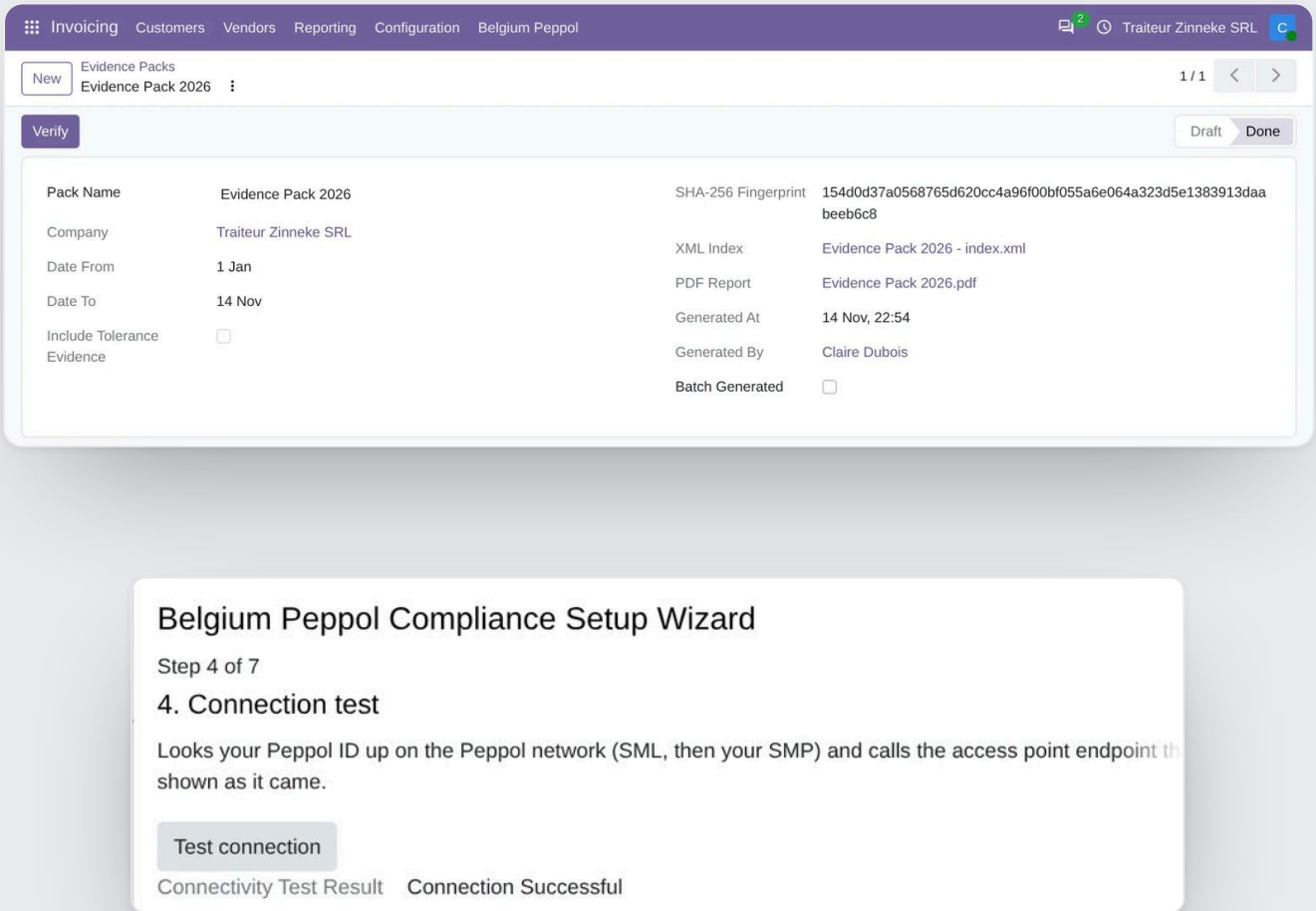
MODULE GUIDE · INVOICING AND TAX

# Belgium Peppol for Odoo

Set up and watch your Belgian Peppol alongside Odoo's: a 7-step wizard with a real connection test and evidence packs. Odoo still does the sending.

Odoo 17 · 18 · 19 · 20 | 14-day trial, no card | Edition of 18-11-2026




**Real Odoo 20 screenshot.** In the left, a test pack with its SHA-256 fingerprint and, on the right, step 4 of the wizard with the Peppol ID connection test.

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On the right, the page where each chapter starts. Menu and button names are those of Odoo in English.


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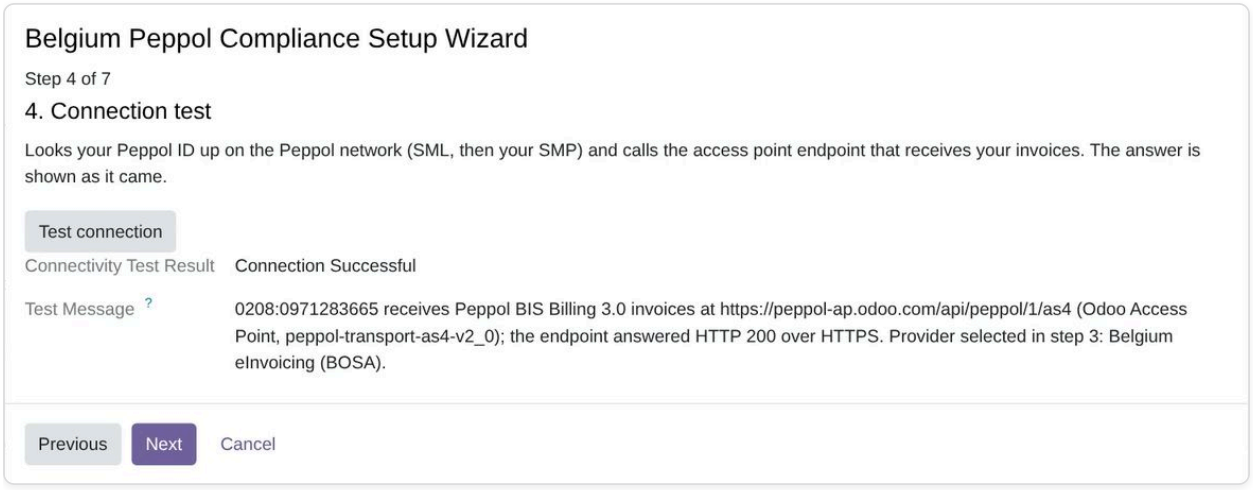

This guide describes version 20.0.1.1.10 of the module (Odoo branch 20.0, commit 54ab39d37e). Everything in it comes from its published code, the platform's official documentation or real screenshots.

The screenshots come from a test Odoo 20 database, with a made-up company and data and no real connection to FlexigoTech Cloud. The module also has a version for Odoo 17, 18 and 19.

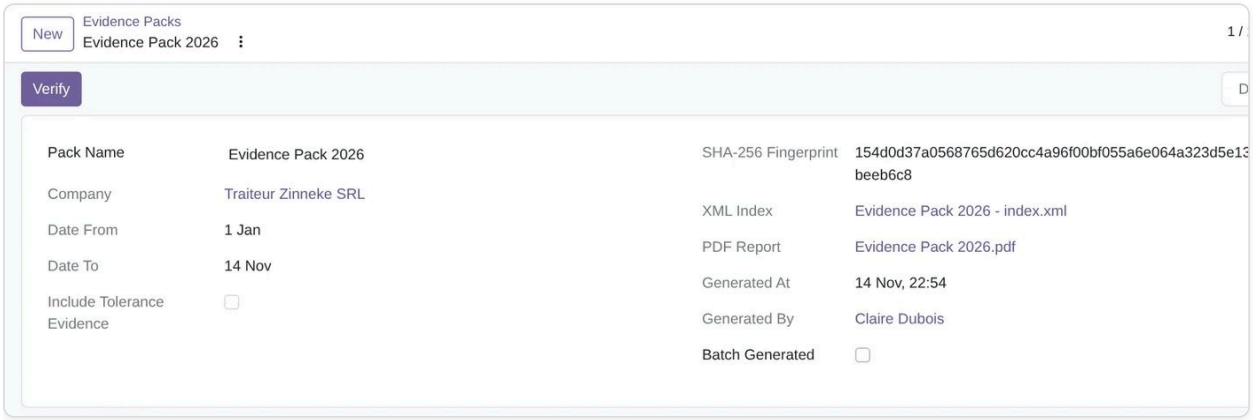
# 1 Who it is for and what it solves

Without the module, each contact is checked on Peppol from its record, one by one. You do not know whether the UBL XML that Odoo stored for each invoice is still intact in the archive. And when someone asks you to prove how the company was set up, you have to gather the data from several places.

With the module, a 7-step wizard leaves a compliance profile per company. It includes a real connection test that looks up your ID on the Peppol network: it queries the SML via DNS, then the participant's SMP, and calls the access point it names. The wizard also looks up up to 500 contacts with VAT numbers in one go. The only thing that leaves Odoo towards the network is the Peppol ID being looked up.



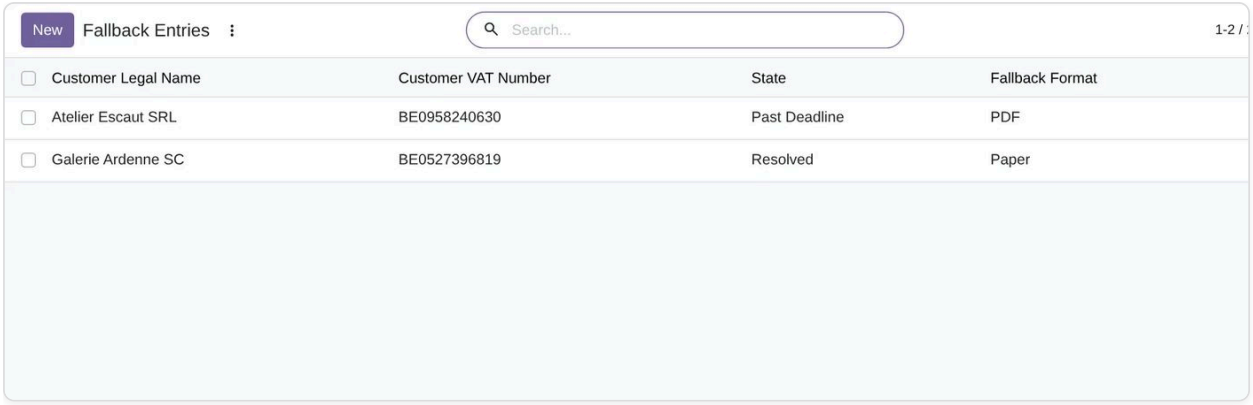

- **Real Odoo 20 screenshot.** Step 4 of the wizard: the connection test with its result.




- **Real Odoo 20 screenshot.** A test pack with its SHA-256 fingerprint and the XML index.

## What changes day to day

- In the wizard you see at once which contacts are registered on Peppol and which are not, including those that only have a Belgian VAT number.
- The archive scan warns you if the XML of an invoice exchanged over Peppol no longer matches the checksum that Odoo stored.
- You generate a test pack sealed with a SHA-256 fingerprint that the PDF prints, and one button recalculates everything.
- If you manage several companies, you generate the packs for all of them at once.
- An invoice that went out outside Peppol is recorded as a fallback, with its justification, who approved it and its follow-up date.




**Real Odoo 20 screenshot.** The fallback list, with one of them overdue and another resolved.

## What it does not do

- It does not send or receive invoices: that is done by Odoo's Peppol.
- It does not generate the UBL XML of the invoices.
- It does not validate invoices before sending them: the validation rules in its menu cannot be run from any screen.
- The module's transmission log stays empty: the import that would fill it has no button.
- It does not send email notifications: alerts are seen inside Odoo.
- Its screens are in English in all languages.

## Structured e-invoicing between businesses in Belgium

From 1 January 2026, Belgian VAT-liable businesses must use structured electronic invoices in transactions between them: a PDF sent by email is no longer enough. This is set by the law of 6 February 2024 (Moniteur belge of 20 February 2024). With private customers it is not required, but you must be able to receive electronic invoices from your suppliers.

The Royal Decree of 8 July 2025 (Moniteur belge of 14 July 2025) sets out how: the invoice is issued in the Peppol BIS format, in its UBL version, and sent over the Peppol network; another format that complies with the European standard, or another digital channel, only by agreement between the parties; and whoever agrees on another format must also have the technical means to issue and receive invoices in Peppol BIS.

Not having the technical means at all to issue and receive a structured electronic invoice is fined 1,500 euros the first time, 3,000 euros the second and 5,000 euros thereafter (article 5 of the same Royal Decree). According to the official FAQ, an infringement only counts as a second or subsequent one if it is established at least three months after the previous one that was fined. The usual fines for not issuing the invoice or for issuing it with errors also still apply.

For the first three months of 2026, the SPF Finances announced that it would not apply sanctions for infringements specific to the new obligation if the company could show that it had taken timely and reasonable steps to comply, that each case would be assessed separately, and that there would be no general postponement. For self-billing it announced flexibility until 30 June 2026, if the company showed that its software provider was still implementing it. And since 20 February 2026, if the customer cannot receive a structured invoice for technical reasons, it need not be issued in that format, although an invoice must still be issued.

The reporting of invoice data to the authorities (e-reporting) appears in the federal government agreement, with 2028 as the expected date, but it is not yet law, according to the official FAQ. Invoices must be kept for seven years from 1 January of the year following their issue.

# 2 The module in figures

**17, 18, 19 and 20**
Odoo versions

**7**
days between one scan and the next

**4**
scheduled tasks

**15**
menus of its own in the module

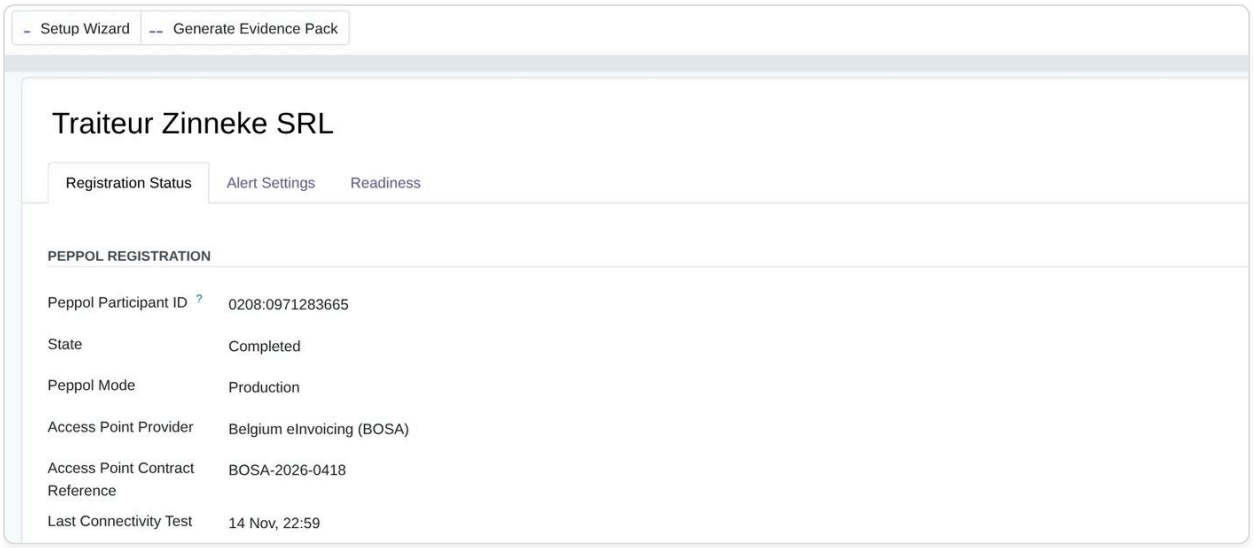
**6684**
lines of code

**110**
automated tests

The module depends on Odoo's Peppol app (account_peppol) and on the UBL XML generation (account_edi_ubl_cii). Both are from Odoo Community, so it works on Community and on Enterprise.



# 3 Where you see it in your Odoo




- **Real Odoo 20 screenshot.** The compliance profile of a company, with its wizard and test pack buttons.

Everything hangs from the menu **Invoicing › Belgium Peppol**. The module's screens appear in English in all languages.

| | |
|---|---|
| **Invoicing › Belgium Peppol › Dashboard** | Opens a new, blank compliance profile for the active company. Use it to create the first one: only one fits per company. |
| **Invoicing › Belgium Peppol › Configuration › Compliance Profiles** | The profiles already created, one per company, with their Peppol ID, the mode, the noted access point and the wizard status. |
| **Invoicing › Belgium Peppol › Configuration › Access Points** | The list of access points; it comes with 2 records on installation. |

| | |
|---|---|
| **Invoicing › Belgium Peppol › Configuration › VAT Category Mappings** | Each sales tax with its Peppol VAT category. |
| **Invoicing › Belgium Peppol › Logs & Audit › Archive Scans** | The results of the archive scan, with the button to run it. |
| **Invoicing › Belgium Peppol › Logs & Audit › Alerts** | The alerts inside Odoo. |
| **Invoicing › Belgium Peppol › Logs & Audit › Evidence Packs** | The sealed test packs of each company. |
| **Invoicing › Belgium Peppol › Logs & Audit › Batch Evidence Packs** | The wizard that generates packs for several companies at once. |
| **Invoicing › Belgium Peppol › Logs & Audit › Fallback Entries** | The fallbacks: invoices that went out outside Peppol. |

**Configuration** is only visible to the group **Belgium Peppol / Manager** and to those who include it; the administrator has it from installation. The menu also shows **Validation Rules**, **Transmission Log** and **2028 Readiness**. The validation rules cannot be run from any screen, and the transmission log stays empty, because the import that would fill it has no button. **2028 Readiness** is a list of points you tick yourself about the planned 2028 e-reporting, which is not yet law; its points do not come from any regulation.

