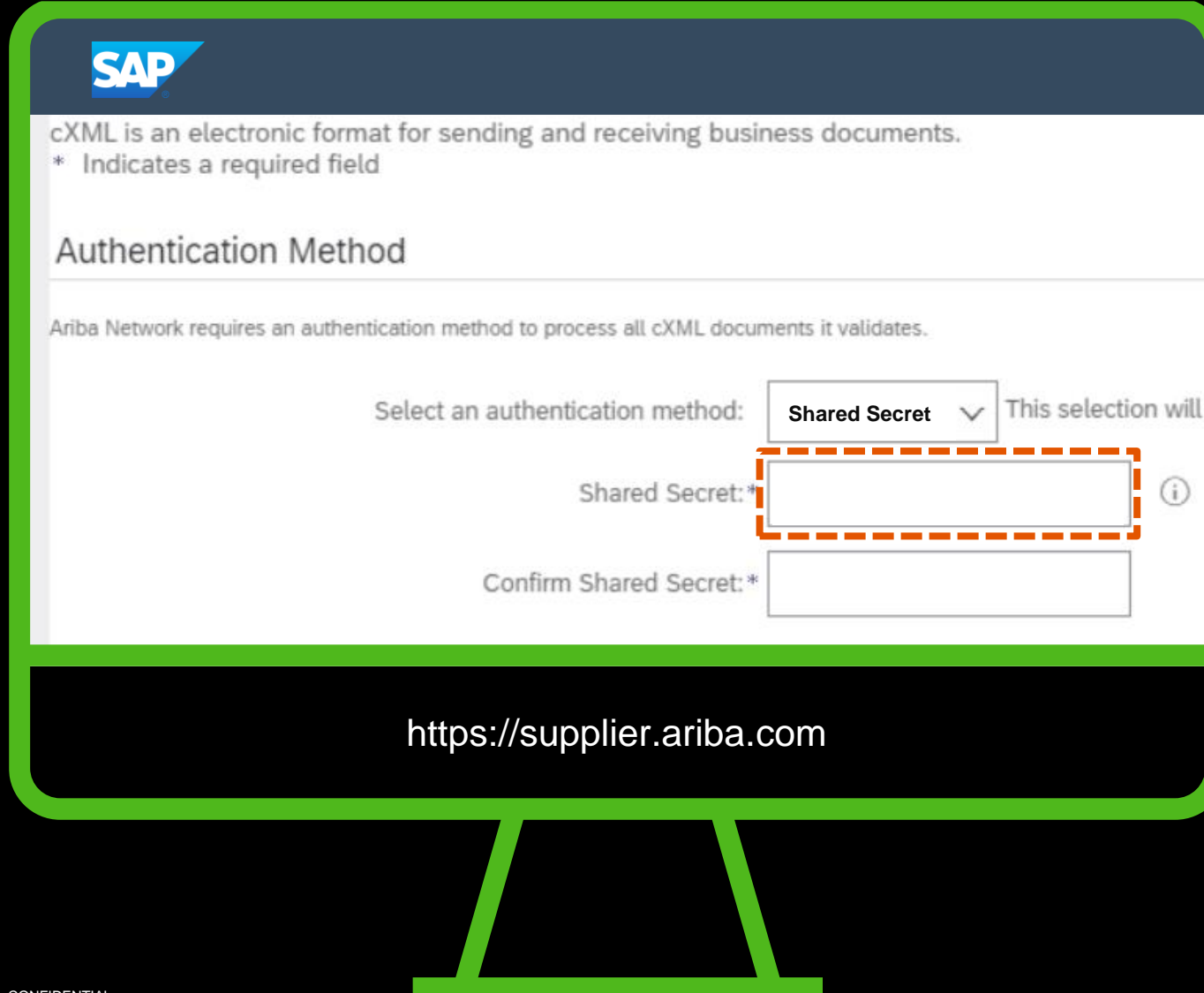
Authentication

7

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

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

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:* [   ] ⓘ
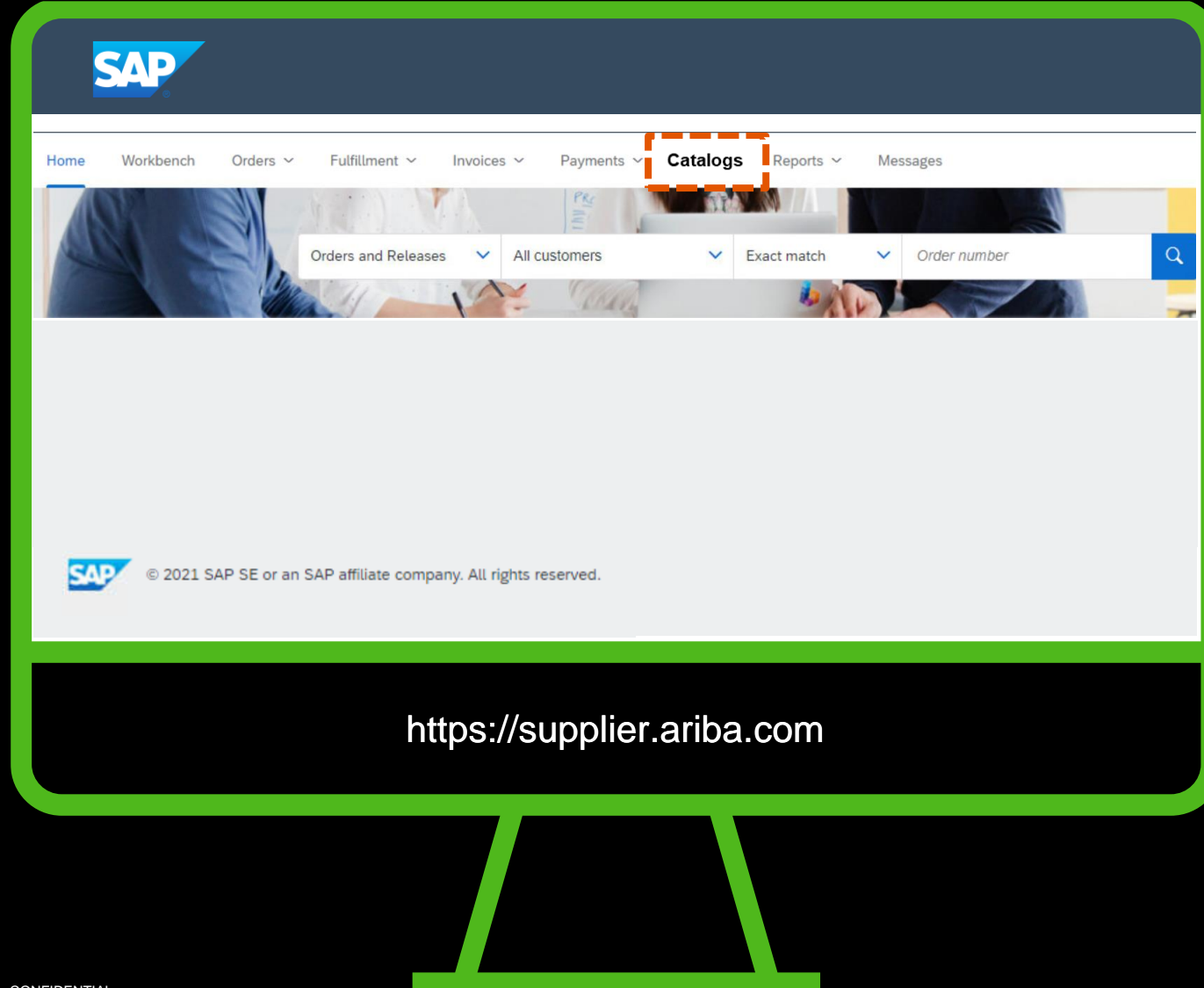
Confirm Shared Secret:* [   ]

https://supplier.ariba.com

Shared Secret

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

Index

Refresh

9

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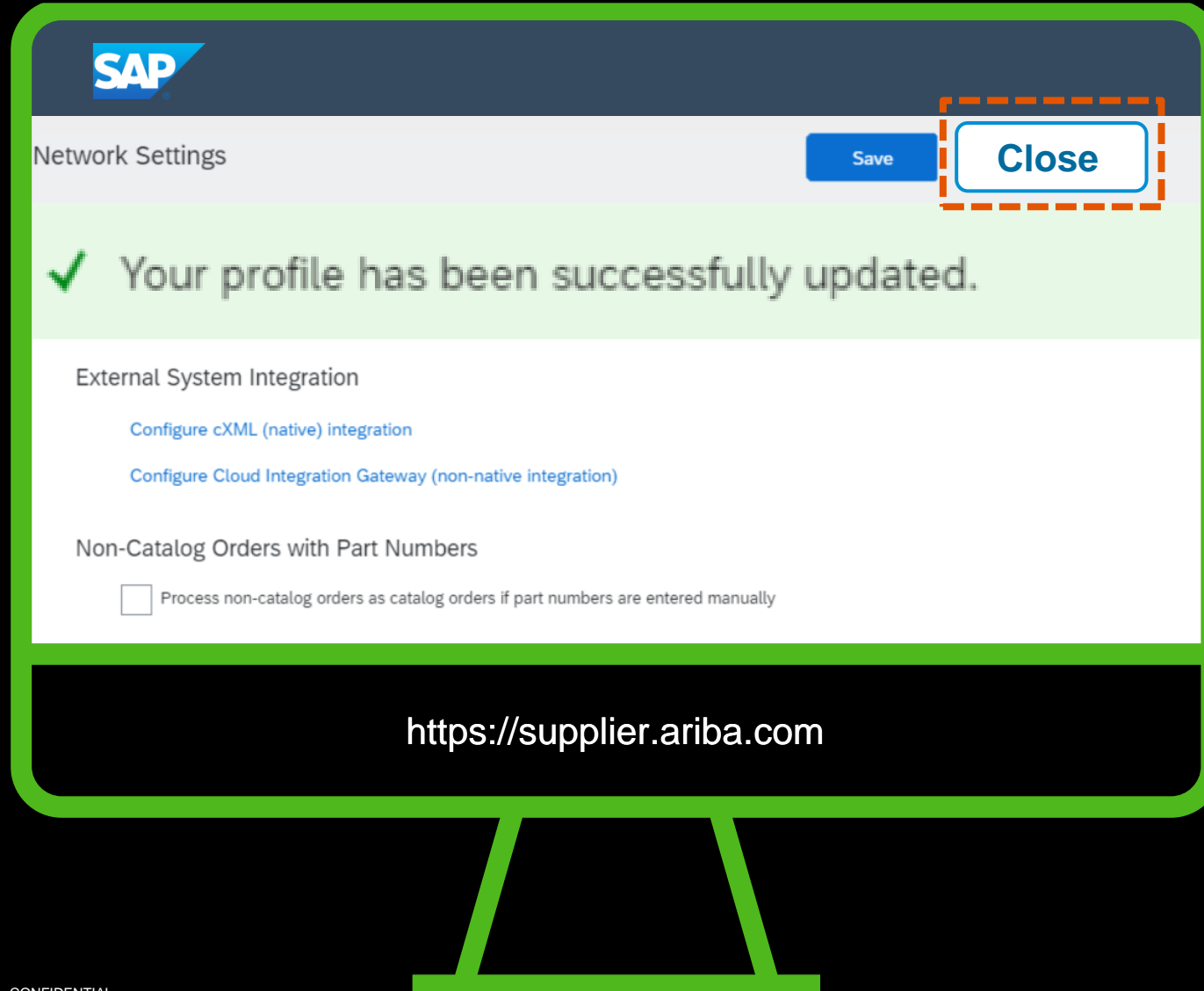
Main Page

10

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

https://supplier.ariba.com

Catalog Page

11

Click on **PunchOut Configuration** Tab

Catalogs

Files | PunchOut Configuration

Manage your PunchOut configurations for all your customers or specific customers.   Add

