



Integration of Open API to receive external invoices (NG-1396)

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Introducing: **Open API for 3rd party e-invoice integration**

Feature Description

An Open Application Programming Interface (API) called [externaltaxdocservice](#) is introduced to enable suppliers or buyers to have a new standard and secure way to post external tax documents to SAP Business Network.

- Domestic invoices can be posted in the mandated country-format
- Synchronous response
- REST API **to be** published at [SAP API Business Hub](#) and [Ariba API Developer Portal](#)
- Initially available ONLY for localized countries such as Brazil, Chile, Italy, Mexico, and Poland.
- cXML support is out of scope

Key Benefits

- No human intervention, saving time and reducing errors.
- Data Validation against predefined criteria, reducing errors caused by manual data entry or incorrect formatting.
- Enhanced Security
- Seamless Integration, streamlining the entire invoice-to-payment process.
- Scalable Growth to accommodate increased invoice volumes without significant additional effort.
- Tracking capabilities

Audience:

Buyer & Supplier

Enablement Model:

Automatically On

Applicable Solutions:

SAP Business Network /
Globalization / Network
Invoicing:
Tax invoice Add-On for
**Brazil, Chile, Italy,
Mexico and Poland.**

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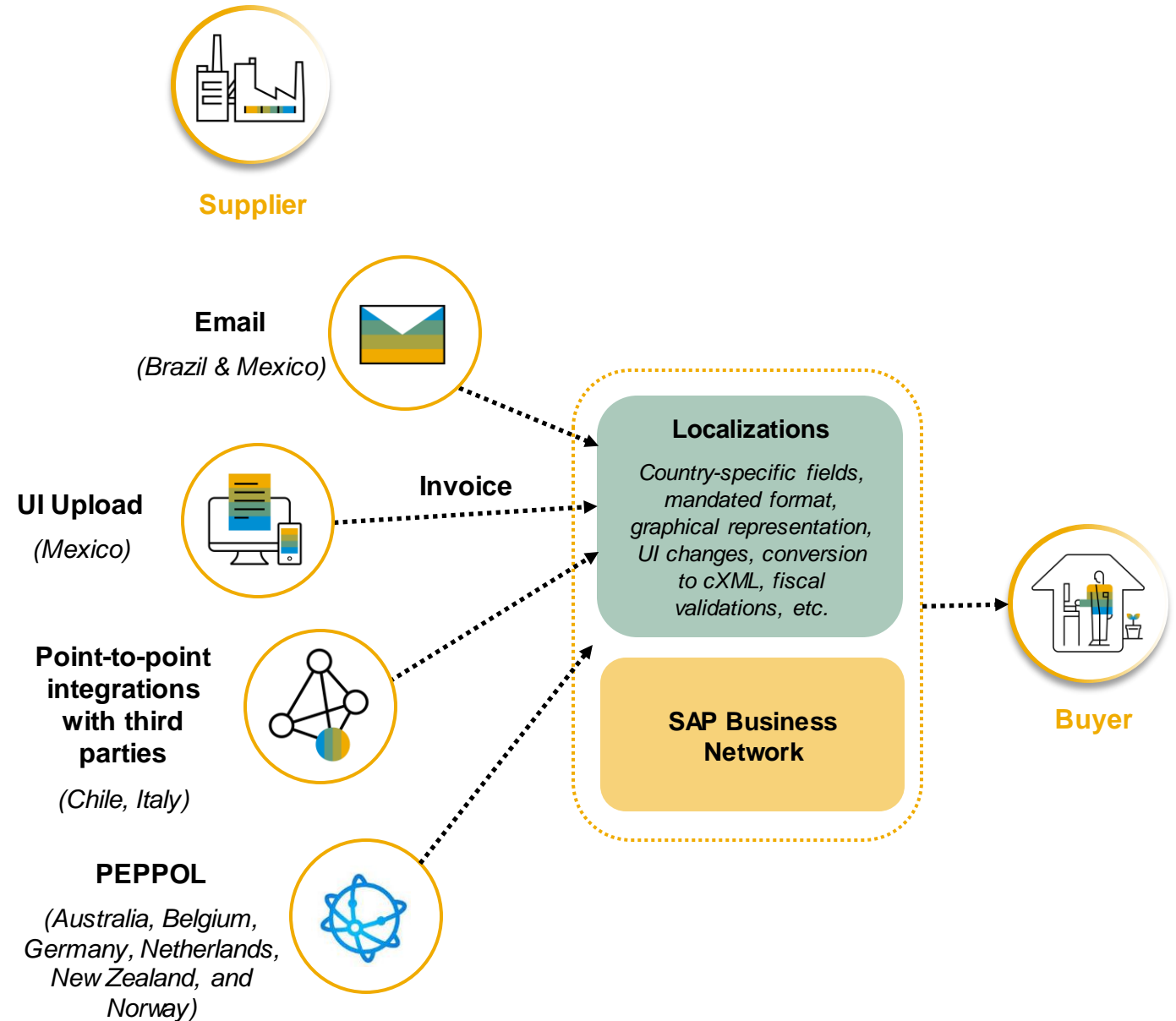
Customer Challenge

- Lack of options for large suppliers to submit their tax invoices to the corresponding Network country localization flow through secure channel.
- Buyers already receiving tax invoices through a local provider or SAP partner do not have a simple way to integrate that flow with the Network localization layer in a supported country.