Outside its menu, the module adds four scheduled tasks and, in Settings, the FlexigoTech Cloud block with the status of your subscription.

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# 4 What you need before you start

- Odoo 17, 18, 19 or 20, on Odoo.sh or on your own server. It does not work on Odoo Online, which does not allow installing third-party modules.
- The apps the module depends on: Invoicing, Odoo's Peppol with its UBL format, and Contacts.
- The Belgian VAT number and the company number (BCE/KBO) of your company.
- Your Peppol ID, with its scheme first and separated by a colon, for example 0208 and the company number.
- A user with the group **Belgium Peppol / Manager** for the set-up. The administrator has it from installation.
- The FlexigoTech Cloud subscription or its 14-day trial.
- At least one contact with a VAT number: without it, step 6 of the wizard will not let you continue.

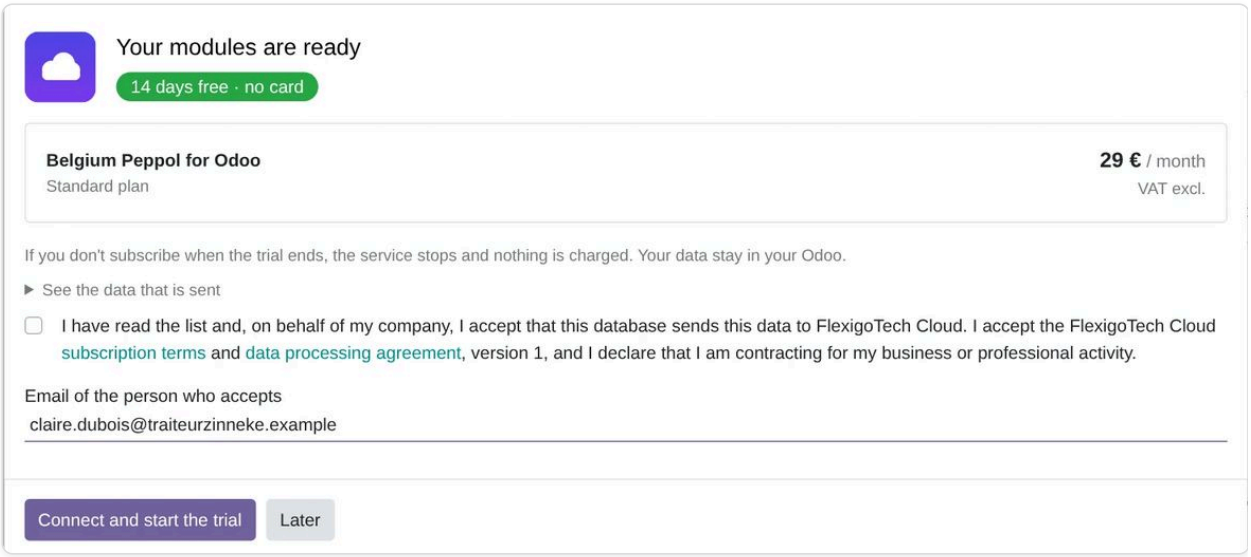
> The module does not register you on Peppol nor send or receive your invoices. That is done by Odoo's Peppol, and the module works alongside it. Nor does it generate the UBL XML of the invoices or validate them before sending.

It is installed like any third-party Odoo module, on Odoo.sh or on your server. Odoo installs at the same time `flexigotech_cloud`, the connection to FlexigoTech Cloud, and the apps it depends on: Invoicing, Peppol and Contacts.

# 5 The FlexigoTech Cloud trial

### 1 Click Activate in the top bar

It appears as soon as you install the module. It opens the **Activate FlexigoTech Cloud** window, with the Standard plan and its 14 free days, no card required.




- **Real Odoo 20 screenshot.** The activation window: read the list of data, tick the box and enter your email.

### 2 Accept and enter your email

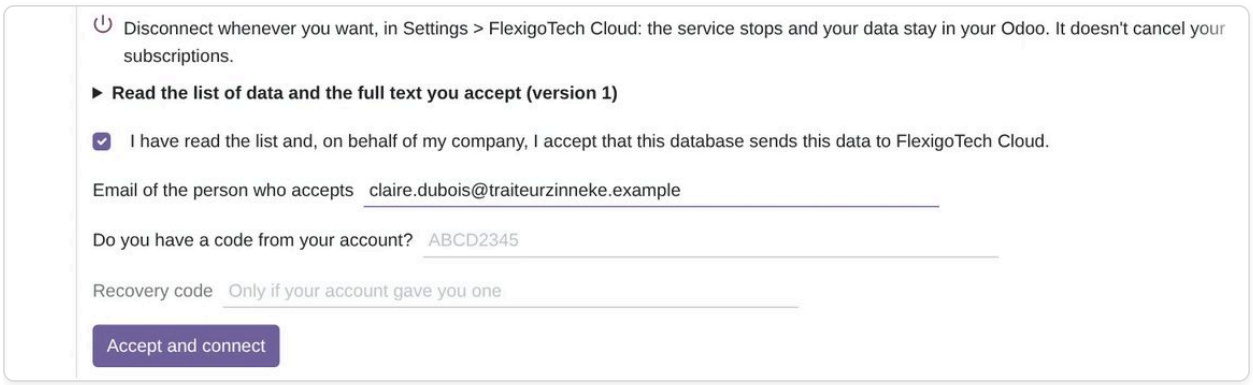
Tick «I have read the list and, on behalf of my company…» (it includes the subscription terms and the data processing agreement) and enter the **Email of the person who accepts**.

### 3 Click Connect and start the trial

Odoo registers the database with FlexigoTech Cloud and starts the module's trial. If you leave it for later, **Later** closes the window.

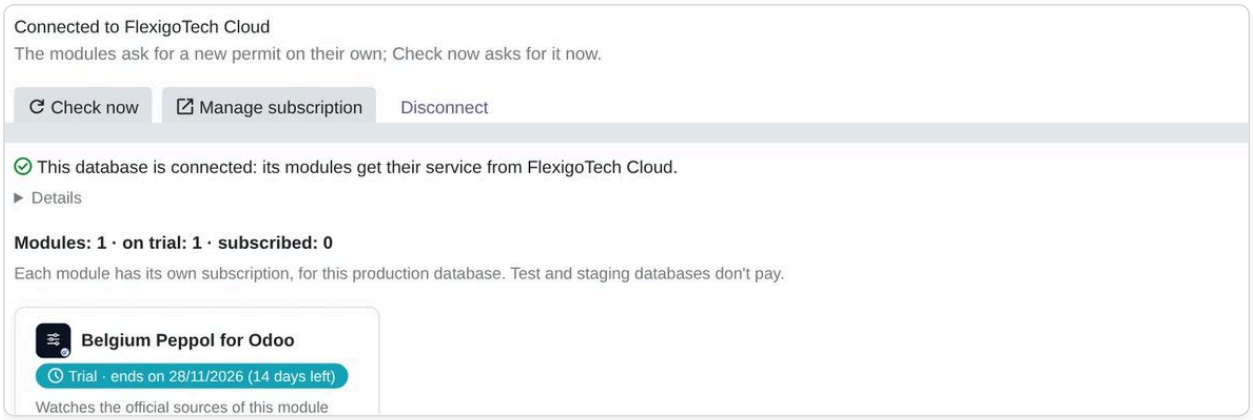
## The same, from Settings

In **Settings › FlexigoTech Cloud** is the full list of what the database sends. Tick the box, enter the email and click **Accept and connect**. If you already have an account at app.flexigotech.com, the field **Do you have a code from your account?** links the database to it (the code is valid for 10 minutes).




- **Real Odoo 20 screenshot.** Settings › FlexigoTech Cloud, before connecting: the box ticked, the email and **Accept and connect**.

With the database connected, the **Modules** block shows each module with its status: **On trial** and the date it ends, **Subscribed**, etc. From there you choose the plan (Standard or Pro, monthly or yearly) and click **Subscribe**: payment is made on the Stripe page, outside Odoo.




- **Real Odoo 20 screenshot.** Settings › FlexigoTech Cloud with the database connected and the module on trial.

Prices exclude VAT. If you do not subscribe when the trial ends, the service stops and nothing is charged; your data stays in your Odoo. **Check now** requests permission immediately (otherwise the module renews it by itself every 6 hours).

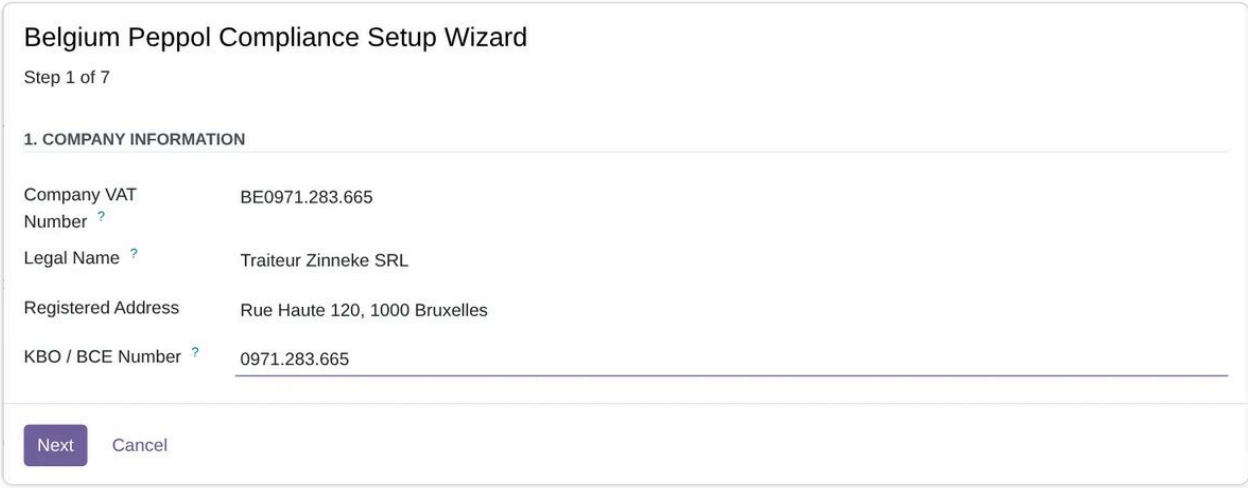
> You cannot start a trial on a neutralised copy (staging) or on a database with demo data: Settings says so with «This database is a neutralised copy or has demo data, so trials can't be started here»

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# 6 Setting it up step by step

### 1 Company details

In step 1 of the **Setup Wizard** you enter the VAT number, the legal name, the registered address and the **KBO / BCE Number**. The wizard does not take them from the company.




- **Real Odoo 20 screenshot.** Step 1 of the wizard, with the company details.

### 2 Peppol ID

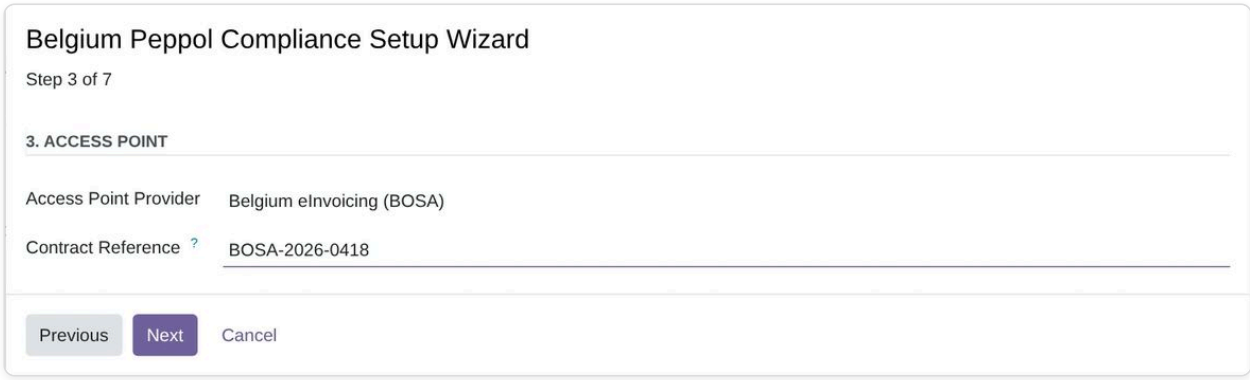
In step 2 you enter your **Peppol Participant ID** in ISO 6523 format: the scheme, a colon and the number, for example 0208 and your company number.




- **Real Odoo 20 screenshot.** Step 2 of the wizard, with the **Peppol Participant ID** field.

### 3 Access point

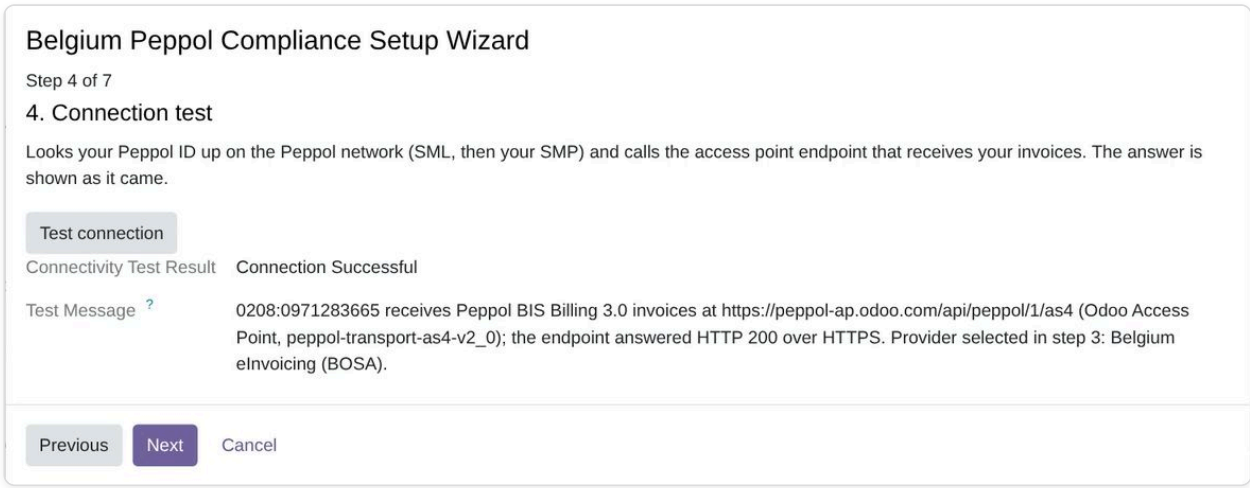
In step 3 you choose the **Access Point Provider** and, if you wish, note the contract reference. It is only a note: the connection test does not compare it with what the network publishes.




- **Real Odoo 20 screenshot.** Step 3 of the wizard, with the access point.

### 4 Connection test

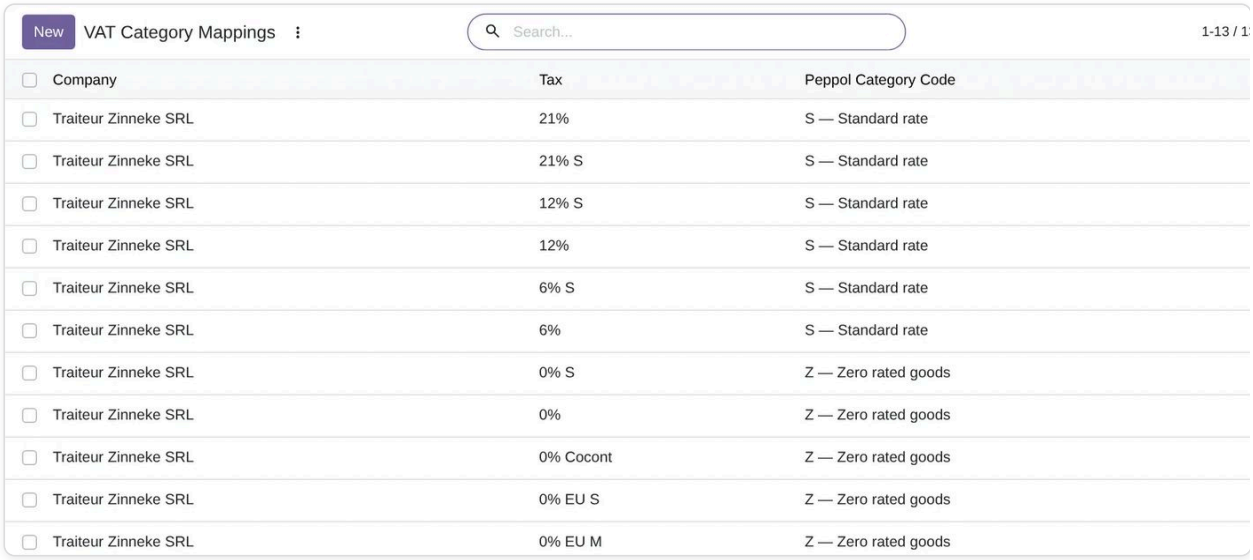
In step 4 you click **Test connection**. Odoo looks up your Peppol ID on the network, first via the SML and then at the SMP, and calls the access point that receives your invoices. The result is shown as it comes back. It searches the network in the profile's mode, which starts at **Test / SMK**: if your ID is registered in production, first set the profile to **Production**.




