



SAP Ariba 

# Ariba Network

**Creating Domestic Italian Supplier Invoices in the Ariba Network from January 2019  
Information for Italian Buyers to provide to their Italian suppliers**

Solution Management SAP Ariba

PUBLIC

 **Run Simple**

# Information and required tasks for Buyers

## Overview

- With the December 2018 Release, the Ariba Network provides an infrastructure to get Italian domestic invoice transactions cleared by the Sistema di Interscambio (SDI)
- The information contained in the further deck shall be shared with suppliers in order to make sure, suppliers activate the “legal profiles” in the Ariba Network, which is a pre-requisition to get AN-generated invoices sent to the SDI Exchange System.

To respect different Buyer strategies, the Ariba Network provides three options for the future Invoicing process for domestic Italian invoices:

1. Buyers who expect **to only receive domestic Italian SDI-cleared tax invoices from their Italian Suppliers** through the Ariba Network **shall raise a Service Request** to have the SDI clearance feature enabled (Feature NP-15563 and the Entitlement “Require Italian invoices to flow to SDI”). Once activated on the Buyer account, this will block suppliers transacting with the Buyer through the Ariba Network, from sending domestic Italian invoices without SDI clearance. Suppliers must configure their legal profile in the Ariba Network.
2. Buyers who **do accept non-SDI cleared invoices** (“pro-forma” invoices for pure processing purposes) do not need to take actions. Domestic Invoices generated by Suppliers who have NOT been activated for the SDI clearance flow will be sent conventionally directly to the Buyer, without SDI validation and clearance. Such an invoice would not constitute a valid tax invoice in Italy from January 2019, however it allows Buyers to support so called “Pro-Forma” invoicing strategies.
3. Buyers who do **not want to continue processing any domestic Italian invoices** through the Ariba Network (e. g. P2O strategy only, tax invoices through another 3<sup>rd</sup> party intermediate) can block suppliers from sending invoices as part of the AN country-specific invoicing rules

Buyer  
Action  
required!

**Testing is required and recommended to be done on the Ariba Network Test-Accounts. Invoices generated in the Test Accounts will not get sent against the SDI portal. The process to and acknowledgment from the SDI system gets simulated.**

# Ariba Network **Supplier facing information**

# Overview and Background

## Context

- The Italian Revenue Agency mandates e-invoicing for **all domestic** Suppliers from Jan 1<sup>st</sup> 2019 (all industries).
- Invoices need to be created in a **defined country format** (fatturaPA XML), signed and sent to a **central portal (SDI, Sistema di Interscambio)** operated by the Italian Revenue Agency
- From January 2019 invoices not issued as fatturaPA XML and registered with the SDI exchange system will not be accepted by the Revenue Agency.
- Please find official information from the Revenue Agency here: <https://www.agenziaentrate.gov.it/wps/content/nsilib/nsi/aree+tematiche/fatturazione+elettronica>