Level 1 Index File Settings   Add

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https://supplier.ariba.com
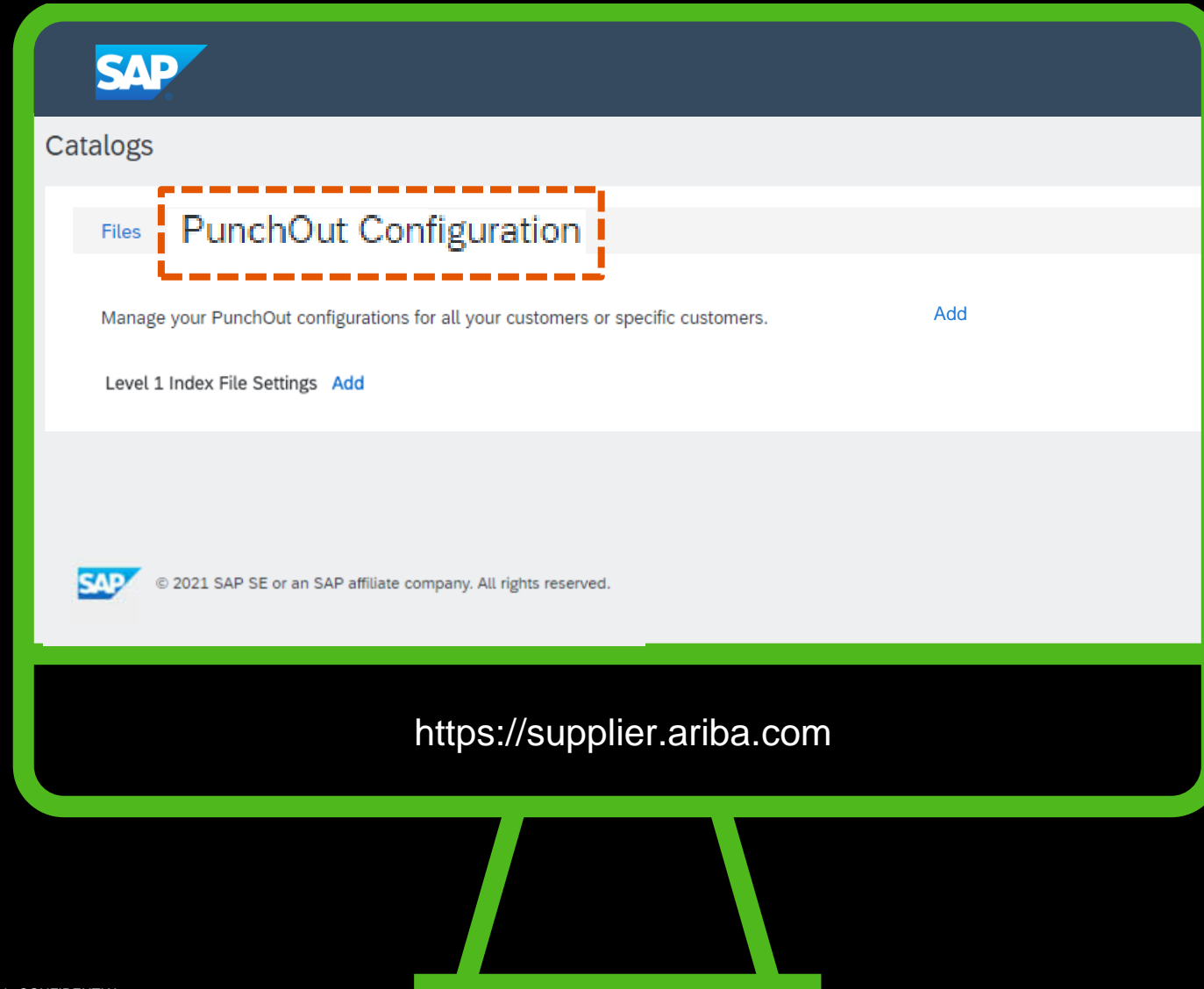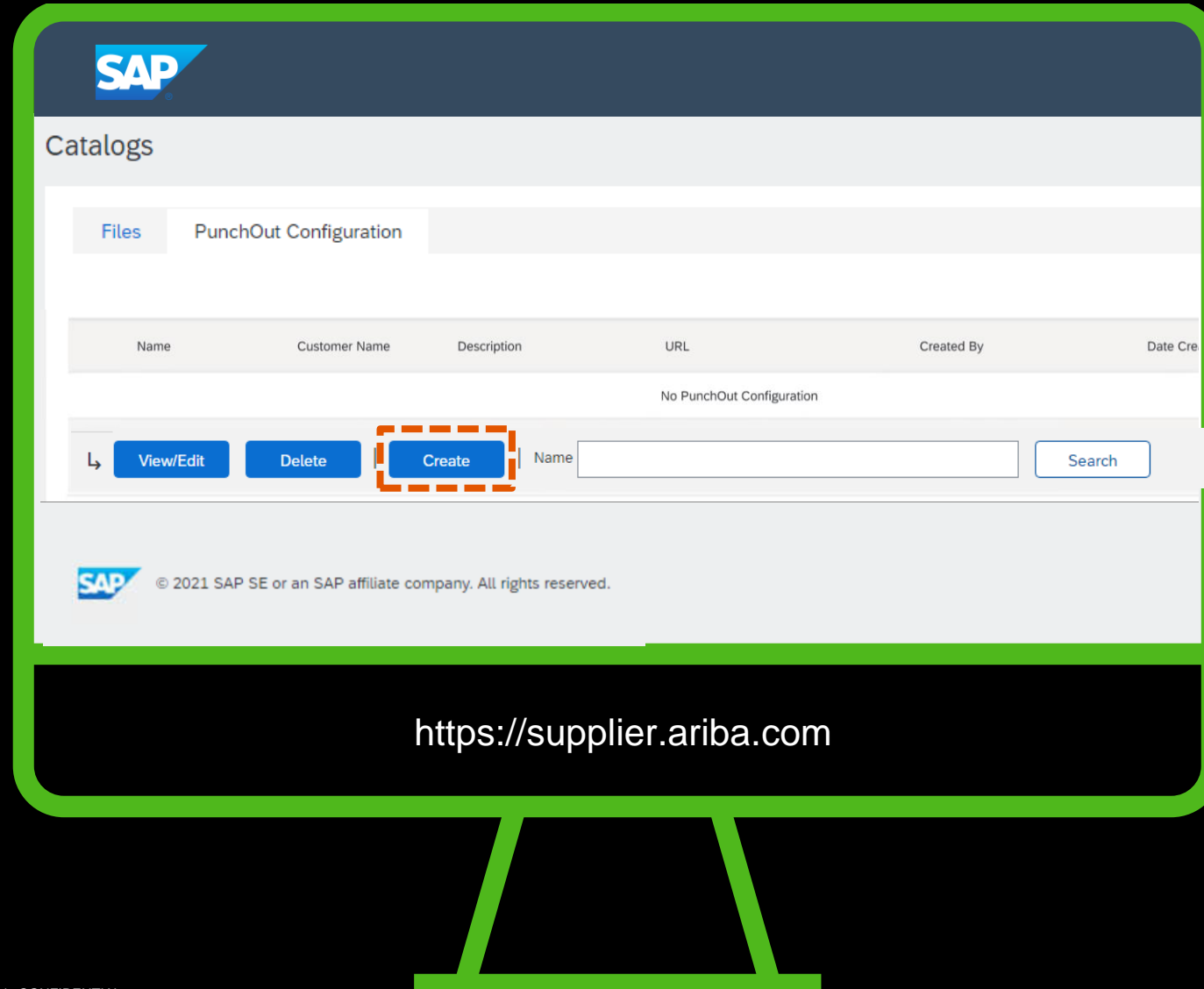
PunchOut Configuration

11

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

Catalogs

Files	PunchOut Configuration

Name	Customer Name	Description	URL	Created By	Date Cre

No PunchOut Configuration
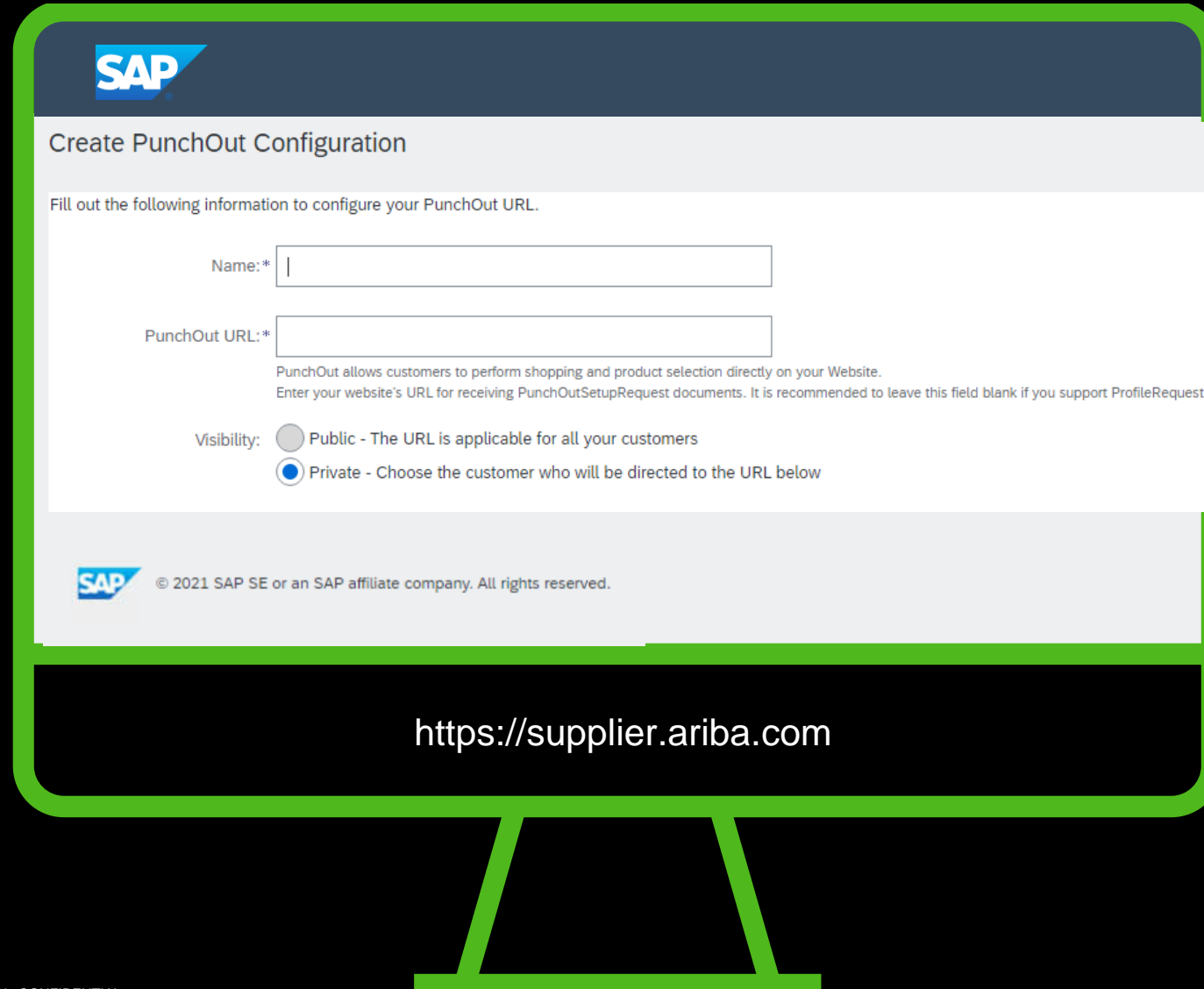
[View/Edit] [Delete] [Create] | Name [_____] [Search]

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PunchOut Configuration – Name and PunchOut URL

12

Provide a **Name** and a **PunchOut URL** for the new Configuration

(Web-shop's URL)

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

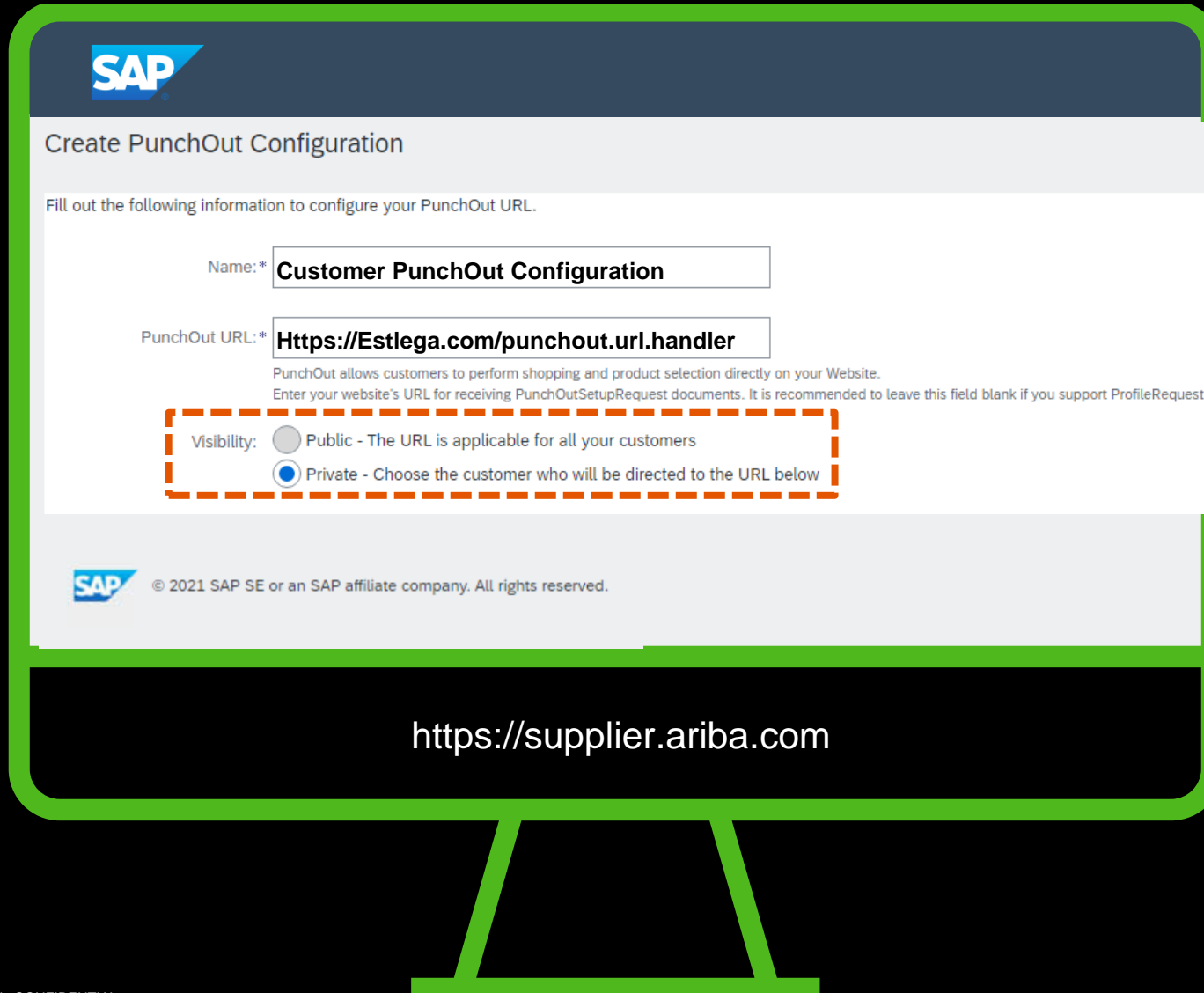© 2021 SAP SE or an SAP affiliate company. All rights reserved.

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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
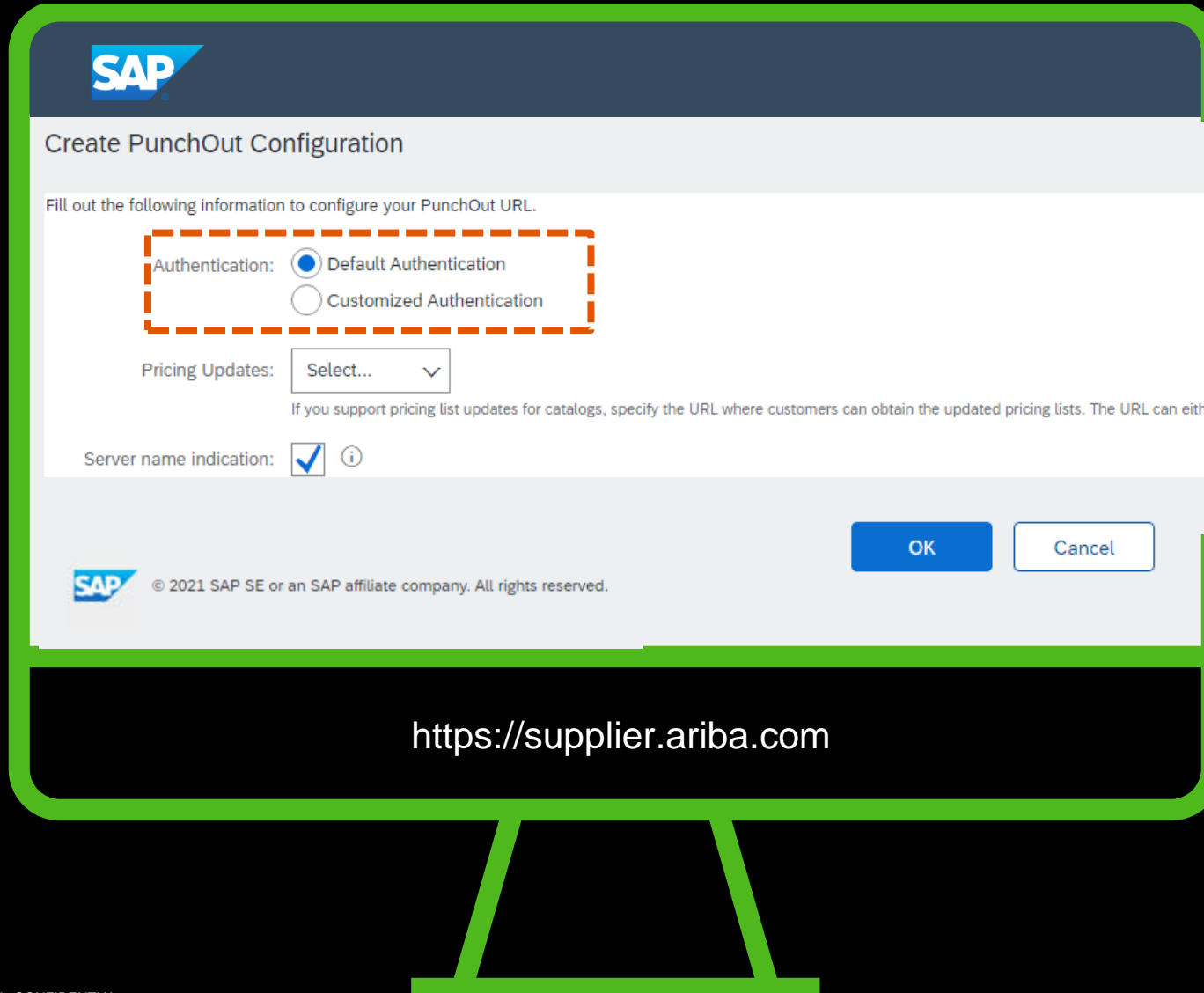
Create PunchOut Configuration

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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PunchOut Configuration - Default Authentication

14

Select **Default Authentication**

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

Create PunchOut Configuration

Fill out the following information to configure your PunchOut URL.

