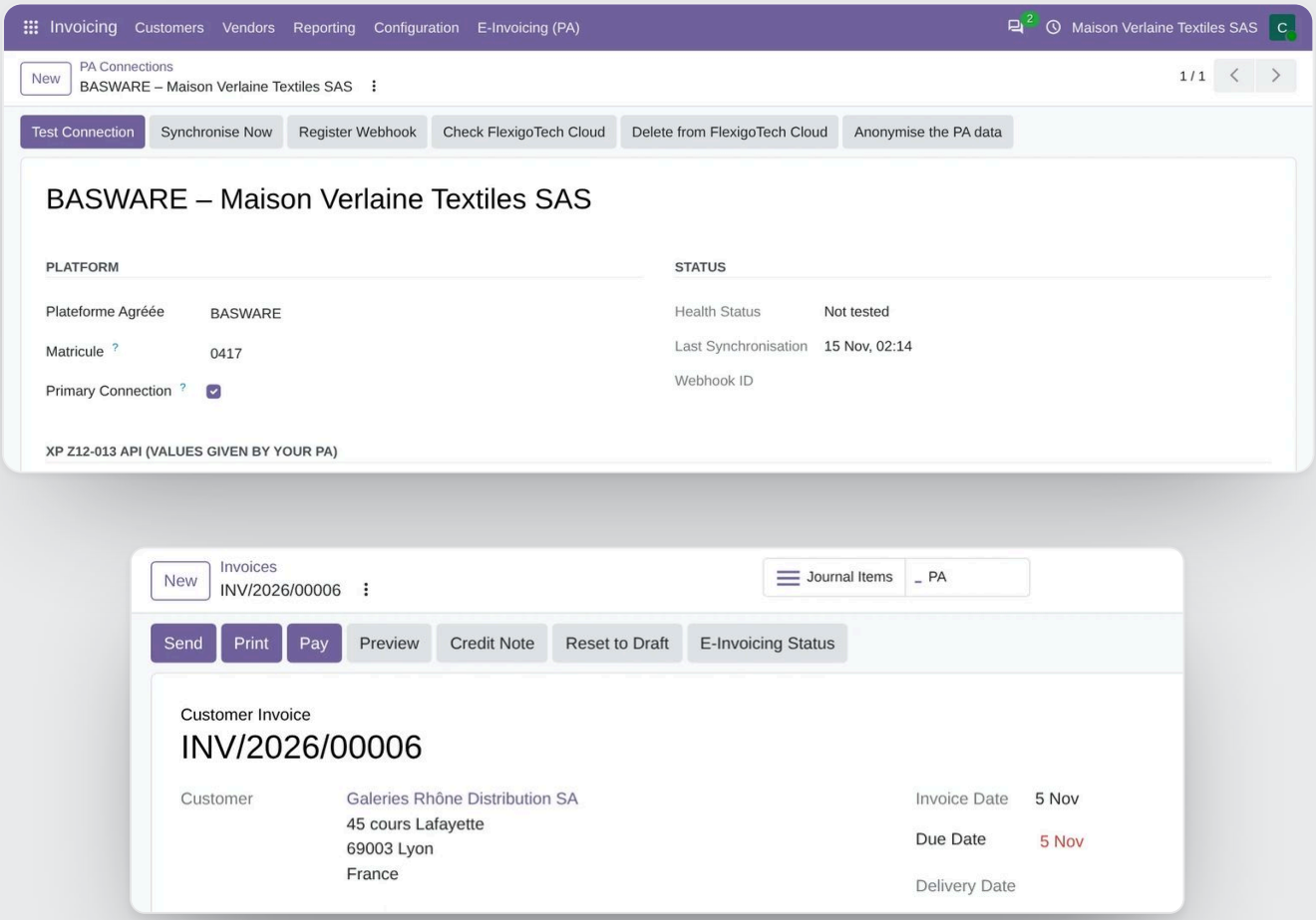
CONNECTOR GUIDE · INVOICING AND TAX

Factur-X & PA France connector for Odoo

Your Odoo invoices go to the Plateforme Agréée (PA) you have signed up with, as Factur-X, UBL or CII, and your vendor bills and the status of each invoice come back to Odoo.

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



Real Odoo 20 screenshot. A PA connection and, next to it, a customer invoice with the E-Invoicing Status button in the header. The PA is an example one, in a demo with a simulator.

Contents

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

1	Who it is for and what it solves	3
2	Electronic invoicing in France	4
3	The connector in numbers	5
4	Where you see it in your Odoo	5
5	What you need before you start	6
6	The FlexigoTech Cloud trial	6
7	Connecting your PA step by step	8
8	Send customer invoices to your PA	11
9	Life-cycle statuses for each invoice	14
10	Life-cycle statuses, one by one	16
11	Supplier invoices received by the PA	17
12	E-reporting: transactions and payments	20
13	National directory and INSEE Sirene data	22
14	API log and evidence export	25
15	The data that goes out and comes back	27
16	What runs by itself	28
17	The PA options and how they arrive	28
18	Security and personal data	30
19	Several PAs and several companies	31
20	If something fails	31
21	Other ways of doing this	33
22	Plans and pricing	33
23	Frequently asked questions	34
24	Glossary	37
25	Checklist and contact	38

This guide describes version 20.0.2.1.7 of the module (Odoo branch 20.0, commit bd83fd806). Everything in it comes from its published code, the platform's official documentation or real screenshots.

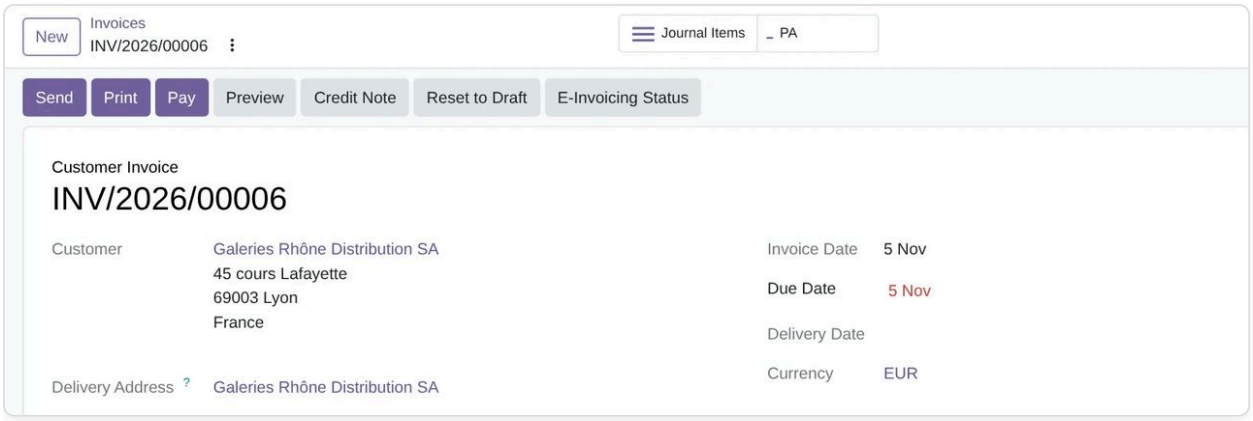
The screenshots come from a test Odoo 20 database, with a made-up company and data and no real connection to Factur-X & PA France. The module also has a version for Odoo 17, 18 and 19.

1 Who it is for and what it solves

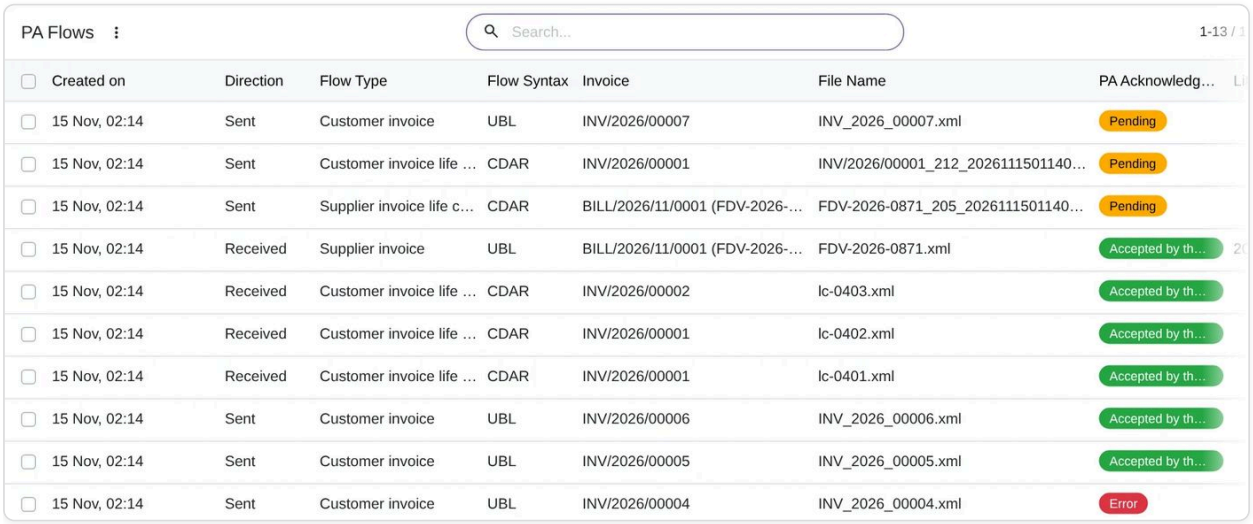
> The connector requires a FlexigoTech Cloud subscription, with a 14-day trial and no card required. Without the trial or the subscription, the connector does not talk to your PA.

The connector is not a PA and does not send anything to the PPF. Odoo generates the invoice in UBL (CIUS FR), CII (EN 16931) or Factur-X, and the module sends it to the PA you already have contracted, through the AFNOR XP Z12-013 API. Every call goes through FlexigoTech Cloud, which stores your PA's secret encrypted, requests the token from the PA and forwards the request to it.

Without the connector, someone takes the invoices out of Odoo, uploads them to the PA's portal and manually copies back into Odoo how they went: accepted, rejected, approved. Supplier invoices are uploaded by hand. With the connector, the invoice goes from Odoo to the PA, the statuses return to the invoice, and supplier invoices come in as drafts.



- **Real Odoo 20 screenshot.** A customer invoice with the **E-Invoicing Status** button in the header.



- **Real Odoo 20 screenshot.** The list of sent and received documents with their status.

What changes day to day

- You send the invoice to your PA from Odoo, with a button on the invoice itself.
- Supplier invoices that reach you through the PA come into Odoo as drafts.
- Life-cycle statuses arrive every 15 minutes, or immediately if you register the webhook, and are shown on the invoice.

- You can send a life-cycle status yourself from a window on the invoice.
- Odoo builds the e-reporting and the module deposits it with your PA.
- Every call to the PA is logged in **Invoicing › E-Invoicing (PA) › PA API Log**, and you can export the evidence from **Invoicing › E-Invoicing (PA) › Export Evidence**.

What it does not do

- It is not a PA and does not send anything to the PPF: everything goes to your PA.
- It does not write the invoice XML: Odoo builds it, with its UBL and CII builders.
- It does not validate invoices with Schematron or XSD: the warnings from Odoo's builder stop the sending, and the PA replies Ok or Error. It only validates against an XSD the life-cycle messages (CDAR) it sends.
- It was tested against a simulator of the XP Z12-013 API, not against a real PA.
- It does not come with translations: its screens and menus appear in English in every language.

2 Electronic invoicing in France

From 1 September 2026, all companies subject to VAT in France, whatever their size, must be able to receive electronic invoices. From that same day, large companies and intermediate-sized enterprises (ETI) must issue them; small and micro enterprises must issue them from 1 September 2027. The transmission of data to the tax administration (e-reporting) follows the same timetable. This is set out in the reform's timetable and FAQ on impots.gouv.fr and in the DGFiP's launch guide.

Invoices between businesses are issued, transmitted and received through a plateforme agréée (PA, formerly called PDP): a private company registered by the tax administration. The PA extracts from each invoice the data the administration requires, and also transmits to it its customers' transaction and payment data (e-reporting). Each company chooses its PA from among the registered ones, whose list is published by impots.gouv.fr.

There is no public portal for exchanging invoices: France chose not to create one. The public invoicing portal (PPF) provides the directory and declaration services: the directory is used to route each invoice to the recipient's PA, and the administration collects the data the PAs transmit to it. For the public sector, the reference platform is Chorus Pro.

An electronic invoice carries its data in a structured format: UBL, CII or a hybrid format, with a data file and an image. The DGFiP's external specifications (version 3.2, of 30 April 2026) set UBL, CII and Factur-X as the base formats, and the invoice carries 34 mandatory data items, including the customer's SIREN. A PDF sent by email is no longer an electronic invoice.

The API between a company's system and its PA is the AFNOR XP Z12-013 standard; impots.gouv.fr cites it among the reform's documents, alongside XP Z12-012 (formats) and XP Z12-014 (use cases).

> According to the DGFiP's launch guide, during the launch phase no penalties apply to companies that are having difficulties but are following a serious path towards compliance. The guide itself makes clear that this is neither a postponement nor a suspension of the obligation.

Where the module fits in

The module links your Odoo with your PA through the XP Z12-013 API: it sends your customer invoices to it, deposits the e-reporting that Odoo prepares, and brings in what the PA has for you, whether supplier invoices or

statuses. It is not a PA, does not talk to the PPF and does not replace your contract with the PA.