## Invoicing process in the Ariba Network

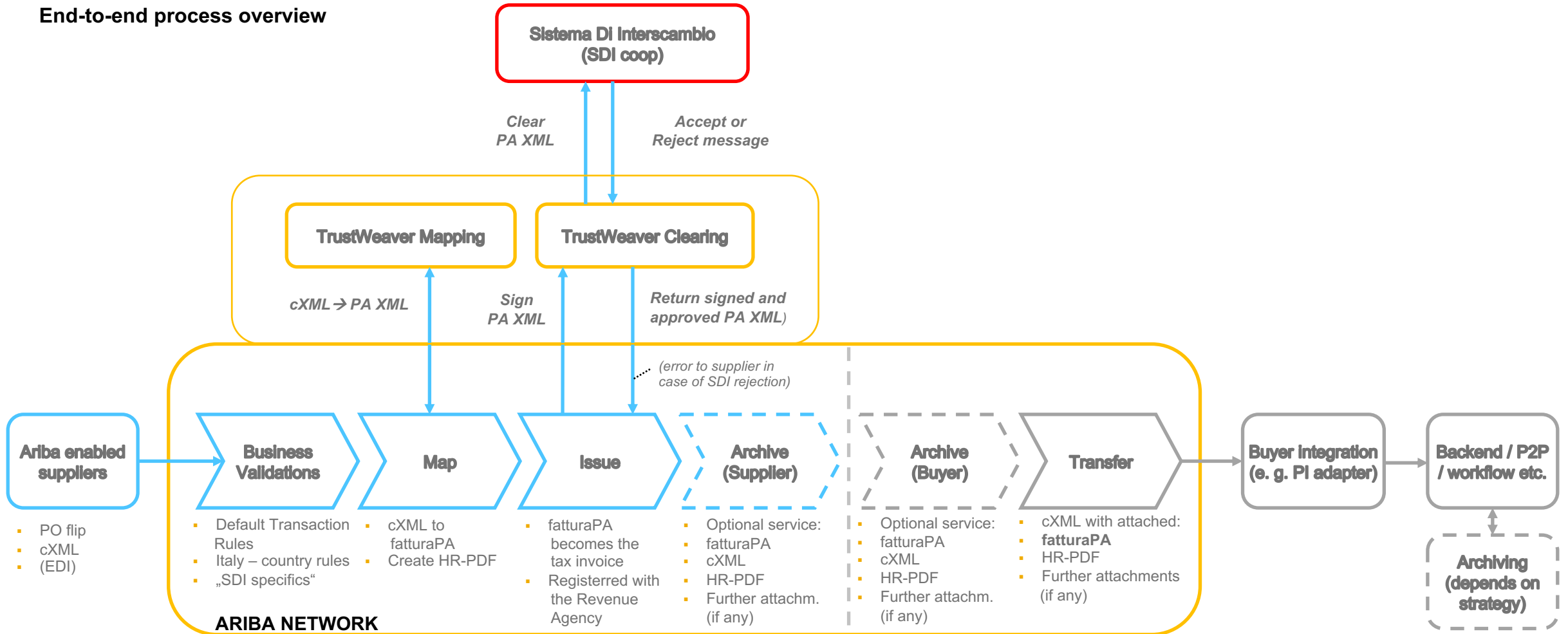
- The Ariba Network has been enhanced and will allow suppliers to generate the required fatturaPA XML in the Ariba Network (see slide 2 for options and Buyer actions to be taken)
- The invoice will be sent through the Ariba sub-processor TrustWeaver (acting as an intermediate on behalf of the supplier) to the SDI exchange system. TrustWeaver are technically accredited by the Italian Revenue Agency as an intermediary. The SDI-accepted fatturaPA invoice will be sent to the Buyer's system as an attachment to the Ariba cXML invoice by the Ariba Network.
- The service is free of additional charges for suppliers and will be executed according to the Ariba Network standard Terms of Use:
  - <https://service.ariba.com/Authenticator.aw/ad/termsCenter?tou=supplier>
  - <https://service.ariba.com/Authenticator.aw/ad/termsCenter?tou=eInvoicing>
- Suppliers must make sure that invoices reported to SDI through the Ariba Network are not reported through other systems to avoid double taxation.
- In case of doubt or concern contact your Buyer organization using the Ariba Network.

## Required actions for Suppliers

- Suppliers must **activate the SDI clearance flow by creating an Italy-specific “legal profile” in the Ariba Network**. If the legal profile is not configured correctly, invoices will not be sent to SDI for clearance. Suppliers can do testing using the Ariba Network Test accounts. This will only simulate the SDI process.
- While creating this “legal profile”, fatturaPA-specific mandatory information will be captured so that the Ariba Network can issue a valid fatturaPA XML invoice.
- The individual steps are described in the following slides; it is important to maintain the valid supplier VAT-ID in order to send the invoices to the SDI system
- cXML integrated suppliers must add new extrinsics to the cXML data stream in order to get a valid fatturaPA invoice created.