Authentication: ● Default Authentication
○ Customized Authentication

Pricing Updates: Select...

If you support pricing list updates for catalogs, specify the URL where customers can obtain the updated pricing lists. The URL can eith

Server name indication: ✔ ⓘ

OK   Cancel

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PunchOut Configuration - Customized Authentication

15

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

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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:* [   ]

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PunchOut Configuration – Pricing Updates

16

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

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Note:

Pricing update option is related to PunchOut Level 2 catalogs
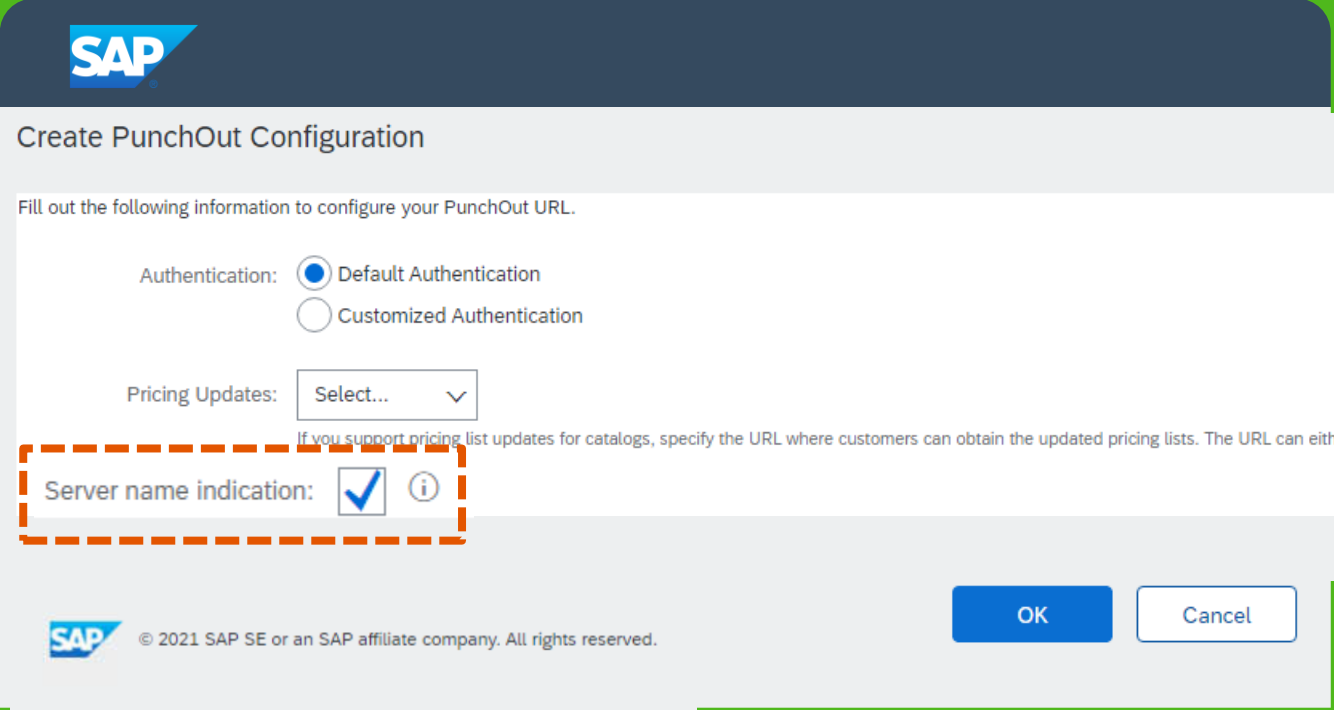
PunchOut Configuration – SNI

17

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

Create PunchOut Configuration

Fill out the following information to configure your PunchOut URL.

Authentication: ◉ Default Authentication
◯ Customized Authentication

Pricing Updates: [Select... ▾]

If you support pricing list updates for catalogs, specify the URL where customers can obtain the updated pricing lists. The URL can eith

Server name indication: ☑ ⓘ

[OK] [Cancel]

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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

Create PunchOut Configuration

Fill out the following information to configure your PunchOut URL.

Authentication: ● Default Authentication
                  ○ Customized Authentication

Pricing Updates: Select... ∨

If you support pricing list updates for catalogs, specify the URL where customers can obtain the updated pricing lists. The URL can eith

Server name indication: ☑ ⓘ

OK   Cancel

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Preparing and Loading the Index File
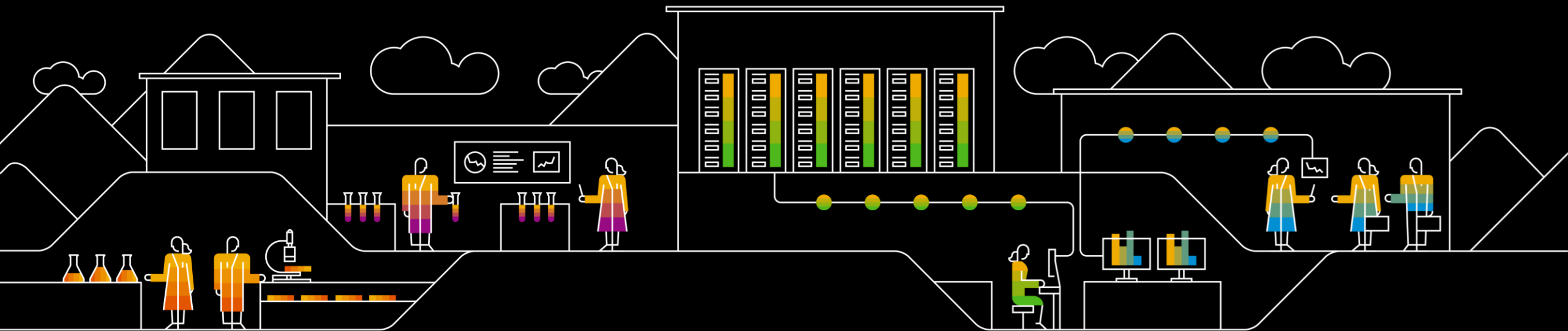
Option 1
Creation of a **PunchOut Level 1 Index File Template** on SAP Business Network

Main Page

1

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

SAP

Home | Workbench | Orders ˅ | Fulfillment ˅ | Invoices ˅ | Payments ˅ | **Catalogs** | Reports ˅ | Messages

| Orders and Releases ˅ | All customers ˅ | Exact match ˅ | Order number | 🔍 |

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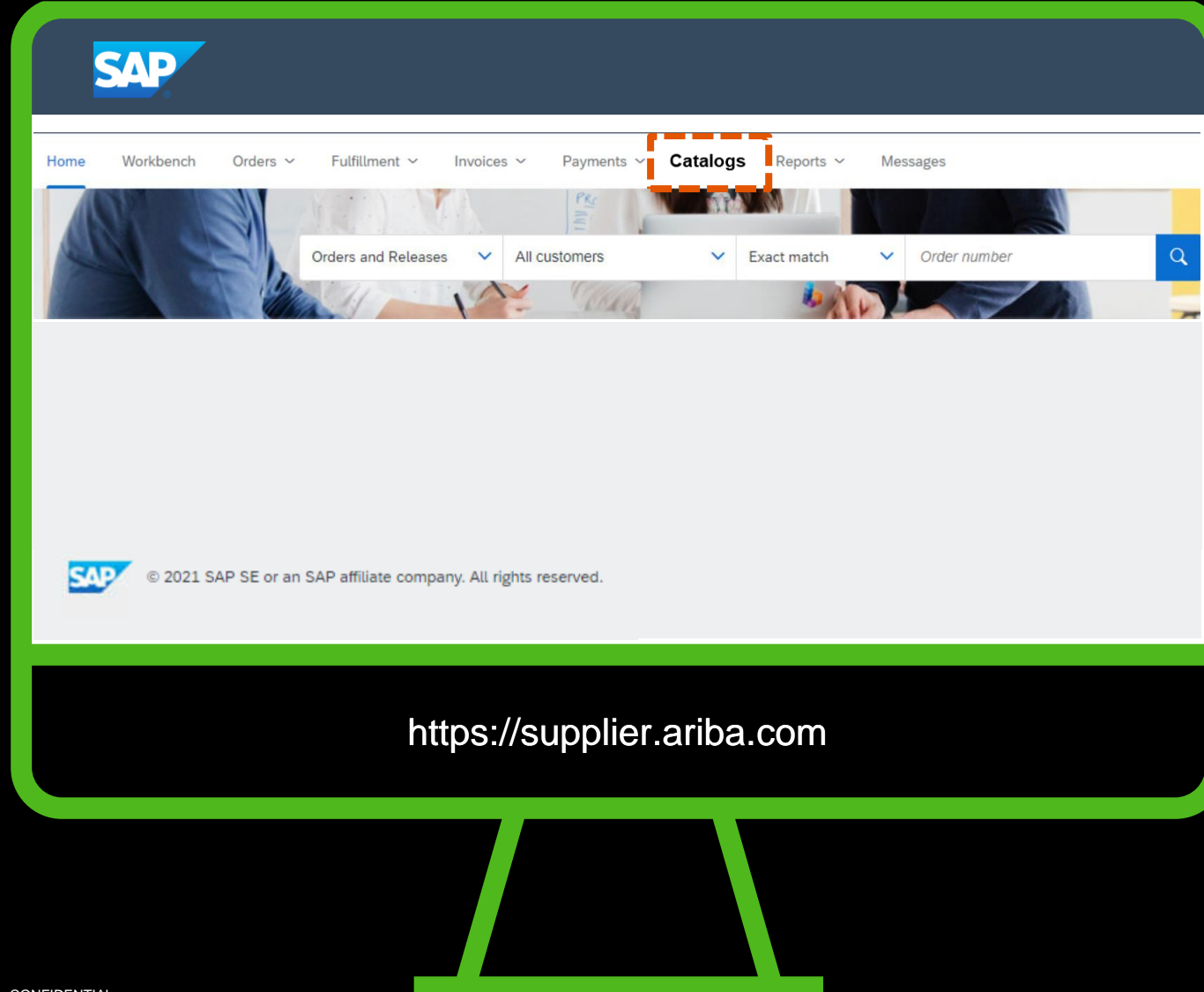
Catalog Page

2

Click on **PunchOut Configuration** Tab

https://supplier.ariba.com

34
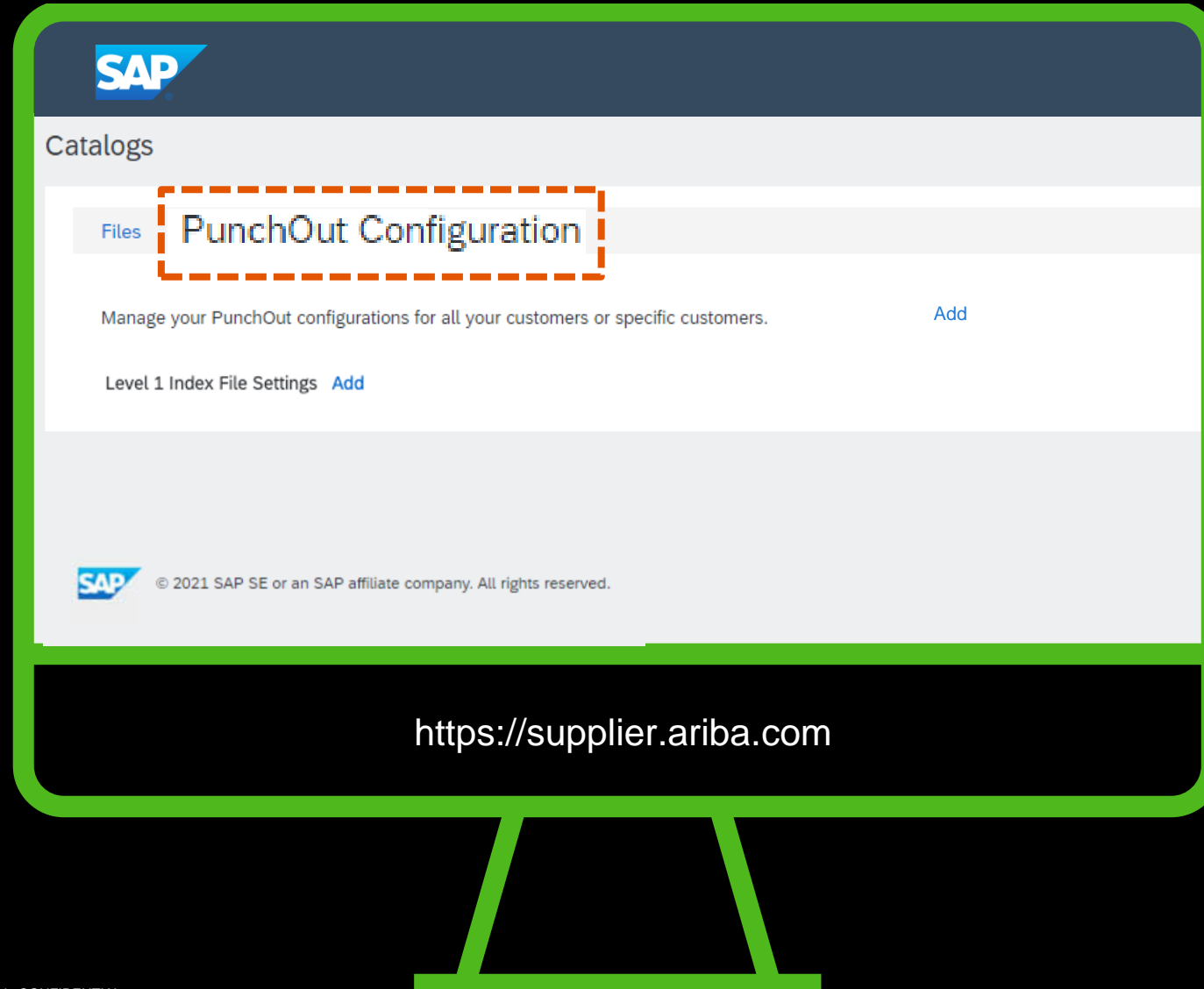
PunchOut Configuration – Index File Settings