CONNECTOR GUIDE · FACTUR-X & PA FRANCE

3 The connector in numbers

4
Odoo versions (17, 18, 19 and 20)

2
scheduled tasks

6
own menus

4,899
lines of code (Odoo Apps, 20.0)

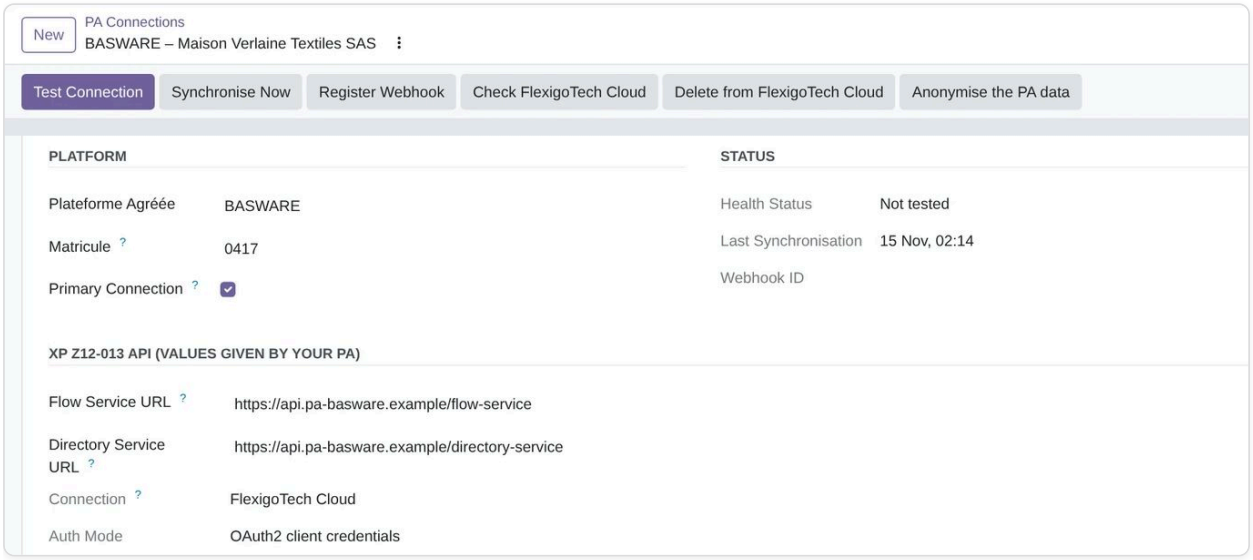
3 and 10
connections per plan (Standard and Pro)

111
automated tests

It works with Odoo Community and Enterprise: it depends on two Odoo Community modules, French electronic invoicing (`l10n_fr_pdp`) and invoices in UBL and CII (`account_edi_ubl_cii`), and on `flexigotech_cloud`. It is published for Odoo 17, 18, 19 and 20. It was tested against a simulator of the XP Z12-013 API, without a real PA.

CONNECTOR GUIDE · FACTUR-X & PA FRANCE

4 Where you see it in your Odoo



- **Real Odoo 20 screenshot.** The connection with the PA, with its buttons and its health status. The PA is an example one, in a demo with a simulator.

Invoicing › E-Invoicing (PA)	App menu. It contains **Invoicing › E-Invoicing (PA) › PA Flows**, with the sending and receiving of documents to the PA, **Invoicing › E-Invoicing (PA) › Export Evidence**, which opens the **Export E-Invoicing Evidence** window, and **Invoicing › E-Invoicing (PA) › PA API Log**, with the record of each call to the PA.
Invoicing › Configuration › PA Connections	The list of your PA connections.

Invoicing › Configuration › Plateformes Agréées	The list of Plateformes Agréées published by the DGFiP, which the module brings in so you can choose yours.

Outside its menu, on invoices the module adds the **Send to PA** buttons (on registered customer invoices) and **E-Invoicing Status**, and at the top right the **PA** button, showing the latest life-cycle status, which opens that invoice's flows. In the invoice list it adds the **PA Life-Cycle Status** column. On the contact form it sets the **French e-invoicing** group on the **Invoicing** tab, and in the Invoicing settings, the **French E-Invoicing (Plateforme Agréée)** block, with access to the connections and the **INSEE Sirene** key.

The menus depend on the user's group in France E-Invoicing: **Export Evidence** and **PA API Log** belong to the Manager group, and **PA Connections** to the Administrator group.

5 What you need before you start

- A contract with your PA that includes its AFNOR XP Z12-013 API and, from it, the Flow Service URL, the Directory Service URL if it offers the directory, the OAuth2 token URL, the Client ID, the client secret and the PA's 4-digit matricule.
- The permissions your PA requires to deposit invoices and download flows with those credentials.
- That your PA is on the DGFiP's official list and that its URLs are on its own domain: FlexigoTech Cloud only calls addresses on the domain of the website or contact email of a PA on that list, or on its subdomains.
- The SIRET or SIREN of your company and of your French customers, on their records: an invoice does not go out without the customer's, and a status needs both.
- Odoo 17, 18, 19 or 20, Community or Enterprise, on Odoo.sh or on your own server. It does not work on Odoo Online, which does not allow installing third-party modules.
- An Odoo administrator user: only an administrator can see and use the client secret and the actions that delete and anonymise a PA.
- The FlexigoTech Cloud subscription or its trial: without them the connector does not talk to your PA.
- To complete customers from Sirene, your INSEE Sirene API key (portail-api.insee.fr).
- If you want your PA to notify Odoo immediately, which is optional: the FLEXIGO_FERNET_KEY environment variable on the Odoo server, and your Odoo must be reachable from the internet.

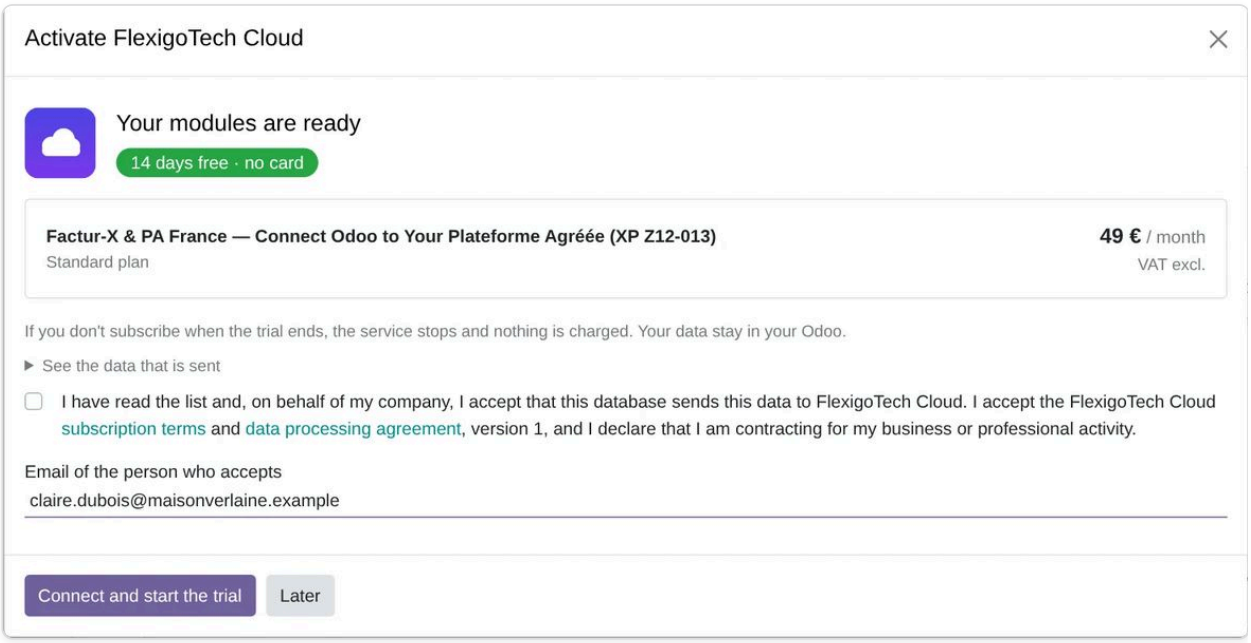
> The connector does not register you with your PA, does not give you its API credentials or permissions, and is not a PA nor sends anything to the PPF. You must have all of that sorted with your PA before you start.

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 with FlexigoTech Cloud, and the two Odoo modules it depends on, `l10n_fr_pdp` and `account_edi_ubl_cii`, which Odoo usually already installs with the French localisation.

6 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 days free, 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**

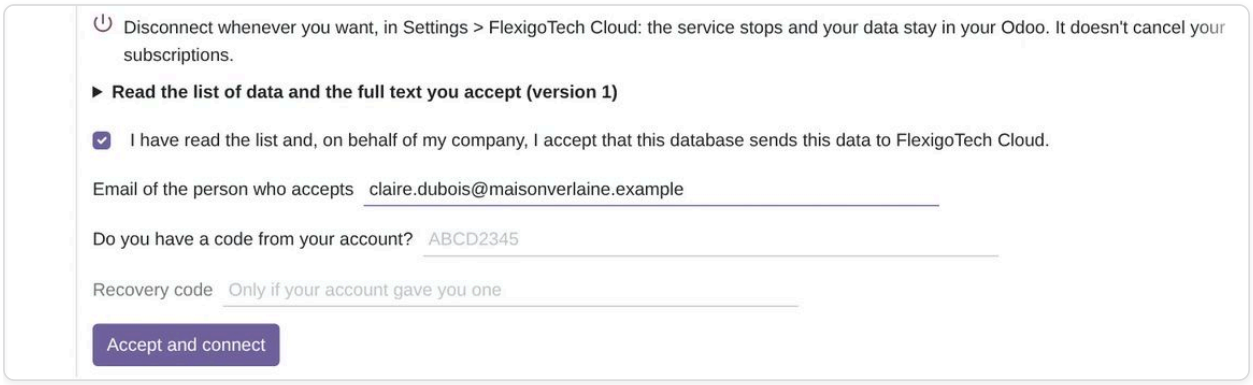
Tick «I have read the list and, on behalf of my company...» (this includes the subscription terms and the data processing agreement) and enter the **Email of the person who accepts**.

3 **Click Connect and start the trial**

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

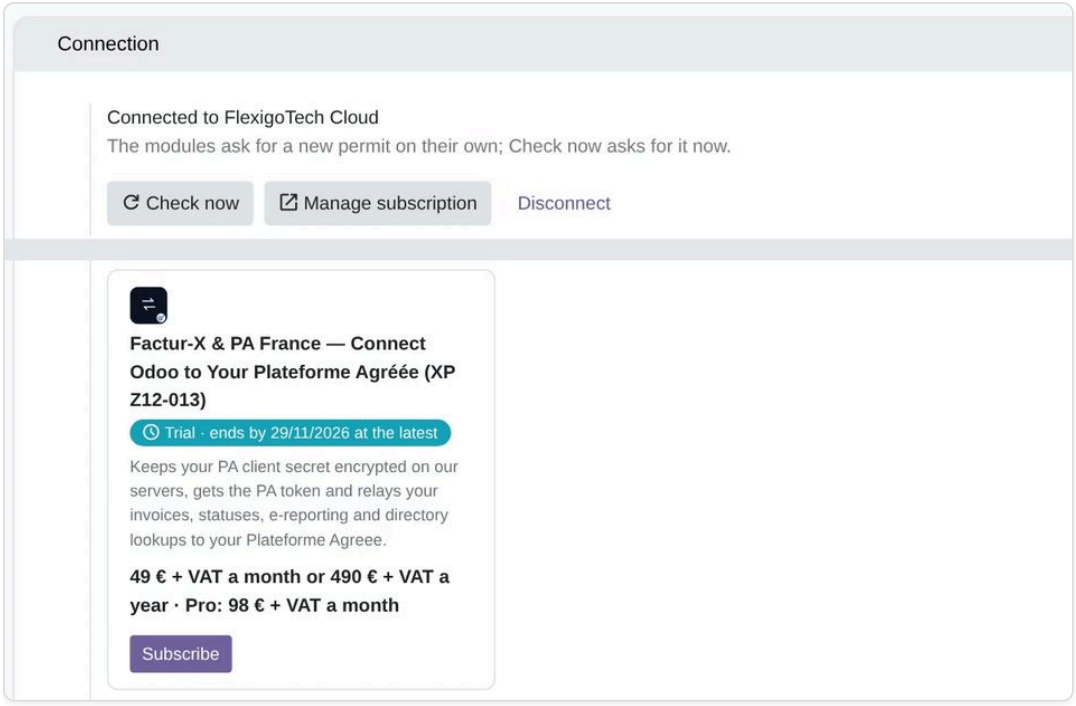
The same, from Settings

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**, and so on. 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 connector 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 the permission immediately (otherwise the module renews it automatically every 6 hours).

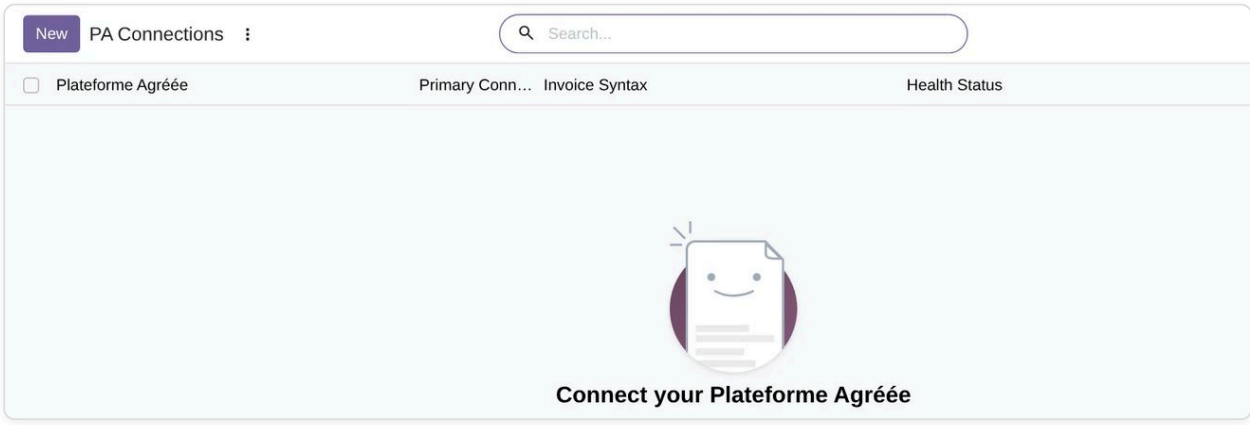
> You cannot start a trial on a neutralised copy (staging) or on a database with demo data: Settings says «This database is a neutralised copy or has demo data, so trials can't be started here.»