- **Real Odoo 20 screenshot.** Step 4 with the **Test connection** button and its result.

### 5 VAT mapping

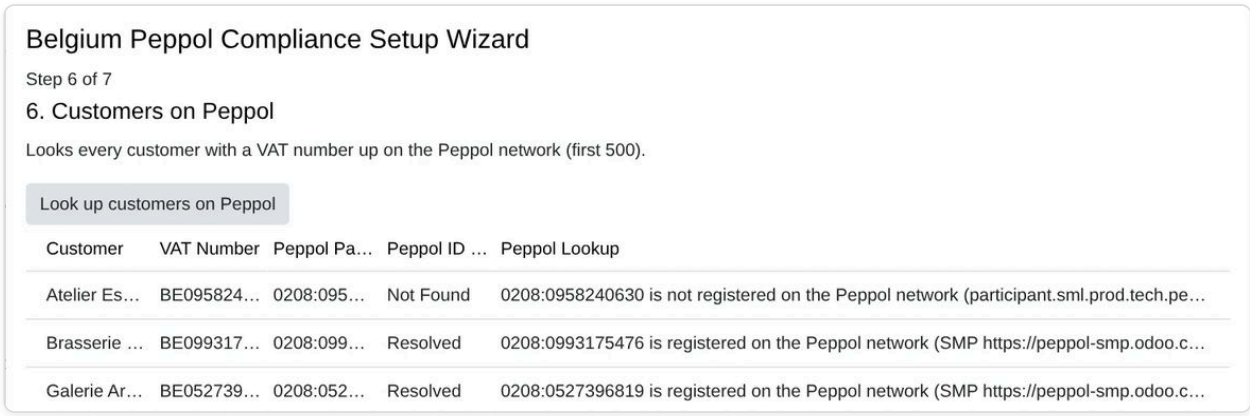
In step 5 you click **Propose mappings from the sale taxes** to suggest to each sales tax its Peppol VAT category. Review the proposal and correct it if needed. Without any mapping, the step gives the error "Please configure at least one VAT-to-Peppol category mapping."




- **Real Odoo 20 screenshot.** The mappings of sales taxes to Peppol VAT categories.

## 6 Customers on Peppol

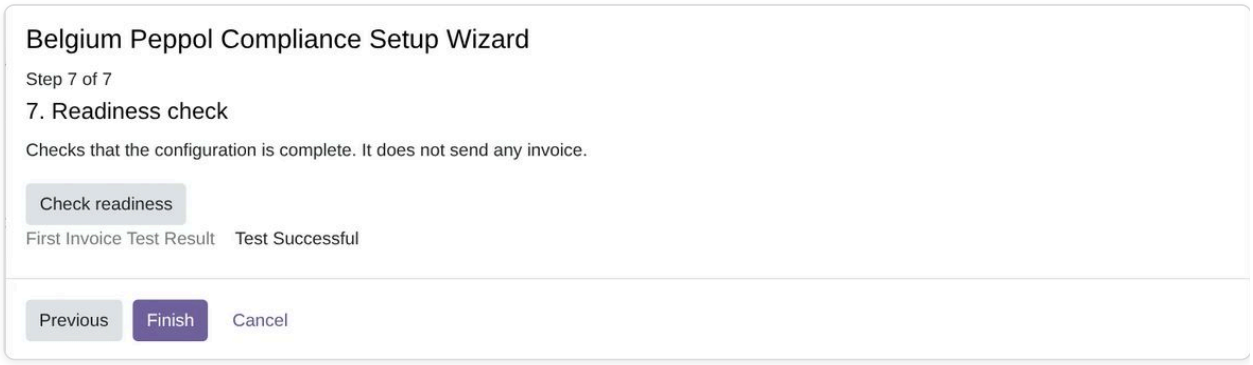
In step 6 you click **Look up customers on Peppol**. Odoo looks up on the network the first 500 contacts with VAT numbers and shows the result of each one in **Peppol ID Status**.




- **Real Odoo 20 screenshot.** Step 6 with the list of contacts and their Peppol status.

## 7 Checking readiness

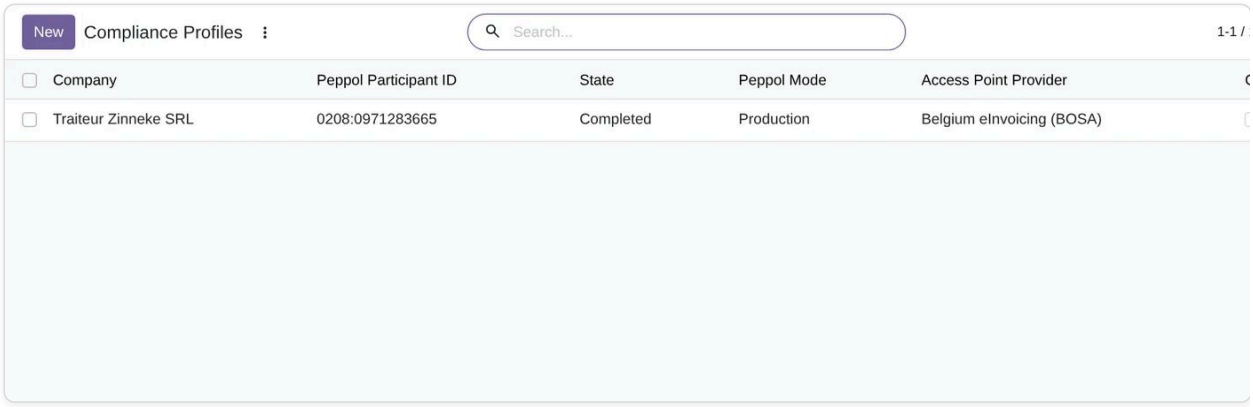
In step 7 you click **Check readiness**. It only checks that the configuration is complete and does not send any invoice.




- **Real Odoo 20 screenshot.** Step 7 with the **Check readiness** button.

### 8 Finish

Press **Finish**. The company profile is saved and its state changes to **Completed**.



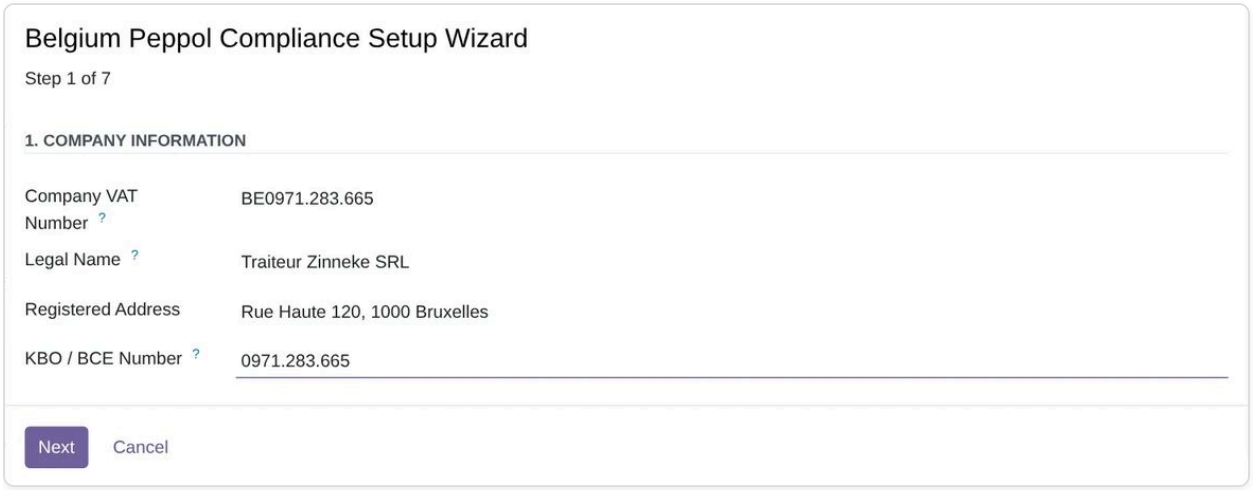

- **Real Odoo 20 screenshot.** The list of profiles with the company profile in **Completed** state.

> Afterwards, the profile is opened from **Invoicing › Belgium Peppol › Configuration › Compliance Profiles**, and the wizard, with its **Setup Wizard** button. **Dashboard** always opens a new profile: as only one fits per company, on saving Odoo responds "Only one Belgium Peppol compliance profile is allowed per company.".

After finishing, the module runs four scheduled tasks: **Belgium Peppol: Archive Integrity Scan** every 7 days, **Belgium Peppol: Fallback Deadline Alert** every day, and **Belgium Peppol: Monthly Compliance Digest** and **Belgium Peppol: Annual AAI Statistics Report** every month.

# 7 Setting up Peppol for your company with the 7-step wizard

You open it with the **Setup Wizard** button on the profile, which is in **Invoicing › Belgium Peppol › Configuration › Compliance Profiles**. It works with one company at a time, and each time you open it, it starts empty, even if the profile is already complete. What you enter passes to the profile when you press **Finish**; the result of the connection test is noted on the profile as soon as you run it.




- **Real Odoo 20 screenshot.** Step 1 of the wizard, with the company details.

| | |
|---|---|
| **Company VAT Number** | Step 1. The Belgian VAT number: BE and 10 digits, with or without dots. |
| **Legal Name** | Step 1. The company's registered legal name. |
| **Registered Address** | Step 1. The registered address. It is the only field in this step that is not mandatory. |
| **KBO / BCE Number** | Step 1. The 10-digit company number. |
| **Peppol Participant ID** | Step 2. The identifier with its scheme first and separated by a colon, such as 0208:0123456789. The wizard checks that there is a scheme and a number, not which scheme it is. |
| **Access Point Provider and Contract Reference** | Step 3. The access point you use and your contract reference. It is only a note. |
| **Test connection** | Step 4. Looks up your Peppol ID on the network and calls the access point that receives it. The result is shown in **Connectivity Test Result** and **Test Message**. |
| **Propose mappings from the sale taxes** | Step 5. Proposes the Peppol VAT category for each sales tax of your company. |
| **Look up customers on Peppol** | Step 6. Searches the network for contacts that have a VAT number (the first 500). |
| **Check readiness** | Step 7. It only checks that the configuration is complete. It does not send any invoice. |

Below each step are the **Previous** and **Next** buttons. **Previous** does not appear in step 1 and **Next** does not appear in step 7. In step 7, **Finish** appears. **Cancel** closes the wizard without passing anything to the profile. What the connection test and the customer lookup have already done is noted.

## Test statuses

**Connectivity Test Result** can be **Not Tested**, **Connection Successful** or **Connection Failed**. **First Invoice Test Result** can be **Not Tested**, **Test Successful** or **Test Failed**. Both start at **Not Tested**. Despite its name, **First Invoice Test Result** does not test any invoice: **Check readiness** sets it.

1. **Fill in step 1**

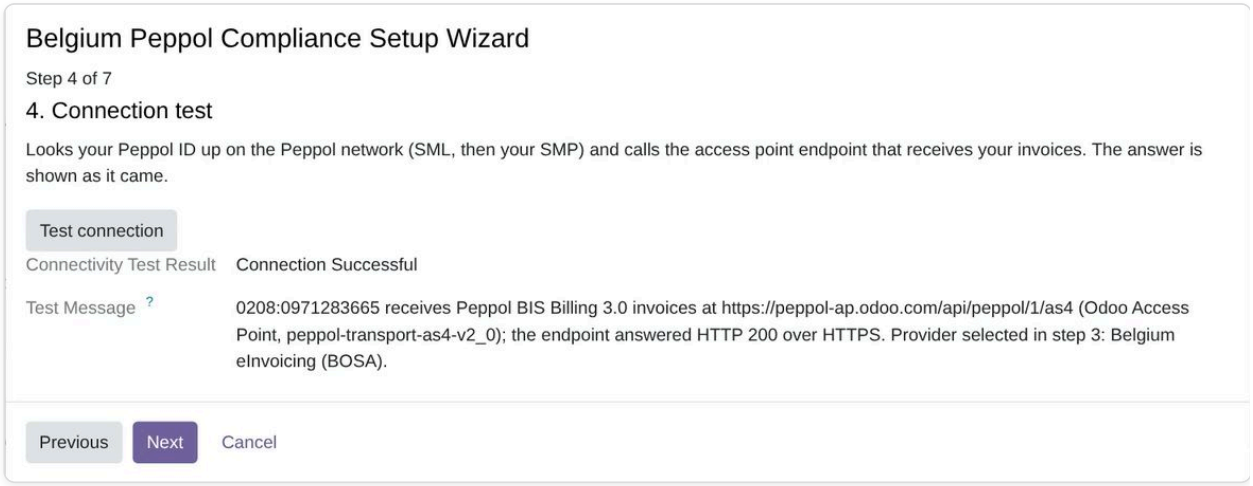
   Enter the Belgian VAT number, the legal name and the KBO / BCE number. Press **Next**.

2. **Enter the Peppol ID in step 2 and the access point in step 3**

   The wizard will not let you proceed without an ID with its scheme and its number separated by a colon, nor without choosing an access point.

3. **Press Test connection in step 4**

   Until the test comes out as **Connection Successful**, **Next** does not advance.



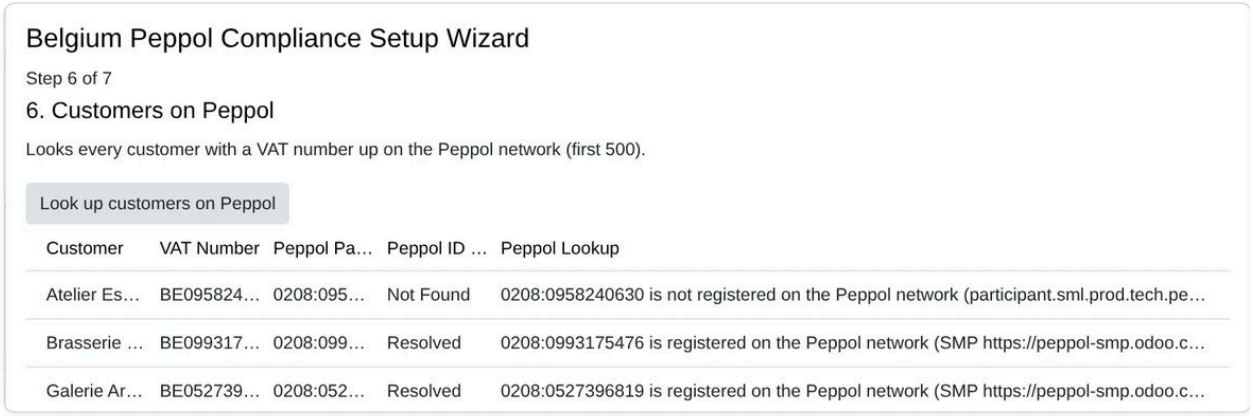

- **Real Odoo 20 screenshot.** The result of the connection test, showing **Connection Successful**.

4. **Review the VAT mapping in step 5**

   **Propose mappings from the sale taxes** fills in the list. At least one line is required.

5. **Press Look up customers on Peppol in step 6**

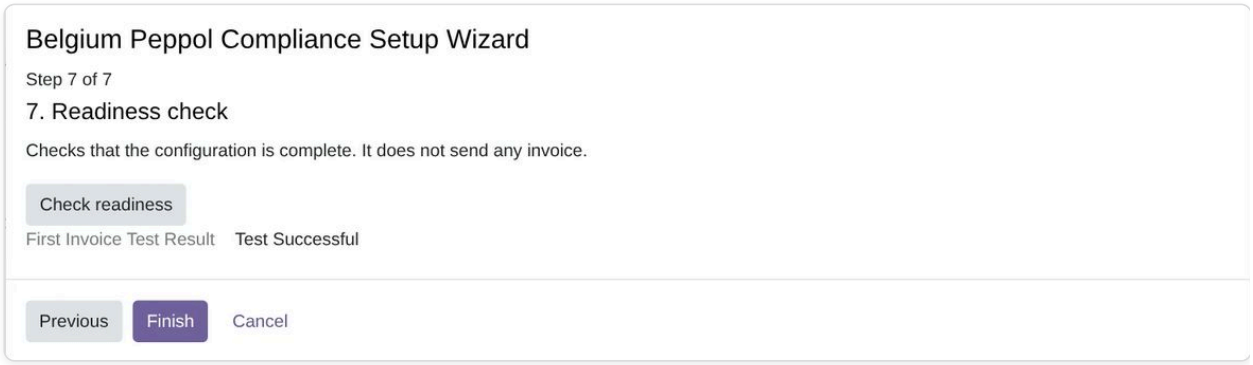
   The search must be run to move on to step 7, and it must find at least one contact with a VAT number.