Index

3
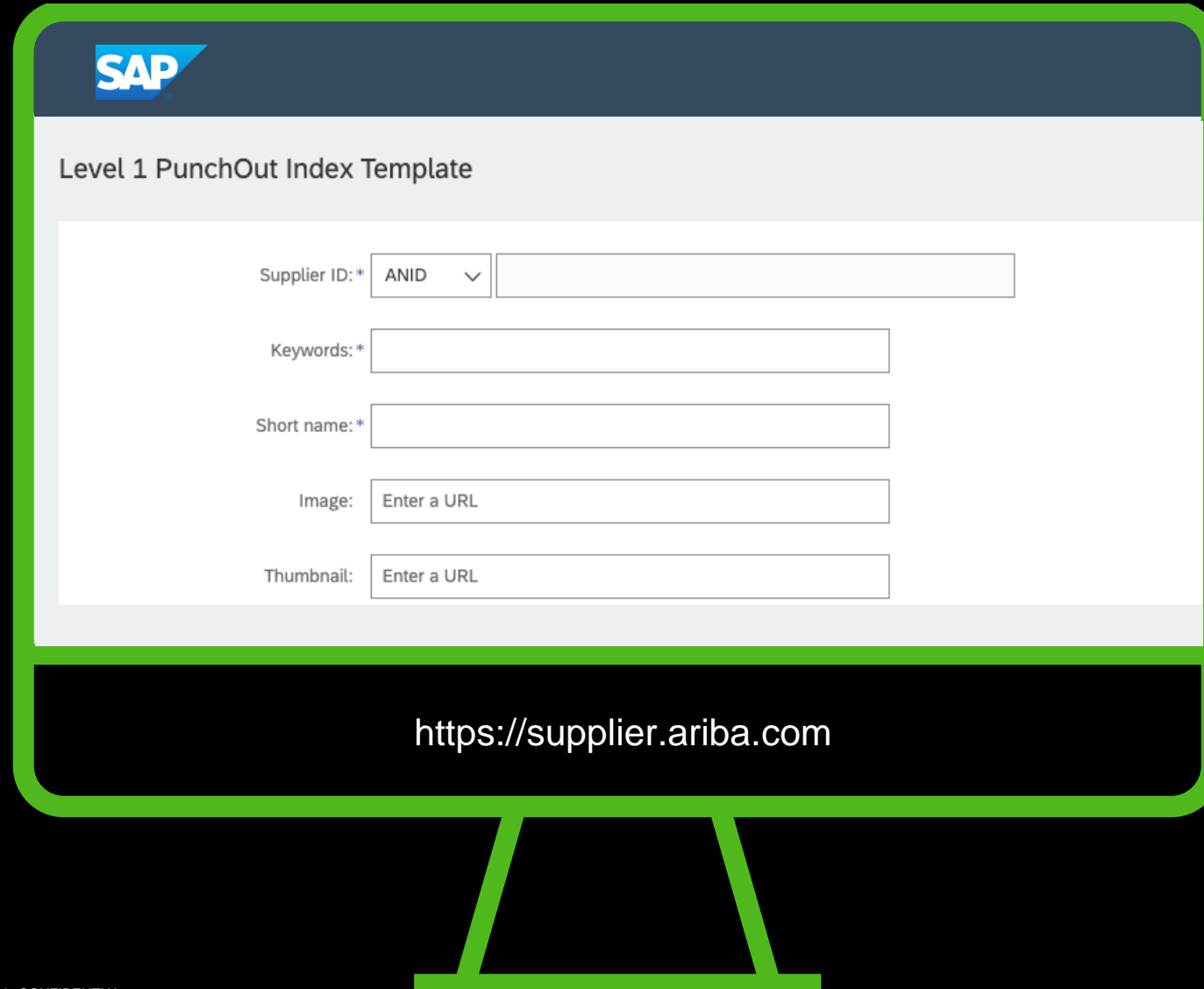
Click on Add next to Level 1 Index File Settings

SAP

Catalogs

Files   PunchOut Configuration

Manage your PunchOut configurations for all your customers or specific customers.

Level 1 Index File Settings   Add

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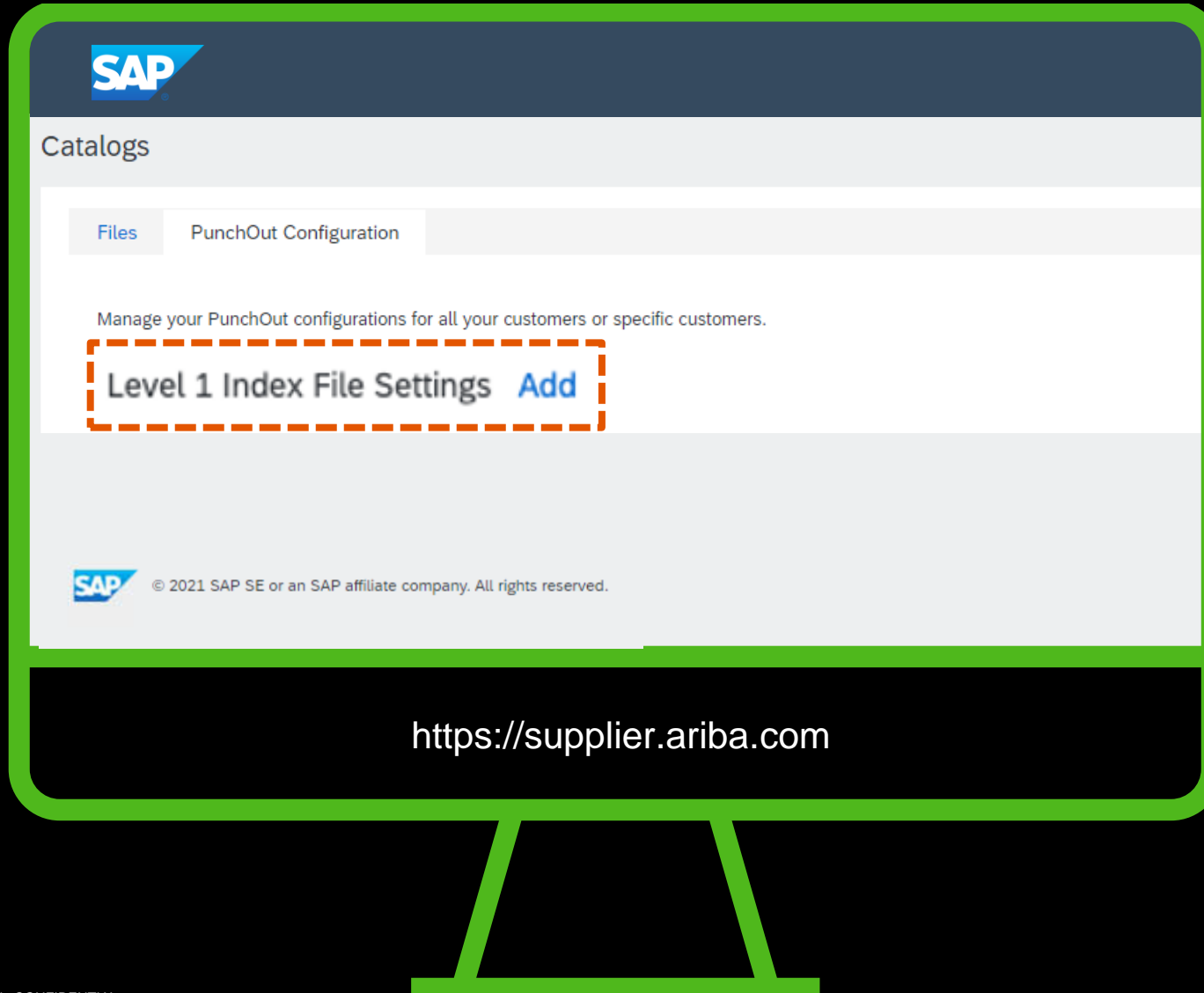
Index File Template Setup

4

Fill out the required information

(View next slide for details)

Level 1 PunchOut Index Template

Supplier ID: * [ANID ⌄] [_____]

Keywords: * [_____]

Short name: * [_____]

Image: [Enter a URL]

Thumbnail: [Enter a URL]

https://supplier.ariba.com

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

Index

4

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

Catalogs

Files | PunchOut Configuration

Manage your PunchOut configurations for all your customers or specific customers.

Level 1 Index File Template | **View/Edit**

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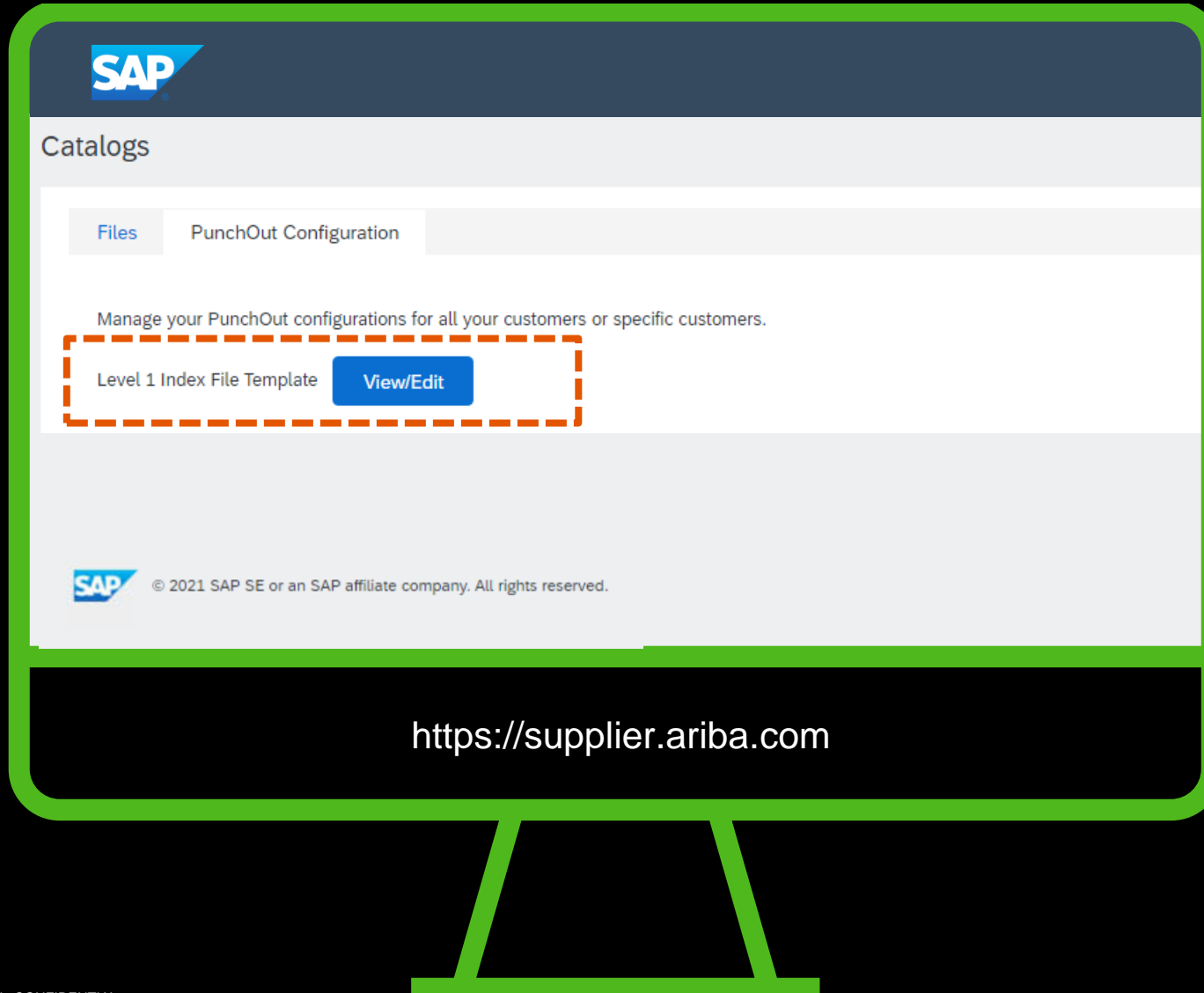
Catalog Page

5

Click on the **Files** tab

Catalogs
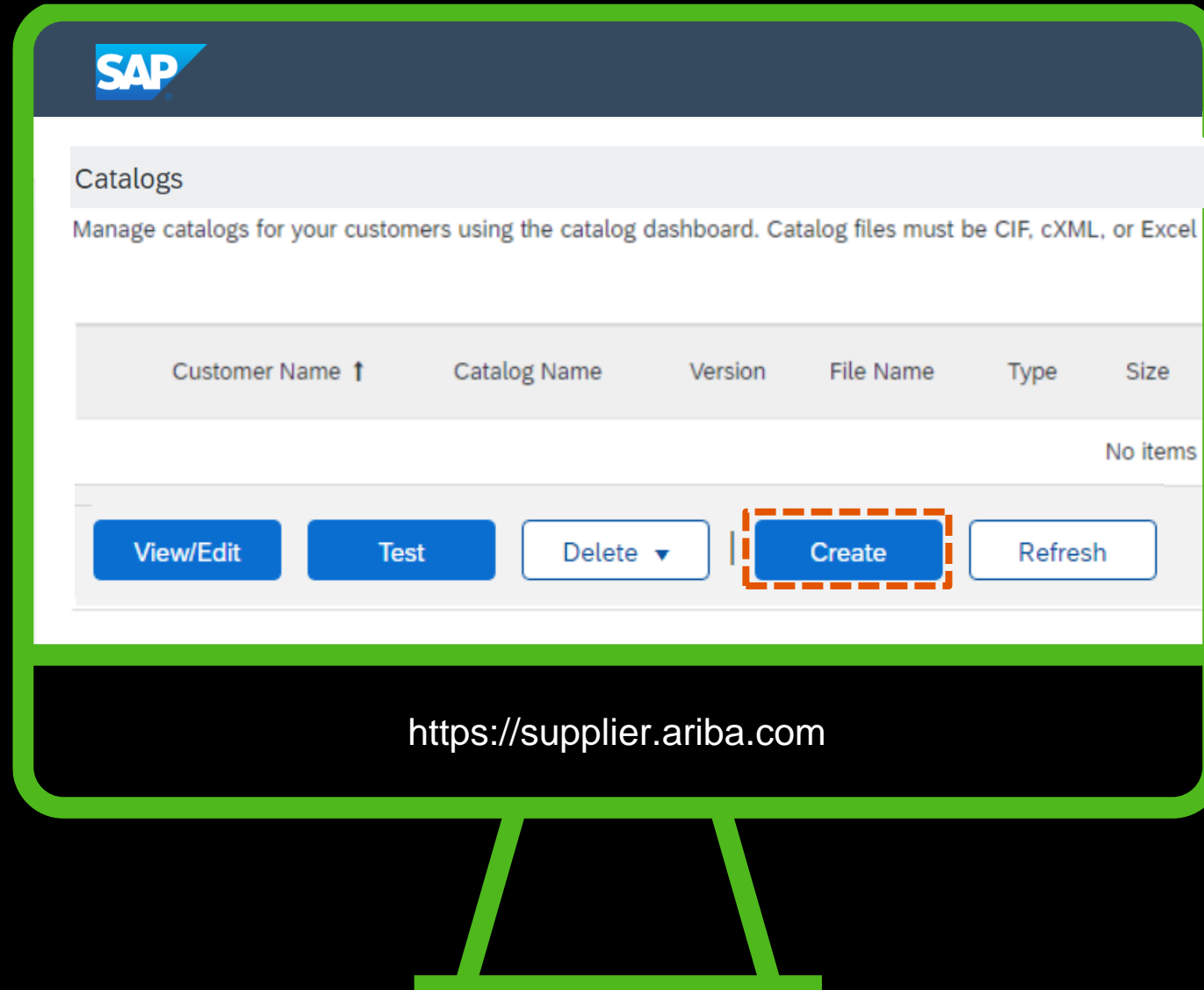
Files | PunchOut Configuration

Manage your PunchOut configurations for all your customers or specific customers.