CONNECTOR GUIDE · FACTUR-X & PA FRANCE

7 Connecting your PA step by step

1 Open the PA menu

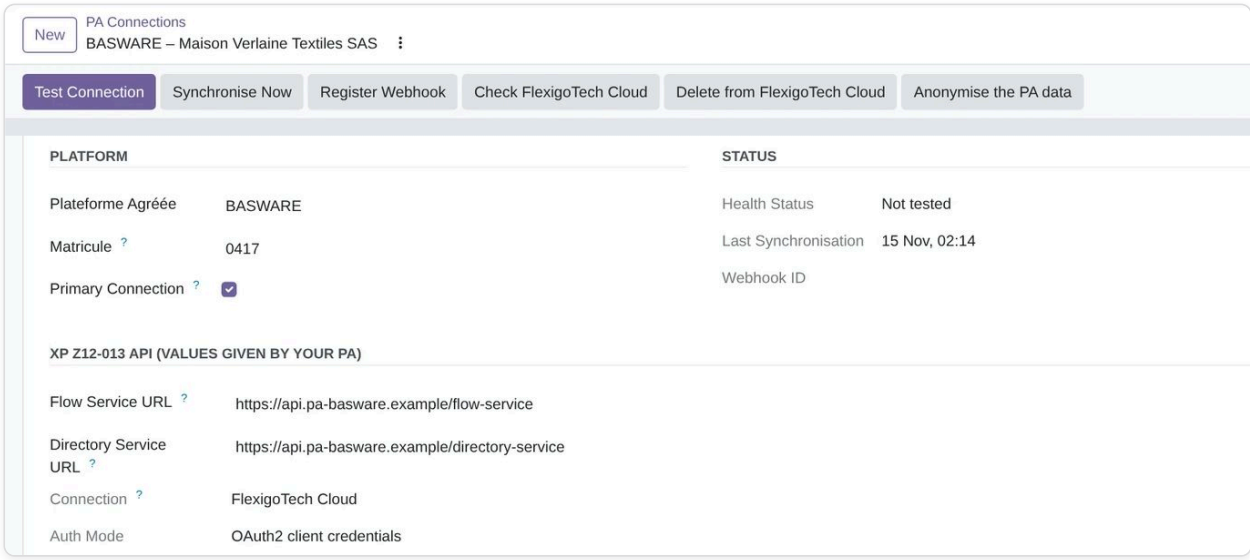
Go to **Invoicing › Configuration › PA Connections**. If there are none yet, the list is empty and invites you to connect your Plateforme Agréée.



- **Real Odoo 20 screenshot.** The empty PA Connections list, before creating the first one.

2 Click New

The new PA form opens. In **Plateforme Agréée** you choose your PA and in **Matricule** you enter the PA's 4-digit matricule, the one it gave you.



- **Real Odoo 20 screenshot.** The PA form, with the XP Z12-013 API details. The PA is an example one, in a demo with a simulator.

3 Fill in the API details

In the **XP Z12-013 API (values given by your PA)** group enter the **Flow Service URL**, the **Directory Service URL** if your PA offers the directory, the **OAuth2 Token URL** and the **Client ID**. The URLs must be https, without a port, without a query and without a fragment. **Auth Mode** stays at **OAuth2 client credentials**, the only one FlexigoTech Cloud uses.

4 Enter the client secret and give consent

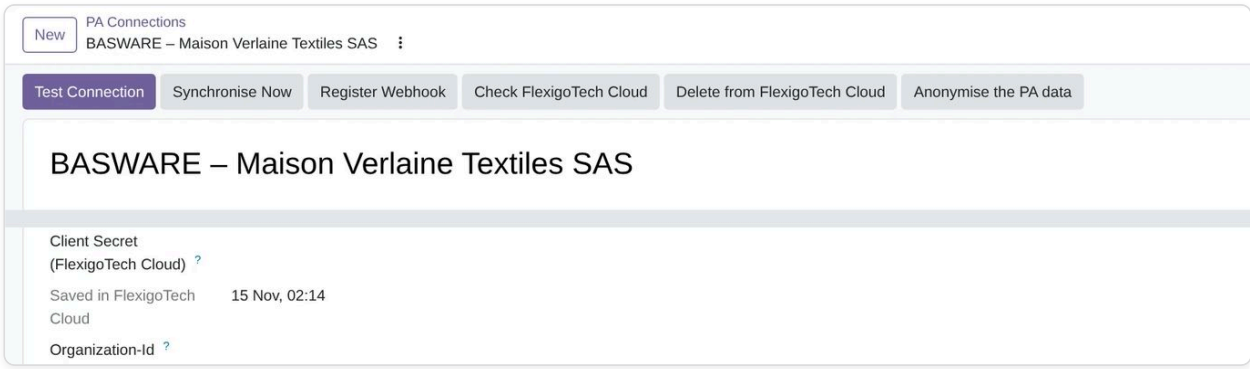
Tick **I agree that FlexigoTech Cloud keeps my PA client secret** and enter the secret in **Client Secret (FlexigoTech Cloud)**. The **Connection** always goes through **FlexigoTech Cloud** and can't be changed.

5 Choose the format and options

In **Invoice Syntax** choose **UBL 2.1 (CIUS FR)**, **UN/CEFACT CII (EN 16931)** or **Factur-X (PDF/A-3)**, and tick **Primary Connection**: invoices and e-reporting for the company go out through that connection. **Send E-Reporting Through This PA** is ticked by default, and then Odoo asks for the **E-Reporting Start Date** when saving; if you are not yet going to send e-reporting through this PA, untick it.

6 Save

The secret travels once to FlexigoTech Cloud and is not kept in Odoo. Afterwards the date and time appear in **Saved in FlexigoTech Cloud**.



- **Real Odoo 20 screenshot.** The saved PA, with the date it was saved in FlexigoTech Cloud. The PA is an example one, in a demo with a simulator.

7 Test the connection

Click **Test Connection**. FlexigoTech Cloud requests the token from your PA and Odoo calls its flow service, and the directory service too if you entered one. If it responds, "Connection OK." appears and **Health Status** changes from **Not tested** to **OK**; if not, it changes to **Error** and **Health Message** says why.

> The client secret and the **Delete from FlexigoTech Cloud** button are visible and usable only by an administrator. Whoever ticks the consent agrees that FlexigoTech Cloud stores your PA's secret encrypted and that your calls to it pass through FlexigoTech Cloud, without storing their content. The secret is deleted when you delete it here or when the subscription ends.

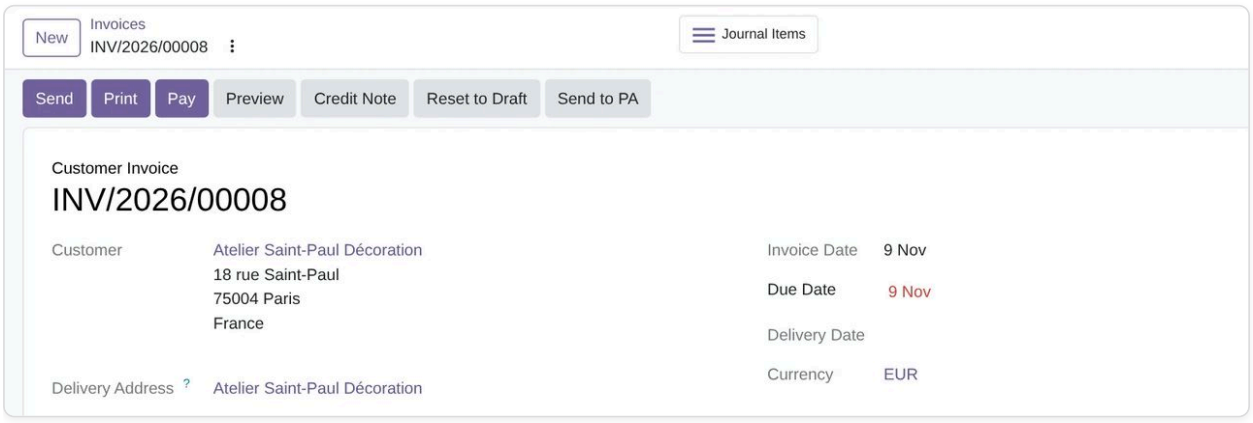
Once connected, data arrives on its own: the **[France PA] Synchronise flows with the PA** task synchronises the flows every 15 minutes, and **Synchronise Now** does it immediately.

Instant notifications (webhook)

With **Register Webhook**, your PA notifies Odoo of each new flow it has for you, such as a supplier invoice or a status update, and Odoo fetches it straight away without waiting for the task. The PA's responses to what you send do not come in the notification: they still arrive with the task or with **Refresh From PA**. Odoo gives the PA its own address to send notifications to, so your Odoo must be reachable from the internet. The key your PA uses to sign notifications is stored encrypted in Odoo, and for that the Odoo server needs the environment variable FLEXIGO_FERNET_KEY set to a Fernet key. You can generate one with `python3 -c 'from cryptography.fernet import Fernet; print(Fernet.generate_key().decode())'`.

> Without FLEXIGO_FERNET_KEY, **Register Webhook** gives an error ("The FLEXIGO_FERNET_KEY environment variable is not set: PA secrets cannot be stored. Contact your system administrator.") and the flows keep arriving through the 15-minute task. If you change the key, Odoo can no longer read the one it stored: click **Register Webhook** again.

8 Send customer invoices to your PA



- **Real Odoo 20 screenshot.** Registered customer invoice with the **Send to PA** button at the top.

Sending is not automatic. The **Send to PA** button appears on registered customer invoices and credit notes. It is hidden if the invoice is in draft, if it is a supplier invoice, or if the sending is already pending or accepted. To see it you need this module's user permission. If the PA replied **Error**, it appears again so you can send it once more.

Only invoices for customers that are companies established in France, with a SIRET or SIREN on their record, go out. Otherwise the button sends nothing and warns that that sale goes through e-reporting.

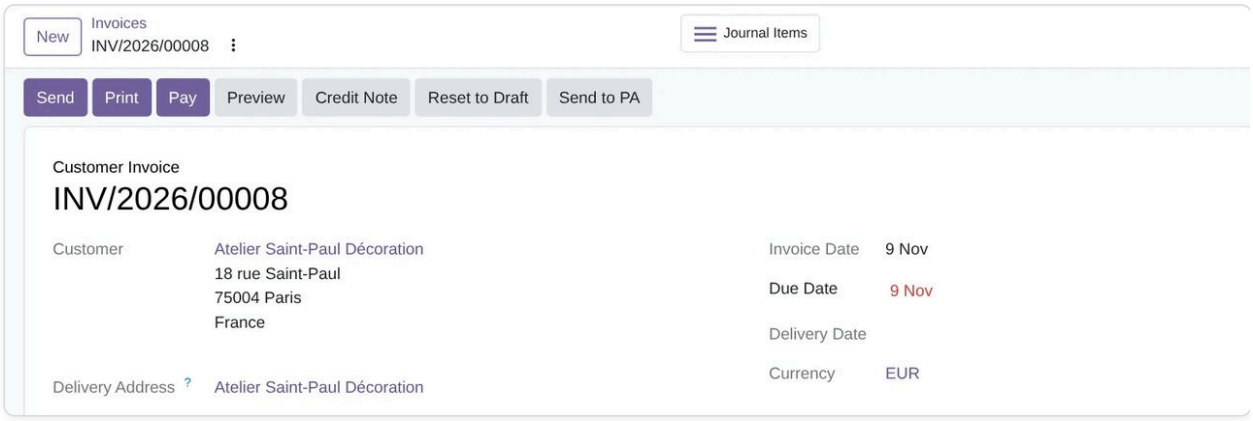
When you click it, Odoo generates the file in the format of the main connection (UBL, CII or Factur-X, which is the invoice PDF with the CII inside) and the module deposits it with your PA. If Odoo's builder raises warnings, nothing is sent and you see them on screen. Each deposit is recorded in **Invoicing › E-Invoicing (PA) › PA Flows**.

Send to PA	Deposits the invoice with the PA.
E-Invoicing Status	Opens the window to send a life-cycle status for this invoice. It does not appear if the invoice is not posted or if it has not yet gone through the PA.

On the invoice, the **PA** button shows the latest life-cycle status and opens its flows; in the invoice list you see it in the **PA Life-Cycle Status** column. The PA's response to the deposit is in the flow, under **PA Acknowledgement**: **Pending**, **Accepted by the PA** or **Error**.

Life-cycle statuses arrive with the task **[France PA] Synchronise flows with the PA**, which runs every 15 minutes, or immediately if you have registered the webhook. In the flow of a sent document, **Refresh From PA** requests the PA's response for that deposit again.

1. **Open a posted customer invoice**
   The **Send to PA** button appears.



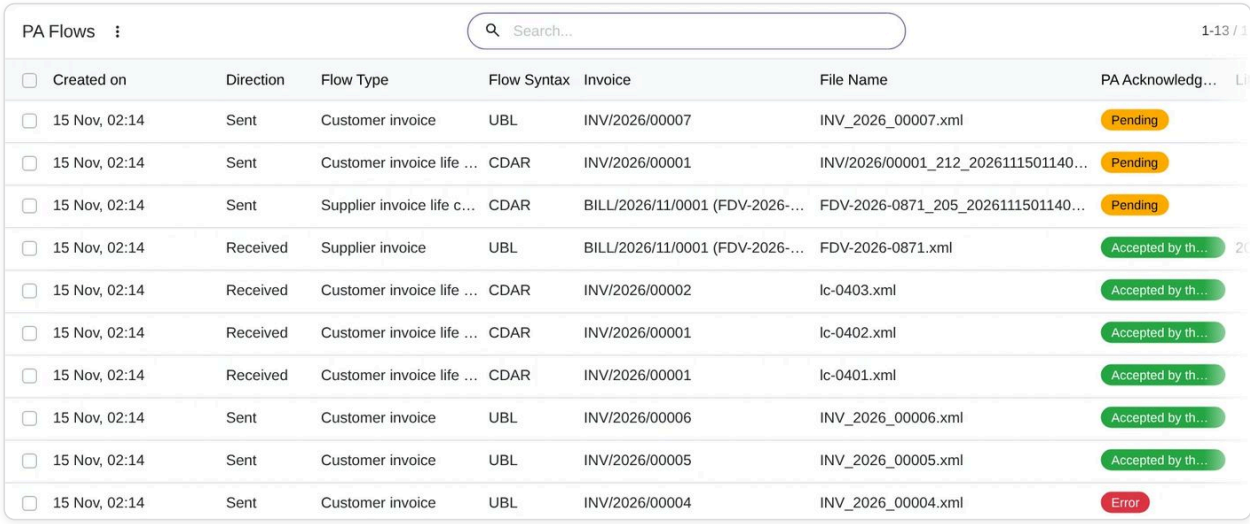
- **Real Odoo 20 screenshot.** Posted invoice pending sending.

2 **Click Send to PA**

The invoice is deposited with your PA and its flow stays in **Pending** until the PA responds.