# Italy: Process overview

## End-to-end process overview



## Activation of the SDI exchange system clearance flow :

### Supplier to setup the “Legal Profile” in the Ariba Network

#### Precondition:

Feature NP-15563 and the entitlement “Require Italian invoices to flow to SDI” must be enabled for the AN Buyer account

# Supplier setup of the required “Legal Profile”

Suppliers **must create a “Legal Profile”** in their AN account so that their invoices are created in the required fatturaPA format and uploaded to the Sistema di Interscambio (SDI). Entering the correct data is key to getting the invoice created.

1. Create a new Address (= Italian legal entity) in **Company settings / Company Profile / Additional Company Addresses:**

Additional Company Addresses			
Address Name ↑	Address ID	VAT ID	Tax ID
<input type="radio"/> Italy Legal Address		IT21876543213	
<input type="radio"/> NewItalyAddress		IT12345678907	
<input type="radio"/> sewew121567		IT12345678909	
<input type="radio"/> sri0987		IT12345678908	
<input type="radio"/> sriadd	S1212121	IT12356789076	12367899876

2. Enter the **Address Name** (= Full Name of the legal entity, incl. company form) and address details. Select the State (province)

Address Name

Address Name: \* Stefano S.p.A.

Address ID: \*

VAT ID: IT3333333333333333

Tax ID: 3333333333333333

Address

Address 1: \* Via Centrale 12

Address 2: \*

City: \* Roma

State: \* Select

Postal Code: \* Select

Country: \*  
Agrigento [AG]  
Alessandria [AL]  
Ancona [AN]  
Aosta [AO]  
Arezzo [AR]  
Ascoli Piceno [AP]  
Asti [AT]

Set Up Legal Profile  
Check this box to provide additional corporate entity and taxation information for each qualified...

3. **Make sure the correct Italian VAT-ID** (ID FiscaleIVA) **is maintained** (as in the Supplier's SDI account) AN validates if 13 digits (incl. the leading “IT” are entered)

Address Name: \* Stefano S.p.A.

Address ID: \*

VAT ID: IT3333333333333333

! VAT ID must contain 13 characters. It must begin with IT, and must be followed by 11 digits.

# Configured Legal Profile for an Italian supplier company

Further mandatory fields must be setup as part of the new address / legal entity:

4. Select “Set Up Legal Profile”

5. Typically a supplier has a registration in the commercial register of companies (REA).

#	Field	Italian	Possible values
6	Region of the REA office	Ufficio	Drop-down (2 letters for the region)
7	REA Number	Numero REA	1-20 characters
8	Shareholder Type of your company	Socio Unico	One / several shareholders
9	Liquidation State of your company	Stato Liquidazione	In liquidation / non-liquidated
10	Share capital of your company	Capitale Sociale	Number (EUR)
11	Tax Regime	Regime Fiscale	Drop-down

“Save” and the setup of the legal profile is finalized. Leave the menu.

### Configure Supplier Addresses Served by This Account

\* Indicates a required field

---

**Address Name**

Address Name:\* Stefano S.p.A.

Address ID:

VAT ID: IT3333333333

Tax ID: 3333333333

---

**Address**

Via Centrale 12  
00127 Roma  
Rome  
Italy

**4** Set Up Legal Profile  
Check this box to provide additional corporate entity and taxation information for each qualified address. Ariba Network may send the information you provide here to an accredited

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**Financial Information**

**5** Supplier has a R.E.A registration.

**6** Office:\* Rome

**7** REA Number:\* 740950

**8** Shareholder Type:\* Several Shareholders

**9** Liquidation State:\* Non - Liquidated

**10** Share Capital (EUR): 100000

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**Tax Regime Information**

**11** Tax regime:\* Ordinary



# Create and **Submit Invoices**

# Create and submit invoices I

Suppliers now can create their invoices, (e. g. PO / Non-PO) and submit the invoice.

