

## **Oracle® Retail MICROS Stores2**

Functional Document

Italy – Electronic Invoice

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## Contents

Introduction .....	1
Overview .....	1
Software requirements .....	2
Stores2 .....	2
Configuration .....	2
Country.....	2
Store.....	3
General settings .....	3
Currencies .....	4
VAT Codes .....	4
Invoice.....	5
Issue the invoice.....	5
Layout.....	6
Export.....	6
XML .....	7
Recap.....	9
Settings checklist.....	9

**Note:** The rebranding for the latest version of this documentation set is in development as part of post MICROS acquisition activities. References to former MICROS product names may exist throughout this existing documentation set.

## Introduction

### Overview

Italy B2B electronic invoicing is based on the existing B2G electronic invoicing requirement introduced in June 2014.

B2G electronic invoice must be transmitted by electronic means to the electronic platform named “Exchange System” (“Sistema di Interscambio” also named “SDI”) handled by Sogei (software factory for the Italian Ministry of Finance).

On August 2015, the Italian Government issued a legislative decree in order to encourage B2B electronic invoice. This legislative decree stated that:

- Companies and professional individuals could opt for the B2B Electronic Invoicing. By doing so, they would no longer be obliged to fulfill other fiscal obligations.
- Applicability date of this optional choice was January 1, 2017.

On November 2016, the Italian Revenue Agency published the technical specifications for B2G and B2B electronic invoices. The main characteristics were:

- The existing business flow of the B2G Electronic Invoicing was to be extended to the B2B Electronic Invoicing. Thus, both B2B and B2G electronic invoices had to be transmitted by electronic means to the existing electronic platform named the “Exchange System” (Sdi)
- The same XML template was applicable to both, B2B and B2G Electronic Invoices
- Few additional data elements were required and minor compliance changes applied to existing data elements

The Italian Budget Law for 2018 (Law no. 205/2017), modifying the Legislative Decree no. 127/2015, introduced the obligation of electronic invoicing for B2B domestic transactions.

The general business-to-business (B2B) and business to consumer (B2C) electronic invoicing obligation will apply:

- From January 1, 2019 with respect to transactions performed between persons established or resident in Italy, permanent establishments in Italy of foreign taxable persons, as well as Italian Value Added Tax (VAT) registrations of non-established taxable persons.

On 30 April 2018, Italian Revenue Agency published a Provision (“Provvedimento 89757/2018”) with clarifications about electronic invoicing flow.

As per this provision, the electronic invoice must only be transmitted using the Interchange Exchange System (Sistema di Interscambio – SDI), managed by the Italian Tax Authorities.

Moreover:

- The electronic invoice must be issued in a specific format,
- An invoice issued in a different format (paper, other formats) or not transmitted via the SdI is considered as “not issued” and consequent penalties may apply,
- The communication of invoice data (Spesometro) will no longer be due for e-Invoiced transactions.

## Software requirements

The requirement will be met by creating the XML file for each invoice and making it available for transmission.

## Stores2

### Configuration

#### Country

The country management form was changed with the addition of a new flag “Enable electronic invoice”. The country code (or the ISO code) shall be IT.

The screenshot shows the 'Country management' dialog box with the following fields and settings:

- Code:** IT
- Description:** Italy
- Currency:** EUR Euro
- Tax information:**
  - TaxFree code: 380
  - Code mod. UNICO:
  - ISO Code 2:
  - Province length: 2
- Encryption:**
  - Algorithm:
- Enable electronic invoice:** ☒ (highlighted with a red rectangle)
- EU Area:** ☒
- Certification No:**
- Logo:**
- Certificates:**

Beginning date	End date	Certificates	Cancel
- Additional information:**
  - VAT Check:**
    - ☐ Not mandatory
    - ☐ Mandatory
    - ☒ Mandatory with control
  - Fiscal code check:**
    - ☐ Not mandatory
    - ☐ Mandatory
    - ☒ Mandatory with control
  - Service for verify existence:** Intra CEE
- Customers:**
  - CRM management:**
    - ☐ CRM visibility web
    - ISO code:
    - ISO language:
    - Stores2:
    - Layout code: 99 Default
  - B2C management:**
    - ISO code:
    - Majority: 0

This flag is the only setting required in order to enable the electronic invoice management on the country, anyhow the system shall have all the information required in the electronic invoice.