3 **Open Invoicing › E-Invoicing (PA) › PA Flows**

The flow appears there with its status.



- **Real Odoo 20 screenshot.** List of flows with the sending of a customer invoice.

> A draft invoice cannot be sent, and an invoice already pending or accepted by the PA cannot be sent again either.

Which rule applies to each invoice

The module decides the processing rule that accompanies the submission: B2B if the customer is a company established in France with a SIRET or SIREN, and B2G if, in addition, **Public Entity (B2G)** is ticked, because the PA routes it to Chorus Pro. If the customer is not a company established in France with a SIRET or SIREN, the button sends nothing and warns you that this sale goes through e-reporting: sales to individuals and international sales are aggregated by Odoo's e-reporting (`l10n_fr_pdp`). In the shipment record, **Processing Rule** shows the rule applied, for example **B2B e-invoicing** or **B2G e-invoicing**.

The file that is sent

The UBL comes from Odoo's French builder, the CII from Odoo's EN 16931 module, and the Factur-X is the invoice PDF with the CII embedded as a PDF/A-3 attachment. The module does not validate the XML: if Odoo's builder raises warnings, sending stops, and afterwards the PA replies Ok or Error.

PA Acknowledgement statuses

STATUS	WHAT IT MEANS
Pending	The flow has been sent and the PA has not yet replied.
Accepted by the PA	The PA has accepted the deposit.
Error	The PA has rejected the deposit. The details are in **Acknowledgement Details**.

In **PA Flows** you can filter by **Sent**, **Received**, **Errors** and **Pending**, and group by **Flow Type** or **Life-Cycle Status**.

Rules and conditions

- **Send to PA** is hidden if the invoice is not posted, if it is not a customer invoice (or credit note), or if the sending is already **Pending** or accepted.
- **E-Invoicing Status** is hidden if the invoice is not posted or if it has not yet gone through the PA.
- **Refresh From PA** is hidden if the flow has no **PA Flow ID** or if it is not an outgoing flow.
- The flow list does not let you create or edit flows by hand: the module creates them.

The flow record

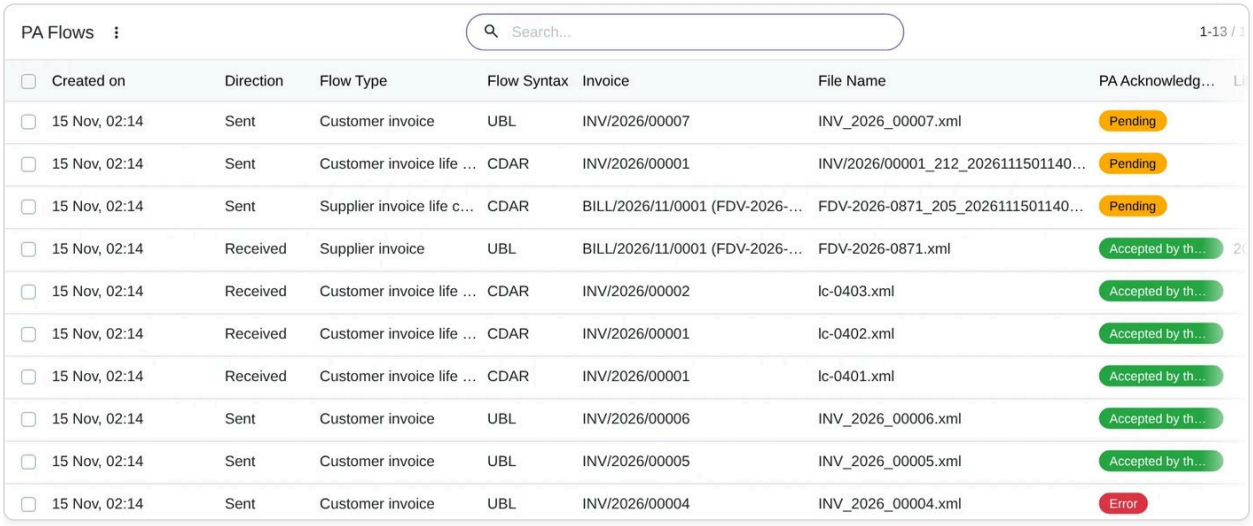
PA Connection	The connection with the PA through which the flow travels.
Direction	**Sent** or **Received**.
Invoice	The Odoo invoice it corresponds to.
PA Flow ID and **Tracking**	The flow's identifiers at the PA.
Flow Type and **Flow Syntax**	What the flow is (for example **Customer invoice**) and in which format it travels (**UBL**, **CII**, **Factur-X**, **CDAR** or **FRR**).
Flow Profile and **Processing Rule**	The file profile and the processing rule.
Payload and **SHA-256**	The file sent, with its name, and its fingerprint.
Submitted At	When it was sent.
Acknowledgement Details	The details of the PA's response, when there are any.

The **Life Cycle** tab shows the flow's status history.

End-to-end example

Invoice INV/2026/00008, for €1,785.00 excluding tax and €2,142.00 including VAT, is for Atelier Saint-Paul Décoration. It is posted and has not been sent. You click **Send to PA**: Odoo generates the file and the module

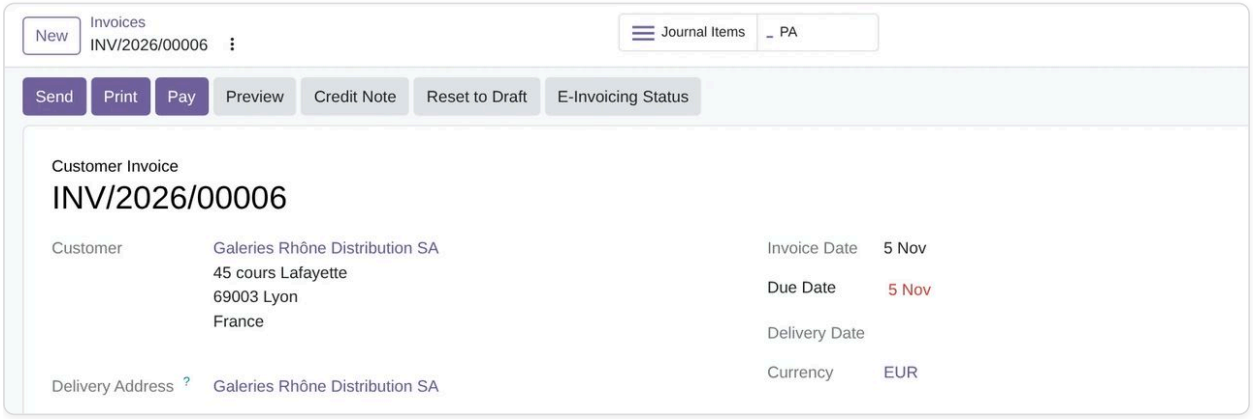
deposits it with your PA. In **Invoicing › E-Invoicing (PA) › PA Flows** a flow of type **Customer invoice** appears with **PA Acknowledgement** at **Pending**, like the one for INV/2026/00007, whose file is called INV_2026_00007.xml. When the PA accepts the deposit, it moves to **Accepted by the PA**: this comes through the 15-minute task or **Refresh From PA**. Life-cycle statuses arrive afterwards, with the same task or with the webhook.



- **Real Odoo 20 screenshot.** Flows for INV/2026/00007 at **Pending**.

CONNECTOR GUIDE · FACTUR-X & PA FRANCE

9 Life-cycle statuses for each invoice



- **Real Odoo 20 screenshot.** Posted customer invoice, with the header buttons.

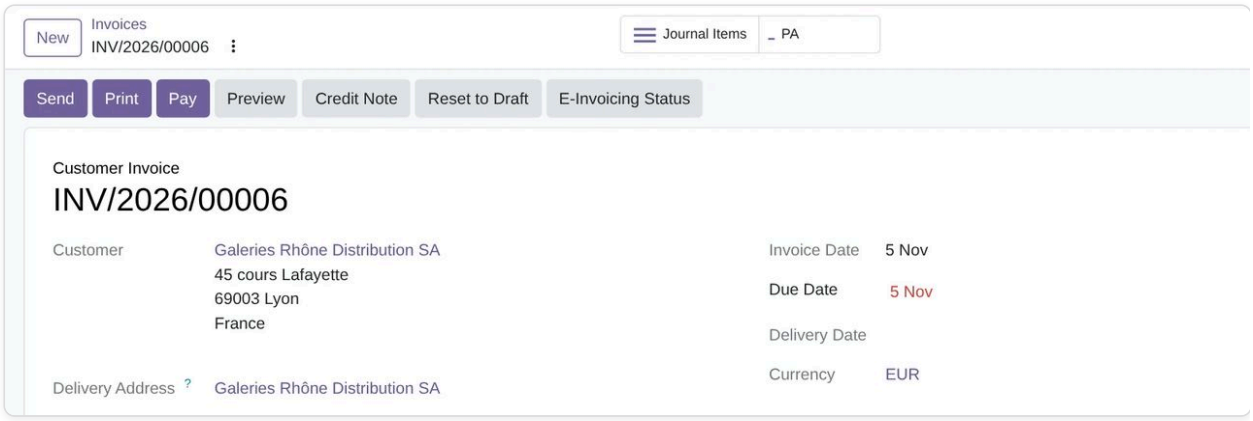
Life-cycle statuses are communicated by the PA. The module retrieves them with the scheduled task **[France PA] Synchronise flows with the PA**, which runs every 15 minutes and is enabled by default, or immediately via the webhook. The ones you send come from the **E-Invoicing Status** button, which opens a dialogue.

PA	Button at the top right of the invoice. Shows the latest life-cycle status and opens the invoice's flows.
PA Life-Cycle Status	Column in the invoice list with the latest life-cycle status.
E-Invoicing Status	Opens the dialogue to send a life-cycle status. Hidden if the invoice is not posted or if it has not yet gone through the PA.
Send to PA	Deposits the customer invoice with the PA. Hidden if the invoice is not posted, if it is not a customer invoice, or if the PA already has it pending or accepted.

Sending a status

1 Open the posted invoice

Click **E-Invoicing Status**. If it does not appear, the invoice is not posted or has not yet gone through the PA.



- **Real Odoo 20 screenshot.** Posted customer invoice from Galeries Rhône Distribution SA, with its buttons in the header.

2 Fill in the dialogue

The **Send a life-cycle status** dialogue opens, with the invoice in **Move**, the **Role** and the **Status**. Depending on the status, **Reason** and **Comment** appear, which are mandatory for 208 and 210, or, for 212, **Amount Collected (incl. VAT)**.



- **Real Odoo 20 screenshot.** The invoice life-cycle status dialogue, with the role and the status.

3 Click Send to PA

The module checks the message against its XSD and deposits it with your PA as a life-cycle message (CDAR). **Cancel** closes the dialogue without sending anything.

> Life-cycle events that are stored form part of the audit trail: they cannot be modified or deleted.

What each event records

Each status that arrives from the PA or that you send from Odoo is stored as a life-cycle event of the invoice. Events are visible in the **Life Cycle** tab of the invoice's flow, which the **PA** button opens; the latest status also appears in the **PA Life-Cycle Status** column of the invoice list.

The data of each event

Each event stores the status code, the date and time (read-only), the origin, the reason code and text when the status carries one, and the life-cycle message (CDAR) that carried that status. The origin is **Received from the PA** if the PA communicated it and **Sent from Odoo** if you sent it. All appear as columns in the flow's **Life Cycle** tab.

Dialogue rules

- The **Role** is calculated: **Seller** on a customer invoice and **Buyer** on a vendor bill.
- It only lets you send statuses for your role: as seller, 209 and 212; as buyer, 204 to 208, 210 and 211. If you choose another, it warns you and sends nothing.
- **Reason** appears with 207, 208 and 210, and **Comment** with 206, 207, 208 and 210. For 208 and 210 both are mandatory.
- With status 212, **Amount Collected (incl. VAT)** appears, with the amount already collected on the invoice. The amount is split by VAT rate in proportion to the invoice totals including VAT.
- The PA's registration number on the connection and the SIREN of your company and of the customer or supplier are required. If anything is missing, the dialogue says so.
- **Cancel** closes the dialogue without sending anything.

What Odoo does not allow

An event that has already been stored cannot be modified or deleted. If you try, Odoo gives an access error: "Life-cycle events are part of the audit trail and cannot be modified." or "Life-cycle events are part of the audit trail and cannot be deleted."

Example

Invoice INV/2026/00006, from Galeries Rhône Distribution SA, is posted. In its header you see **E-Invoicing Status**. You click it and the dialogue brings up the invoice and the **Role Seller**. You choose the status in **Status**, click **Send to PA** and the message goes to the PA. Afterwards, in **Invoicing › E-Invoicing (PA) › PA Flows**, a flow of type **Customer invoice life cycle** appears under **CDAR**.

CONNECTOR GUIDE · FACTUR-X & PA FRANCE

10 Life-cycle statuses, one by one

The DGFiP external specifications (version 3.2) number the statuses of an invoice from 200 to 213. They mark 200 (Déposée), 210 (Refusée) and 213 (Rejetée) as mandatory, and 212 (Encaissée) under the conditions of article 290 A of the CGI. The rest are optional.