Both the **Supplier** (from) and **Customer** (soldTo) addresses must have „Italy“ as country selected. This qualifies and Invoice as a domestic Italian address

**Pre-populated** addresses may need to be updated with the associated „state“ / provincia

If applicable, **Tax Exemptions** can be chosen on invoice line level

**Additional Fields**

Information Only. No action is required from the customer.

Supplier Account ID #:

Customer Reference:

Supplier Reference:

Supplier: ITADD\_LP\_01  
ROME  
Arezzo  
Italy

Choose Address: No value  
Customer: Buyer  
Verona  
Agrigento  
Italy

Bill From: **Brazil Office**  
CA  
United States

Supplier Commercial Credentials: 3222423333

**Comment**

Comments: [Arba added comment: Created in the name and on behalf of the supplier]

Default Invoice Comment Text:

**Additional Italy Specific Fields**

Office: Agrigento  
REA Number: 12345  
Share Capital (EUR): 100.00  
Shareholder Type: Sole Shareholder  
Liquidation State: Liquidated

Tax regime: Ordinary  
Customer VAT ID: IT12376532451  
Payment Note: Payment in installments  
Payment Method: Cash

**Customer**

Choose Address: No value

Name: ItalySoldTo

Department Name:

Email:

Address 1: Test

Address 2:

City: Milan

State: Select  
Agrigento [AG]  
Alessandria [AL]  
Ancona [AN]

Postal Code:

Country: Alessandria [AL]

Taxable Amount: \$10.00 USD

Rate(%): 0

Tax Amount: \$0.00 USD

Exempt Detail: (no value)

Reason for Tax Exemption: Select  
(N1) Excluding ex Art.15  
(N2) Not Subject  
(N3) Not Taxable  
(N4) Exempt  
(N5) Margin Regime  
(N6) Reverse Charge  
(N7) VAT paid in other EU ...

Date Of Supply: Select

Triangular Tra

The details entered in the supplier legal profile will get auto-populated during invoice creation.

The predefined settings may need to be changed.

# Create and Submit Invoices II

Suppliers now can submit the invoice

Ariba Network

Create Invoice Pre

Confirm and submit this document. It will be electronically signed according to the countries of origin and destination of invoice. This transaction qualifies as Domestic Trade. The document's origin is Italy. If you want your invoices to be stored in the Ariba long term document archiving, you can subscribe to an archiving service. Note that you will also be able to archive old invoices once you are subscribed.

Standard Invoice / Tax Invoice

(Created in the name and on behalf of the Seller)

Invoice Number : ST-Test_02	Subtotal :	2,600.00 EUR
Invoice Date : Wednesday 17 Oct 2018 8:43 PM GMT+02:00	Total Tax :	572.00 EUR
Original Purchase Order : Order123	Total Gross Amount :	3,172.00 EUR
	Total Net Amount :	3,172.00 EUR
	Amount Due :	3,172.00 EUR

**REMIT TO:**

Stefano S.p.A.

Postal Address:  
Via Centrale  
00127 Roma  
Italy

**SUPPLIER:**

Stefano S.p.A.

Postal Address:  
Via Centrale 12  
00127 Roma  
Rome  
Italy

**BILL FROM:**

Stefano S.p.A.

Postal Address:  
jUnitDummy  
CA  
United States

**CUSTOMER:**

buyglo

Postal Address:  
jUnitDummy  
94089 CITY1  
Italy

**SHIPPING INFORMATION:**

**SHIPPING INFORMATION:**

<p><b>SHIP FROM:</b></p> <p>Stefano S.p.A.</p> <p>Postal Address: Via Centrale 00127 Roma Italy</p>	<p><b>SHIP TO:</b></p> <p>buyglo</p> <p>Postal Address: jUnitDummy 94089 CITY1 Italy</p>
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**ADDITIONAL INFORMATION:**