- **Real Odoo 20 screenshot.** The customer list in step 6 with their Peppol status.

6. **Press Check readiness and then Finish in step 7**

On finishing, the profile is complete.




- **Real Odoo 20 screenshot.** Step 7 with **Check readiness** and the result **Test Successful**.

> The access point in step 3 is a note: the connection test does not compare it with the one published by the SMP. The wizard does not send or receive invoices nor generate the XML: that is done by Odoo's Peppol.

## What each step validates

**Next** checks the step you are on and, if something is missing, does not advance and shows an error message. The messages are these and appear in English.

| STEP | WHAT IT REQUIRES TO ADVANCE | MESSAGE IF SOMETHING IS MISSING |
|---|---|---|
| 1 | VAT in Belgian format, legal name and KBO / BCE number filled in | "Please complete all company information fields before proceeding." |
| 2 | Peppol ID with scheme and number separated by a colon | "Please enter a valid Peppol Participant ID with scheme prefix (e.g. 0208:0123456789)." |
| 3 | One access point chosen | "Please select an Access Point provider before proceeding." |
| 4 | Connection test passed | "Please run the connectivity test and ensure it succeeds before proceeding." |
| 5 | At least one VAT mapping line | "Please configure at least one VAT-to-Peppol category mapping." |
| 6 | Customer lookup done, with at least one contact found | "Please run the partner Peppol ID scan before proceeding." |

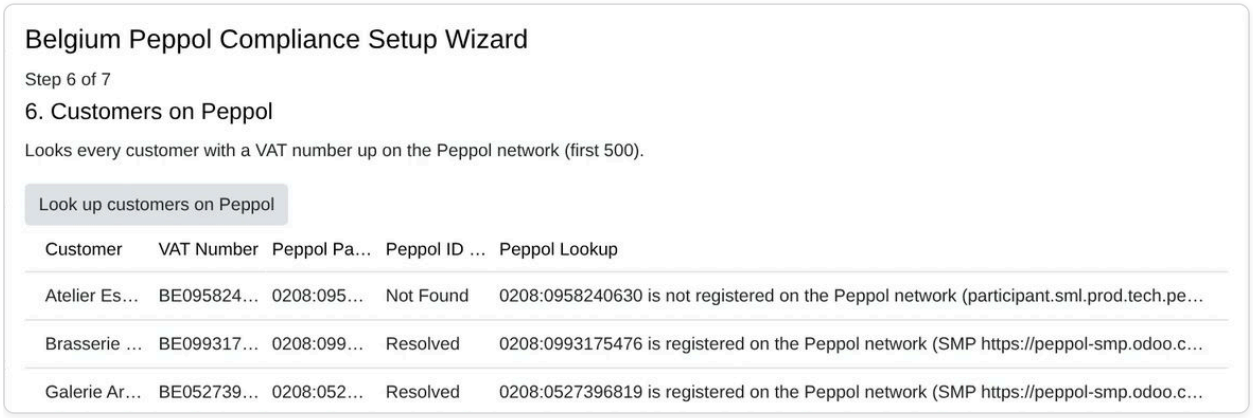
## The VAT mapping

**Propose mappings from the sale taxes** deletes any existing lines and puts one for each active sales tax that the company can use; with the Belgian localisation (l10n_be) installed, only the Belgian ones. For a percentage tax it proposes S if it is greater than 0 and Z if it is 0%. It does not propose AE, K or O: a 0% reverse charge or intra-community delivery comes out as Z, and you change it yourself. Each line has **Tax**, **Peppol Category Code** and **Default Mapping**, and you can add lines by hand. When you press **Finish**, the mapping is saved for the company, one line per tax, and you can review it later in **Invoicing › Belgium Peppol › Configuration › VAT Category Mappings**.

> If there is no sales tax, the button warns "No Belgian sale taxes found. Please verify that your chart of accounts is configured or create mappings manually.". If you press **Test connection** without an access point, "Please select an Access Point provider first." appears.

## Customers on Peppol

**Look up customers on Peppol** searches the Peppol network for each contact with a VAT number, only in the SML. The ID comes from the contact's record or, if it has none and its VAT number is Belgian, from its company number with the 0208 scheme. The list shows the contact, the VAT number, the ID, the status and what the network replied.




- **Real Odoo 20 screenshot.** The customer list in step 6 with their Peppol status.

## On finishing

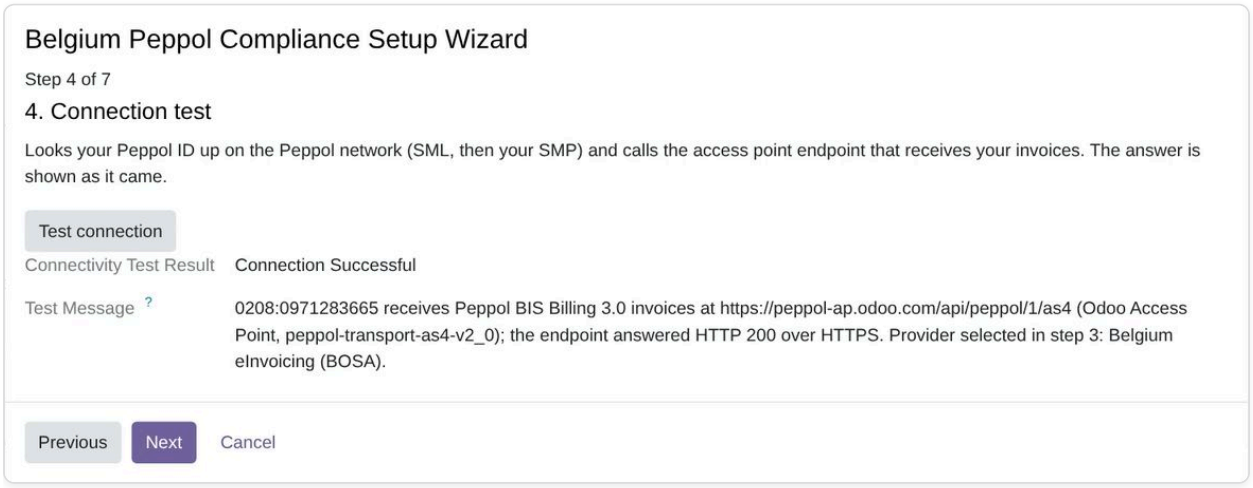
**Finish** checks the seven steps. If any is not complete, it does not close and shows "Not all steps have been completed. Please verify each step before finishing.". If everything is in order, it writes the Peppol ID, the access point and its reference to the profile, changes it to **Completed**, saves the VAT mapping and keeps a snapshot of the configuration.

## An end-to-end example

In the example screen, the company Traiteur Zinneke SRL enters its ID in step 2 and chooses the access point Belgium eInvoicing (BOSA) in step 3. In step 4, the test shows **Connection Successful** and the text says which invoices that ID receives and through which access point. In step 6, Atelier Escaut SRL shows **Not Found** and Brasserie Mirabelle SRL, **Resolved**. In step 7, **Check readiness** gives **Test Successful** and **Finish** closes the wizard.

# 8 The connection test: your ID on the Peppol network

The test is run from the setup wizard. Before running it you must have entered your Peppol ID in step 2. If the field is empty, Odoo responds with the error "Enter the Peppol participant ID (step 2) before testing the connection.".



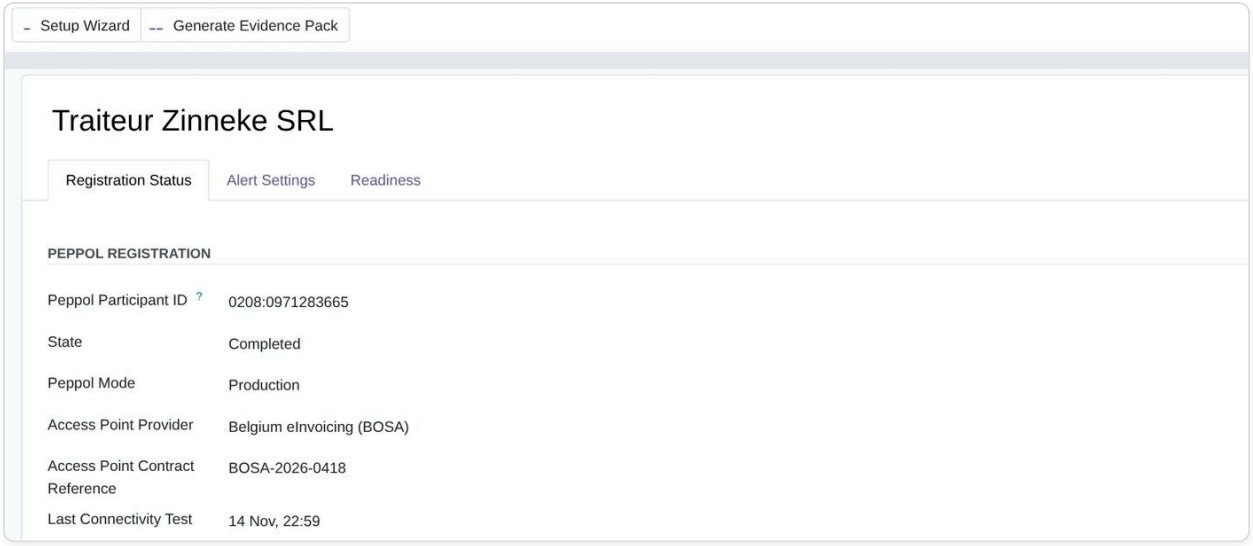

- **Real Odoo 20 screenshot.** Step 4 of the wizard with the **Test connection** button and the test result.

When you press the button, the module does three things with your ID. It looks up the participant's address in the SML, via DNS. It queries the participant's SMP for the BIS Billing 3.0 invoice document type. It makes an HTTPS request to the access point that the SMP names. The response is stored as it arrived. If something fails, Odoo tells you what failed. The search goes to the test network or the production network, depending on the profile's **Peppol Mode**.

The SMP decides which access point receives your invoices. The provider you chose in the wizard is shown alongside the result, but it is not compared with the one the SMP publishes.

## What the profile records

| | |
|---|---|
| **Peppol Mode** | **Production** or SMK test (**Test / SMK**). It comes from **Test / SMK** and decides on which network your ID is searched. |
| **Last Connectivity Test** | Date and time of the last test. |
| **Inbound Endpoint Status** | Starts at **Unknown**. The test sets it to **Resolvable** if it succeeds and to **Not Resolvable** if it fails. |
| **Outbound Connectivity OK** | Profile checkbox. Neither the test nor any other step ticks it, so it stays unticked. |




- **Real Odoo 20 screenshot.** The compliance profile, with the time of the last test in **Last Connectivity Test**.

> The test only looks up your ID on the Peppol network. It does not send any invoice nor check that the chosen provider is the one the SMP publishes.

## What the test checks, step by step

The test chains three real queries: the SML via DNS, the SMP entry for BIS Billing 3.0 invoices and an HTTPS request to the access point the SMP names. If one fails, Odoo does not continue and says what failed. The only thing that leaves your Odoo towards the network is the Peppol ID being looked up.

## Statuses it leaves on the profile

| | |
|---|---|
| **Unknown** | Starting status of **Inbound Endpoint Status**: not yet tested. |
| **Resolvable** | The test succeeded: the network knows your ID and its access point responded. |
| **Not Resolvable** | The test failed: the network does not know the ID, its SMP does not publish the BIS Billing 3.0 invoice, the access point did not respond, or the network could not be queried. |

## Rules and conditions

- Without a Peppol ID in step 2 of the wizard, the test stops with the error "Enter the Peppol participant ID (step 2) before testing the connection.".
- It is the participant's SMP that decides which access point receives your invoices, not the provider you noted in the wizard.
- The noted provider is shown alongside the result, without being checked against the SMP, because the SMP names an endpoint and not a trade name.

## Record fields and tabs

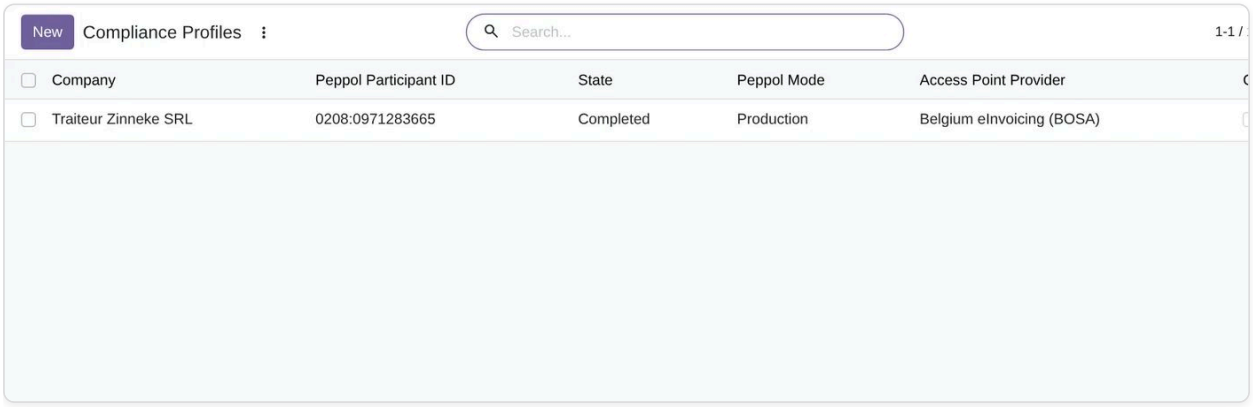
In the compliance profile, the **Registration Status** tab has the **Peppol Registration** group, with **Peppol Participant ID**, **Peppol Mode**, **Access Point Provider**, **Access Point Contract Reference**, **Last Connectivity Test**, **Outbound Connectivity OK** and **Inbound Endpoint Status**. The **Company Data Warnings** group has the checkboxes **Company Data Unvalidated** and **Peppol ID Unvalidated**, which are always unticked, because at present no

process in the module ticks them. The **Setup Wizard** button opens the wizard. There are two other tabs, **Alert Settings** and **Readiness**.

The provider is chosen from the records in **Invoicing › Belgium Peppol › Configuration › Access Points**. The module installs 2 when you start.

### An end-to-end example

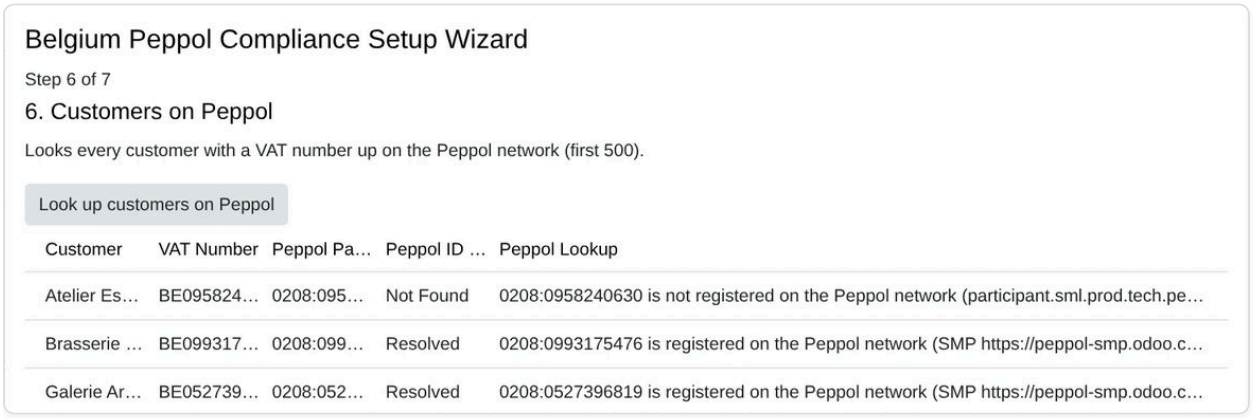
Using the sample data from the screenshots, Traiteur Zinneke SRL has its profile in **Production** and the Belgium eInvoicing (BOSA) access point. In step 4 of the wizard, you click **Test connection**: the screen shows **Connection Successful** and, under **Test Message**, the invoice type the ID receives, the access point that receives it and, at the end, the provider chosen in step 3. In the profile, **Last Connectivity Test** shows the time of the test and **Inbound Endpoint Status** changes to **Resolvable**.




- **Real Odoo 20 screenshot.** The list of profiles with the sample company, its Peppol ID and its status.

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# 9 Looking up your customers on Peppol




- **Real Odoo 20 screenshot.** The customers step of the wizard, with the list of customers and their Peppol status.

This step looks up the first 500 contacts with a VAT number, customers or suppliers, without their contact persons. They are only looked up when you click **Look up customers on Peppol**: no scheduled task does it.

