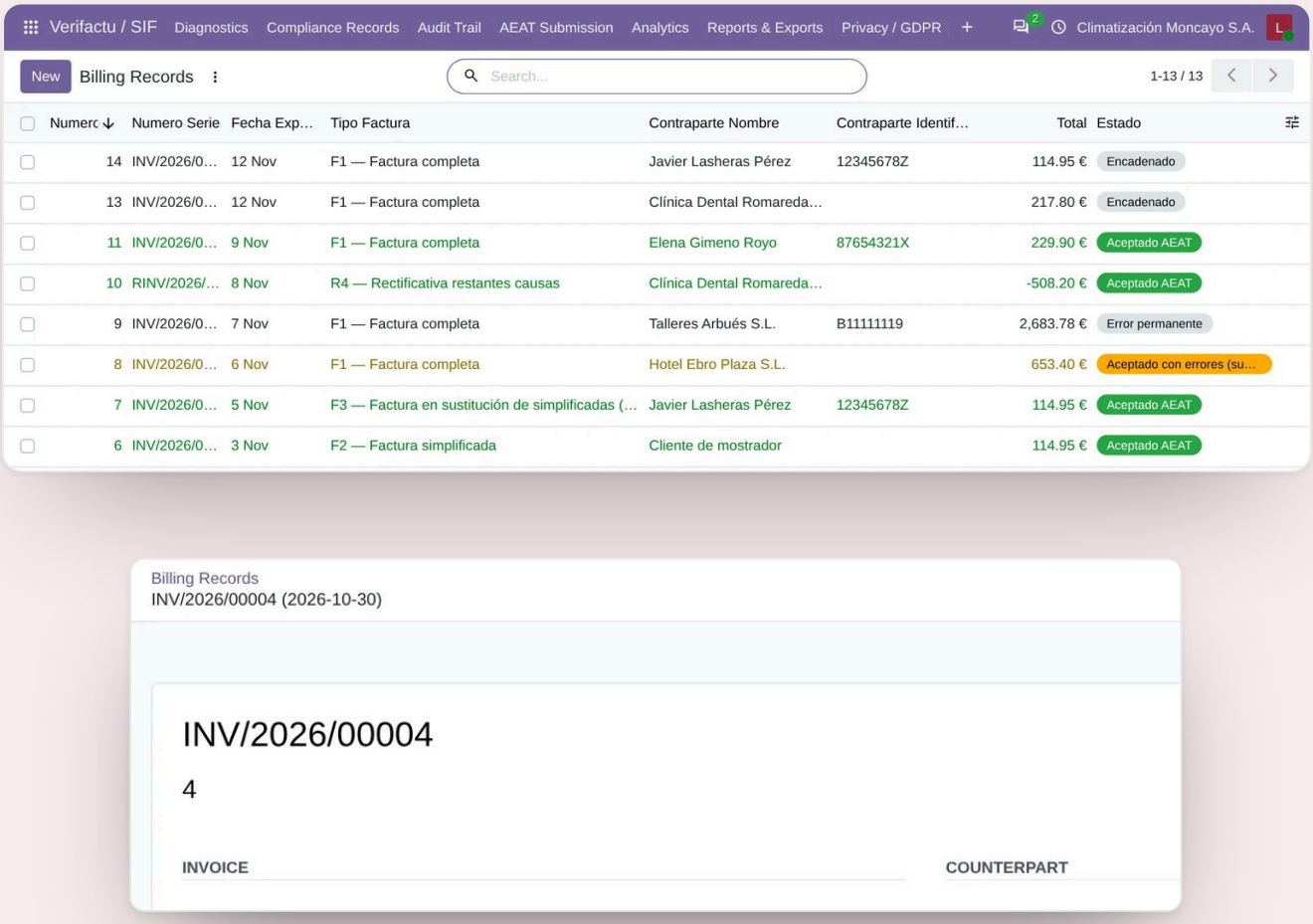
MODULE GUIDE · INVOICING AND TAX

VeriFactu for Odoo

Every invoice you post in Odoo is chained, carries its QR code and goes to the AEAT on its own, with your certificate.

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



Real Odoo 20 screenshot. The list of billing records and the detail of one of them, inside the Verifactu / SIF app.

Contents

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This guide describes version 20.0.1.4.4 of the module (Odoo branch 20.0, commit 1fdc980f7). Everything in it comes from its published code, the platform's official documentation or real screenshots.