Supplier Commercial Identifier: 740950  
 Supplier VAT/Tax ID: IT3333333333  
 Customer VAT/Tax ID: IT4444444444  
 Payment Method: Transfer  
 Liquidation State: Non - Liquidated  
 Payment Terms: Full Payment  
 Share Holder: Several Shareholders  
 Tax Regime: Ordinary  
 Supplier Commercial Register Court: Rome

**COMMENTS:**

[Ariba added comment: Created in the name and on behalf of the supplier]

Original Purchase Order: Order123

Line No.	Line Ref No.	Type	Part No / Description	Customer Part No.	Qty / Unit	Unit Price	Sub Total
1	10	MATERIAL	10 Table	22	10 / (PCE)	100.00 EUR	1,000.00 EUR

**DETAILS**

Auxiliary Part ID:  
 Manufacturer Part No:  
 Manufacturer Name:  
 Country of Origin:  
 Ad-Hoc: yss  
 Additional Information:

**Tax Details:**

Tax Category	Tax Rate	Tax Rate Type	Taxable Amount	Tax Amount	Tax Location	Description	Tax Regime	Exempt Detail
VAT	22%		1,000.00 EUR	220.00 EUR				

Date of Supply: Wednesday 17 Oct 2018 12:00 AM GMT+02:00

Line No.	Line Ref No.	Type	Part No / Description	Customer Part No.	Qty / Unit	Unit Price	Sub Total
2	20	MATERIAL	20 Chair	33	40 / (PCE)	40.00 EUR	1,600.00 EUR

Subtotal:	1,000.00 EUR
Tax:	220.00 EUR
Gross Amount:	1,220.00 EUR
Net Amount:	1,220.00 EUR

# Invoice Summary, containing the created fatturaPA XML

Once the invoice is submitted, in the Invoice Outbox, the supplier can view the invoice and the approval status.

The invoice, containing the following files, will be sent to the Buyer's system:

- PDF for the fatturaPA XML (if Buyer requested to enable this feature)
- fatturaPA XML
- Acknowledgement of the SDI exchange system (Success or Failure response)

Invoices

Search Filters

Invoices (84)

	Invoice #	Customer	Reference	Submit Method	Origin	Source Doc	Date	Amount	Routing Status	Invoice Status
<input type="radio"/>	ST-Test_02	buyglo	Non-PO	Online	Supplier	Customer Order	17 Oct 2018	3,172.00 EUR	Sent	Sent
<input type="radio"/>	ST-Test_001	buyglo	Non-PO	Online	Supplier	Non-PO	17 Oct 2018	244.00 EUR	Failed	Rejected

## a) PDF of fatturaPA

**FATTURA ELETTRONICA**

Versione FPR12

**Dati relativi alla trasmissione**

Identificativo del trasmittente: [REDACTED]  
 Progressivo di invio: 3  
 Formato Trasmissione: FPR12  
 Codice identificativo destinatario: 0000000

**Dati del cedente / prestatore**

**Dati anagrafici**

Identificativo fiscale ai fini IVA: IT0: [REDACTED]  
 Codice fiscale: 0:  
 Denominazione:  
 Regime fiscale: RI+17 (IVA per cassa - art. 32-bis, D.L. 83/2012)

**Dati della sede**

Indirizzo:  
 Numero c:  
 CAP: 101  
 Comune:  
 Provincia:  
 Nazione:

**Dati del cessionario / committente**

**Dati anagrafici**

Identificativo fiscale ai fini IVA  
 Codice Fiscale  
 Denominazione

**Dati della sede**

Indirizzo:  
 Numero  
 CAP: 11  
 Comuni

## b) FatturaPA XML

```
<?xml version="1.0" encoding="UTF-8"?>
<q1:FatturaElettronica xmlns:q1="http://ivaservizi.agenziaentrate.gov.it/docs/xsd/fatture/v1.2" versione="FPR12">
  <FatturaElettronicaHeader>
    <IdTrasmissione>
      <IdTrasmissione>
        <IdPaese>SE</IdPaese>
        <IdCodice>556613626201</IdCodice>
      </IdTrasmissione>
    </IdTrasmissione>
    <ProgressivoInvio>49291</ProgressivoInvio>
    <FormatoTrasmissione>FPR12</FormatoTrasmissione>
    <CodiceDestinatario>SD4GH9V</CodiceDestinatario>
  </FatturaElettronicaHeader>
  <DatiTrasmissione>
    <IdTrasmissione>
      <IdPaese>IT</IdPaese>
      <IdCodice>333333333333</IdCodice>
    </IdTrasmissione>
    <Anagrafica>
      <Denominazione>Stefano S.p.a.</Denominazione>
    </Anagrafica>
    <RegimeFiscale>RF01</RegimeFiscale>
  </DatiTrasmissione>
  <Sede>
    <Indirizzo>Via Centrale 12</Indirizzo>
    <CAP>00127</CAP>
    <Comune>Roma</Comune>
    <Provincia>RM</Provincia>
    <Nazione>IT</Nazione>
  </Sede>
  <IscrizioneREA>
    <Ufficio>RM</Ufficio>
    <NumeroREA>740950</NumeroREA>
    <CapitaleSociale>100000.00</CapitaleSociale>
    <SocioUnico>SU</SocioUnico>
    <StatoLiquidazione>LN</StatoLiquidazione>
  </IscrizioneREA>
  < CedentePrestatore >
    < CessionarioCommittente >
      < DatiAnagrafici >
        < IdFiscaleIVA >
          < IdPaese > IT </ IdPaese >
          < IdCodice > 4444444444 </ IdCodice >
        </ IdFiscaleIVA >
        < Anagrafica >
          < Denominazione > buyglo </ Denominazione >
        </ Anagrafica >
      </ DatiAnagrafici >
    </ CessionarioCommittente >
  </ CedentePrestatore >
  < Sede >
    < Anagrafica >
      < Denominazione > buyglo </ Denominazione >
    </ Anagrafica >
  </ Sede >
</ q1:FatturaElettronica >
```

## c) SDI Acknowledgement

```
<?xml version="1.0" encoding="UTF-8"?>
<q1:RicevutaConsegna xmlns:q1="http://ivaservizi.agenziaentrate.gov.it/docs/xsd/fatture/messaggi/v1.0" FlussoSemplificato="SI" versione="1.0">
  <IdentificativoSDI>6577</IdentificativoSDI>
  <IdMittente>SE556613626201_00Cap_Ric_001.xml</IdMittente>
  <Hash>b3381d827e3a20a343729c43f6c7e6b016a9e19e4a0615d287a38e83ebc98</Hash>
  <DataOraConsegna>2013-06-06T12:00:00Z</DataOraConsegna>
  <DataOraConsegna>2013-06-06T12:01:00Z</DataOraConsegna>
  <Destinatario>
    <Codice>AAA11</Codice>
    <Descrizione>Amministrazione di prova</Descrizione>
  </Destinatario>
  <MessageId>123456</MessageId>
  <Note>Esempio</Note>
  <Signature xmlns="http://www.w3.org/2000/09/xmldsig#" id="Signature1">
    <SignedInfo>
      <CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#"/>
      <SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
      <Reference Id="reference-document" URI="#">
        <Transforms>
          <Transform Algorithm="http://www.w3.org/2002/06/xmldsig-filter2">
            <XPath xmlns="http://www.w3.org/2002/06/xmldsig-filter2" Filter="subtract"/>
          </Transform>
          <Transform/>
          <SignatureMethod Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
          <DigestValue>c+5ntDv6t4+PxIKUeRbCUGu3ne9RMxoADu4yK4Xtak=</DigestValue>
        </Reference>
        <Reference Id="reference-signedproperties" URI="#SignedProperties_1" Type="http://uri.etsi.org/01903#SignedProperties">
          <DigestMethod Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
          <DigestValue>ANtZ+1PEHy94QwHwI9Bvzsu+3HsI0w+U10x09E=</DigestValue>
        </Reference>
        <Reference Id="reference-keyinfo" URI="#KeyInfo1">
          <DigestMethod Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
          <DigestValue>BaZyFTyxM8a1Htiemni1EwKR75ksXb3lsMqD89w=</DigestValue>
        </Reference>
      </SignedInfo>
      <SignatureValue>
        Id="SignatureValue1" GOFOBC+EBJKD3K2C+LBIv0arzkub7w2q5U1UQZnobWmfBmBz4WzgnBTHKJd1Z2ktj05EwedVtLg55yhAYY6
        Id="KeyInfo1"
      </SignatureValue>
    </Signature>
  </q1:RicevutaConsegna>
```