### What you see in each row

| | |
|---|---|
| **Customer** | The contact that was looked up. |
| **VAT Number** | Its VAT number, as it appears on its record. |

| | |
|---|---|
| **Peppol Participant ID** | The ID used for the lookup: the one the contact has or, if it has none and its VAT number is Belgian, 0208 followed by its company number. |
| **Peppol ID Status** | The result: **Resolved**, **Not Found**, **Non-Belgian Scheme** or **Lookup Failed**. |
| **Peppol Lookup** | What the network replied for that ID. |

**Resolved** means the ID is registered on the network, and **Not Found** means it is not. **Non-Belgian Scheme** appears when the contact has no Peppol ID and no Belgian VAT number to derive one from, so it is not looked up. **Lookup Failed** means the network did not respond: the remaining contacts are no longer queried.

## How to use it

1. **Get to the customers step**
   Move forward with **Next** from the previous steps.

2. **Click Look up customers on Peppol**
   The module queries the Peppol network for each contact with a VAT number.

3. **Review the list**
   Check the status of each contact and what the network replied.

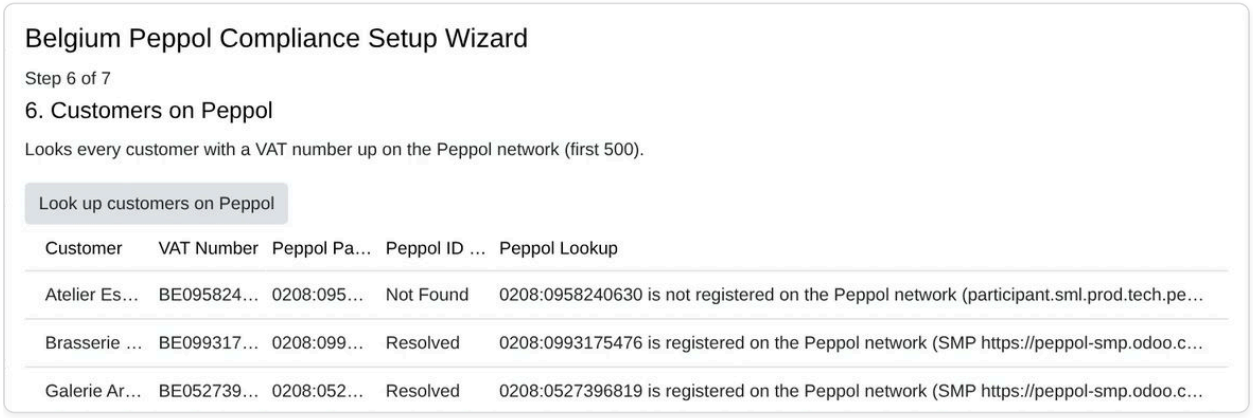
> The lookup stops at the first 500 contacts with a VAT number. The list lives in the wizard: closing it loses it, and the ID derived from a Belgian VAT number is not saved to the contact.

## What the lookup saves on each contact

The lookup does not save to the contact the ID it derives from its VAT number. If the contact already had a Peppol ID (from the module or from Odoo), it records in its record whether it is registered and when it was checked, in two fields that no screen shows. The result rows only live in the wizard.

## An end-to-end example

The example screen shows three contacts. Atelier Escaut SRL shows **Not Found**: the network says its ID is not registered. Brasserie Mirabelle SRL and Galerie Ardenne SC show **Resolved**, with the SMP that publishes their ID.



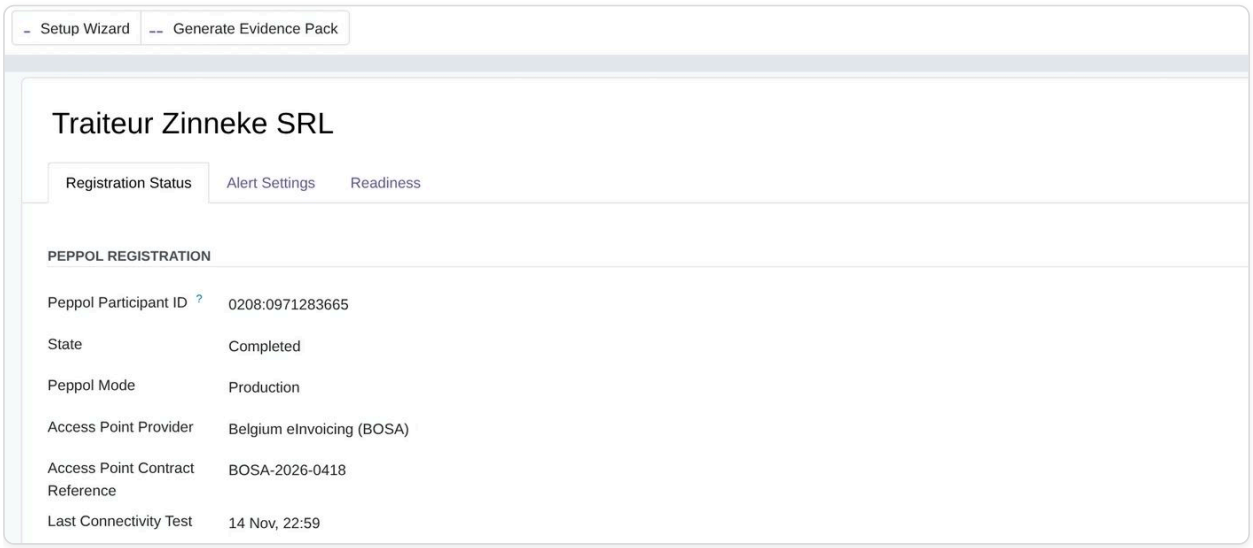

- **Real Odoo 20 screenshot.** The sample contacts, one **Not Found** and two **Resolved**.

> The lookup does not send any invoice nor change any contact's Peppol ID.

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# 10 The compliance profile of each company

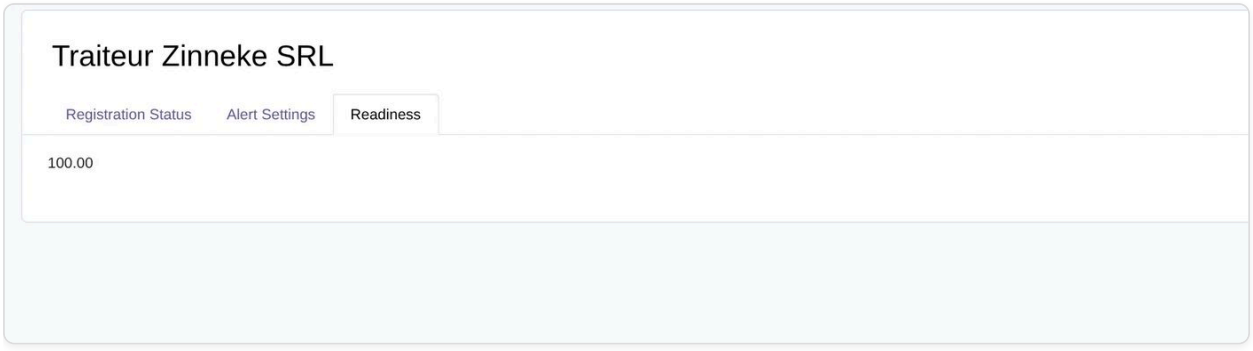
You open the profiles from **Invoicing › Belgium Peppol › Configuration › Compliance Profiles**. The list shows the company, the Peppol ID, the status, the mode and the access point. A company's profile opens with one click.




- **Real Odoo 20 screenshot.** The company's compliance profile, with the **Registration Status** tab.

## Where each piece of data comes from

- The Peppol ID, the access point and its contract reference are written by the wizard when you finish, and they can also be changed in the profile. You choose the mode yourself in the profile.
- **Last Connectivity Test** and **Inbound Endpoint Status** are set by the connection test. **Outbound Connectivity OK** is always left unticked: no process in the module ticks it.
- **Readiness (%)** stays at 0 until you finish the wizard, and is 100 after that.




- **Real Odoo 20 screenshot.** The **Readiness** tab of the profile.

## Buttons and fields on the record

| | |
|---|---|
| **Setup Wizard** | Opens the setup wizard for this profile. |
| **Generate Evidence Pack** | Generates the evidence pack for this company immediately, from 1 January of this year to today: a PDF and an XML index with a SHA-256 hash. |

| | |
|---|---|
| **Registration Status** | Tab with the group **Peppol Registration**: Peppol ID, status, mode, access point, contract reference and last connection test. |
| **Company Data Warnings** | Group with the checkboxes **Company Data Unvalidated** and **Peppol ID Unvalidated**. They are always left unticked: at present no process in the module ticks them. |
| **Alert Settings** | Tab with two thresholds and the scan frequency. No calculation uses them. |
| **Readiness** | Tab with the readiness percentage. |

## States

| STATUS | WHAT IT MEANS |
|---|---|
| **Draft** | The status a profile is created with. |
| **In Progress** | It appears in the list and has its filter, but the wizard does not use it: the profile moves from **Draft** to **Completed** when you finish. |
| **Completed** | The wizard has been finished with **Finish**. |

## Configuration snapshots

When you click **Finish**, the module saves a configuration snapshot with the data from the seven steps, the date and the user. It has no screen in the module, cannot be changed or deleted, and appears in the configuration section of each evidence pack.

> Snapshots are append-only: Odoo replies «Configuration snapshots are append-only and cannot be modified.» or «Configuration snapshots are append-only and cannot be deleted.» if anyone tries to change or delete them.

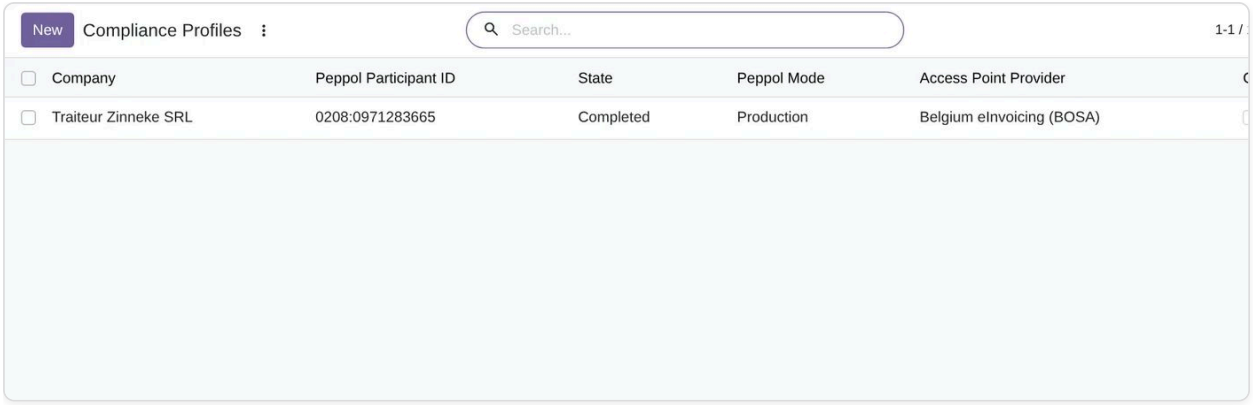
The profile also stores the status of each wizard step, with the date and the user. **Finish** sets them all to **Completed** at once. None of them appear on any screen, but **Readiness (%)** is calculated from them.

## Rules and conditions

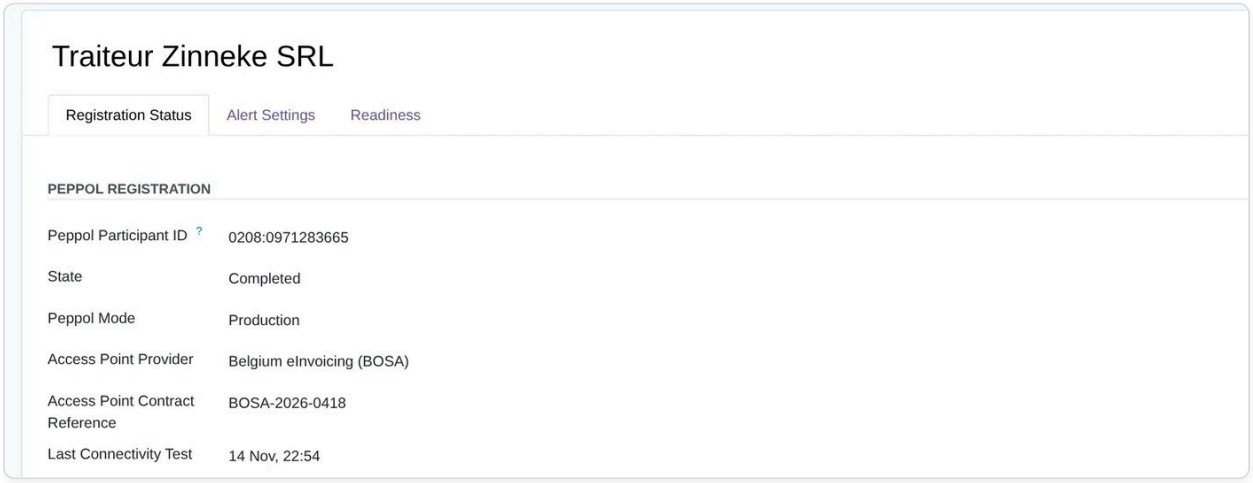
- The profile always belongs to one company and by default takes the active company. The mode is **Test / SMK** unless you change it to **Production**.
- **Inbound Endpoint Status** starts as **Unknown** and changes to **Resolvable** or **Not Resolvable** based on the connection test result.
- **Outbound Connectivity OK** is left unticked and stays that way: no process in the module ticks it.
- There is only one profile per company: Odoo will not let you save another and replies «Only one Belgium Peppol compliance profile is allowed per company.».
- The evidence pack is generated with the data of the profile's company and of no other.

## An end-to-end example

In the screenshots, Traiteur Zinneke SRL has its profile at **Completed** and in **Production**, with the Belgium eInvoicing (BOSA) access point. The form shows the time of the last connection test, and the **Readiness** tab shows 100.00. From that profile, **Generate Evidence Pack** produces the company's evidence pack from 1 January to today.



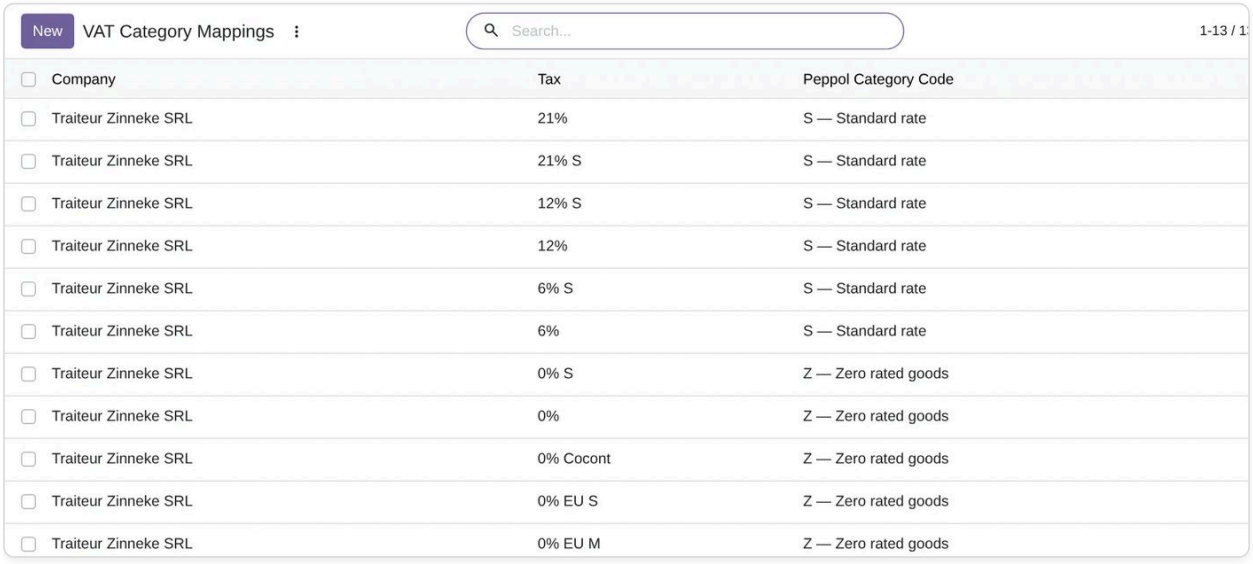

- **Real Odoo 20 screenshot.** The list of profiles with the Peppol ID, status, mode and access point.




- **Real Odoo 20 screenshot.** The sample company's profile, showing the time of its last connection test.

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# 11 The VAT on your taxes in Peppol categories




- **Real Odoo 20 screenshot.** List with each tax of the company and its Peppol category.

Go to **Invoicing › Belgium Peppol › Configuration › VAT Category Mappings**. It is a list with one record per tax: the company, the tax and its Peppol category. For example, 21% appears with category S and 0% with category Z.

## What each record holds

| | |
|---|---|
| **Company** | The company the mapping belongs to. It is filled in with the active company. |
| **Tax** | The Odoo tax being mapped. It is required, and each tax can be mapped only once per company. |
| **Peppol Category Code** | The Peppol VAT category of the tax. It is required. |
| **Tax Name** | Calculated from the tax. It appears on the form, not in the list. |

## Available categories

| CODE | CATEGORY |
|---|---|
| **S** | Standard rate |
| **Z** | Zero rated goods |
| **E** | Exempt from tax |
| **AE** | VAT Reverse Charge |
| **K** | VAT exempt for EEA intra-community supply |
| **O** | Services outside scope of tax |
| **L** | Canary Islands general indirect tax |
| **M** | Tax for production, services and importation in Ceuta and Melilla |

## Changing a category

1. **Open the list**
   Go to **Invoicing › Belgium Peppol › Configuration › VAT Category Mappings**.
2. **Choose the tax**
   Open its record or edit its line in the list.
3. **Change the Peppol category**
   Choose the category that applies and save.