STATUS	WHO SETS IT	FROM ODOO
200 Déposée	The platform	No: it arrives from your PA
201 Émise par la plateforme	The platform	No: it arrives from your PA
202 Reçue par la plateforme	The platform	No: it arrives from your PA
203 Mise à disposition	The platform	No: it arrives from your PA

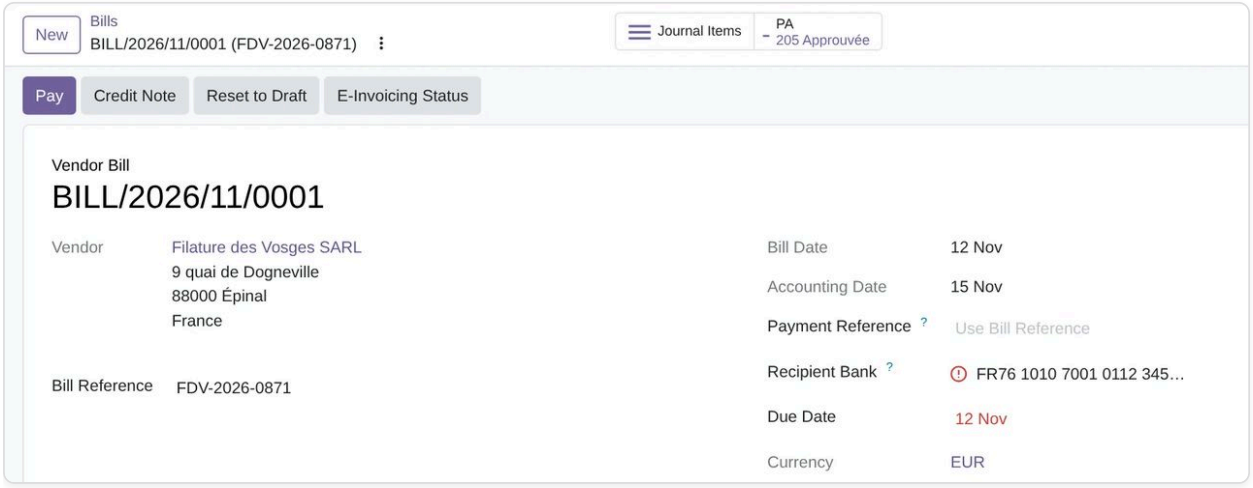
STATUS	WHO SETS IT	FROM ODOO
204 Prise en charge	The buyer	Yes, on a supplier invoice
205 Approuvée	The buyer	Yes, on a supplier invoice
206 Approuvée partiellement	The buyer	Yes, with a comment if you wish
207 En litige	The buyer	Yes, with a reason and a comment if you wish
208 Suspendue	The buyer	Yes, with a reason and a comment required
209 Complétée	The seller	Yes, on a customer invoice
210 Refusée	The buyer	Yes, with a reason and a comment required
211 Paiement transmis	The buyer	Yes, on a supplier invoice
212 Encaissée	The seller	Yes, with the amount collected
213 Rejetée	The platform	No: it arrives from your PA

When you send the 210 or the 212, the message also names the PPF among its recipients. The module deposits it with your PA, like all the others: it does not communicate with the PPF.

E-reporting has its own statuses, which are the PPF's response relayed through your PA: 300 (Déposée), 301 (Rejetée), 500 (Recevable) and 501 (Irrecevable). The module records them on the Odoo e-reporting, not on the invoice.

The rejection reasons for the 207, the 208 and the 210 are the 40 on the official list, and the dialogue shows them with their text in French.

11 Supplier invoices received by the PA

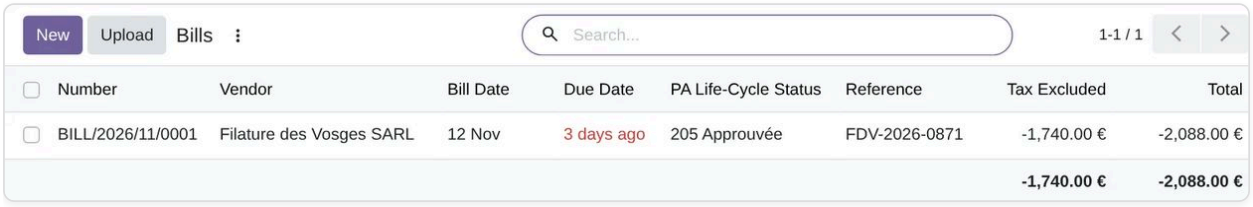


- **Real Odoo 20 screenshot.** Supplier invoice BILL/2026/11/0001, created from an invoice received by the PA.

The scheduled task **[France PA] Synchronise flows with the PA** runs every 15 minutes and fetches whatever the PA holds for you; with the webhook, it arrives immediately. Each supplier invoice is stored as a received flow. Odoo reads it with its own UBL, CII and Factur-X importer and creates a draft supplier invoice in the company's first purchase journal.

Where to see them

Received flows are under **Invoicing › E-Invoicing (PA) › PA Flows**. There you can filter by **Received**. In the supplier invoice list, the **PA Life-Cycle Status** column shows the life-cycle status of each invoice.



- **Real Odoo 20 screenshot.** Supplier invoice list with the PA Life-Cycle Status column.

Invoice buttons

E-Invoicing Status	Opens the wizard to send a life-cycle status (CDAR) on the invoice. It is hidden while the invoice is in draft.
Send to PA	Deposits the invoice with the PA. It only appears on customer invoices and credit notes, so it does not show on a supplier invoice.

Flow statuses

A received flow sits at **Accepted by the PA**: the module does not download the ones the PA marks with an error.

> Supplier invoices come in as drafts and you register them when you review them, unless in Odoo you have asked for that supplier's invoices to be registered automatically. If the company has no purchase journal, the flow is stored but the invoice is not created, and the reason is recorded in the flow's history.

What Odoo stores for each received invoice

Each invoice that arrives from the PA leaves a record in **PA Flows**. Its **Direction** is **Received** and its **Flow Type** is **Supplier invoice**. It also stores the **Flow Syntax** (for example **UBL**) and, in **Payload**, the original file with its name. The **PA Flow ID** and the **Tracking** identify the flow at the PA. The **Invoice** field links to the supplier invoice draft that was created.

Acknowledgement and life-cycle statuses

FIELD	VALUE	WHAT IT MEANS
PA Acknowledgement	**Accepted by the PA**	A received flow arrives this way: the module does not download the ones the PA marks with an error.
Life-Cycle Status	As reported by the PA	The latest life-cycle status of the invoice. It is repeated in the **PA** button on the invoice and in the **PA Life-Cycle Status** column. The full history is on the **Life Cycle** tab.

Rules and conditions

- A supplier invoice has no **Send to PA**: that button only appears on registered customer invoices and credit notes.
- **E-Invoicing Status** only appears on a registered invoice. It does not show on a draft.

- **Refresh From PA** only appears on sent flows that have a **PA Flow ID**. It is not shown on a received flow.

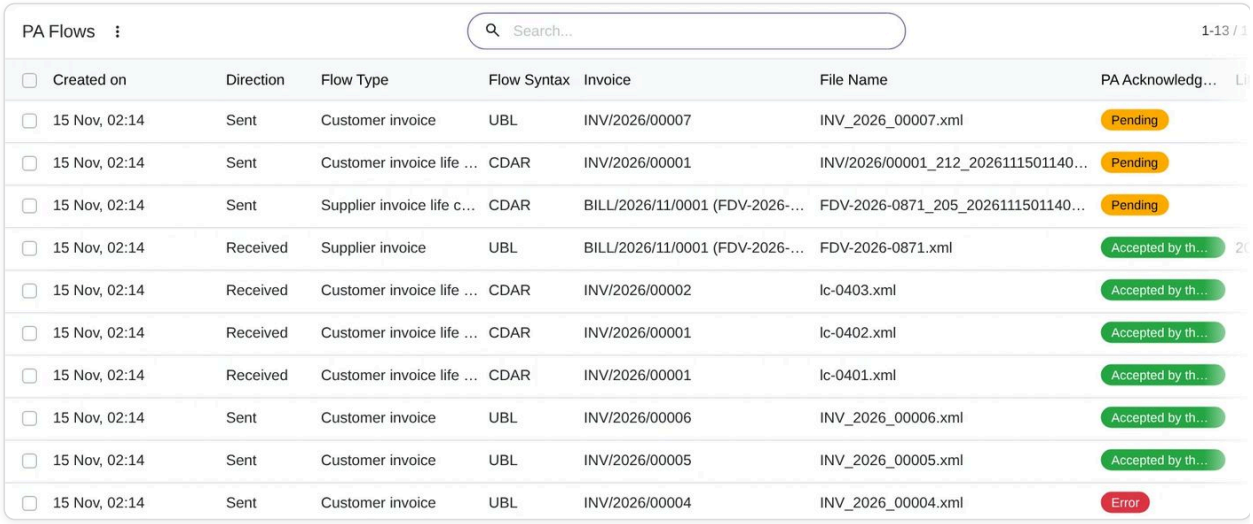
Searching and reviewing

The **PA Flows** list offers the filters **Sent**, **Received**, **Errors** and **Pending**, and you can group or filter by **Flow Type** and **Life-Cycle Status**. For received ones, use **Received**. To see the ones that failed, use **Errors**.

End-to-end example

1 **The invoice arrives**

The PA holds an invoice from Filature des Vosges SARL. The task that runs every 15 minutes downloads it and it is stored as a received flow of type **Supplier invoice**, with the file FDV-2026-0871.xml.



- **Real Odoo 20 screenshot.** PA Flows list with the received flow for invoice FDV-2026-0871.

2 **The draft is created**

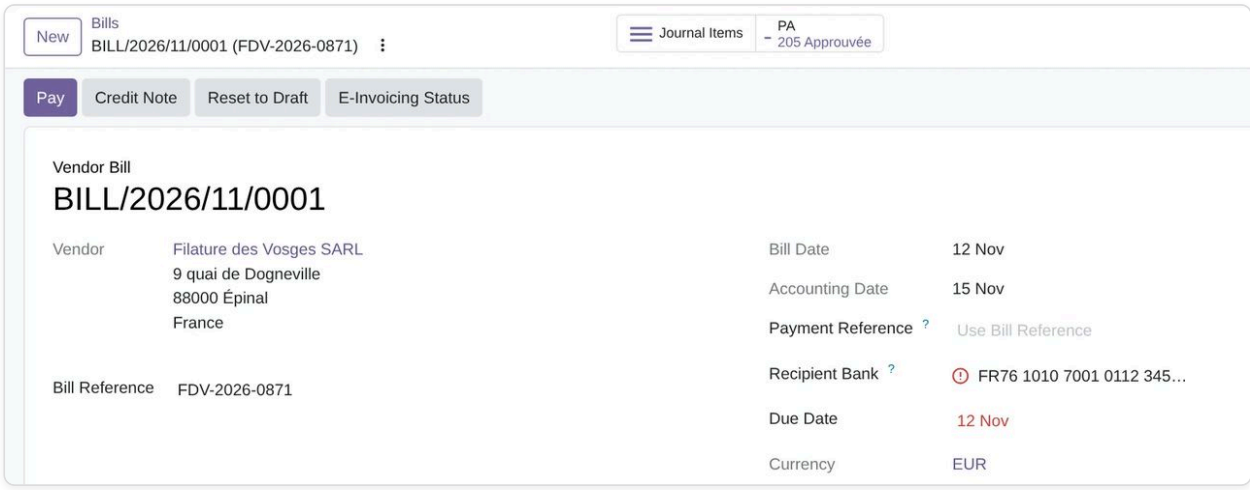
Odoo creates a supplier invoice draft from Filature des Vosges SARL, with reference FDV-2026-0871 and invoice date 12 Nov.

3 **You review and register it**

You check the lines, for example Fil de lin écru, 1 kg reels, 120 units at 14.50, and register the invoice. It takes the number BILL/2026/11/0001 and its total is €2,088.00.

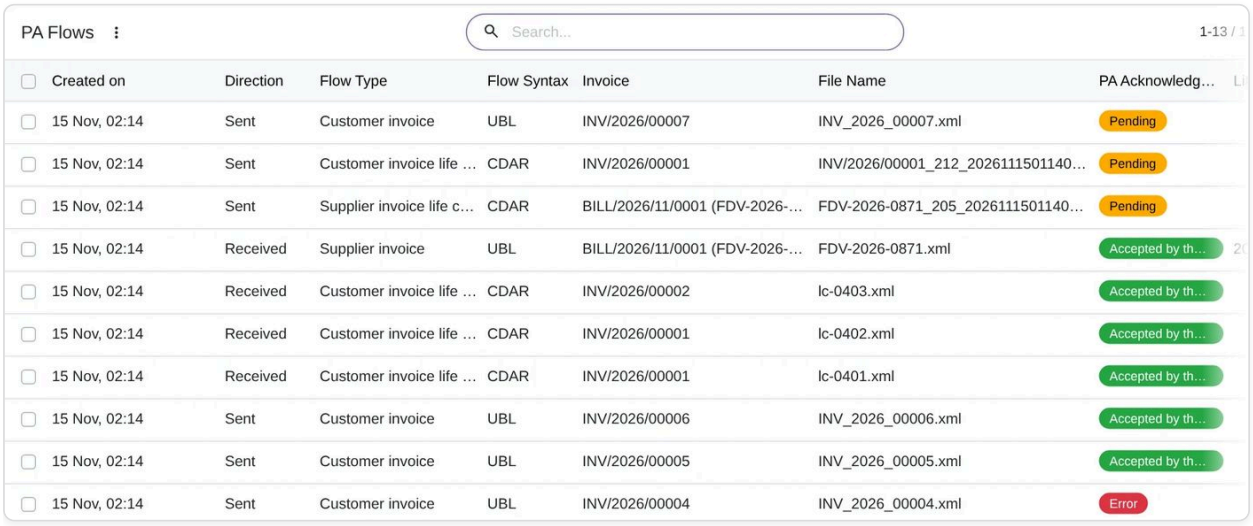
4 **You send a status to the supplier**

With the invoice registered, click **E-Invoicing Status**. The dialog shows the **Role Buyer**; choose **205 Approuvée** in **Status** and click **Send to PA**. The status goes to the PA as a life cycle message (CDAR), and in **PA Flows** a **Supplier invoice life cycle** flow appears, which stays **Pending** until the PA replies.



- **Real Odoo 20 screenshot.** Invoice BILL/2026/11/0001 (FDV-2026-0871), registered, with **205 Approuvée** on the **PA** button.

12 E-reporting: transactions and payments



- **Real Odoo 20 screenshot.** The list of PA flows, with the sent and received items and their status.

Odoo's French e-invoicing module (`l10n_fr_pdp`) builds the e-reporting, with the transactions and the payments, from the invoices and the collections. If the main connection has **Send E-Reporting Through This PA** ticked, each transmission that Odoo sends is deposited with your PA instead of with the Odoo platform, with your PA's registration number as sender. You see it in **Invoicing › E-Invoicing (PA) › PA Flows**, with the **FRR** syntax and, in **E-Reporting Flow**, the Odoo e-reporting it comes from.

Pending flows are synchronised with the PA by the scheduled task **[France PA] Synchronise flows with the PA**, which runs every 15 minutes and is enabled by default.

Refresh From PA	Asks the PA again for its response to that flow. It only appears on sent flows that already have a **PA Flow ID**.
E-Reporting Flow	The Odoo e-reporting the flow comes from. Odoo records there what the PA replies and, afterwards, the PPF's response.