Level 1 Index File Template   **View/Edit**

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Create

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)

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: ⓘ

Description

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41

Subscription – PunchOut Level 1

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: ☑

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

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   Buyer_Supplier_CZ_PunchOut

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: ⓘ   Description

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Further Information

Index

Refresh

10

Provide the required information

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

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Further Information

Index

Refresh

11

Click Next

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

① Details

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

② Subscriptions

Keyword filter(Supplier Part ID):* **AAA**

This value is often used to filter your webshop catalog views

③ Content

Catalog code:* UNSPSC ▾ **44**
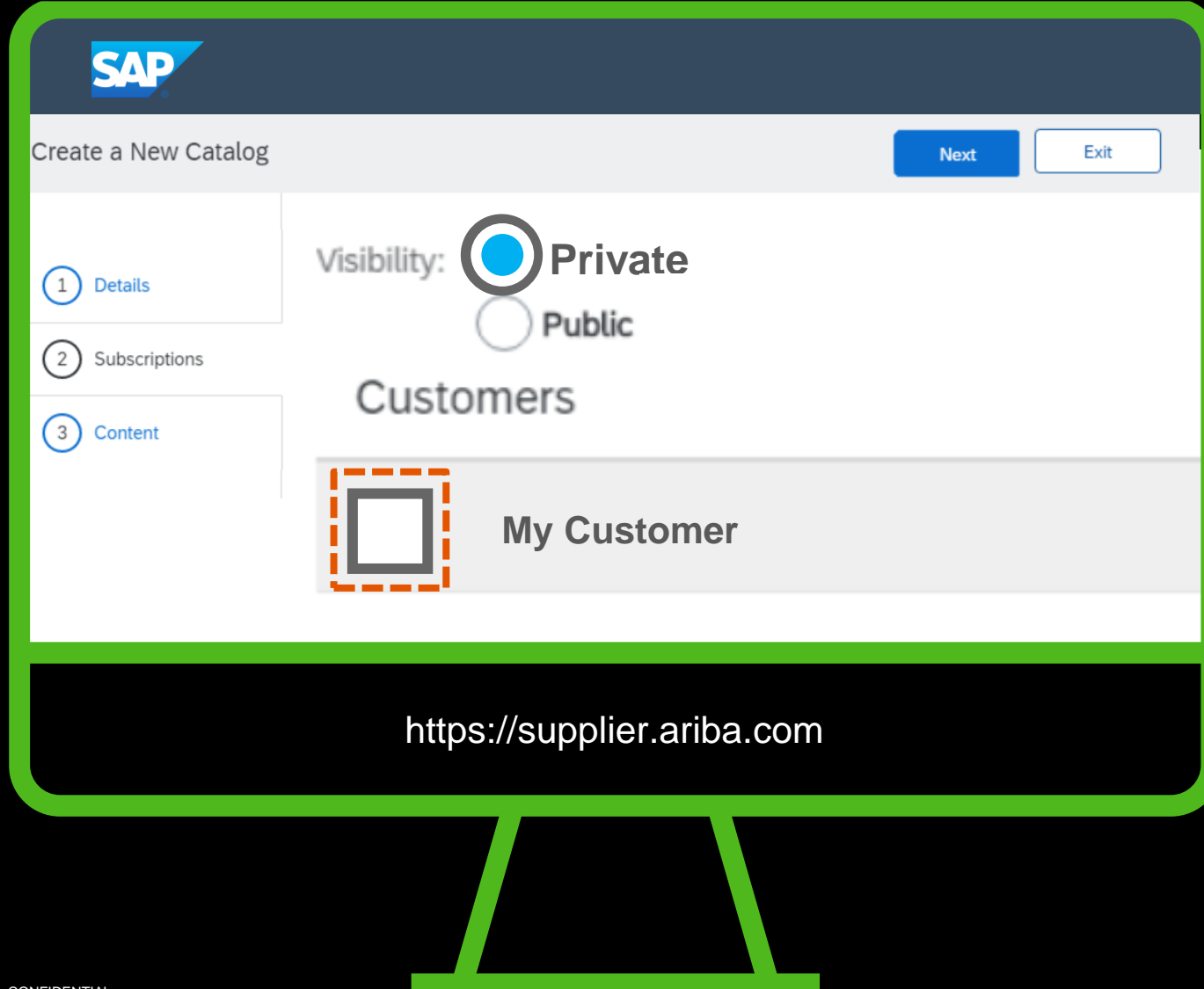
Item description:* **Test Keywords**

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

https://supplier.ariba.com
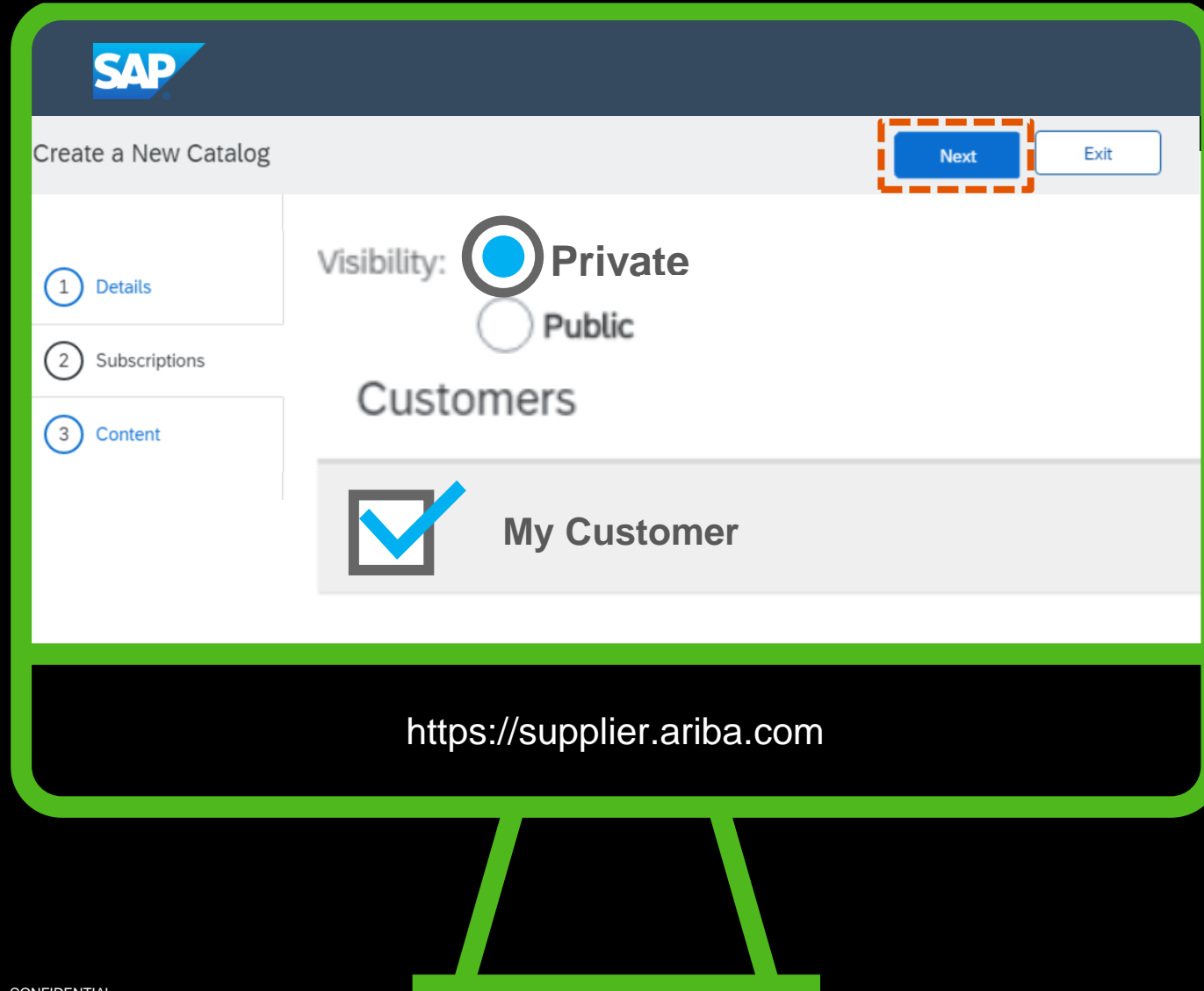
Next

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

Index

Refresh

14

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

Create a New Catalog

Exit

✓ PunchOut enabled

Short Name:	**PunchOut L1 Catalog**
Keywords:	**Test Keywords**
Image URL:	**https://testimage.com**
Thumbnail URL:	**https://testimage.com**

① Details
② Subscriptions
③ Content

https://supplier.ariba.com

Index Format

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	Short Name: **PunchOut L1 Catalog**
	Keywords: **Test Keywords**
3 Content	Image URL: **https://testimage.com**
	Thumbnail URL: **https://testimage.com**

Validate and Publish

https://supplier.ariba.com

Option 2
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**.

CIF_I_V3.0															
CHARSET:	UTF-8														
LOADMODE:	F														
CODEFORMAT:	UNSPSC														
CURRENCY:	USD														
SUPPLIERID_DOMAIN:	NetworkID														
ITEMCOUNT:	9														
TIMESTAMP:	10-07-20														
UNUOM:	TRUE														
COMMENTS:															
FIELDNAMES: Supplier ID	Supplier Part ID	Manufactur er Part ID	Item Description	SPSC Code	Unit Price	Unit of Measure	Lead Time	Manufacturer Name	Supplier URL	Manufact urer URL	Market Price	Short Name	Image	Thumbnail	PunchOut Enabled
DATA															
AN01452228885-T	PunchOut_000		[put your keywords in this field] e.g.: Stationary, pen, rubber, ruler, stapler, [other keywords]	80					https://www. mywebshop .co.uk/landi ng-page			Supplier ABC - CZ - PunchOut L1	https://fournis seurtech.com/ images/my_lo go.jpg	https://fournisseurte ch.com/images/my_ logo_thbnl.jpg	TRUE
ENDOFDATA															

Blue Fields are Mandatory.

Short Name Field can be 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 Field can be used for your **Company Logo**

Supplier URL Field same as the one Indicated on account (Previous Page)

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

https://supplier.ariba.com
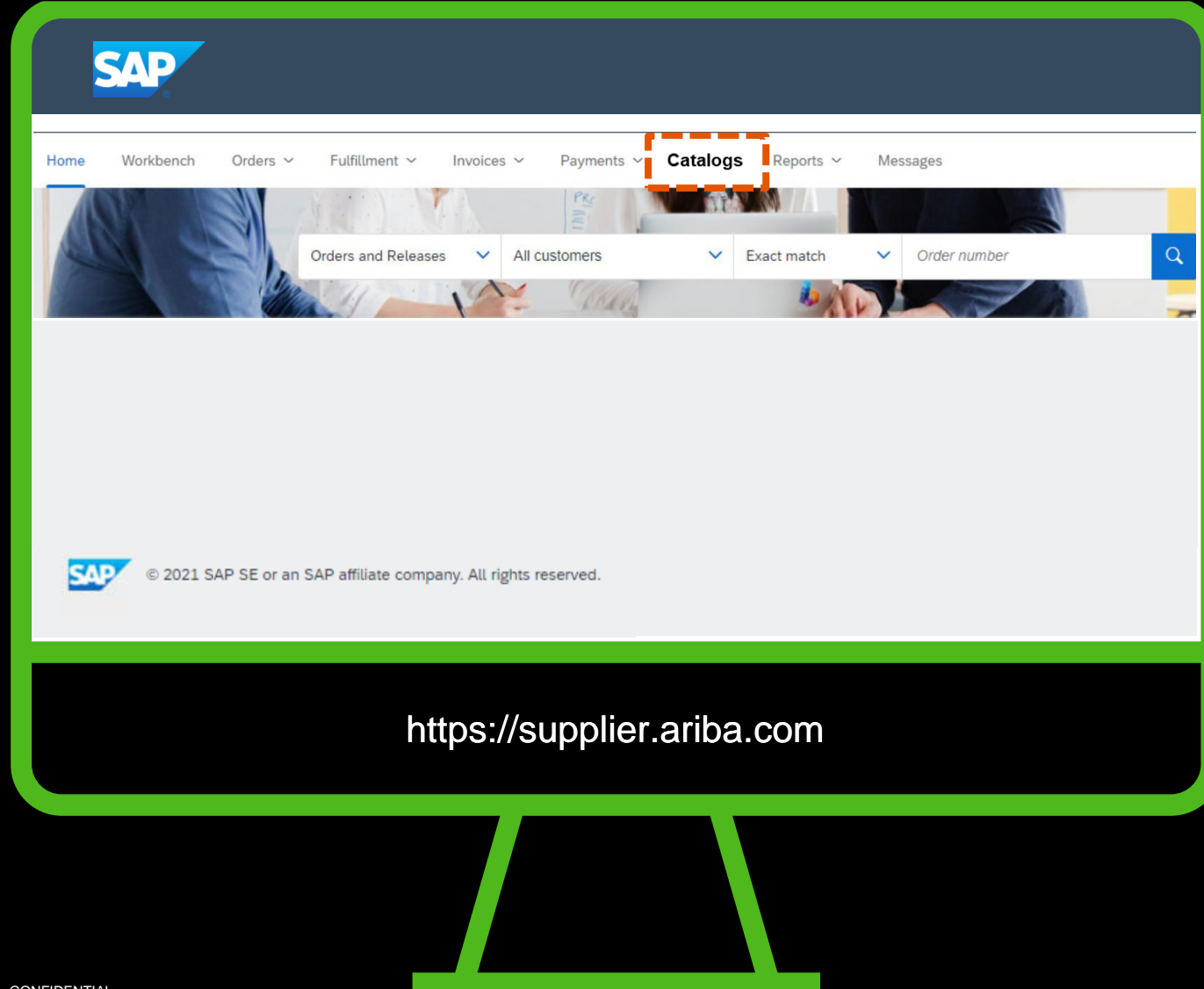
Create

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
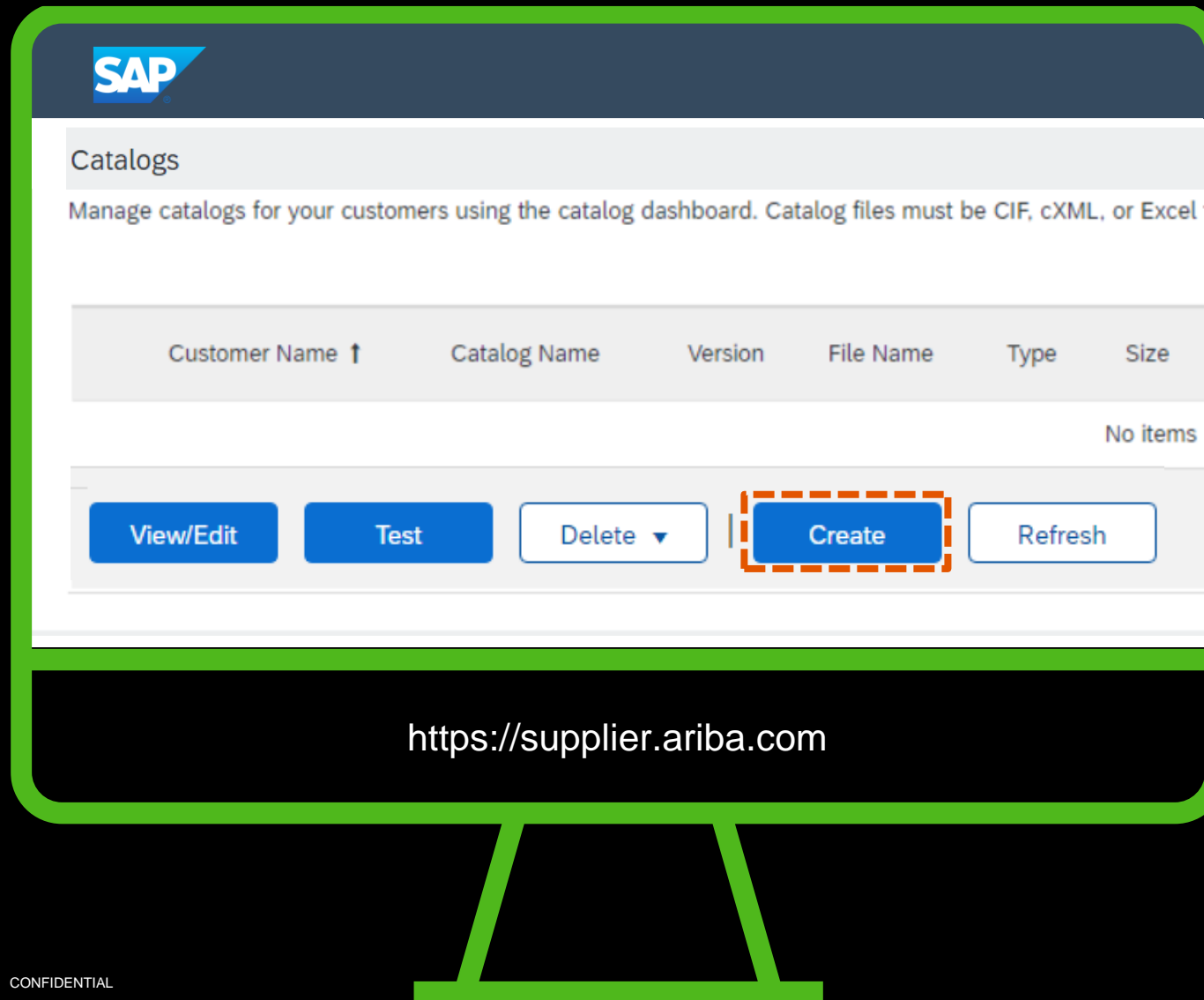
Subscription