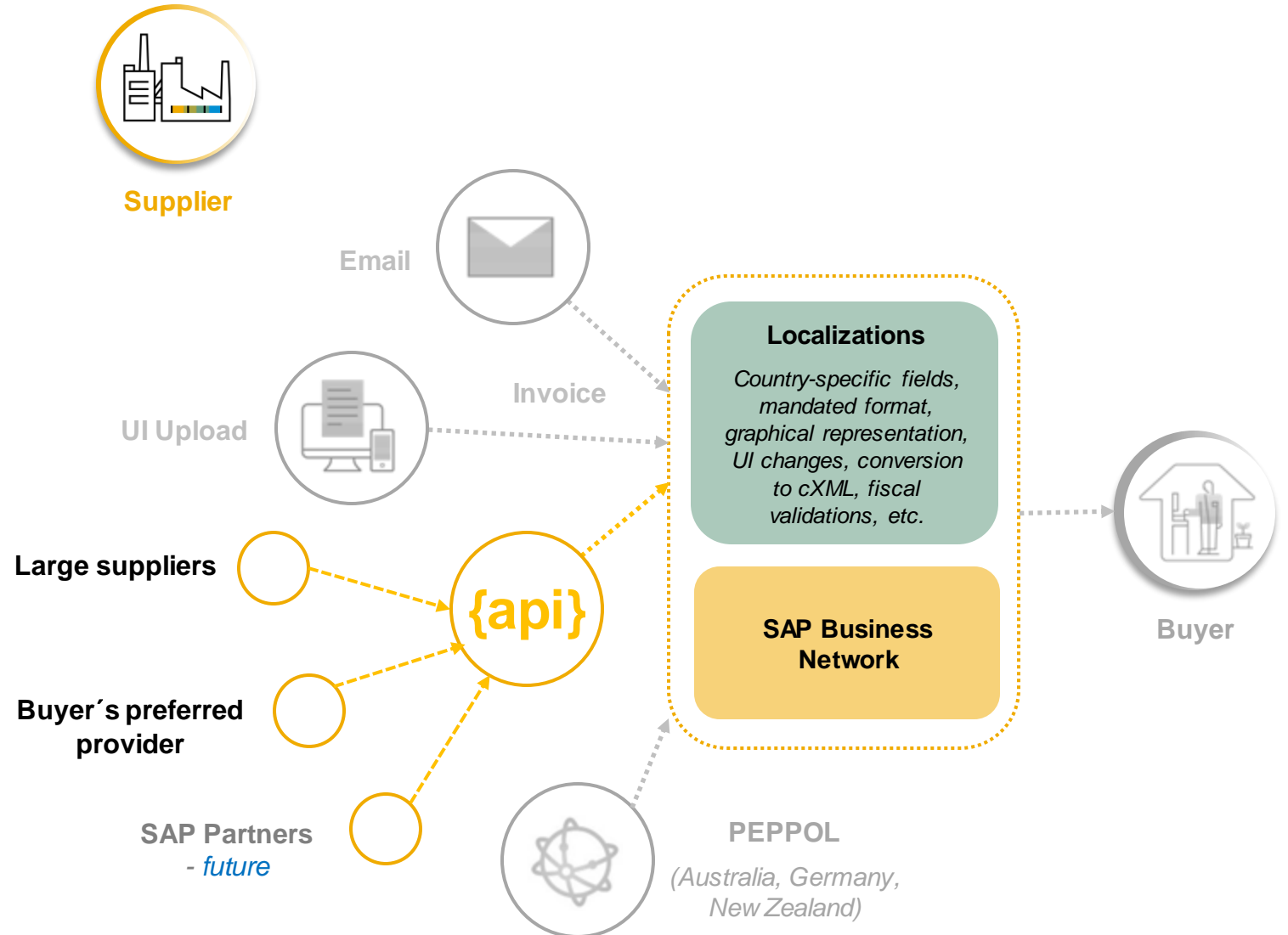
AS IS

- Several localizations done to support country-specific invoice formats through orchestrated flows
- One or more channels for incoming tax invoices enabled by country
- Known restrictions:
 - ❖ Lack of a secure channel for invoice bulk
 - ❖ Existing integrations limited to a small group of partners
 - ❖ No simple way to connect other parties (buyer/supplier's service provider for instance)
 - ❖ Standard cXML integration can be built but it demands time & resources, with no connection to the localization flows



TO BE

- New open API for third-party e-invoice integration for countries with mandates
- Move from point-to-point integrations to a more robust and secure approach
- Main features:
 - ❖ Native connection to existing localization flows
 - ❖ Country-format files supported
 - ❖ Internal Reporting capabilities to track usage
 - ❖ *cXML support for non-localized countries - future*



Further Details

The endpoint of the [externaltaxdocservice](#) API uses the Post method and expects a **multipart** request to send the tax document to SAP Business Network.

- First part - JSON definition

```
{ "issuerCountryCode": "MX",  
  "environment": "TEST",  
  "documentType": "CFDI",  
  "additionalInfo": "The tax document has been validated according to the local regulations",  
  "documentName": "tr_pay_rcpt_2.xml" } > Must match with the attachment filename
```

- Second part - File attachment (Binary type). At least one file attachment of the legal tax document. Additionally, a PDF attachment can be sent too.

Ensure that you use OAuth version 2.0 for authentication.

After the document is accepted, the endpoint sends a response as a message.

```
202  
  "Accepted"
```

```
400  
{  
  "errors": [ "Document processing failure. No matching customer was found on the Ariba  
Network. Correct the customer information and resend the document." ],  
  "errorId": "11032"  
}
```

This feature supports the following types of external documents for the respective countries:

- FA xml - Poland
- FatturaPA xml - Italy
- DTE xml - Chile
- CFDI xml - Mexico
- NFe, CTe, CCE xmls - Brazil

Thank you.

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