The PA's acknowledgement of each flow can be **Pending**, **Accepted by the PA** or **Error**. The **Errors** and **Pending** filters in the list help you find the ones that did not go through or are still without a response.

> The module is not a PA and does not send anything to the PPF: it deposits the e-reporting with the PA you have contracted. The e-reporting is built by Odoo, not by the module.

Without the 4-digit registration number on the connection, Odoo does not prepare the transmission: "Set the 4-digit matricule of ... on the PA connection: it identifies the sender of the e-reporting transmission."

Which e-reporting flows are sent

The flow type is set by the PA's response. In e-reporting it can be one of these:

VALUE	WHAT IT IS
Aggregated B2C transactions (FRR 10.3)	Aggregated transactions for sales to individuals.
Unitary transactions (FRR 10.1)	Individual transactions.
Aggregated B2C payments (FRR 10.4)	Aggregated payments for sales to individuals.
Unitary payments (FRR 10.2)	Individual payments.
International B2B purchases (FRR 10.1)	International purchases between businesses.
Multi-flow e-reporting (FRR 10)	A submission that brings together several flows.

PA acknowledgement statuses

Pending	The flow has been deposited and the PA has not yet responded.
Accepted by the PA	The PA has accepted the flow.
Error	The PA has responded with an error. The detail is kept on the flow itself, in **Acknowledgement Details**.

Rules and conditions

- The sender header carries your PA's registration number: scheme 0238, 4-character registration number and role WK.
- Without the registration number on the connection, Odoo does not prepare the transmission and says so.
- Sending e-reporting through your PA is only enabled on the company's main connection.

Record fields and tabs

PA Connection	The connection through which the flow is sent.
Direction	**Sent** or **Received**.
E-Reporting Flow	The Odoo e-reporting to which the flow corresponds.
Flow Syntax	The file format. E-reporting uses **FRR**.

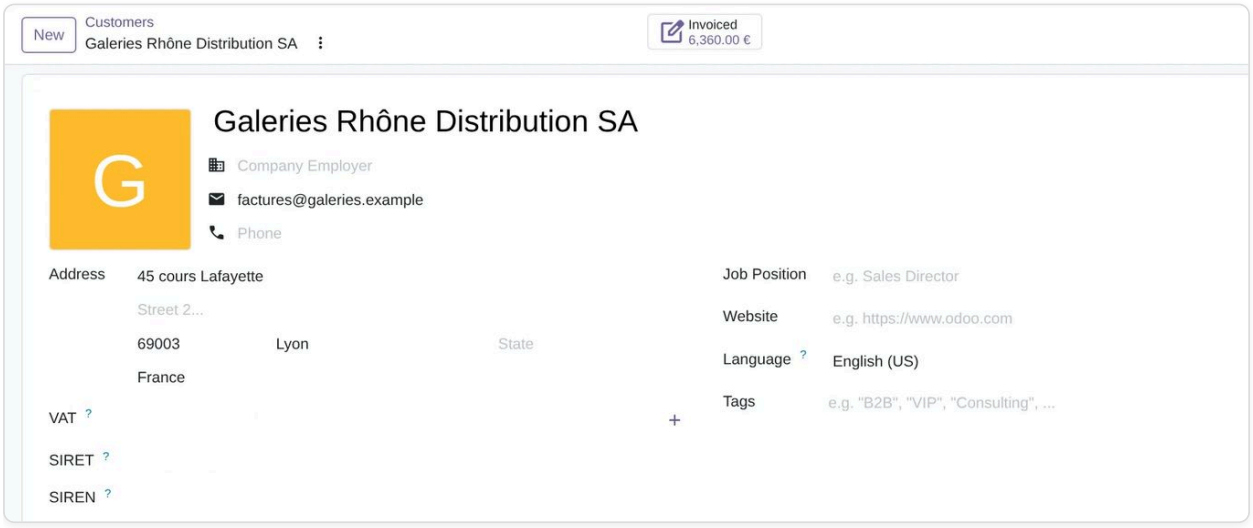
Processing Rule	Whichever the PA states, for example **B2C e-reporting** or **International B2B e-reporting**.
Payload and **SHA-256**	The file sent, with its name, and its fingerprint.
Submitted At	Date and time of the submission.
PA Acknowledgement and **Acknowledgement Details**	The PA's response to the deposit.

An end-to-end example

When Odoo sends an e-reporting transmission, the module deposits it with your PA and it appears in **Invoicing › E-Invoicing (PA) › PA Flows** with the **FRR** syntax and **PA Acknowledgement** set to **Pending**. The task that runs every 15 minutes fetches the PA's response; to request it earlier, open the flow and click **Refresh From PA**. If it shows **Error**, the reason is in **Acknowledgement Details** and Odoo marks your e-reporting with an error. Afterwards the PPF's response arrives through the PA, with 300 (Déposée), 301 (Rejetée), 500 (Recevable) or 501 (Irrecevable), and Odoo records it in the history of your e-reporting.

CONNECTOR GUIDE · FACTUR-X & PA FRANCE

13 National directory and INSEE Sirene data



- **Real Odoo 20 screenshot.** A customer's record, with the fields **Tax ID**, **SIRET** and **SIREN**.

Customer data arrives by two routes. The national directory is queried with a button on the record, and the query goes through your PA. Sirene is queried with another button and with your own INSEE Sirene API key, which you enter under **INSEE Sirene** in the Invoicing settings. The module caches each response for a while so it does not repeat the same question.

A scheduled task runs every week, is enabled, and removes from that cache the entries older than 7 days.

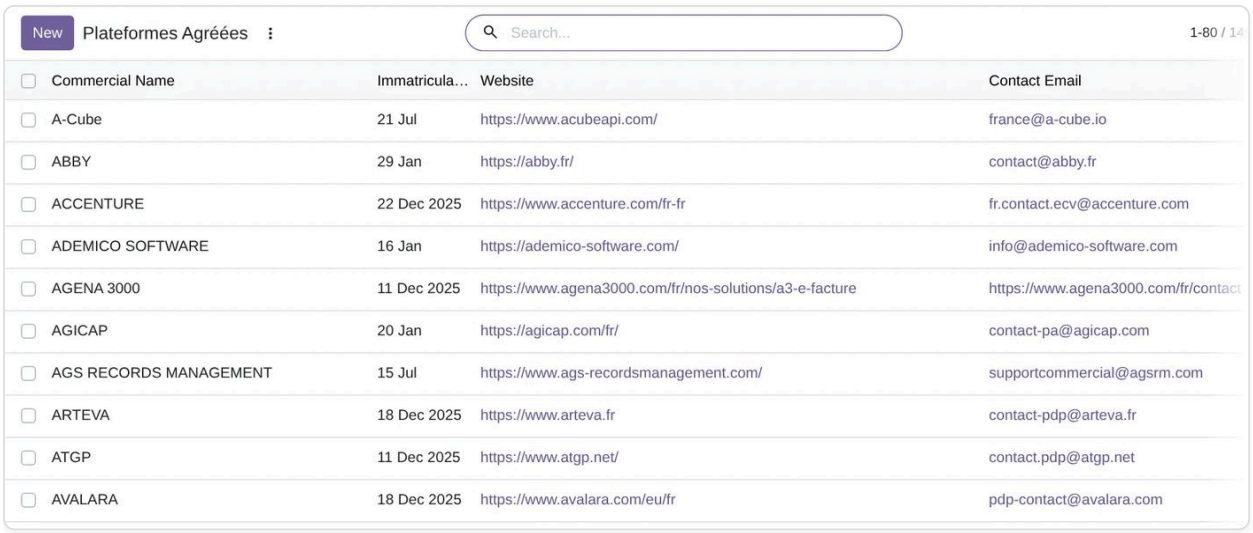
The buttons and fields on the record

French e-invoicing	Group on the **Invoicing** tab of the contact record, containing everything in this section.
Look up in the national directory	Looks up the customer in the national directory by its SIREN, through your PA and with the main connection.

Complete from Sirene	Searches Sirene for the SIRET or SIREN held in the **SIRET** field, and completes the SIRET and, if the street is empty, the address.
Public Entity (B2G)	Checkbox that marks a French public entity. Its invoices are deposited with the B2G processing rule and the PA routes them to Chorus Pro. It is filled in from the national directory.
E-Invoicing Address	The customer's routing identifier in the national directory.
Directory Status	Status of the last directory lookup. It is read-only.

The Plateformes Agréées

Invoicing › Configuration › Plateformes Agréées opens the official DGFiP list shipped with the module, the one dated 22 September 2026, showing the **Commercial Name**, **Immatriculation Date**, **Website** and **Contact Email** of each platform. Archived records are shown with the **Archived** filter.



- **Real Odoo 20 screenshot.** The Plateformes Agréées list, showing commercial name, registration date, website and contact email.

1 Open the customer record

Open the customer record and its **Invoicing** tab.

2 Click one of the two buttons

Look up in the national directory queries the directory. **Complete from Sirene** completes the data from INSEE.

3 Check the result

Look at **Directory Status**, **E-Invoicing Address** and **Public Entity (B2G)** in the **French e-invoicing** group.

> The Sirene cache keeps each query for 24 hours and has no screen of its own: you cannot view or edit it from Odoo. The directory lookup uses the main connection and needs its **Directory Service URL**; without it, Odoo warns: "The primary PA connection has no Directory Service URL."

What data each query uses

For Sirene, the customer's **SIRET** field must contain a 14-digit SIRET or a 9-digit SIREN; otherwise Odoo asks for one. From what Sirene returns, the module sets the SIRET and, if the street is empty, the address. The company name appears in a notice, which is a warning if the company is no longer active. If Sirene finds nothing, it warns you and changes nothing.

The Sirene cache and its deadlines

- Each query is stored and expires 24 hours after it was last made. Within that period, the same question is answered from the stored data.
- Each week, an enabled scheduled task deletes entries older than 7 days.
- The stored data are the SIRET, the SIREN, the company name, the address, whether it is active, and the date of the last query. None of it appears on any screen in the module, so you will not see or edit it.

What changes on the customer record

The directory lookup fills in **E-Invoicing Address** and **Directory Status**, which is read-only, and ticks or clears **Public Entity (B2G)** according to whether the directory states the customer is a public entity. With that box ticked, the customer's invoices are deposited with the B2G processing rule and the PA routes them to Chorus Pro. If the customer is not in the directory, **Directory Status** says "Not in the directory" and the address is cleared.

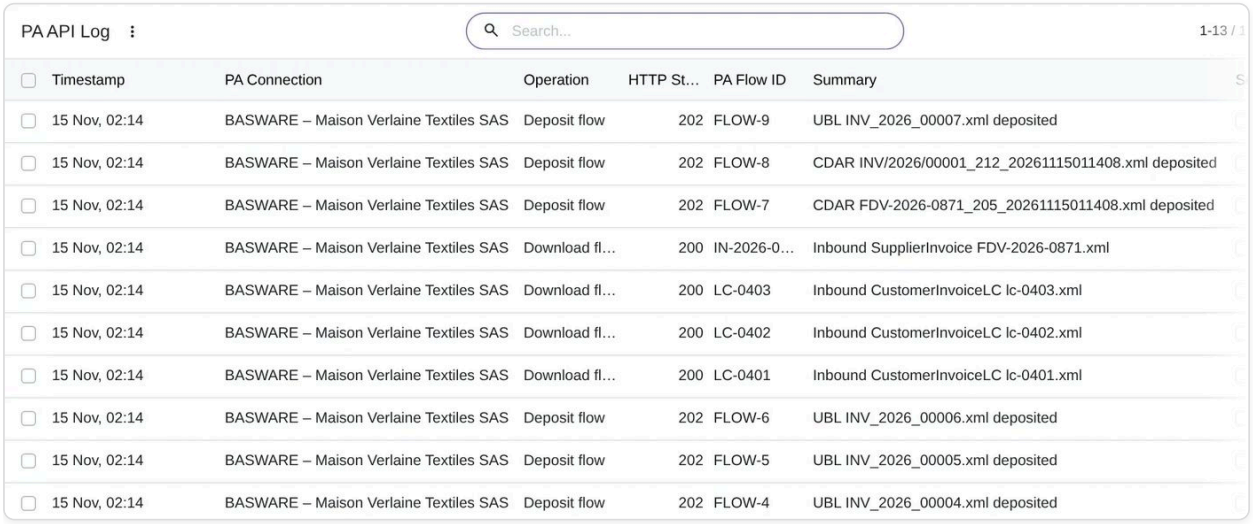
How it relates to your PA

The directory lookup goes through the main connection to your PA, the one you have under **Invoicing › Configuration › PA Connections**, and through its directory service: without a **Directory Service URL** there is nobody to ask. The **Invoicing › Configuration › Plateformes Agréées** list is separate: it serves to choose your PA on the connection and to see each platform's **Immatriculation Date**, as published in the official list.

An end-to-end example

You open the record for Galeries Rhône Distribution SA, a customer with €6,360.00 invoiced. You enter its SIRET in **SIRET** and click **Complete from Sirene**: the notice brings the company name and Odoo fills in what was missing. Then you click **Look up in the national directory** and check in the **French e-invoicing** group what **Directory Status** says and what its **E-Invoicing Address** is. If the directory marks it as a public entity, **Public Entity (B2G)** is ticked and its invoices go out as B2G; if not, they go out as B2B.

14 API log and evidence export



- **Real Odoo 20 screenshot.** List of the API log: each row is a call to the PA, with its operation, HTTP status and a summary. The PA is a sample one, in a demo with a simulator.

The log rows are created by the module when it talks to the PA. No button or task creates them on your behalf. They are viewed at **Invoicing › E-Invoicing (PA) › PA API Log**, a menu in the France E-Invoicing Manager group, as **Export Evidence**.

Each row shows **Timestamp**, **PA Connection**, **Operation**, **HTTP Status**, **PA Flow ID** and **Summary**. The possible operations are **Healthcheck**, **Deposit flow**, **Download flow**, **Search flows**, **Webhook** and **Directory lookup**. There is also a **Security Warning** checkbox and a **Payload SHA-256** of the call's content.



- **Real Odoo 20 screenshot.** **Export E-Invoicing Evidence** wizard to export the evidence for a period.