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: ⓘ   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 catal

(1) Details

(2) Subscriptions

(3) Content

Catalog Name   **Buyer_Supplier_CZ_PunchOut**

Created By:
Date Created:

Description:

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

Commodities: (i)   Description

No items

https://supplier.ariba.com
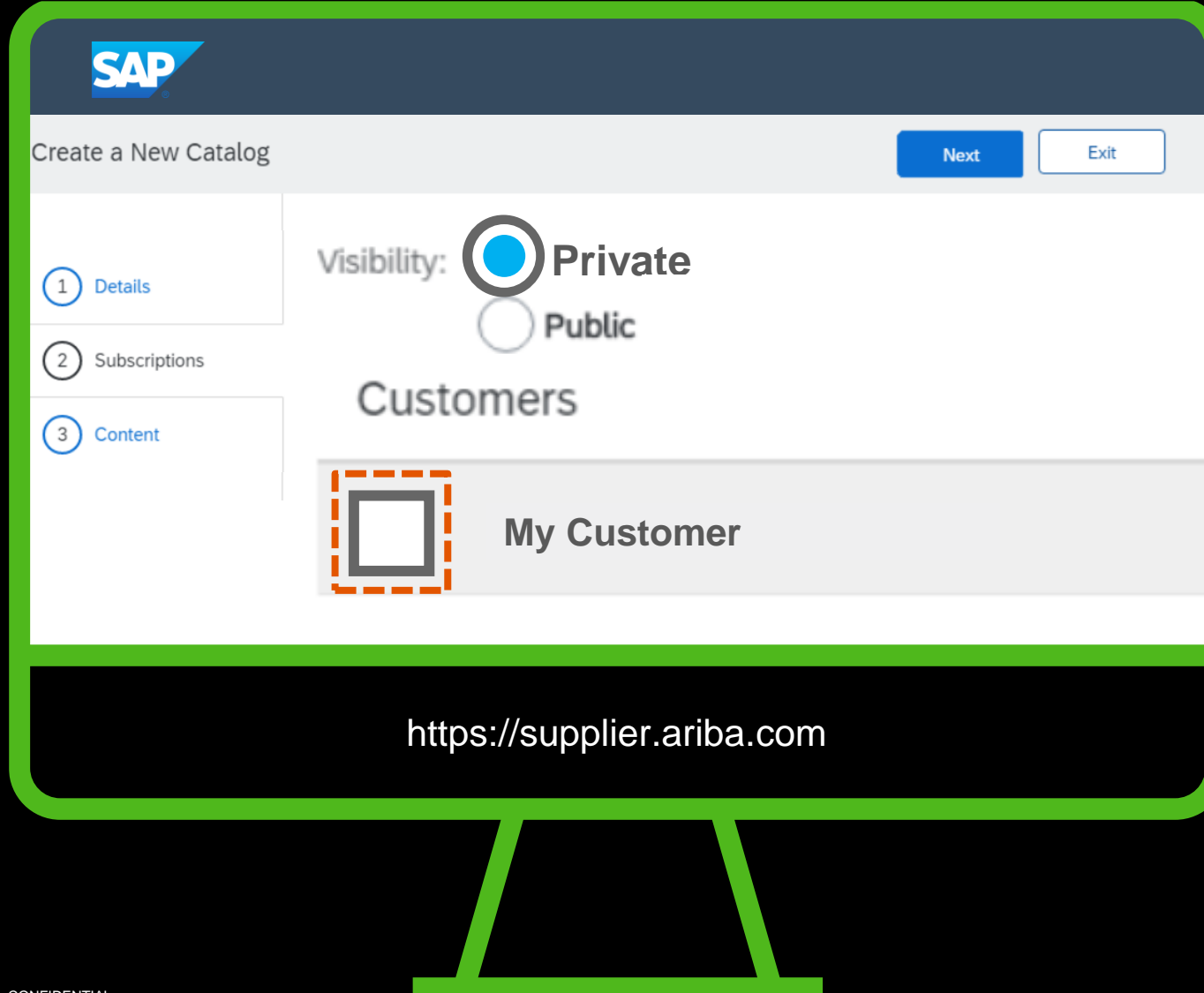
Customer

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**

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 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   Catalog File Format: CIF   ⬇

3 Content   Catalog File: Choose File   No file chosen

                       Images and Attachments File: Choose File   No file chosen

https://supplier.ariba.com

Index Format

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   Catalog File Format: CIF

3 Content   Catalog File: e chosen

                                  CIF

                      Images and Attachments File: BMECAT   e chosen

                                  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

UPLOAD YOUR CATALOG AND ATTACHMENT FILES

1. Details

2. Subscriptions

3. Content

Catalog File Format: EXCEL ▼

Catalog File: Choose File

Images and Attachments File: Choose File

https://supplier.ariba.com

Index file Select

9

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

https://supplier.ariba.com
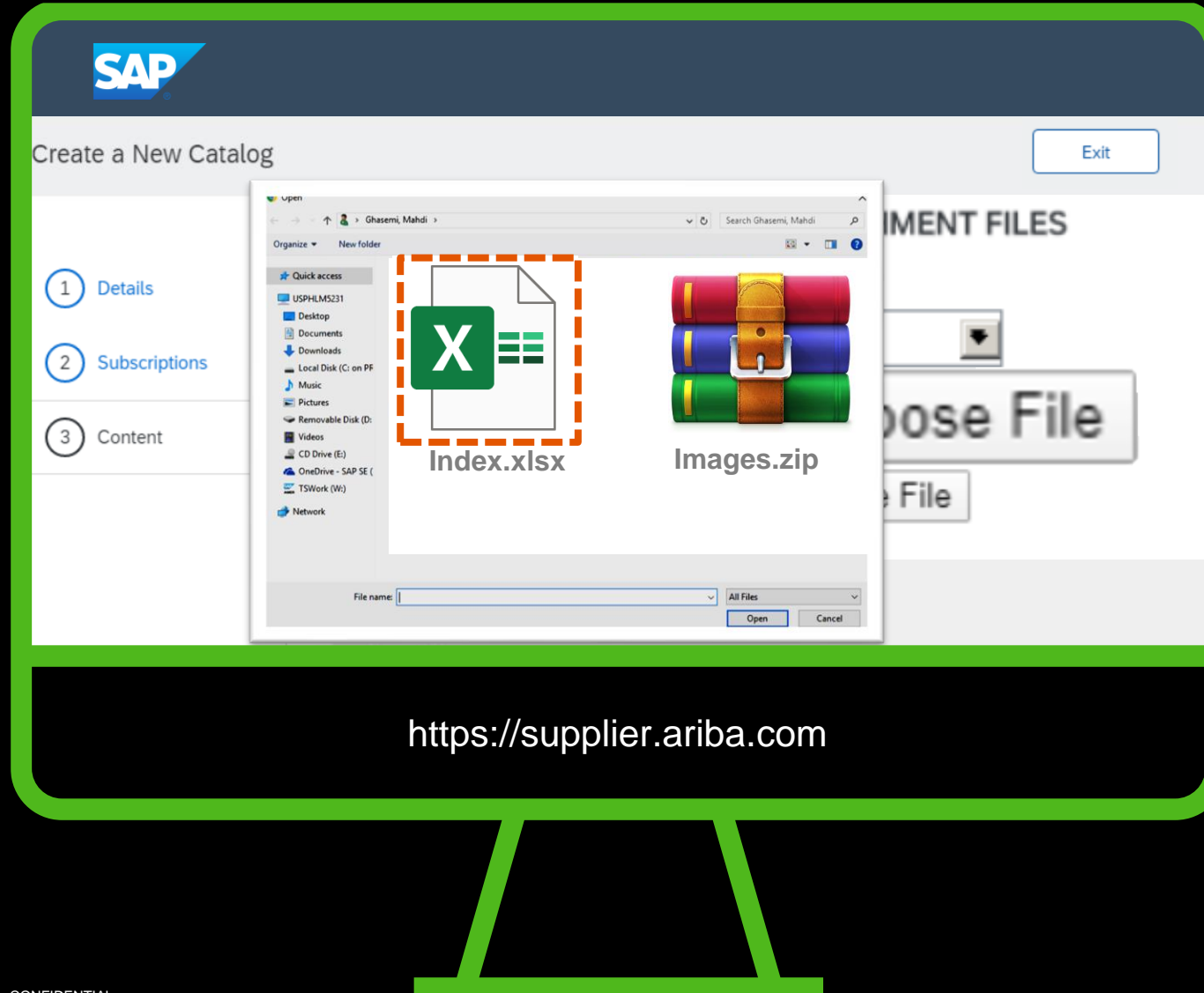
Images

10

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

SAP

Create a New Catalog   Exit

UPLOAD YOUR CATALOG AND ATTACHMENT FILES

1 Details

2 Subscriptions

3 Content

Catalog File Format: EXCEL ▼

Catalog File: Choose File   Index.xlsx

Images and Attachments File: **Choose File**   sen

https://supplier.ariba.com

Images Select

11

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

https://supplier.ariba.com

Validate and Publish

12

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

SAP

Create a New Catalog

Exit

UPLOAD YOUR CATALOG AND ATTACHMENT FILES

1 Details

2 Subscriptions

3 Content

Catalog File Format: EXCEL ▼

Catalog File: Choose File   **Index.xlsx**

Images and Attachments File: Choose File   **Images.zip**
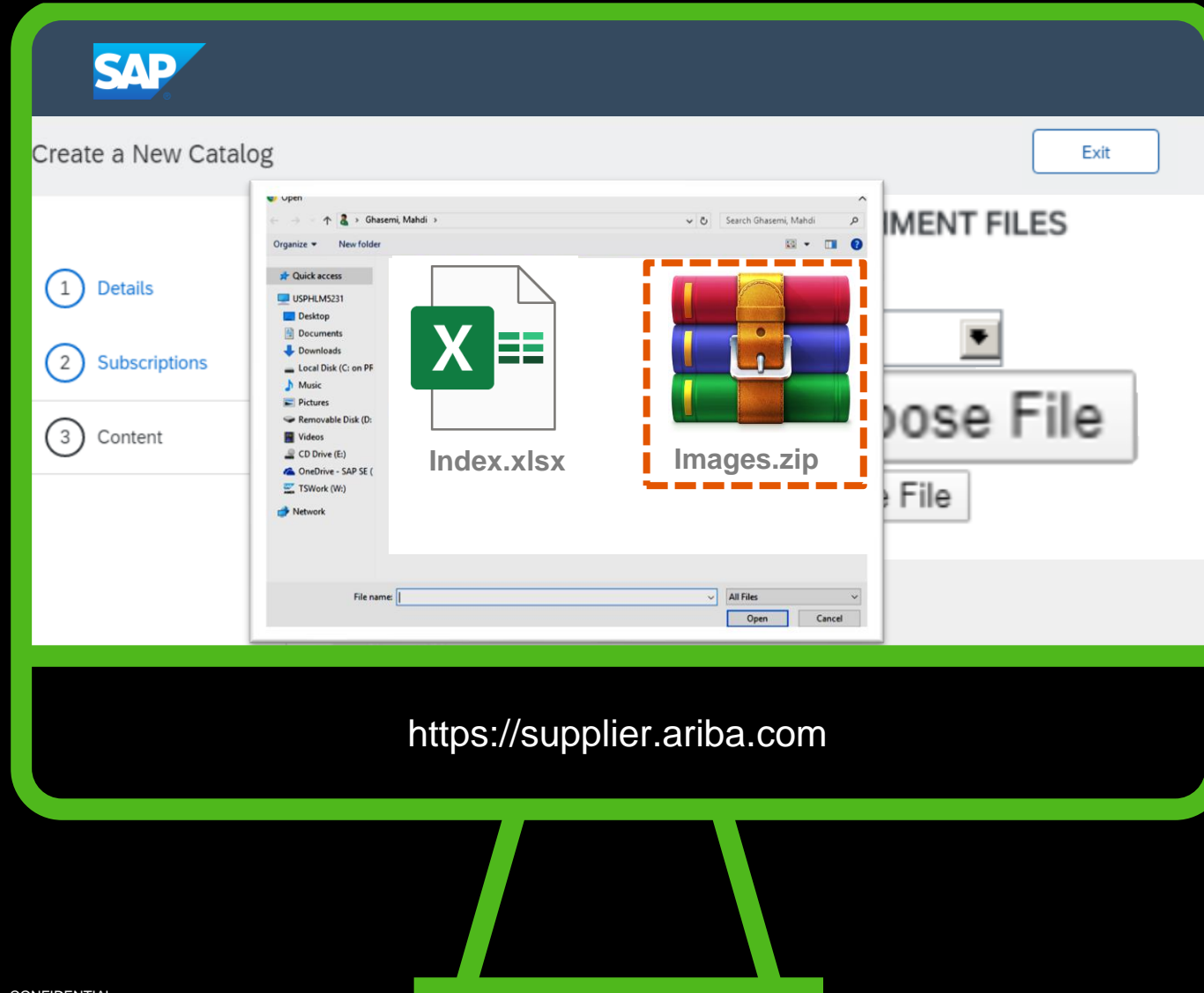
Validate and Publish

https://supplier.ariba.com

Annex
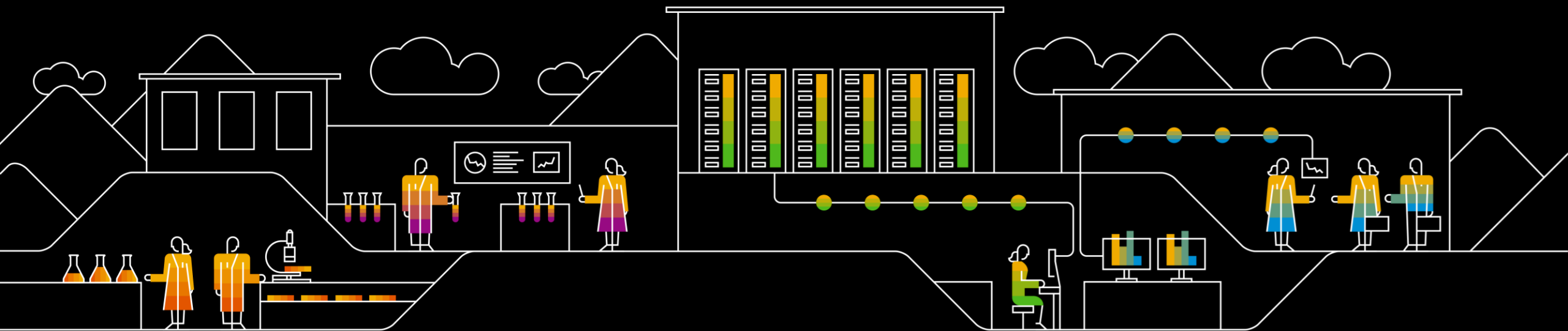
POSReq PunchOut Setup Request

```
<!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>AN11111111111</Identity>
</Credential>
</From>
```