## Store

In order to have all the required information on the electronic invoice, the store need to have an invoicing address selected.

The screenshot shows the 'Management of geographic shops' window with the following fields and values:

Field	Value
Code	001
ID	2
Acronym	
Description	MILANO
Corporate name	ORACLE
Depends on	000 SEDE
Country	IT Italia
Zip Code	20092
City	CINISELLO BALSAMO
Address	
Extended address	
Province	MI Milano
State	
<b>Invoice address</b>	<b>ORACLE STORES2 IT Viale Fulvio Testi,</b>
Language	Italian (Italy)
Description language	
Print language	Italian (Italy)
Print descriptions language	

## General settings

The invoicing address is defined in General settings:

The screenshot shows the 'General parameters' window with the 'Addresses' tab selected. The 'Shipping addresses management' window is also visible below it.

**General parameters - Addresses tab:**

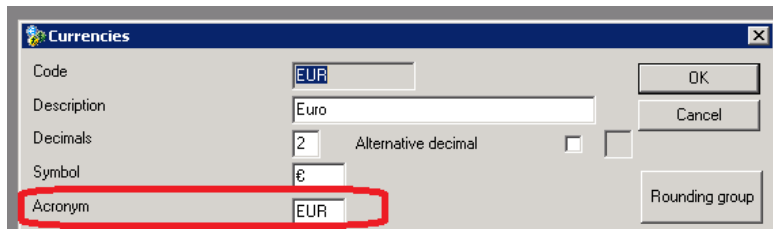
- Company description: ORACLE STORES2
- ☐ Sincronize date between server and client
- ☐ Allow change for general parameters only for the head shop
- ☒ Disable check on duplicate workstation code and shared database
- Manage type of reply "Ignore" in standard error messages: 0 - Always allowed
- System messages: **Addresses**

**Shipping addresses management:**

Field	Value
Shop	
Code	
Address Code	1
Corporate name	ORACLE STORES2 IT
Zip Code	20092
City	CINISELLO BALSAMO
Address	Viale Fulvio Testi, 136
Province	MI Milano
Country	Italia
State	
VAT number	03189950961
Description 1	01603630599
Description 2	RF01
Description 3	05793980963
Description 4	IT
Notes	Description 1 is the fiscal ID; Description 2 is the tax regime; Description 3 is the fiscal code of the sender. Description 4 is the country of the sender.

## Currencies

The acronym of the currency will be used in the XML of the electronic invoice.



The 'Currencies' dialog box shows the following fields:

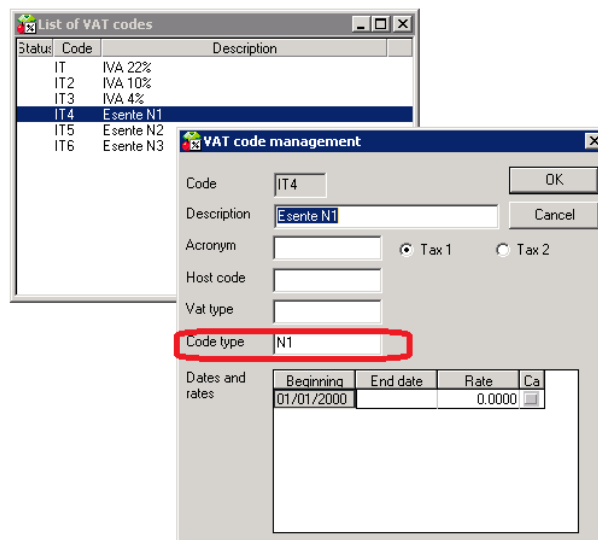
- Code: EUR
- Description: Euro
- Decimals: 2
- Symbol: €
- Acronym: EUR (highlighted with a red rectangle)

## VAT Codes

In case of tax exemption in the sale, for one item or for the entire sale, on the electronic invoice it is required to have the reason code of the tax exemption. This code needs to be inserted in the field “Code type” as shown in the image below.