> The mapping does not change your Odoo taxes or the UBL XML that Odoo generates. It is kept as evidence in the configuration section of each evidence pack.

Outside the wizard, the **Invoicing › Belgium Peppol › Configuration › VAT Category Mappings** list is the only screen for the mapping. It is a flat list: each row links a company, a tax and a Peppol category. It has no states or buttons of its own.

## Rules and conditions

- The company is filled in with the active company when a record is created, and it is mandatory.

- The tax is mandatory. It is the Odoo tax to which the category is assigned, and each tax is mapped only once per company: if you repeat it, Odoo responds with "A VAT category mapping for this tax already exists in this company."
- The Peppol category is mandatory: a mapping cannot be saved without it.
- The tax name is not typed in: it is calculated from the chosen tax and is visible on the form.

### Fields you cannot see

Each mapping also stores two checkboxes that the list does not show. One records whether it came from the wizard's proposal (**Default Mapping**, which is visible in step 5). The other would record whether it was changed by hand, but no process in the module ticks it.

### An example with the data on the screens

In the example screen, the list for the company Traiteur Zinneke SRL has 13 mappings. The 21%, 12% and 6% taxes carry category S. Those at 0%, including "0% Cocont", "0% EU S", "0% EU M", "0% EU T" and "0% EX", carry category Z, which is the category the wizard proposes for any 0% tax.

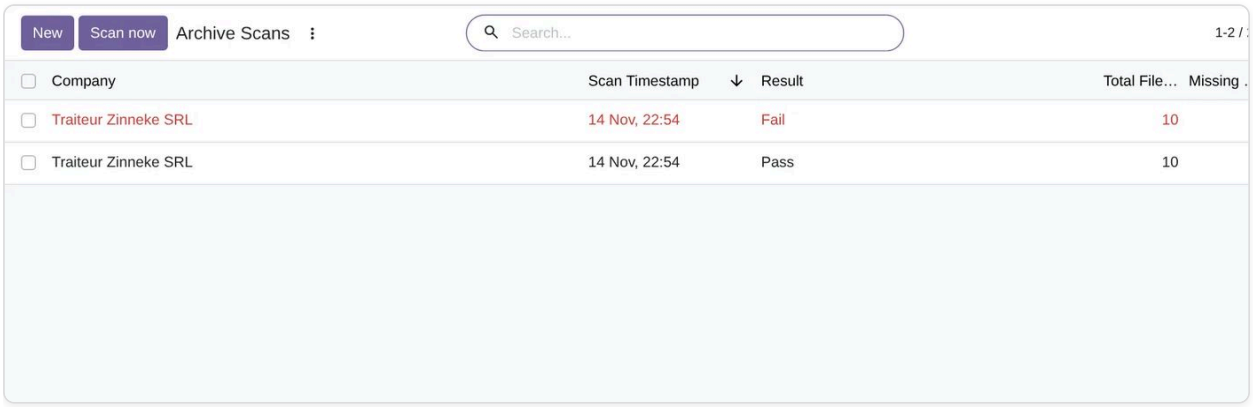
1. **Review the list**
   Go to **Invoicing › Belgium Peppol › Configuration › VAT Category Mappings** and check the category column for each tax.

2. **Correct whatever is wrong**
   If a 0% tax is not category Z, change its category to the one that applies, for example AE if it is a reverse charge or K if it is an intra-community supply, and save.

3. **Check again**
   Once saved, check the list again: each tax of the company must have its category.

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# 12 Check that the invoice archive is still intact




- **Real Odoo 20 screenshot.** The scan list with the **Scan now** button and two scans of Traiteur Zinneke SRL.

It is found under **Invoicing › Belgium Peppol › Logs & Audit › Archive Scans**. Each row is a scan of one company.

The scan compares each UBL XML against the checksum that Odoo recorded when it stored it. It counts the missing files, the altered ones and the invoices that have no archived original XML.

### Where each scan comes from

- The scheduled task **Belgium Peppol: Archive Integrity Scan** is active, runs every 7 days and scans all companies. If one company fails, the others carry on.
- The **Scan now** button on the list scans the company you are in.

### What each scan shows

| | |
|---|---|
| **Company** | The company scanned. |
| **Scan Timestamp** | Date and time of the scan. |
| **Result** | The result of the scan: **Pass**, **Fail** or **Nothing to scan**. |
| **Total Files Checked** | How many files were checked. |
| **Missing Files** | Files that are still recorded in Odoo but whose content is no longer in the storage. |
| **Altered Files** | Files whose content no longer matches the checksum Odoo stored. |
| **Count Mismatch Failures** | Invoices exchanged via Peppol without their original UBL XML archived, for example with only the PDF. |
| **Anomaly Details** | The detail of each anomaly, with its reference. |

### States

| RESULT | WHEN IT APPEARS |
|---|---|
| **Pass** | Some file was checked and there are no anomalies. |
| **Fail** | There is at least one anomaly. |
| **Nothing to scan** | No file was checked and there are no anomalies either. |

If a scan finds anomalies, the module creates an alert in Odoo.

> The scan repairs nothing. It only reports what has changed. It checks only the UBL XML files that Odoo stored for invoices exchanged via Peppol, not other documents.

### Rules and conditions

- The scheduled task goes through all companies; the button only checks the company you are in.
- A failure in one company does not stop the scan of the others.
- If there are anomalies, an alert is created. You can see it in **Invoicing › Belgium Peppol › Logs & Audit › Alerts**.

### Record fields

Each scan has two areas: **Statistics**, with the figures, and **Details**, with **Anomaly Details**. That field is a text in JSON format with the reference of each affected invoice and its problem, how many invoices the scan expected and how many it left out for being older than 7 years.

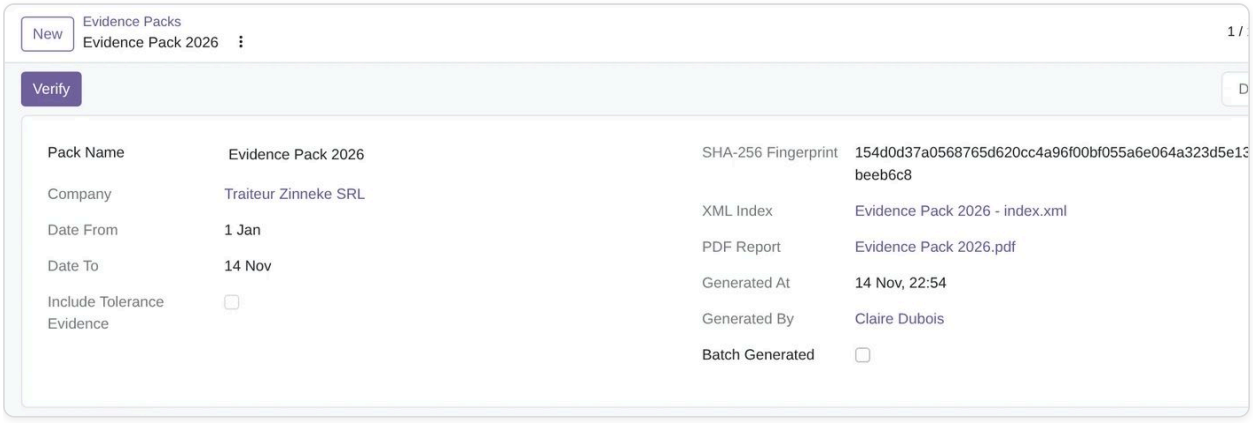
### Example

In the screenshots, the list shows two scans of Traiteur Zinneke SRL run one minute apart. The first shows **Pass**, with ten files checked. The second shows **Fail**, with files in **Altered Files**: between the two scans, the stored content of a received invoice changed.

Opening the second one, **Anomaly Details** shows a received invoice reference with the problem "content does not match the checksum Odoo stored". With **Fail** and anomalies, the module creates an alert.

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# 13 Sealed evidence packs




- **Real Odoo 20 screenshot.** A pack in **Done** status, with its SHA-256 fingerprint, the XML index and the PDF report.

You go to **Invoicing › Belgium Peppol › Logs & Audit › Evidence Packs**. Each pack carries a company, **Date From** and **Date To**. The XML index has one section for each type of data, and each section carries its own SHA-256. The module also calculates the SHA-256 fingerprint of the whole index, stores it in **SHA-256 Fingerprint** and prints it in the PDF.

### Where the data comes from

A pack is produced when you press **Generate** on its record, **Generate Evidence Pack** on the profile or **Generate All** in the batch. In addition, the scheduled task **Belgium Peppol: Annual AAI Statistics Report** runs every month and only acts in January: it creates one pack per company for the previous calendar year and marks it as **Batch Generated**.

The index records what your database holds for that company and period, as it stands, in four sections: the registration (what the Peppol network returns for your ID at that moment and the profile status), the validation (empty, because the rules cannot be run), the shipments (the invoices Odoo's Peppol exchanged in the period, with the identifier of their message and the SHA-1 fingerprint of their XML) and the configuration (the wizard snapshot and the VAT mapping). If you tick **Include Tolerance Evidence**, it adds a fifth section with the contingencies recorded between 1 January and 31 March 2026, if the pack's period covers those months.

### The pack's buttons

| | |
|---|---|
| **Generate** | Creates the XML index, calculates the fingerprint and the PDF, and saves them as attachments of the pack. It is only visible when the status is **Draft** or **Error**. |
| **Verify** | Recalculates the fingerprint of the saved index and the SHA-256 of each section. It is only visible when the status is **Done**. |

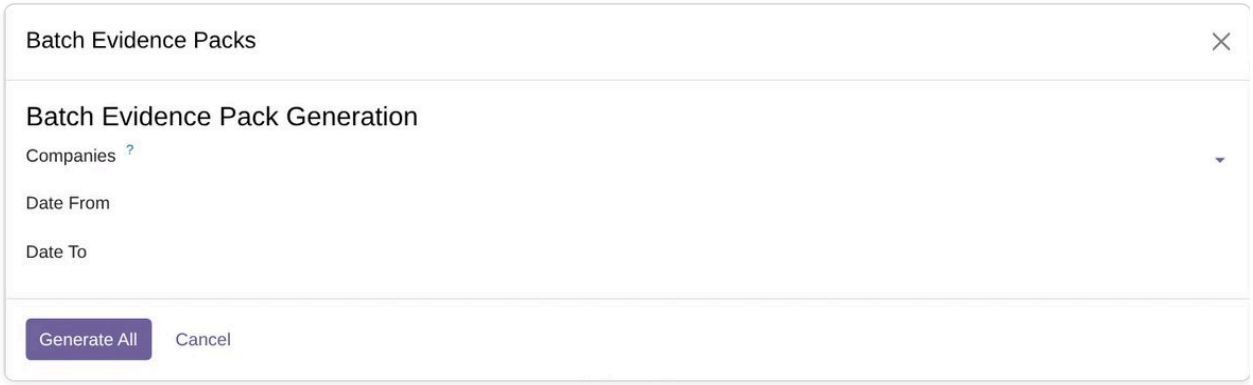
## States

| | |
|---|---|
| **Draft** | The pack is created and has not been generated yet. |
| **Done** | The pack is generated and sealed. |
| **Error** | Generation failed. The reason appears in **Error Message** and you can press **Generate** again. |

## Several companies at once

1. **Open Batch Evidence Packs**

   It is in the menu **Invoicing › Belgium Peppol › Logs & Audit › Batch Evidence Packs** and opens a batch generation wizard.




   - **Real Odoo 20 screenshot.** The batch generation wizard with the companies and the dates.

2. **Choose companies and dates**

   Choose the companies in **Companies** and fill in **Date From** and **Date To**.

3. **Press Generate All**

   One pack is created per company. If one fails, the others are kept, and **Results Summary** counts how many succeeded and which companies failed.

> A pack in **Done** is sealed: it cannot be changed. If you need another, generate a new one. Nor can the fingerprint or the files be written by hand: only the generation writes them. Odoo warns with "A generated evidence pack is sealed: generate a new one instead." and "Evidence pack fingerprints and files are written by the generation only."

## What the seal fixes

With the pack in **Done**, Odoo does not let you change the company, the dates or the tolerance checkbox, and responds with "A generated evidence pack is sealed: generate a new one instead." The fingerprint and the files are written only by the generation: if anyone tries to change them, "Evidence pack fingerprints and files are written by the generation only." appears. A sealed pack is not edited: another one is generated.

## How the fingerprint is calculated

The fingerprint is the SHA-256 of the bytes of the XML index. The index lists each section with its title, its SHA-256 and its items, and the PDF prints the fingerprint and those sections. That is why the **Verify** button can check

two things: that the saved index still yields the fingerprint and that each section still yields its SHA-256. If anything does not match, the message says "Verification FAILED" and which check failed.

## Pack fields

| | |
|---|---|
| **Pack Name** | Name of the pack. It is mandatory. |
| **Company** | The company of the pack. It is mandatory and comes filled in with the current company. |
| **Date From** and **Date To** | The period the pack covers. Both are mandatory. |
| **Include Tolerance Evidence** | Checkbox, unticked by default. Adds the contingencies recorded in the first quarter of 2026. |
| **SHA-256 Fingerprint** | The fingerprint of the XML index. Read only. |
| **XML Index** and **PDF Report** | The two files the generation saves. Read-only. |
| **Generated By** and **Generated At** | Who generated the package and when. Read-only. |
| **Batch Generated** | Tick box that marks the packages that came out of the batch generation or the annual task. |

## The batch and its states

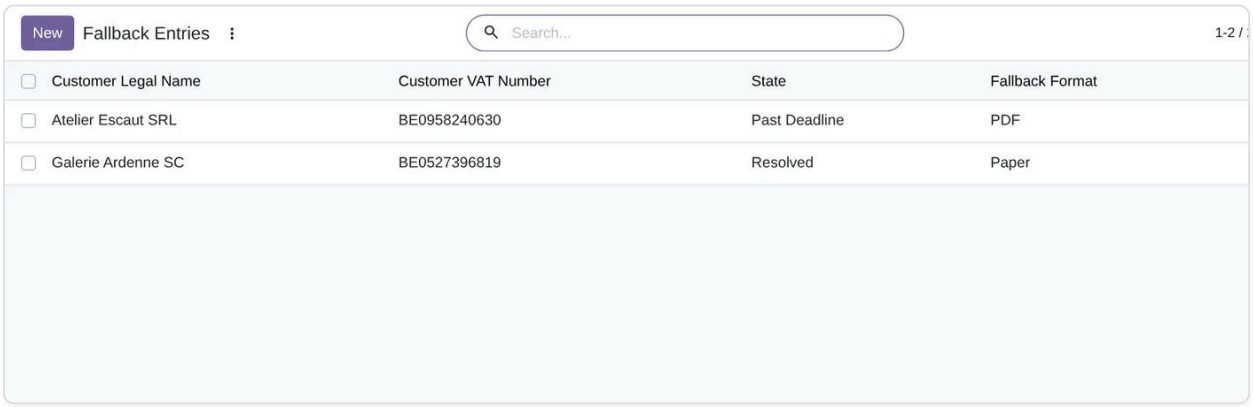
The batch generation wizard requires at least one company: without any, Odoo replies «Please select at least one company.». It generates one package per company and isolates each one, so a failure does not undo the packages that already came out correctly. When it finishes it shows **Results Summary** with how many came out and which companies failed, and **Generate All** is no longer visible.

## An end-to-end example

In the screenshot of the package, the company Traiteur Zinneke SRL has the package Evidence Pack 2026, covering the period 1 Jan to 14 Nov, generated at 23:07 by Claire Dubois. In the list it appears in **Done** status with its SHA-256 fingerprint. When you open it, the **Verify** button recalculates the index and leaves in the package's history «Verified: the XML index matches the fingerprint … and every section its SHA-256.» If the period data later changes, you do not touch that package: you generate another one.