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

```
<To>
<Credential domain="NetworkID">
<Identity>AN22222222222</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**

Return to the **Purchase Simulation**

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.**

Return to the
**Purchase
Simulation**

POOM PunchOut Order Message

```
<!DOCTYPE cXML SYSTEM
"http://xml.cxml.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>AN22222222222</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>AN11111111111</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.
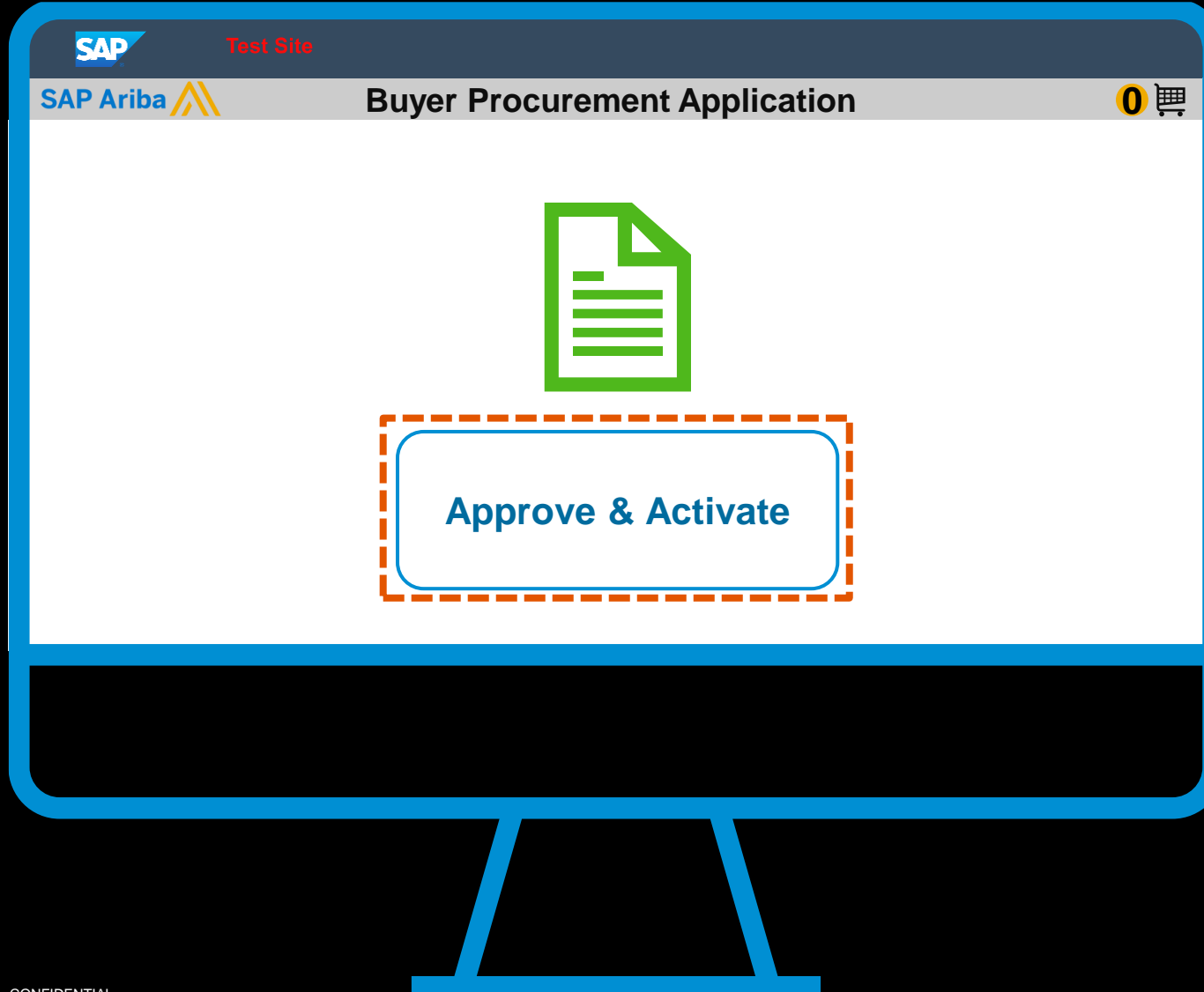
Return to the **Purchase Simulation**

Purchasing Simulation

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

Architecture Index

1

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

SAP **Test Site**

SAP Ariba **Buyer Procurement Application** **0** 🛒

Approve & Activate
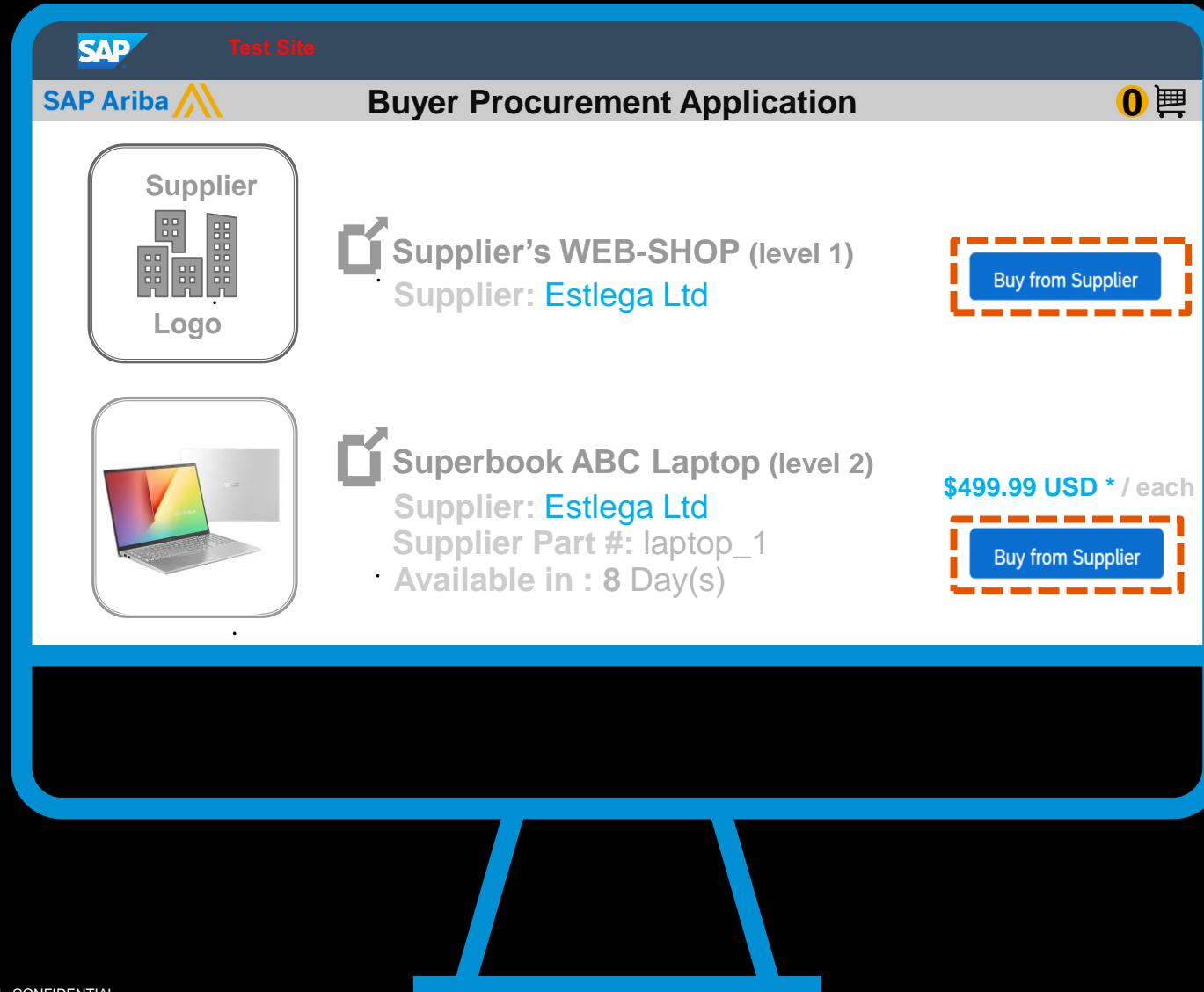
Index File Uploaded by Supplier

(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**

Index

Refresh

(2)

Click on **Buy from Supplier**

SAP   **Test Site**

SAP Ariba △△△   **Buyer Procurement Application**   **0** 🛒

Supplier

🏢

Logo

📤 **Supplier's WEB-SHOP (level 1)**
Supplier: Estlega Ltd

[Buy from Supplier]

📤 **Superbook ABC Laptop (level 2)**
Supplier: Estlega Ltd
Supplier Part #: laptop_1
Available in : 8 Day(s)

$499.99 USD * / each

[Buy from Supplier]

SAP

https://supplier.ariba.com
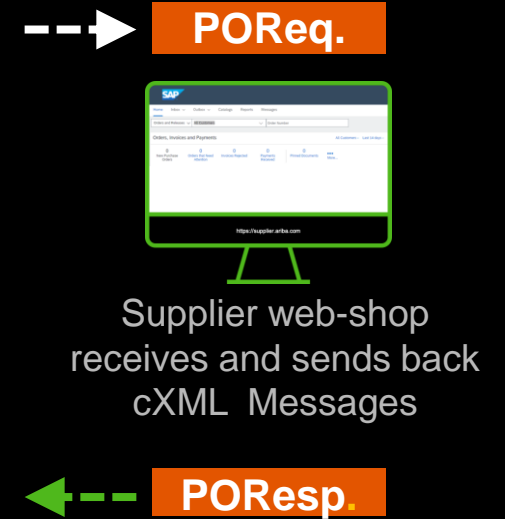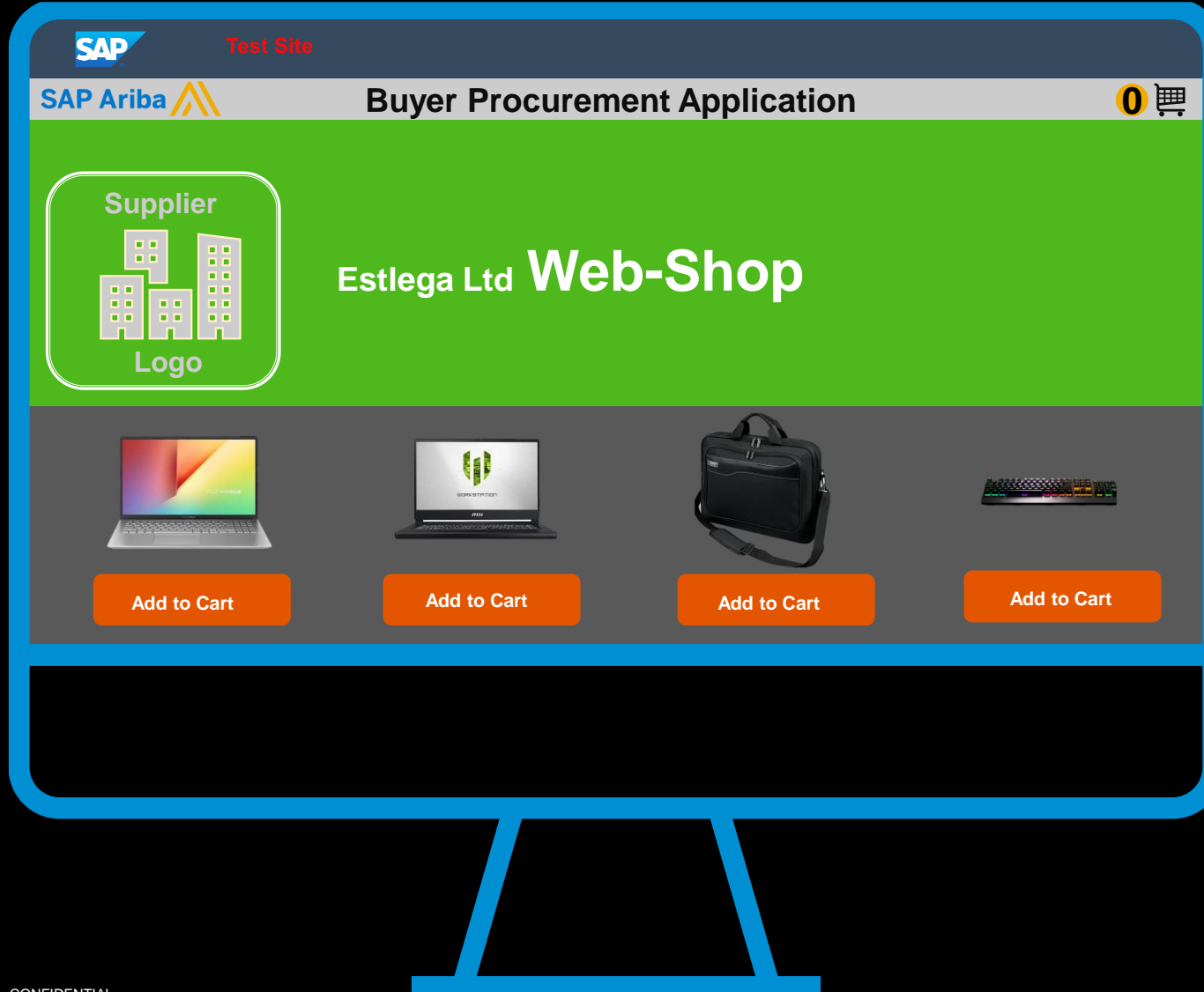
Notification sent to Supplier stating the index file is Active

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**

SAP   Test Site

SAP Ariba   Buyer Procurement Application   0 🛒

Supplier Logo

Estlega Ltd **Web-Shop**

Add to Cart   Add to Cart   Add to Cart   Add to Cart

POReq.