Export	Generates a ZIP file with the evidence for the period: the API log, the flows, the lifecycle events and the files exchanged with the PA.
Close	Closes the wizard without exporting.
Anonymise	Button in the **Anonymise the PA data** wizard, which is opened from the connection. Beforehand it states what will change and asks you to tick **I understand that this cannot be undone**. **Cancel** closes it without changing anything.

1. **Opens** Invoicing › E-Invoicing (PA) › Export Evidence
   The **Export E-Invoicing Evidence** wizard opens.

2. **Choose the period**

Fill in **From** and **To**. **From** defaults to the first day of the current month and **To** to today's date. With several companies, **Companies** defaults to the current one.

3 **Click** Export

The ZIP is available under **Download** to save it.

> Log entries cannot be modified or deleted. If you try, Odoo responds "PA log entries are immutable." when modifying and "PA log entries are part of the audit trail and cannot be deleted." when deleting. Anonymisation cannot be undone.

What each entry stores

Timestamp	Date and time of the call. Read-only.
PA Connection	The connection with the PA through which the call passed.
Operation	What was done: **Healthcheck**, **Deposit flow**, **Download flow**, **Search flows**, **Webhook** or **Directory lookup**.
HTTP Status	The PA's response code.
PA Flow ID	The flow's identifier at the PA.
Summary	Text describing what was done in the call.
Payload SHA-256	Fingerprint of the call's content.
Security Warning	Checkbox that marks the entry as a security warning.

Log rules

- An entry cannot be modified: Odoo responds "PA log entries are immutable."
- An entry cannot be deleted, because it forms part of the audit trail: Odoo responds "PA log entries are part of the audit trail and cannot be deleted."
- The **Export E-Invoicing Evidence** wizard asks for **From** and **To**, and **From** cannot be later than **To**.

What the evidence ZIP contains

The file gathers the e-invoicing evidence for the period in three CSV files, api_log.csv with the API log, flows.csv with the flows and lifecycle.csv with the lifecycle events, plus the files folder with the exact files exchanged with the PA. With several companies, **Companies** lets you choose which ones to export.

Anonymising the PA data

The **Anonymise the PA data** button on the connection, for administrators only, opens a wizard that first states what changes across the whole database: it deletes the Sirene copies (name and address of the companies looked up) and removes the directory status from each contact. Invoices and their files, statuses, e-reporting, PA acknowledgements and the log are kept, and so are the **Public Entity (B2G)** checkbox and the **E-Invoicing Address**, which route invoices. It cannot be undone: tick **I understand that this cannot be undone** and click **Anonymise**.

End-to-end example

Say you want to keep the evidence for November. Open **Invoicing › E-Invoicing (PA) › Export Evidence**, set **From** to the first day of the period and **To** to the last, and click **Export**. Download the ZIP from **Download**. Inside you will find the calls in the log, for example a **Deposit flow** or a **Download flow**, with their HTTP status and summary.

Related tasks

The calls that remain in the log come, among others, from the task **[France PA] Synchronise flows with the PA**, which runs every 15 minutes and is active.

15 The data that goes out and comes back

DATA	ADDRESS	WHEN
Customer invoices, in UBL, CII or Factur-X (the XML is built by Odoo)	From Odoo to your PA	With **Send to PA**, on a posted invoice
Lifecycle messages (CDAR) about an invoice	From Odoo to your PA	With **E-Invoicing Status**, from the window that sends it
E-reporting built by Odoo	From Odoo to your PA	When Odoo sends the transmission, if the primary connection has **Send E-Reporting Through This PA** ticked
Responses from the PA to what you send	From your PA to Odoo	Every 15 minutes, when you press **Synchronise Now** or, on a flow, with **Refresh From PA**
Vendor bills (they come in as drafts)	From your PA to Odoo	Every 15 minutes, when you press **Synchronise Now** or, with the webhook, immediately
Lifecycle statuses received	From your PA to Odoo	Every 15 minutes, when you press **Synchronise Now** or, with the webhook, immediately
Notices of new flows (webhook, if you register it)	From your PA to your Odoo address	Immediately
Queries to the national directory	Between Odoo and your PA	With **Look up in the national directory**, on the contact's record
Queries to Sirene	Between Odoo and the INSEE, with your key	With **Complete from Sirene**, on the contact's record

Your Odoo's calls to your PA go through FlexigoTech Cloud, which acts as a gateway. It stores your PA's secret encrypted, asks the PA for the OAuth2 token and forwards your invoices, statuses, e-reporting and directory queries to it. Without the subscription, the connector does not talk to your PA.

16 What runs by itself

TASK	FREQUENCY	WHAT IT DOES
[France PA] Synchronise flows with the PA	Every 15 minutes, active	Updates pending sends and fetches from the PA the new flows that have arrived. It skips connections without a FlexigoTech Cloud service.
[France PA] Purge Sirene cache	Every week, active	Deletes from the Sirene query cache the entries older than 7 days.

Frequencies are changed in **Settings › Technical › Automation › Scheduled Actions**, with developer mode enabled.

If you register the webhook, the task keeps running every 15 minutes: it fetches the PA's responses to what you send, which the notification does not carry, and picks up anything a notification did not deliver. If FlexigoTech Cloud has no service for the database, because the trial ended without a subscription, the task skips that connection until it is restored.

The task does not send invoices: each customer invoice goes out when you press **Send to PA**, and e-reporting goes out when Odoo sends it.

17 The PA options and how they arrive

OPTION	HOW IT ARRIVES	WHAT IT DOES
Primary Connection	Unticked	The company's invoices and e-reporting go out through this connection, and the directory is queried through it. There can only be one per company.
Invoice Syntax	**UBL 2.1 (CIUS FR)**	The format of the invoices you deposit. The other two options are **UN/CEFACT CII (EN 16931)** and **Factur-X (PDF/A-3)**.
Send E-Reporting Through This PA	Ticked	The e-reporting Odoo prepares goes to this PA instead of Odoo's platform. It only applies to the primary connection.
E-Reporting Start Date	Empty	The first day of your company's e-reporting obligation. It is required to save while the checkbox above is ticked.
E-Reporting Periodicity	The company's	How often e-reporting is transmitted, according to the VAT regime. It is the same setting as Odoo's e-reporting: if you change it here, it changes for the company.
Matricule	Empty	The 4 digits of your PA. Without it, neither statuses nor e-reporting go out.
Organization-Id	Empty	Only if your PA gives you access to another company's account: Odoo sends it in every call.

> Without a connection marked as **Primary Connection**, **Send to PA** sends nothing and Odoo says "Company … has no primary PA connection. Configure one in Accounting > Configuration > PA Connections." If you mark another one for the same company, it will not let you save it: "Company … already has a primary PA connection."

Invoices are deposited in the format of the primary connection. Lifecycle statuses always go as CDAR messages, and e-reporting goes in FRR, whichever format you choose.

The matricule is checked on save: it must be 4 digits ("The PA matricule must be exactly 4 digits."). Your PA assigns it; you do not choose it.

Which format to choose

Odoo builds all three. UBL comes from its French builder (CIUS FR) and CII from the EN 16931 one. Factur-X is Odoo's invoice PDF with that CII inside, as the factur-x.xml attachment, converted to PDF/A-3. If Odoo's XML is of the Extended-CTC-FR profile, the deposit indicates it. Choose the one your PA asks for: the module sends every invoice of the connection in that format.

When Odoo switches e-reporting on

Odoo only prepares e-reporting for companies registered on its own platform. If you use another PA, the module switches it on when the main connection is active, has **Send E-Reporting Through This PA** ticked and has **E-Reporting Start Date** set, and the company has France as its fiscal country and the euro as its currency. Odoo starts from the period that contains that date and the module delivers each transmission to your PA.

If you untick **Send E-Reporting Through This PA**, the module does not touch e-reporting: Odoo does what it would do without it.

Example

A company with a single PA creates its connection, ticks **Primary Connection** and leaves **Invoice Syntax** at **UBL 2.1 (CIUS FR)**, because that is what its PA asks for. It does not have to transmit e-reporting yet, so it unticks **Send E-Reporting Through This PA** and saves without a date. When the time comes, it ticks it again, sets **E-Reporting Start Date** and chooses its regime in **E-Reporting Periodicity**.

18 Security and personal data

- Your PA's client secret is not stored in Odoo. It is sent once to FlexigoTech Cloud when you save the connection and is kept there encrypted. In the form you only see the date and time it was saved.
- Consent is given by whoever creates the connection, by ticking **I agree that FlexigoTech Cloud keeps my PA client secret**. Without that checkbox the secret is not sent. Acceptance of the subscription is made by whoever activates FlexigoTech Cloud, who gives their email; it is recorded with the date and the version of the text accepted.
- The connector defines three user groups: User, Manager and Administrator, within France E-Invoicing. The **Send to PA** and **E-Invoicing Status** buttons on the invoice belong to the User group. The **Check FlexigoTech Cloud**, **Delete from FlexigoTech Cloud** and **Anonymise the PA data** buttons are only visible to the system administrator, as is the client secret field.
- FlexigoTech Cloud receives your company's name, the email of whoever accepts, and each request to your PA: invoices and e-reporting you send and receive, data about your customers and suppliers, amounts, lines and directory queries. They may include personal data about customers or employees. FlexigoTech Cloud forwards them to your PA without storing their content. Your customers, invoices and products are kept in your Odoo.
- The secret is deleted from FlexigoTech Cloud when you press **Delete from FlexigoTech Cloud**, when you delete the connection in Odoo, or when your subscription ends. If the database is a copy, or FlexigoTech Cloud has nothing for that connection, the deletion proceeds without error.
- **Anonymise the PA data** opens a wizard that first shows a preview of what will change, and the change cannot be undone.
- The key with which your PA signs its notices (webhook) is stored in your Odoo, encrypted with FLEXIGO_FERNET_KEY. A notice without a valid signature is discarded and is logged as a **Security Warning**.

Log and evidence

Every call to your PA is recorded in **PA API Log**: the time, the connection, the operation and the result. With the evidence export window you choose a period and get a ZIP with that log, the flows, the lifecycle events and the exact files exchanged with the PA.

PA API Log

Search...

1-13 / 13

Timestamp	PA Connection	Operation	HTTP St…	PA Flow ID	Summary
15 Nov, 02:14	BASWARE – Maison Verlaine Textiles SAS	Deposit flow	202	FLOW-9	UBL INV_2026_00007.xml deposited
15 Nov, 02:14	BASWARE – Maison Verlaine Textiles SAS	Deposit flow	202	FLOW-8	CDAR INV/2026/00001_212_20261115011408.xml deposited
15 Nov, 02:14	BASWARE – Maison Verlaine Textiles SAS	Deposit flow	202	FLOW-7	CDAR FDV-2026-0871_205_20261115011408.xml deposited
15 Nov, 02:14	BASWARE – Maison Verlaine Textiles SAS	Download fl…	200	IN-2026-0…	Inbound SupplierInvoice FDV-2026-0871.xml
15 Nov, 02:14	BASWARE – Maison Verlaine Textiles SAS	Download fl…	200	LC-0403	Inbound CustomerInvoiceLC lc-0403.xml
15 Nov, 02:14	BASWARE – Maison Verlaine Textiles SAS	Download fl…	200	LC-0402	Inbound CustomerInvoiceLC lc-0402.xml
15 Nov, 02:14	BASWARE – Maison Verlaine Textiles SAS	Download fl…	200	LC-0401	Inbound CustomerInvoiceLC lc-0401.xml
15 Nov, 02:14	BASWARE – Maison Verlaine Textiles SAS	Deposit flow	202	FLOW-6	UBL INV_2026_00006.xml deposited
15 Nov, 02:14	BASWARE – Maison Verlaine Textiles SAS	Deposit flow	202	FLOW-5	UBL INV_2026_00005.xml deposited
15 Nov, 02:14	BASWARE – Maison Verlaine Textiles SAS	Deposit flow	202	FLOW-4	UBL INV_2026_00004.xml deposited

- **Real Odoo 20 screenshot.** Log of calls to the PA: time, connection, operation and result. The PA is a sample one, in a demo with a simulator.

19 Several PAs and several companies

You can have several PA connections in Odoo. Each one stores its PA, its URLs and its credentials, and belongs to its company. One per company is marked as **Primary Connection**: the company's invoices and e-reporting go out through it, and the directory is queried through it. Odoo does not allow two marked in the same company. A new connection is always created through FlexigoTech Cloud.

Each connection takes up one of the accounts in your plan: up to 3 with Standard and up to 10 with Pro.

Each connection calls its PA with its own secret. A connection never uses another's secret, not even that of another company in the same database. If an old flow pointed to an invoice or e-reporting of another company, the connector does not use it.

To choose a PA, the Plateformes Agréées list brings the platforms from the official DGFiP list with their **Commercial Name**, their **Immatriculation Date**, their **Website** and their **Contact Email**.

New | Plateformes Agréées | Search... | 1-80 / 14

Commercial Name	Immatricula…	Website	Contact Email
A-Cube	21 Jul	https://www.acubeapi.com/	france@a-cube.io
ABBY	29 Jan	https://abby.fr/	contact@abby.fr
ACCENTURE	22 Dec 2025	https://www.accenture.com/fr-fr	fr.contact.ecv@accenture.com
ADEMICO SOFTWARE	16 Jan	https://ademico-software.com/	info@ademico-software.com
AGENA 3000	11 Dec 2025	https://www.agena3000.com/fr/nos-solutions/a3-e-facture	https://www.agena3000.com/fr/contact
AGICAP	20 Jan	https://agicap.com/fr/	contact-pa@agicap.com
AGS RECORDS MANAGEMENT	15 Jul	https://www.ags-recordsmanagement.com/	supportcommercial@agsrm.com
ARTEVA	18 Dec 2025	https://www.arteva.fr	contact-pdp@arteva.fr
ATGP	11 Dec 2025	https://www.atgp.net/	contact.pdp@atgp.net
AVALARA	18 Dec 2025	https://www.avalara.com/eu/fr	pdp-contact@avalara.com

- **Real Odoo 20 screenshot.** List of Plateformes Agréées, with commercial name, registration date, website and contact.