Actually, codes supported from the web-service of the government are the following:

- N1 - Escluse ex. art. 15;
- N2 - Non soggette;
- N3 - Non Imponibili;
- N4 - Esenti;
- N5 - Regime del margine;
- N6 - Inversione contabile;
- N7 - IVA assolta in altro stato UE.



The 'List of VAT codes' dialog box shows the following table:

Status	Code	Description
IT	IVA 22%	
IT2	IVA 10%	
IT3	IVA 4%	
IT4	Esente N1	
IT5	Esente N2	
IT6	Esente N3	

The 'VAT code management' dialog box shows the following fields:

- Code: IT4
- Description: Esente N1
- Acronym:
- Host code:
- Vat type:
- Code type: N1 (highlighted with a red rectangle)

The 'Dates and rates' table in the 'VAT code management' dialog box shows the following data:

Beginning	End date	Rate	Ca
01/01/2000		0.0000	

## Invoice

### Issue the invoice

The steps for the creation of the invoice are the same of the previous version.

Once the user chose to create the invoice, he is prompted to insert the data for the customer, where few changes have been done:

- Only if the electronic invoice is enabled, two new fields are shown:
  - Identification code;
  - Certified e-mail (instead of the standard one).
- The button “Customer search” has been moved in the bottom of the form. This was done because the space on the form was not enough in case of low screen resolution.

The screenshot shows a software window titled "Invoice". It contains a form for entering customer information. At the top, there is a checkbox labeled "Physical person" which is checked. Below this are several text input fields: "Last name", "Name", "Address", "City", "Zip Code", "Province", "Country" (with a dropdown menu showing "IT Italia"), "Fiscal code", "VAT number", "Nr. Reg", "Fiscal attribute", and "Bank". Two additional fields, "Identification code" and "Certified e-mail", are highlighted with a red rectangular box. Below these fields, there is a section for invoice details: "Number" (with the value "32" and a checked "Automatic numbering" checkbox), "Date" (with the value "10/15/2018" and a calendar icon), and a "Note" text area. At the bottom of the form, there are three buttons: "F12 - Customer search" (highlighted with a red rectangular box), "OK", and "Cancel".

The identification code shall contain numbers or letters, it is required and can be of 6 or 7 digits, while the certified e-mail shall be a formally valid e-mail, but it is not mandatory.

*If the electronic invoice is not enabled, the behavior is like the previous version of the application, but the position of the button “Customer search” will be always at left bottom.*



After the confirmation of the invoice issuing, the application will also create the XML of the electronic invoice and store it into the database.

The electronic invoice XML will be not created for foreigner customers; our suggestion is to set the Identification code to “XXXXXXX” for them.

#### Layout

The retailer shall update the invoice layout including the two new information, with the support of the system integrator if required.

#### Export

The electronic invoice will be exported during the standard process of “Export data to host”.

For each invoice that is going to be exported to host, if the electronic invoice xml exists, the file xml will be created into the subfolder “FattureElettroniche” of the folder where the application exports data to host.

It is possible to define a different export path with a new key on the Store2.ini:

```
[FattureElettroniche]  
Path=C:\ExportFattureElettroniche\
```

The name of the files will be composed as:

“IT” + Fiscal code of the legal entity of the store who issued the invoice + “\_” + numeric counter (5 digits).

The numeric counter will look for electronic invoices XMLs in the folder and continue the progressive increment.

If the host export will be configured “via database” and the export path will be not defined, the folder FattureElettroniche will be created into the folder of Stores2.