# 14 Contingencies and alerts

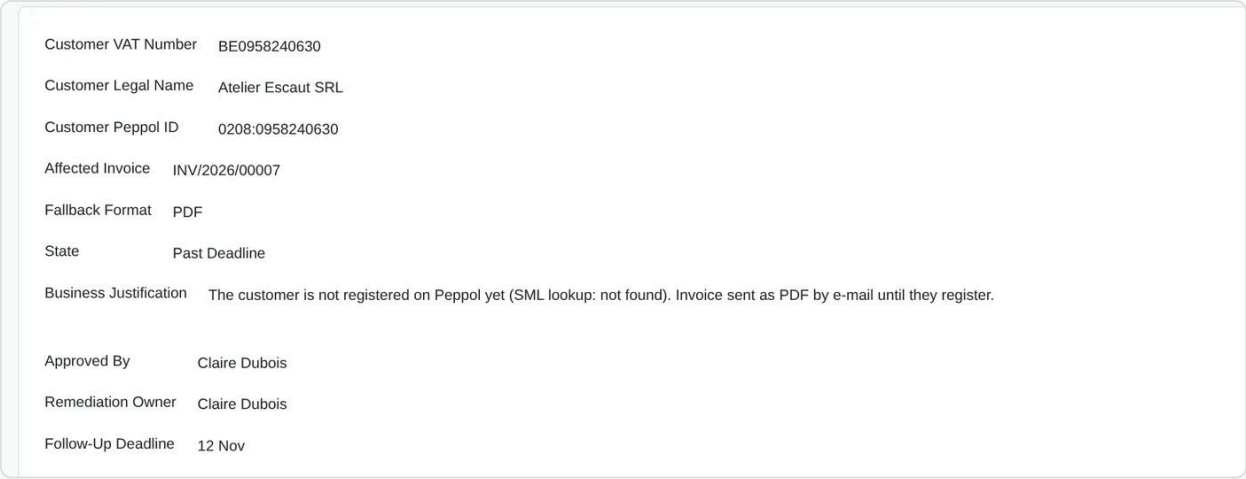
A contingency is the record of an invoice that did not go out via Peppol, but as a PDF or on paper. It is created from **Invoicing › Belgium Peppol › Logs & Audit › Fallback Entries**. The alerts are in **Invoicing › Belgium Peppol › Logs & Audit › Alerts** and are only visible inside Odoo: they are not sent by email.




- **Real Odoo 20 screenshot.** The list with two contingencies: Atelier Escaut SRL in **Past Deadline** and Galerie Ardenne SC in **Resolved**.

## Contingency fields

| | |
|---|---|
| **Customer Legal Name** | The customer's legal name. It is mandatory. |
| **Customer VAT Number** | The customer's VAT number. |
| **Customer Peppol ID** | The customer's Peppol ID. |
| **Affected Invoice** | The invoice that went out outside Peppol. |
| **Fallback Format** | How the invoice went out: **Paper**, **PDF** or **Other**. It comes set to **PDF**. |
| **State** | The state of the contingency. It starts in **Open** and you change it yourself. |
| **Business Justification** | Why it was done outside Peppol. It is mandatory. |
| **Approved By** | Who approves the exception. It is mandatory. |
| **Remediation Owner** | Who is responsible for fixing it. It is mandatory. |
| **Follow-Up Deadline** | The date by which it must be checked again. It is mandatory. |



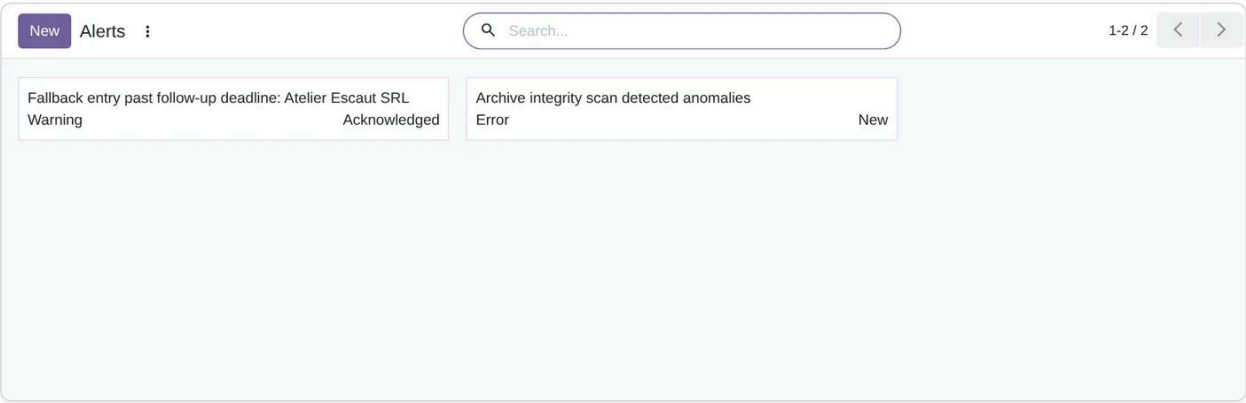

- **Real Odoo 20 screenshot.** The form of a contingency with the justification, the approver and the follow-up date.

## States

| | |
|---|---|
| **Open** | The contingency is in progress. It is the state it starts with. |
| **Past Deadline** | The follow-up date has passed: the daily task marks it. |
| **Resolved** | The contingency is closed. You set it in the **State** field. |

## Where the data comes from

- The scheduled task **Belgium Peppol: Fallback Deadline Alert** runs every day. It moves open contingencies whose follow-up date is before today to **Past Deadline** and creates an alert for each one.
- The task **Belgium Peppol: Archive Integrity Scan** runs every 7 days. If the scan finds anomalies, it leaves an alert.
- The task **Belgium Peppol: Monthly Compliance Digest** runs every month and leaves the monthly summary.




- **Real Odoo 20 screenshot.** The list of alerts: one for an overdue contingency and one from the archive scan.

> There is no button to resolve a contingency: the state is changed by hand in the **State** field of the form, and Odoo does not ask for any proof to move it to **Resolved**.

## Rules

- The daily task only looks at open contingencies. It marks them overdue when the follow-up date is before today: the same day as the date does not count yet.

- Each overdue contingency generates a single alert, assigned to its owner.

### What you see in the record

The form shows the customer (legal name, VAT number and Peppol ID), the affected invoice, the format, the state, the justification, who approves, the owner and the follow-up date. The company is filled in automatically with the active one, and the approval date and time are stored when the contingency is created; neither appears on screen.

### The alerts

Each alert shows a name, severity, state, company, the related record and who it is assigned to. The severity can be **Info**, **Warning**, **Error** or **Critical**, and the state **New**, **Acknowledged**, **Resolved** or **Dismissed**. You change the state yourself in the form: there are no buttons. They are seen in **Invoicing › Belgium Peppol › Logs & Audit › Alerts**, with filters for open and critical ones, and inside there is a **Details** group with the alert data in **Payload**.

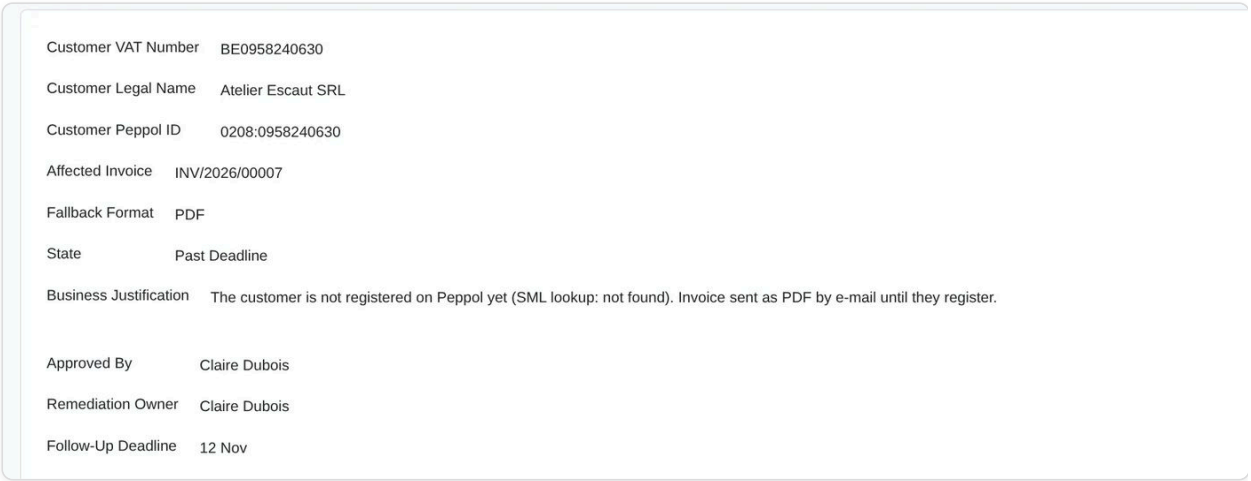



- **Real Odoo 20 screenshot.** An overdue contingency alert with its severity, its state and the related record.

### An end-to-end example

1. **Record the contingency**

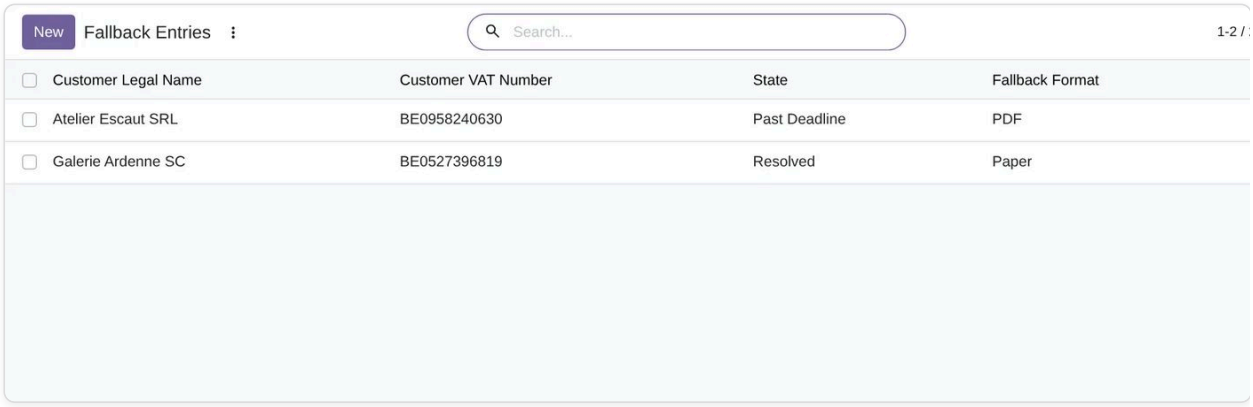
   The invoice for Atelier Escaut SRL could not go out via Peppol and was sent as a PDF. In the contingency list the customer is recorded with their VAT number, the format, the justification, who approves, the owner and the follow-up date.




   - **Real Odoo 20 screenshot.** The contingency form with the justification, the approver and the follow-up date.

### 2 The date passes

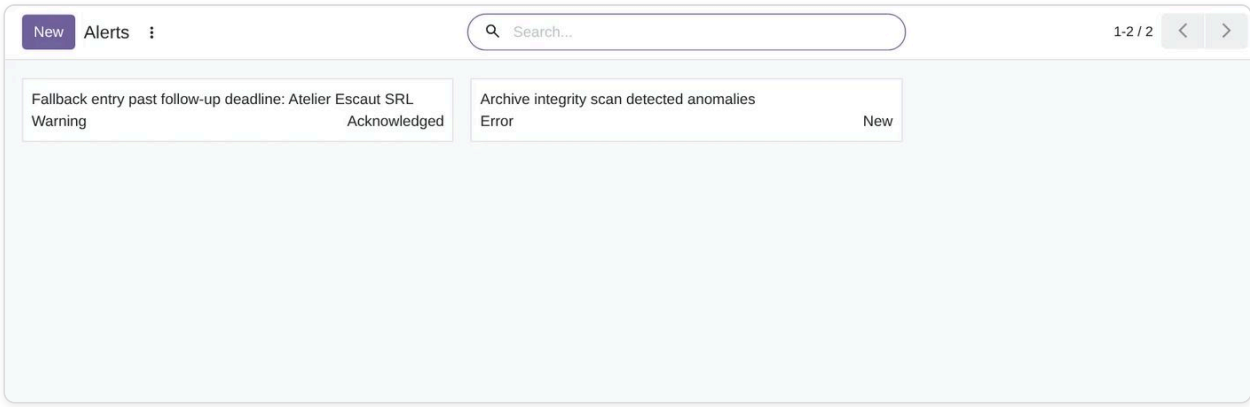
The daily task changes it to **Past Deadline**. In the list it is seen next to the already resolved contingency of Galerie Ardenne SC.




- **Real Odoo 20 screenshot.** Atelier Escaut SRL in **Past Deadline** and Galerie Ardenne SC in **Resolved**.

### 3 Check the alert

Among the alerts appears «Fallback entry past follow-up deadline: Atelier Escaut SRL» with severity **Warning**, assigned to its owner, who sees it inside Odoo. Once they have seen it, they change its state to **Acknowledged**.




- **Real Odoo 20 screenshot.** The alert for Atelier Escaut SRL with severity **Warning** and state **Acknowledged**, next to the one from the archive scan.

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# 15 The data that goes and comes back

| DATA | WHERE IT GOES | WHEN |
|---|---|---|
| **Peppol ID you look up (the DNS query for the ID)** | Public Peppol network: first the DNS over HTTPS from Cloudflare and, if it does not respond, Google's | When testing the connection in step 4 of the wizard, when searching for customers in step 6 and when generating a test package |
| **Peppol ID you look up (the participant query)** | The participant's SMP and, in the connection test, also the access point that SMP names | When testing the connection and generating a test package; the customer search stays on the SML |

| DATA | WHERE IT GOES | WHEN |
|---|---|---|
| **Identification data of your database for the monitoring** | FlexigoTech Cloud | While the module is connected. The exact list of data is shown in **See the data that is sent** when you activate FlexigoTech Cloud |

Your customers, invoices and products do not leave your Odoo for FlexigoTech Cloud. Each time an ID is looked up, the Peppol network returns whether it is registered, which SMP publishes it and which access point its invoices reach, and the wizard shows the response exactly as it arrived.

### What comes back from FlexigoTech Cloud

The monitoring checks the module's official sources every day: the einvoice.belgium.be portal, the release notes of Peppol BIS Billing 3.0 and the changes to the VAT Directive. If any of them changes, it notifies you in Settings. It also brings the calendar of its deadlines, which you see on that same screen.

### What is stored only in your Odoo

The compliance profiles, the archive scans, the test packages with their XML index and SHA-256 fingerprint, the contingencies and the alerts are stored in your database. They are not copied to FlexigoTech Cloud.

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# 16 What happens automatically

| TASK | FREQUENCY | WHAT IT DOES |
|---|---|---|
| **Belgium Peppol: Archive Integrity Scan** | Every 7 days (active) | Scans each company's archive and checks that the UBL XML that Odoo stored for each invoice exchanged via Peppol is still intact. If it finds anomalies, it creates an alert. |
| **Belgium Peppol: Annual AAI Statistics Report** | Every month (active) | Only acts in January: for each company it generates a test package for the previous calendar year. The rest of the months it does nothing. |
| **Belgium Peppol: Monthly Compliance Digest** | Every month (active) | If there are open alerts from the last 30 days, it leaves an alert with their summary inside Odoo. |
| **Belgium Peppol: Fallback Deadline Alert** | Every day (active) | Looks for open contingencies whose follow-up date has passed, moves them to the **Past Deadline** state and creates an alert for each one, assigned to its owner. |

The frequencies are changed in **Settings › Technical › Automation › Scheduled Actions**, with developer mode enabled. If the scan fails for one company, the others are scanned anyway.

# 17 The module options and how they come

| OPTION | HOW IT COMES | WHAT IT DOES |
|---|---|---|
| **Peppol mode of the profile** | Test (SMK) | It is chosen in each company's profile, between SMK test and production. The connection test, the customer search and the test package search the network in that mode. |
| **Peppol ID of the profile** | Empty | The company's Peppol ID, in ISO 6523 format. The wizard fills it in when finished, and it is the one the test package looks up on the network. |
| **Access point of the compliance profile and your contract reference** | Empty | The access point you note in the profile and your contract reference with it. It is only a note: the connection test does not compare it with the one published by the SMP. |
| **Peppol VAT category of each tax** | No fixed value | In **Invoicing › Belgium Peppol › Configuration › VAT Category Mappings** you choose, for each tax of the company, its Peppol VAT category. |
| **Access point list** | With 2 records on installation | In **Invoicing › Belgium Peppol › Configuration › Access Points** there is the list from which you choose the access point of the profile. You can add more. |
| **Test pack period** | No fixed value | Each pack covers the period you indicate with its two dates, start and end. |
| **Tolerance tests** | Unticked | Test pack checkbox: if you tick it, the pack adds the contingencies recorded between 1 January and 31 March 2026, the tolerance period. |

The rest is not adjusted. The status of the profile and the readiness percentage are set by the wizard when it finishes, and the result of the connection test when you press **Test connection**. The **Alert Settings** tab of the profile has two thresholds and the scan frequency, but no calculation uses them: the scheduled file scan runs every 7 days.

## What is done by hand

| SCREEN | BUTTONS |
|---|---|
| **Compliance profile** | **Setup Wizard** and **Generate Evidence Pack** |
| **File scan** | **Scan now** |
| **Evidence pack** | **Generate** and **Verify** |
| **Pack batch** | **Generate All** |

The verify button of the pack recalculates the whole pack: it checks that the XML index matches the SHA-256 fingerprint and that each section matches its own SHA-256. The result, whether it matches or not, is kept in the history of the pack; it does not change its status or create alerts.