# SDI process and error handling

# Error handling I

Depending on processing load at the SDI portal, the acknowledgement of an invoice can take some time. The SDI does not currently provide clear SLAs, so clearance can take hours or even days.

Invoices in the Ariba Network will be shown in status “queued” during this time.

Invoices											
Search Filters											
Invoices (19)											
Invoice #	Customer	Reference	Submit Method	Origin	Self Billing	Source Doc	Date ↓	Amount	Routing Status ⓘ	Invoice Status ⓘ	
AribaTest_001		Non-PO	Online	Supplier	No	Non-PO	29 Nov 2018	1,220.00 EUR	Acknowledged	Sent	
Italy_22	Buyer ABC (Test)	Non-PO	Online	Supplier	No	Non-PO	29 Nov 2018	488.00 EUR	Failed	Rejected	

Invoices typically can get rejected by SDI due to wrong master data (e. g. wrong VAT-IDs) or wrong invoice data (The Ariba Network provides basic validation, and will improve these validations in future releases. In case of a rejection, suppliers can view the **History Tab** of the invoice to understand the potential issue and create a new invoice:

Detail | Scheduled Payments | History

**Rejected Invoice:**  
Reasons:  
INV-38: The invoice was successfully received.  
DOC-51: Digital signature is requested for this document with From country IT and To country IT  
null-0: DocumentDataInvalid:The 'Numero' element is invalid - The value 'Ariba\_Supplier\_Test\_001' is invalid according to its datatype 'http://ivaservizi.agenziaentrate.gov.it/docs/xsd/fatture/v1.2:String20Type' - The Pattern constraint failed.  
INV-154: Invoice signature result - 500 - Partner was not able to sign the document. - Informed reason: Partner was not able to sign the document.  
DOC-1: Invoice validation failed.  
DOC-145: Partner was not able to sign the document.  
DOC-52: This document has been digitally signed.  
DOC-53: This document has been digitally verified.

Invoice could be rejected due to buyer business rules. Check the History tab for the reason the buyer rejected this invoice, or contact the buyer.

**History**

Status	Comments
	The invoice was successfully received.
	Digital signature is requested for this document with From country IT and To country IT
	DocumentDataInvalid:The 'Numero' element is invalid - The value 'Ariba_Supplier_Test_001' is invalid according to its datatype 'http://ivaservizi.agenziaentrate.gov.it/docs/xsd/fatture/v1.2:String20Type' - The Pattern constraint failed.
	INV-154: Invoice signature result - 500 - Partner was not able to sign the document. - Informed reason: Partner was not able to sign the document.

# Error Handling II

If the Buyer has enabled the SDI flow, but the Supplier has not created a **Legal Profile**, the Invoice will not be submitted to SDI and will be failed in the Ariba Network.

History	
Status	Comments
	The invoice was successfully received.
	Your buyer requires you to create an Italy specific legal profile in Ariba Network. If you do not create a legal profile, your invoices will fail SDI clearance.
	DOC-18: Document dispatch failed. ?
Failed	Invoice tax compliance failed.