## XML

In the following images is shown the source of each field of the electronic invoice.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ns2:FatturaElettronica xmlns:ns2="http://ivaservizi.agenziaentrate.gov.it/docs/xsd/fatture/v1.2" versione="FPR12">
  <FatturaElettronicaHeader>
    <DatiTrasmissione>
      <IdTrasmittente>
        <IdPaese>IT</IdPaese>
        <IdCodice>05793960963</IdCodice>
      </IdTrasmittente>
      <ProgressivoInvio>0011800003</ProgressivoInvio>
      <FormatoTrasmissione>FPR12</FormatoTrasmissione>
      <CodiceDestinatario>00000000</CodiceDestinatario>
      <PECDestinatario>pec@rossi.it</PECDestinatario>
    </DatiTrasmissione>
    <CedentePrestatore>
      <DatiAnagrafici>
        <IdFiscaleIVA>
          <IdPaese>IT</IdPaese>
          <IdCodice>03189950961</IdCodice>
        </IdFiscaleIVA>
        <CodiceFiscale>01603630599</CodiceFiscale>
        <Anagrafica>
          <Denominazione>ORACLE STORES2 IT</Denominazione>
          <RegimeFiscale>RF01</RegimeFiscale>
        </Anagrafica>
      </DatiAnagrafici>
      <Sede>
        <Indirizzo>Viale Fulvio Testi, 136</Indirizzo>
        <CAP>20092</CAP>
        <Comune>CINISELLO BALSAMO</Comune>
        <Provincia>MI</Provincia>
        <Nazione>IT</Nazione>
      </Sede>
    </CedentePrestatore>
    <CessionarioCommittente>
      <DatiAnagrafici>
        <CodiceFiscale>RSSMRA80L30D345B</CodiceFiscale>
        <Anagrafica>
          <Nome>Mario</Nome>
          <Cognome>Rossi</Cognome>
        </Anagrafica>
      </DatiAnagrafici>
      <Sede>
        <Indirizzo>Viale Fulvio Testi 136</Indirizzo>
        <CAP>20092</CAP>
        <Comune>Cinisello Balsamo</Comune>
        <Provincia>MI</Provincia>
        <Nazione>IT</Nazione>
      </Sede>
    </CessionarioCommittente>
  </FatturaElettronicaHeader>
  <!-- IndirizziSpedizione.Descrizione4 -->
  <!-- IndirizziSpedizione.Descrizione3 -->
  <!-- FattureTestate.Nodo + FattureTestate.Anno + FattureTestate.Numero-->
  <!-- Fixed value-->
  <!-- FattureTestate.IDFiscale-->
  <!-- FattureTestate.PEC-->
  <!-- IndirizziSpedizione.Nazione - NazioniCodiceIso -->
  <!-- IndirizziSpedizione.PartitaIVA -->
  <!-- IndirizziSpedizione.Descrizione1 -->
  <!-- IndirizziSpedizione.RagioneSociale -->
  <!-- IndirizziSpedizione.Descrizione2 -->
  <!-- IndirizziSpedizione.Indirizzo -->
  <!-- IndirizziSpedizione.CAP -->
  <!-- IndirizziSpedizione.Localita -->
  <!-- IndirizziSpedizione.Provincia -->
  <!-- IndirizziSpedizione.Nazione - NazioniCodiceIso -->
  <!-- FattureTestate.CodiceFiscale -->
  <!-- FattureTestate.RagioneSociale -->
  <!-- FattureTestate.Cognome -->
  <!-- FattureTestate.Indirizzo -->
  <!-- FattureTestate.CAP -->
  <!-- FattureTestate.Localita -->
  <!-- FattureTestate.Provincia -->
  <!-- FattureTestate.Nazione - NazioniCodiceIso -->
```