# 18 Security and personal data

- The module has five user groups: Auditor, User, Manager, IT and Fiduciaire, all with the prefix Belgium Peppol. User includes Auditor; Manager includes User; and IT and Fiduciaire include Manager. On installation, the administrator is placed in IT.
- Each user only sees the profiles, mappings, scans, packs, contingencies and alerts of the companies they have active.
- The permission to use FlexigoTech Cloud is granted and withdrawn by a database administrator, in Settings, in the FlexigoTech Cloud block. When activating the trial you must accept the list of data that is sent and the subscription terms.
- Only the Peppol ID being looked up leaves towards the Peppol network. The lookup goes first to the SML via DNS, queried over HTTPS through cloudflare-dns.com and, if it does not respond, dns.google, and then, depending on the case, to the participant's SMP and to the access point it names.
- Only the data identifying the database and that of whoever accepts reach FlexigoTech Cloud: the company name and the email of whoever accepts, with the date and version of the accepted text.
- Your customers, orders, invoices and products stay in your Odoo: the connection with FlexigoTech Cloud does not send them.

### How a test pack is protected

A test pack carries a PDF and an XML index with the sections of what your database stores for that company in the period, as it is. Each section carries its SHA-256, and the PDF prints a SHA-256 fingerprint of the index. The verification button recalculates the fingerprint and each section and records the result in the history of the pack.

The file scan checks, per company, the UBL XML that Odoo stored for each invoice exchanged via Peppol and that is less than 7 years old from the invoice date. It reads it from the file store and compares it with the checksum Odoo stored when writing it. It counts three things: missing files, altered files and invoices without an archived original XML. It is launched with a button and every 7 days with a scheduled task. If it finds anomalies, it creates an alert inside Odoo.



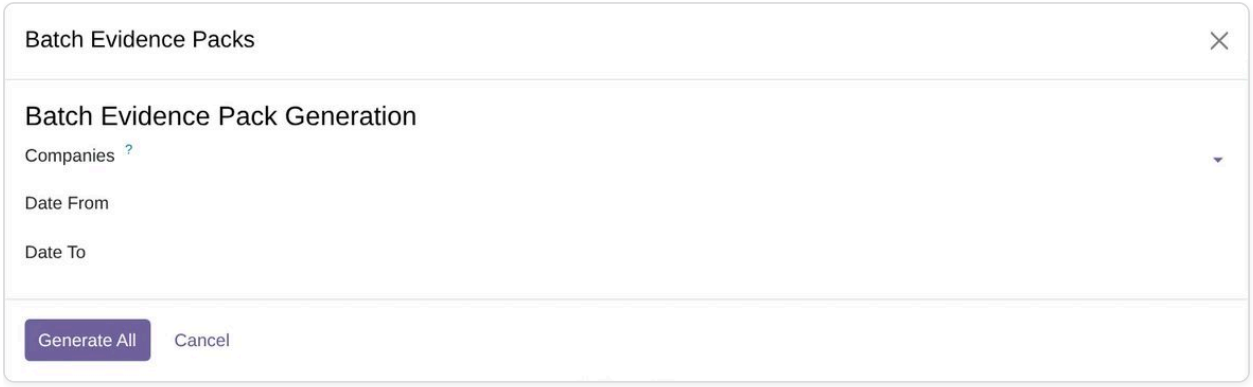
# 19 Several companies

Each company has its own compliance profile, with its Peppol ID, its noted access point and its VAT mappings. Test packs are also per company, and each one only collects that of its own company.

The scheduled file scan task goes through all companies every 7 days. If the scan of one company fails, the others continue to be scanned.

With batch generation of test packs you choose several companies and a period, with start and end dates, and one button creates a pack per company. If one fails, the packs already generated remain. If you choose no company, Odoo warns with "Please select at least one company.".

The FlexigoTech Cloud permission is one for the whole database, not one per company. In Settings, each module has its own subscription for that production database. There are two plans, Standard and Pro, with the same monitoring service; what changes is the support response time.




- **Real Odoo 20 screenshot.** The pack generation wizard for batches, with the companies and the dates.

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# 20 If something fails

| | |
|---|---|
| **The connection test does not find your ID on Peppol** | First check the **Peppol Mode** of the profile: **Test / SMK** searches the test network, so an ID registered in production shows as not registered. Set it to **Production** and repeat the test. If it says "Enter the Peppol participant ID (step 2) before testing the connection.", go back to step 2 and enter the ID. |
| **A customer shows as Not Found in step 6** | Its ID is not registered in the network of the profile's mode: the row says so with what the network answered. If you send it an invoice outside Peppol, record it as a contingency. |
| **Step 6 does not let you continue** | The search found no contact with a VAT number. Add the VAT number to your customers and press **Look up customers on Peppol** again. |
| **The scan shows Fail** | There are anomalies: lost or altered files, or invoices without their archived XML. Open the scan and check the detail of the anomalies. With **Nothing to scan** there was no file to check, and that does not count as **Pass**. |
| **Verify gives "Verification FAILED"** | The stored XML index or one of its sections no longer gives its fingerprint: the pack changed after it was generated. A sealed pack cannot be repaired; generate a new one for that period. |
| **A contingency passes its follow-up date** | The daily task moves it to **Past Deadline** and creates an alert for its owner. Once it is resolved, change its status to **Resolved** on the form. |

Alerts are seen inside Odoo, in **Invoicing › Belgium Peppol › Logs & Audit › Alerts**. The scheduled scan creates an alert when it finds anomalies. The task **Belgium Peppol: Fallback Deadline Alert** warns each day about overdue contingencies, and **Belgium Peppol: Monthly Compliance Digest** leaves a summary each month.




- **Real Odoo 20 screenshot.** An alert for a contingency past its follow-up date.

## Other alerts you may see

| | |
|---|---|
| **"Please complete all company information fields before proceeding."** | Fill in all the company details in step 1. |
| **"Please enter a valid Peppol Participant ID with scheme prefix (e.g. 0208:0123456789)."** | Enter the Peppol ID with its scheme in front, separated by a colon. |
| **"Please select an Access Point provider before proceeding."** | Choose the access point in step 3. |
| **"Please run the connectivity test and ensure it succeeds before proceeding."** | Press **Test connection** in step 4 and move on when **Connection Successful** appears. |
| **"Please configure at least one VAT-to-Peppol category mapping."** | Define at least one mapping from tax to Peppol VAT category. |
| **"Please run the partner Peppol ID scan before proceeding."** | Run the lookup in step 6. If you already ran it, it found no contact with a VAT number. |
| **"End-to-end readiness check failed: ..."** | **Check readiness** lists what is missing: the VAT, the Peppol ID, the access point or the connection test passed. |
| **"Not all steps have been completed. Please verify each step before finishing."** | Review the wizard steps before finishing. |
| **"Only one Belgium Peppol compliance profile is allowed per company."** | That company already has a profile: open it from **Invoicing › Belgium Peppol › Configuration › Compliance Profiles**. **Dashboard** always opens a new one. |
| **"Evidence pack fingerprints and files are written by the generation only."** | The fingerprint and files of a pack are written only when generating it: they are not edited by hand. |

| | |
|---|---|
| **"Please select at least one company."** | Choose at least one company in the test pack batch. |

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# 21 Other ways of doing it

| WAY | WHAT IT MEANS |
|---|---|
| **By hand** | You check each customer in the Peppol directory or from their record, one by one. You keep the evidence in folders and sort it yourself. Nobody warns you if a file changes or disappears. |
| **Odoo alone, with its Peppol** | The Odoo app registers you on Peppol, sends and receives the invoices, and checks each contact from their record. The UBL XML is generated by account_edi_ubl_cii. |
| **This module, alongside Odoo's Peppol** | You keep using Odoo's Peppol to send and receive. It adds the 7-step wizard with the test of your ID on the network, the lookup of up to 500 contacts at once, the file scan, the sealed test packs, the contingency register and the alerts inside Odoo. |

If you send via Peppol with another program, the module does not replace that sending. It does not scan what that program stores either, and the test packs only collect the invoices exchanged by Odoo's Peppol. The wizard, the ID lookup and the contingencies work the same.

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# 22 Plans and price

**€9**

License per Odoo version.

+ FlexigoTech Cloud

**STANDARD**

**€29/month**

or €290 a year

First response within 1 working day

**PRO**

**€58/month**

or €580 a year

First response within 4 working hours

Video call if needed

14-day trial, no card

Prices exclude VAT

The module license is per Odoo version. FlexigoTech Cloud is paid monthly or yearly, and the 14-day trial does not ask for a card.

# 23 Frequently asked questions

**Since when has electronic invoicing between businesses been mandatory in Belgium?**

Since 1 January 2026, for Belgian businesses subject to VAT on their transactions with each other (law of 6 February 2024). Not with individuals, but you must be able to receive those from your suppliers.

**What is the fine for not having a way to issue and receive electronic invoices?**

For not having any at all, 1,500 euros the first time, 3,000 the second and 5,000 thereafter (article 5 of the Royal Decree of 8 July 2025), in addition to the usual fines for not issuing an invoice or issuing it with errors.

**Was there a tolerance period?**

Yes, for the first three months of 2026: the SPF Finances announced it would not apply penalties for infringements specific to the new obligation if the business could show it had taken steps in good time and reasonably. That period has already passed.

**How long must invoices be kept?**

Seven years from 1 January of the year following their issue, according to the SPF Finances.

**What is this module?**

It is a FlexigoTech module for businesses established in Belgium that invoice other businesses with Odoo. It sits alongside Odoo's Peppol and adds a 7-step wizard, a file scan, sealed test packs, contingencies and alerts.

**Does it work without FlexigoTech Cloud?**

No.

**What does FlexigoTech Cloud do for this module?**

Every day it checks the module's official sources and warns you in Settings if they change. It also gives the calendar of its deadlines.

**Which sources does it monitor?**

The einvoice.belgium.be portal, the Peppol BIS Billing 3.0 release notes and the changes to the VAT Directive.

**How much does the subscription cost?**

There are two plans with the same monitoring service: Standard, at €29 a month or €290 a year, and Pro, at €58 a month or €580 a year, excluding VAT.

**Does it work on Odoo Online?**

No. Odoo Online does not allow installing third-party modules. It works on Odoo.sh or on your own server.

**Do I need Odoo Enterprise?**

No. It depends on Odoo's Peppol app (account_peppol) and on UBL XML generation (account_edi_ubl_cii), which are Community: it works on both Community and Enterprise.

**Which Odoo versions does it work with?**

With Odoo 17, 18, 19 and 20.

**Does it send my invoices via Peppol?**

No. They are sent and received by Odoo's Peppol. The module sits alongside it.

**Does it register me on Peppol?**

No. Registration on Peppol is done by Odoo's Peppol. In the wizard you only note your Peppol ID and the access point.

**Does it generate the UBL XML for the invoices?**

No. Odoo generates it with account_edi_ubl_cii.

**Does it validate invoices before sending them?**

No. The module does not validate invoices or block any sending. The validation rules in its menu cannot be run from any screen.

**What is the setup wizard?**

A 7-step wizard that sets up a compliance profile per company. It collects the company details, the Peppol ID, the access point, the connection test, the VAT mapping, the customer lookup and a final check.

**What does the connection test check?**

It looks up your Peppol ID on the network of the profile's mode, test (SMK) or production: it asks the SML through DNS, then the participant's SMP, and calls the access point that this names. The result is shown as it was received.

**Does the connection test check the access point I chose?**

No. The access point in step 3 is a note and is not compared with the one published by the SMP.

**How does it look up my customers on Peppol?**

In step 6 of the wizard. It searches the Peppol network for the first 500 contacts with a VAT number and shows the result for each one in the wizard. The ID it derives from a Belgian VAT number is not saved on the contact.

**What does the wizard's last step do?**

It checks that the setup is complete. It does not send any invoice.

**What does the file scan check, and how often does it run?**

It checks that the UBL XML that Odoo stored for each invoice exchanged via Peppol is still intact, against Odoo's checksum. It runs with a button and every 7 days.

**What is an evidence pack?**

A sealed package with an XML index of sections, each with its SHA-256, and a SHA-256 fingerprint that the PDF prints.

**What does the verify button on the pack check?**

It recalculates everything: that the XML index matches the SHA-256 fingerprint and that each section matches its own SHA-256.

**Can I generate packs for several companies at once?**

Yes, in batch, from **Invoicing › Belgium Peppol › Logs & Audit › Batch Evidence Packs**. You choose the companies and the period, and one pack is created per company.

**What is a contingency?**

The manual record of an invoice that was sent outside Peppol, with its justification, its approval and a follow-up date.

**Does it send email notifications?**

No. Notices are shown inside Odoo: file scan anomalies, overdue contingencies and a monthly summary.

**What leaves my Odoo, and where does it go?**

Only the Peppol ID being looked up leaves towards the Peppol network. Towards FlexigoTech Cloud go the identification data of your database for monitoring; the exact list is shown before you accept. Your customers, invoices and products are not sent.

**Does it work for several companies?**

Yes. Each company has its own compliance profile, and evidence packs are generated per company.

**Is the subscription per company?**

No. Each module has its own subscription for the production database. Test and pre-production databases do not pay.

**What language are the module's screens in?**

In English in all languages.

**What licence and price does the module have?**

It is licensed under OPL-1 and priced at €9 on Odoo Apps. The FlexigoTech Cloud subscription is paid separately.

**How much code does it have, and what tests?**

6684 lines of code according to Odoo Apps and 110 automated tests, as of 15 November 2026.

**What does it install?**

4 active scheduled tasks, 15 menus of its own and 26 data models of its own or extended.

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# 24 Glossary

| | |
|---|---|
| **Peppol** | International network through which companies exchange electronic invoices in a common format. |
| **Access point** | Service that sends and receives your invoices on the Peppol network. The one in step 3 of the wizard is only a note on the profile. |

| | |
|---|---|
| **Peppol ID** | An identifier for a company on the network, with the scheme in front separated by a colon, for example 0208 and the company number. |
| **Scheme 0208** | Prefix indicating that the following part of the ID is a Belgian company number. |
| **BCE/KBO company number** | 10-digit number that identifies a company in Belgium. It is requested in step 1 of the wizard. |
| **SML** | Directory of the Peppol network that is queried through DNS to find where a participant is published. |
| **SMP** | Service where a participant publishes which documents it receives and through which access point. |
| **NAPTR** | DNS record type that the SML uses to point to a participant's SMP. |
| **DNS over HTTPS** | DNS query that travels over HTTPS. The module makes it first to Cloudflare and, if there is no response, to Google. |
| **Peppol BIS Billing 3.0** | Specification of the invoice type that is looked up in the SMP during the connection test. |
| **UBL** | XML format in which the invoice travels. It is generated by Odoo's Peppol, not by this module. |
| **SMK test mode** | Profile option chosen instead of production. It is the default in the profile: with it, lookups go to the Peppol test network. |
| **VAT category** | Peppol code (S, Z, E, AE, K, O, L, M) assigned to each sales tax. |
| **Compliance profile** | Per-company record with its details, its Peppol ID, the noted access point and the wizard status. |
| **File scan** | Check that the stored UBL XML of each invoice exchanged via Peppol is still the same as when Odoo recorded it. |
| **Checksum** | Fingerprint that Odoo stores when writing a file and against which the scan compares its content. |
| **SHA-256 fingerprint** | Code calculated over the XML index of an evidence pack, which the PDF prints. |
| **Evidence pack** | A PDF and an XML index with sections, each with its SHA-256. It is generated per company and period. |
| **Contingency** | Manual record of an invoice that was sent outside Peppol, as PDF or on paper, with justification, approval and a follow-up date. |
| **Notice** | Message inside Odoo, not by email, about file scan anomalies, overdue contingencies or the monthly summary. |

# 25 Checklist and contact

- [ ] You have Odoo 17, 18, 19 or 20 on Odoo.sh or your own server, with Invoicing, Odoo's Peppol with its UBL format, and Contacts.
- [ ] You have installed the module and see the menu **Invoicing › Belgium Peppol**.
- [ ] You have activated the 14-day FlexigoTech Cloud trial, accepting the data list and the terms.
- [ ] An administrator has granted the permission in Settings and the FlexigoTech Cloud block shows it connected.
- [ ] The profile is in the right mode: **Production** if your ID is registered in production.
- [ ] You have completed the profile wizard to the last step, with the connection test in step 4 passed.
- [ ] You have reviewed the VAT mapping in **Invoicing › Belgium Peppol › Configuration › VAT Category Mappings**: each sales tax has its Peppol category.
- [ ] You have looked up your contacts on Peppol in step 6 and checked the status of each one.
- [ ] You have run the first file scan from **Invoicing › Belgium Peppol › Logs & Audit › Archive Scans** and opened its result.
- [ ] You have generated the first evidence pack and verified it.
- [ ] Someone has been assigned to check **Invoicing › Belgium Peppol › Logs & Audit › Alerts** inside Odoo.

If you would like us to set it up with you, write to us. With the Pro plan, if needed, we can review it by video call.

### Email

To install it, set it up or for any question.
comercial@flexigotech.com

### On the web

The module page, with the guide and the prices.
flexigotech.com/en/peppol-belgique-odoo.html

### On Odoo Apps

The module page on the Odoo store.
apps.odoo.com

Belgium Peppol for Odoo is a FlexigoTech module for Odoo. FlexigoTech is a brand of Flexibles y Accesorios Gobe, S.L. (Barcelona, Spain).