20 If something fails

The connector cannot reach your PA or the connection buttons do not respond	Check in **Settings** that FlexigoTech Cloud is connected and that the trial or subscription is still valid. Without them the connector does not talk to your PA.
A new connection does not save	Check that you have the client ID, the client secret and the OAuth2 token URL over https, that the service URLs are https without port, query or fragment, that you have ticked the consent checkbox so FlexigoTech Cloud stores your PA's secret and, if **Send E-Reporting Through This PA** is ticked, that you have set **E-Reporting Start Date**.
The credentials do not work	Re-enter the client secret on the connection and save. It is sent only once to FlexigoTech Cloud on save and does not stay in Odoo. With **Saved in FlexigoTech Cloud** you can see when it was saved. If you change the token URL, the Client ID or a service URL, Odoo asks for the secret again in the same save.
You cannot delete the connection or view its credentials	The client secret and deletion are for administrators only. When you delete the connection, its credential in FlexigoTech Cloud is deleted too.

You want to see what your PA replied	Open the **PA Flows** list, where you see the status of each send, or **PA API Log**, which stores the operation, the HTTP code and a summary of each call.
Invoice statuses are not arriving	The scheduled task **[France PA] Synchronise flows with the PA** fetches them every 15 minutes. To fetch them now, press **Synchronise Now** on the connection; with **Register Webhook**, your PA notifies you immediately.
Register Webhook gives an error	The FLEXIGO_FERNET_KEY environment variable is missing on the Odoo server. Without it, flows arrive with the 15-minute task.
Send to PA says the invoice is not for electronic invoicing	The customer is not a company established in France with a SIRET or SIREN on its record. Sales to individuals and international sales go through e-reporting.
Send to PA says the company has no primary connection	Tick **Primary Connection** on a connection belonging to that company.
E-Invoicing Status asks for the matricule or the SIREN	Enter your PA's 4-digit matricule in **Matricule**, and the SIRET or SIREN of your company and of the customer or supplier.
The warning when saving a new connection includes account_limit	Your plan already has all its connections in use: up to 3 with Standard and up to 10 with Pro. Delete the one you don't use from FlexigoTech Cloud with **Delete from FlexigoTech Cloud**, or move to the Pro plan.

If FlexigoTech Cloud rejects a call while the scheduled task is running, the connector does not mark anything as an error. It records the issue in the FlexigoTech Cloud health report; that connection waits for the next run and the others carry on.

Other notices you may see

Without a valid connection, the connector sends nothing to your PA	Check the connection under **Invoicing › Configuration › PA Connections** and the status of FlexigoTech Cloud under **Settings**.
Only an administrator can delete a connection	The deletion first checks the user's permissions. If you are not an administrator, ask one to do it.
The connection has no service on FlexigoTech Cloud	Deleting the connection goes ahead even if no credential is stored there.
FlexigoTech Cloud rejects a call during synchronisation	No error is raised. It is recorded in the health report; that connection waits for the next run and the others carry on.
A new connection always goes through FlexigoTech Cloud	The **Connection** field is read-only: every new connection is created through FlexigoTech Cloud.
The consent checkbox is missing	Without ticking it, your PA's secret is not sent to FlexigoTech Cloud and the new connection is not saved.

21 Other ways of doing this

OPTION	WHAT IT INVOLVES
Manually from your PA's portal	You log into your PA's portal and upload each invoice and status message from there. What happens on the platform is not recorded in Odoo.
Odoo alone	Odoo builds the XML for the customer invoice (UBL CIUS FR or CII EN 16931), and its French e-invoicing sends through Odoo's own platform. With another PA, Odoo does not send the invoices or the e-reporting for you.
This connector	You send invoices from Odoo to your PA, receive supplier invoices as drafts, and pull life-cycle statuses every 15 minutes, or immediately with the webhook. Every call to the PA goes through FlexigoTech Cloud, which acts as the gateway, and requires its subscription.

If you already use another tool with your PA, nothing is repeated on its account: each customer invoice is sent when you press **Send to PA** on it. On the first synchronisation, Odoo pulls the inbound flows your PA has available for you; if you had already handled any of those supplier invoices by hand, check the drafts before registering them.

22 Plans and pricing

€9

License per Odoo version.

+ FlexigoTech Cloud

STANDARD

€49/month

or €490 a year

- First response within 1 working day
- Up to 3 accounts

PRO

€98/month

or €980 a year

- First response within 4 working hours
- Up to 10 accounts
- 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 require a card. With Standard, up to 3 PA connections; with Pro, up to 10.

23 Frequently asked questions

Does it work without FlexigoTech Cloud?

No. Every call to your PA goes through FlexigoTech Cloud: without the trial or a subscription, the connector does not talk to your PA.

How much does the subscription cost?

The Standard plan costs €49 per month or €490 per year, and the Pro plan €98 per month or €980 per year, excluding VAT. On top of that, the module license costs €9 per Odoo version.

Is there a trial period?

Yes, 14 days with no card required. If you don't subscribe at the end, the service stops and nothing is charged.

Does it work on Odoo Online?

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

Which versions of Odoo are supported?

It is published for Odoo 17, 18, 19 and 20.

Does it need Odoo Enterprise?

No. It works on Community and Enterprise: its Odoo dependencies, `l10n_fr_pdp` and `account_edi_ubl_cii`, are Community modules.

How many PAs does each plan support?

Up to 3 connections with the Standard plan and up to 10 with the Pro plan. Each connection is one PA on one of your companies.

Is the connector a PA?

No. Odoo generates the invoice and the module sends it to the PA you already have contracted. It does not send anything to the PPF.

Do I need to have a PA contracted already?

Yes. The connector does not sign you up with any PA, nor does it obtain the XP Z12-013 API credentials for you. You sort that out with your PA before starting.

From when is electronic invoicing mandatory in France?

Receiving: from 1 September 2026, for all VAT-registered companies. Issuing: from that date for large companies and ETIs; from 1 September 2027 for SMEs and micro-enterprises. E-reporting follows the same timetable.

What is a plateforme agréée (PA)?

A private company approved by the French tax authority (formerly called PDP) that issues, transmits and receives its clients' electronic invoices and transmits their data to the tax authority. Each company chooses its own; the list is on impots.gouv.fr. The module is not a PA: it connects your Odoo with yours.

Can I send my invoices to the PPF without a PA?

No. France did not create a public portal for exchanging invoices: they go through the PAs. The public invoicing portal provides the directory and collects the data the PAs transmit to it.

Does Factur-X count as an electronic invoice in France?

Yes. The DGFiP's external specifications (version 3.2) list it among the base formats, alongside UBL and CII.

Which PAs does it work with?

With yours, provided it offers the AFNOR XP Z12-013 API and is on the DGFiP's official list: FlexigoTech Cloud only calls the domains of the PAs on that list. It was tested against a simulator of that API, not against a real PA.

Who builds the invoice XML?

Odoo builds it, in UBL (CIUS FR) or CII (EN 16931). For Factur-X, the module embeds that CII in the invoice PDF and sends it.

Does it validate the invoices before sending them?

No. If Odoo's builder raises warnings, the send stops. After that, the PA replies Ok or Error. It only validates against an XSD the life-cycle messages (CDAR) it sends.

Where is my PA's secret kept?

Not in Odoo. It is sent once to FlexigoTech Cloud, which keeps it encrypted.

Who can see the PA's secret?

Only an Odoo administrator can view and use the secret, and perform the deletion and anonymisation actions on a PA.

How often are invoice statuses pulled?

Every 15 minutes, with a scheduled task that is enabled by default, or immediately with **Synchronise Now** on the connection. With the webhook, they arrive as soon as your PA notifies.

Am I notified immediately when the PA changes a status?

Yes, if you register the webhook: with **Register Webhook**, your PA notifies Odoo of each new flow it has for you, such as a status update or a supplier invoice, and Odoo fetches it straight away. The environment variable FLEXIGO_FERNET_KEY must be set on the Odoo server, and your PA must be able to reach your Odoo's address. Without the webhook, status updates arrive every 15 minutes.

Do I need to change the Odoo server?

Only for the webhook, which is optional: the FLEXIGO_FERNET_KEY environment variable. Without it, flows arrive with the 15-minute task.

How do supplier invoices come in?

As drafts, in the company's first purchase journal, on each run of the 15-minute task or immediately with the webhook. You register them yourself after reviewing them.

Does it send invoices automatically?

No. You send them yourself with the **Send to PA** button on a posted customer invoice.

Can a life-cycle status be sent from Odoo?

Yes. The **E-Invoicing Status** button opens the **Send a life-cycle status** dialogue, and you send the status to the PA as a CDAR message.

And e-reporting?

Odoo builds it and the module deposits it with your PA. On the primary connection, **Send E-Reporting Through This PA** must be ticked and **E-Reporting Start Date** set.

What about invoices I had before installing it?

The module sends nothing on its own: each customer invoice goes out when you press **Send to PA**. On the first synchronisation it pulls the inbound flows your PA has available for you.

Can I connect several PAs or several companies?

Yes. Each connection stores its PA, its URLs and its credentials and belongs to its company. One per company is marked as **Primary Connection**: its invoices and e-reporting go out through it.

Can a connection use another connection's secret?

No. Each connection calls its PA with its own secret, not even that of another company in the same database.

What happens to my Odoo data?

Your customers, invoices and products are stored in your Odoo. FlexigoTech Cloud only passes the calls to your PA, and does not store their content.

Is there a record of what is sent to the PA?

Yes. Each call is logged in **PA API Log** and each send or receipt in **PA Flows**. **Export Evidence** produces a ZIP for a given period.

Can the log entries be deleted or edited?

No. Odoo does not allow them to be edited or deleted: they form part of the audit trail.

Does it query the national directory and Sirene?

Yes, from the customer record: **Look up in the national directory** goes through your PA, and **Complete from Sirene** fills in the details from INSEE, using your Sirene API key.

Is it available in my language?

The module's screens and menus are in English in every language.

How many scheduled tasks does it include?

Two, both active on installation: the one that synchronises flows with the PA and the one that purges the Sirene cache.

Has it been tested with a real PA?

No. It was tested against a simulator of the XP Z12-013 API. The screenshots use a sample PA in a simulator-based demo.

What support is included?

The Standard plan responds within 1 business day and the Pro plan within 4 business hours, with a video call if needed.

What happens if I stop paying the subscription?

The connector stops talking to your PA. Your PA's secret is deleted from FlexigoTech Cloud when the subscription ends.

24 Glossary

PA (Plateforme Agréée)	The e-invoicing platform you have contracted. The connector talks to it through its XP Z12-013 API.
XP Z12-013	The exchange API offered by your PA. The connector uses it to deposit invoices and download flows.
PPF	The public invoicing portal: it provides the directory and collects the data that PAs transmit to it. The connector sends nothing to the PPF.
FlexigoTech Cloud	The connector's online service. It acts as a gateway: it stores your PA's secret encrypted, requests the token from the PA and forwards the calls to it.
PA Connection	Each PA you register in Odoo. It stores its URLs, its matricule and its credentials, and you can find it under **Invoicing › Configuration › PA Connections**.
Primary Connection	The connection that carries the company's e-reporting when you enable sending through that PA.
Matricule	The 4-digit identifier of your PA. It is entered in the **Matricule** field of the connection.
Client secret	Your PA's secret key. It is not stored in Odoo: it is sent to FlexigoTech Cloud, which keeps it encrypted.
OAuth2	The system used to request an access token from the PA before each call. FlexigoTech Cloud manages it.
UBL (CIUS FR)	The XML invoice format that Odoo generates for France.
CII (EN 16931)	The other XML invoice format, which Odoo embeds in the PDF to make a Factur-X.
Factur-X	The invoice PDF with the CII embedded as a PDF/A-3 attachment.
CDAR	The format of life-cycle messages. It is the only thing the connector validates against an XSD.
Life cycle	The statuses an invoice goes through at the PA, from 200 to 213. They arrive with synchronisation, every 15 minutes, or with the webhook, and the latest one is shown on the **PA** button of the invoice and in the **PA Life-Cycle Status** column.
Flow	Each sending or receipt of a document with the PA. It is listed under **Invoicing › E-Invoicing (PA) › PA Flows**.
E-reporting	The sending of transaction and payment data that are not e-invoices. Odoo builds it and the connector deposits it with your PA.

B2G	Sales to a French public entity. The PA routes it to Chorus Pro.
National directory	The register where a customer's e-invoicing address is looked up. The query goes through your PA.
Sirene	The INSEE company register. It is used to complete a customer's details from their SIRET or SIREN.
Simulator	The test server for the XP Z12-013 API used to test the connector. It is not a real PA.
SIREN and SIRET	The company number (9 digits) and that of each establishment (14 digits) in the French register. Without them, no invoices or statuses are sent.
Webhook	The notification your PA sends to your Odoo when it has a new flow for you. It is registered with **Register Webhook** and requires the environment variable FLEXIGO_FERNET_KEY on the Odoo server.

25 Checklist and contact

- [ ] You have Odoo 17, 18, 19 or 20 on Odoo.sh or on your own server, not on Odoo Online.
- [ ] You have a contract with your PA with its XP Z12-013 API and its details: Flow Service and Directory Service URLs, Client ID, client secret, token URL and matricule.
- [ ] Your company and your French customers have a SIRET or SIREN in their record.
- [ ] An Odoo administrator installs the module, along with the French e-invoicing and UBL and CII format modules.
- [ ] You activate FlexigoTech Cloud and start the 14-day trial, with no card required.
- [ ] Under **Settings** the connection to FlexigoTech Cloud appears as connected.
- [ ] You create the PA under **Invoicing › Configuration › PA Connections**, with your platform, the matricule, the URLs and the credentials, and tick the consent to store the secret.
- [ ] You click **Test Connection** and **Health Status** is at **OK**.
- [ ] You tick **Primary Connection** and decide whether e-reporting goes through this PA: **Send E-Reporting Through This PA**, with its **E-Reporting Start Date**.
- [ ] You send a registered invoice with the **Send to PA** button and see it under **Invoicing › E-Invoicing (PA) › PA Flows**.
- [ ] You wait for the 15-minute synchronisation, or click **Synchronise Now**, and check that the status reaches the invoice.
- [ ] If you want instant notifications, you set FLEXIGO_FERNET_KEY on the Odoo server and click **Register Webhook**.

If you would like us to set it up with you, get in touch. With the Pro plan, if needed, we can go through it on a video call.

Email

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

On the web

The connector page, with the guide and the prices.
flexigotech.com/en/france-pdp.html

On Odoo Apps

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

FlexigoTech publishes this connector on its own, with no endorsement or sponsorship from any Plateforme Agréée or from the French administration. FlexigoTech is a brand of Flexibles y Accesorios Gobe, S.L. (Barcelona, Spain).