```

<FatturaElettronicaBody>
  <DatiGenerali>
    <DatiGeneraliDocumento>
      <TipoDocumento>TD01</TipoDocumento> <!-- TD01: Invoice; TD04: Credit Note -->
      <Divisa>EUR</Divisa> <!-- Valuta: Acronimo -->
      <Data>2018-12-11</Data> <!-- FattureTestate.Data -->
      <Numero>00118FA-3</Numero> <!-- FattureTestate.Nodo + FattureTestate.Anno + FattureTestate.Tipo + '-' + FattureTestate.Numero -->
      <ImportoTotaleDocumento>410.14</ImportoTotaleDocumento> <!-- FattureTestate.Valore -->
    </DatiGeneraliDocumento>
  </DatiGenerali>
  <DatiBeniServizi>
    <DettagliLinee>
      <NumeroLinea>1</NumeroLinea> <!-- MovimentiRighe.Riga -->
      <Descrizione>Item with IVA 22</Descrizione> <!-- Prodotti.Descrizione -->
      <Quantita>1.00</Quantita> <!-- MovimentiRighe.QtaRiga -->
      <PrezzoUnitario>122.9500019</PrezzoUnitario> <!-- MovimentiRighe.RicavoNetto / MovimentiRighe.QtaRiga * 100 / (100 + MovimentiRighe.AliquotaIva) -->
      <PrezzoTotale>122.95</PrezzoTotale> <!-- MovimentiRighe.RicavoNetto / MovimentiRighe.QtaRiga * 100 / (100 + MovimentiRighe.AliquotaIva) * MovimentiRighe.QtaRiga -->
      <AliquotaIVA>22.00</AliquotaIVA> <!-- MovimentiRighe.AliquotaIva -->
      <AltriDatiGestionali>
        <TipoData>SCONTRINO</TipoData> <!-- Fixed value-->
        <RiferimentoTesto>001-2018-VE-001</RiferimentoTesto> <!-- MovimentiTestate.Nodo + MovimentiTestate.Anno + MovimentiTestate.Tipo + MovimentiTestate.NodoOrigine -->
        <RiferimentoNumero>1.00</RiferimentoNumero> <!-- MovimentiTestate.NumeroScontrino -->
        <RiferimentoData>2018-12-11</RiferimentoData> <!-- MovimentiTestate.Data -->
      </AltriDatiGestionali>
    </DettagliLinee>
    <DettagliLinee>
      <NumeroLinea>2</NumeroLinea>
      <Descrizione>Item with IVA 10</Descrizione>
      <Quantita>5.00</Quantita>
      <PrezzoUnitario>38.300000</PrezzoUnitario>
      <PrezzoTotale>151.50</PrezzoTotale>
      <AliquotaIVA>10.00</AliquotaIVA>
      <AltriDatiGestionali>
        <TipoData>SCONTRINO</TipoData>
        <RiferimentoTesto>001-2018-VE-001</RiferimentoTesto>
        <RiferimentoNumero>1.00</RiferimentoNumero>
        <RiferimentoData>2018-12-11</RiferimentoData>
      </AltriDatiGestionali>
    </DettagliLinee>
    <DettagliLinee>
      <NumeroLinea>3</NumeroLinea>
      <Descrizione>Item with IVA 4</Descrizione>
      <Quantita>1.00</Quantita>
      <PrezzoUnitario>9.60769</PrezzoUnitario>
      <PrezzoTotale>9.60</PrezzoTotale>
      <AliquotaIVA>4.00</AliquotaIVA>
      <AltriDatiGestionali>
        <TipoData>SCONTRINO</TipoData>
        <RiferimentoTesto>001-2018-VE-001</RiferimentoTesto>
        <RiferimentoNumero>1.00</RiferimentoNumero>
        <RiferimentoData>2018-12-11</RiferimentoData>
      </AltriDatiGestionali>
    </DettagliLinee>
    <DettagliLinee>
      <NumeroLinea>4</NumeroLinea>
      <Descrizione>Item without IVA (N1)</Descrizione>
      <Quantita>1.00</Quantita>
      <PrezzoUnitario>8.140000</PrezzoUnitario>
      <PrezzoTotale>8.14</PrezzoTotale>
      <AliquotaIVA>0.00</AliquotaIVA>
      <Natura>N1</Natura> <!-- CodiciIvaTestate.TipoCodice If MovimentiRighe.AliquotaIva = 0 -->
      <AltriDatiGestionali>
        <TipoData>SCONTRINO</TipoData>