Supplier web-shop receives and sends back cXML Messages
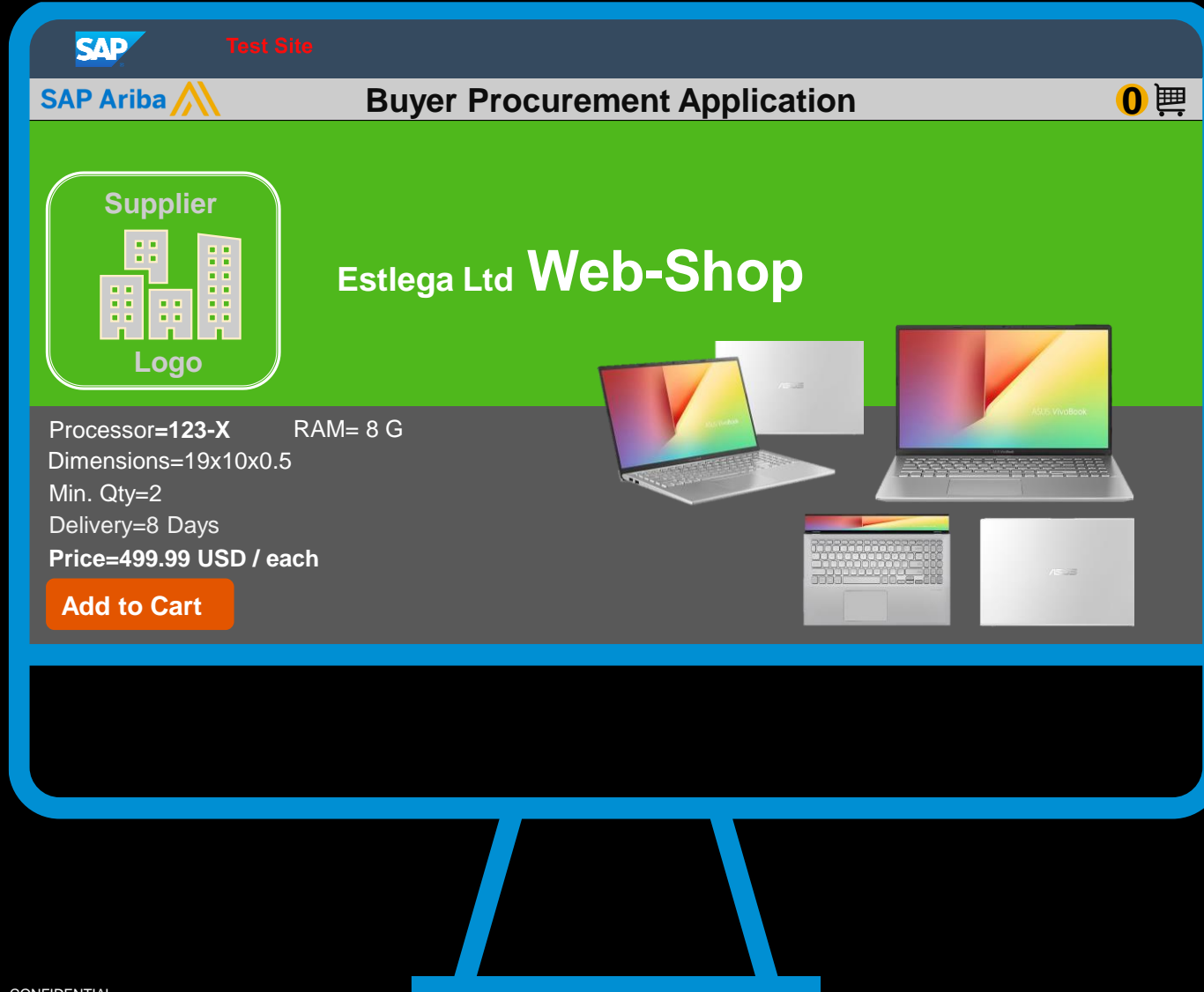
POResp.

Index

Refresh

WEBSHOP L2 - Product Level

You selected the PunchOut Level 2 (product level). The **Buyer** is sent <u>directly</u> to the item on **the Supplier's web-shop**
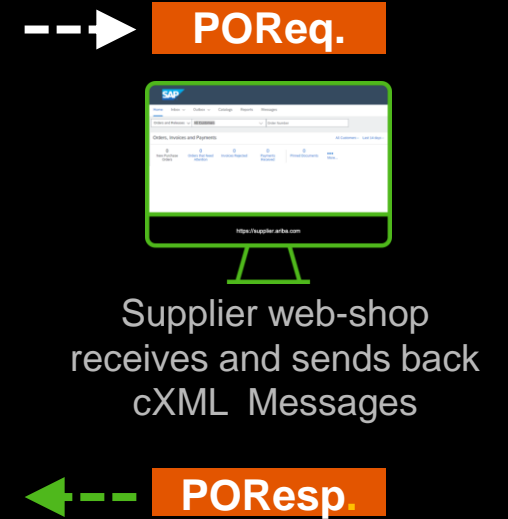
3

Click on **Add to Cart**

Index

Refresh

POReq.

Supplier web-shop receives and sends back cXML Messages
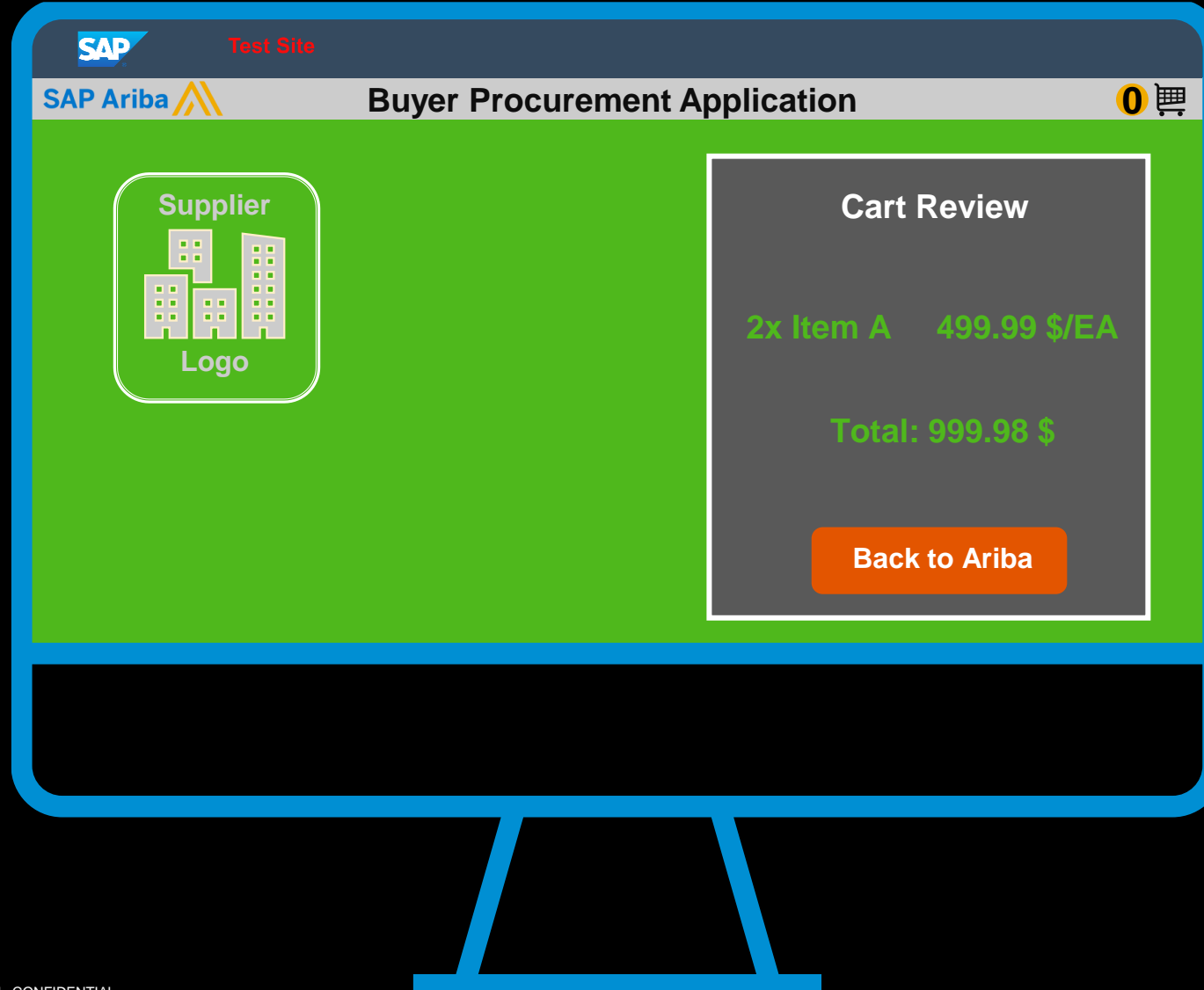
POResp.

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**

SAP   Test Site

SAP Ariba   **Buyer Procurement Application**   0 🛒

Supplier

Logo

Cart Review

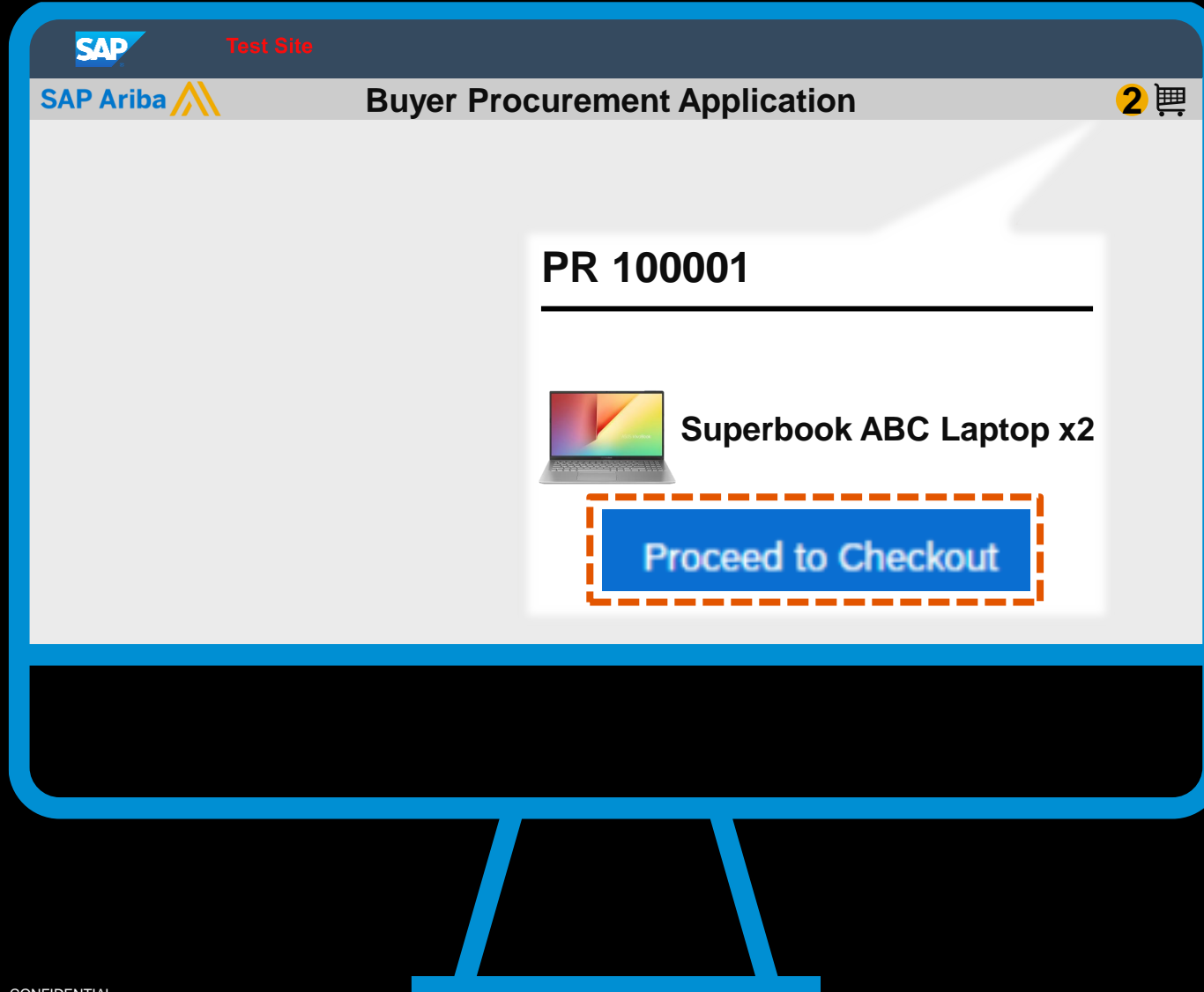2x Item A   499.99 $/EA

Total: 999.98 $

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
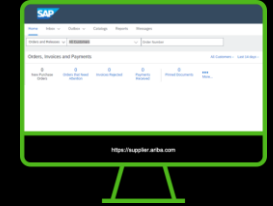
5

Click on **Proceed to Checkout**

SAP   Test Site

SAP Ariba   **Buyer Procurement Application**   **2** 🛒

PR 100001

Superbook ABC Laptop x2

Proceed to Checkout

Index

Refresh

Supplier web-shop sends back a cXML Message

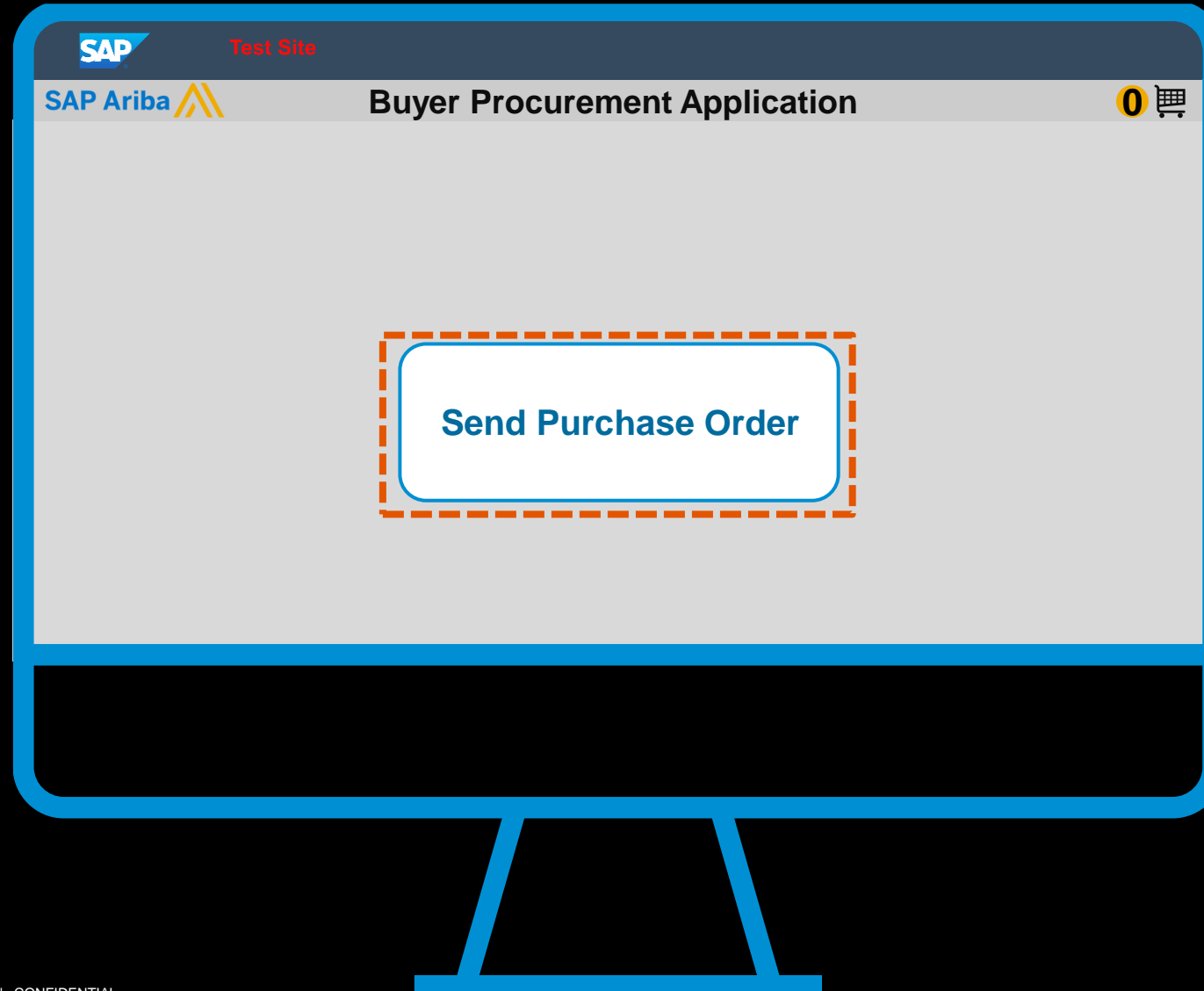**POOM**

Purchase Order

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

6

Click on **Send Purchase Order**

SAP   Test Site

SAP Ariba   **Buyer Procurement Application**   0 🛒

Send Purchase Order

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