        <RiferimentoTesto>001-2018-VE-001</RiferimentoTesto>
        <RiferimentoNumero>1.00</RiferimentoNumero>
        <RiferimentoData>2018-12-11</RiferimentoData>
      </AltriDatiGestionali>
    </DettagliLinee>
    <DettagliLinee>
      <NumeroLinea>4</NumeroLinea>
      <Descrizione>Item without IVA (N1)</Descrizione>
      <Quantita>1.00</Quantita>
      <PrezzoUnitario>8.140000</PrezzoUnitario>
      <PrezzoTotale>8.14</PrezzoTotale>
      <AliquotaIVA>0.00</AliquotaIVA>
      <Natura>N1</Natura> <!-- CodiciIvaTestate.TipoCodice If MovimentiRighe.AliquotaIva = 0 -->
      <AltriDatiGestionali>
        <TipoData>SCONTRINO</TipoData>
        <RiferimentoTesto>001-2018-VE-001</RiferimentoTesto>
        <RiferimentoNumero>1.00</RiferimentoNumero>
        <RiferimentoData>2018-12-11</RiferimentoData>
      </AltriDatiGestionali>
    </DettagliLinee>
    <DettagliLinee>
      <NumeroLinea>5</NumeroLinea>
      <Descrizione>Item without IVA (N2)</Descrizione>
      <Quantita>1.00</Quantita>
      <PrezzoUnitario>75.360000</PrezzoUnitario>
      <PrezzoTotale>75.36</PrezzoTotale>
      <AliquotaIVA>0.00</AliquotaIVA>
      <Natura>N2</Natura>
      <AltriDatiGestionali>
        <TipoData>SCONTRINO</TipoData>
        <RiferimentoTesto>001-2018-VE-001</RiferimentoTesto>
        <RiferimentoNumero>1.00</RiferimentoNumero>
        <RiferimentoData>2018-12-11</RiferimentoData>
      </AltriDatiGestionali>
    </DettagliLinee>
    <DatiRiepilogo> <!-- SUM of previous data -->
      <AliquotaIVA>0.00</AliquotaIVA>
      <Natura>N1</Natura>
      <ImponibileImporto>8.14</ImponibileImporto>
      <Imposta>0.00</Imposta>
    </DatiRiepilogo>
    <DatiRiepilogo>
      <AliquotaIVA>0.00</AliquotaIVA>
      <Natura>N2</Natura>
      <ImponibileImporto>75.36</ImponibileImporto>
      <Imposta>0.00</Imposta>
    </DatiRiepilogo>
    <DatiRiepilogo>
      <AliquotaIVA>4.00</AliquotaIVA>
      <ImponibileImporto>9.61</ImponibileImporto>
      <Imposta>0.38</Imposta>
    </DatiRiepilogo>
    <DatiRiepilogo>
      <AliquotaIVA>10.00</AliquotaIVA>
      <ImponibileImporto>151.50</ImponibileImporto>
      <Imposta>15.15</Imposta>
    </DatiRiepilogo>
    <DatiRiepilogo>
      <AliquotaIVA>22.00</AliquotaIVA>
      <ImponibileImporto>122.95</ImponibileImporto>
      <Imposta>27.05</Imposta>
    </DatiRiepilogo>
  </DatiBeniServizi>
</FatturaElettronicaBody>
</ns2:FatturaElettronica>

```

## Recap

### Settings checklist

Please use this checklist in order to double check if your system is configured correctly.

Menu	Configuration	Done
Country	The country code (or the ISO code) for Italy is IT.	<input type="checkbox"/>
Country	The flag "Enable electronic invoice" is selected.	<input type="checkbox"/>
General Settings	An address representing the legal entity of each Italian store exists.	<input type="checkbox"/>
Store settings	The invoicing address is selected.	<input type="checkbox"/>
Currencies	Set the acronym.	<input type="checkbox"/>
VAT Codes	Tax exemption reason codes in VAT codes used in Italy.	<input type="checkbox"/>
Store2.ini	(HQ) Define the export path for electronic invoices XML.	<input type="checkbox"/>
Invoice report	Insert the certified e-mail and the identification code (System Int.)	<input type="checkbox"/>