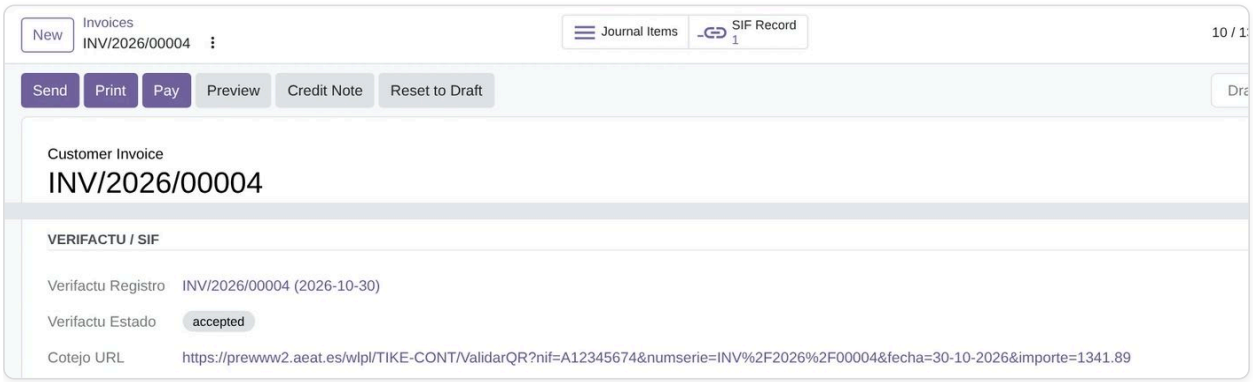
The screenshots come from a test Odoo 20 database, with a made-up company and data and no real connection to VERI*FACTU. The module also has a version for Odoo 17, 18 and 19.

1 Who it is for and what it solves

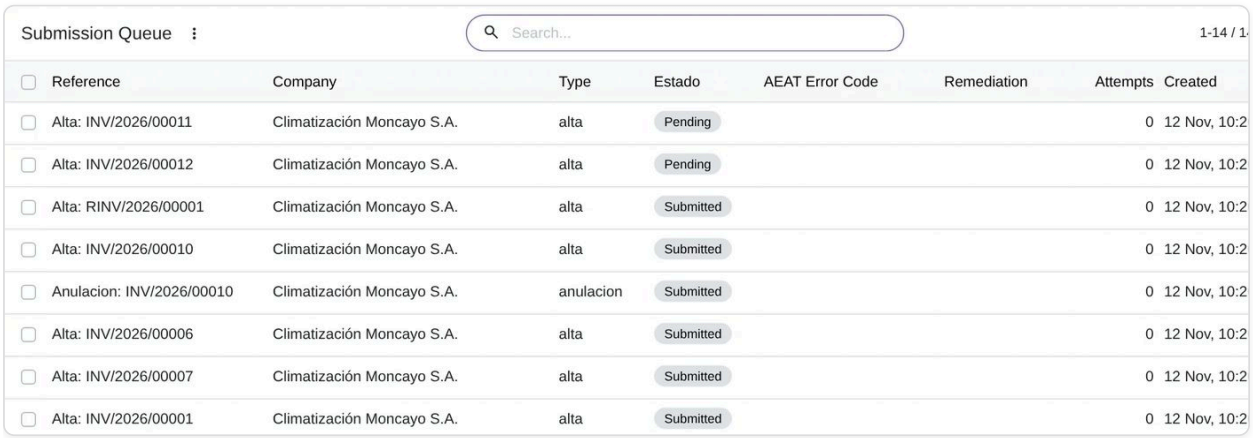
> VeriFactu is used with the FlexigoTech Cloud subscription, which starts with a 14-day trial with no card required. Your invoices and their records go from your Odoo to the AEAT with your certificate: they do not pass through our servers.

This module does within Odoo the work of VERI*FACTU for each invoice: the record chained to the previous one, the QR code and the submission to the AEAT. Whoever invoices keeps publishing the invoices as usual.

With the module, each customer invoice or credit note you post generates its registration record, which is chained to the company's earlier records. The QR code and the verification address are created, and the submission to the AEAT is queued. A scheduled task processes the queue every minute. If an invoice is cancelled, a cancellation record is added to the chain and its submission is queued too.



- **Real Odoo 20 screenshot.** A customer invoice in Odoo with the VeriFactu data.



- **Real Odoo 20 screenshot.** The queue of submissions to the AEAT.

What changes day to day

- Each customer invoice you post generates its registration record in the company's chain, with no separate steps.
- Invoices carry a QR code on the PDF.
- Submissions to the AEAT leave from a queue processed every minute, with retries when they fail.
- AEAT rejections are grouped by error code in the **Verifactu / SIF › AEAT Submission › AEAT Errors** inbox.
- The diagnostics panel and the **Verifactu / SIF › Asesoría Console › Compliance Cockpit** summarise the compliance status.

What it does not do

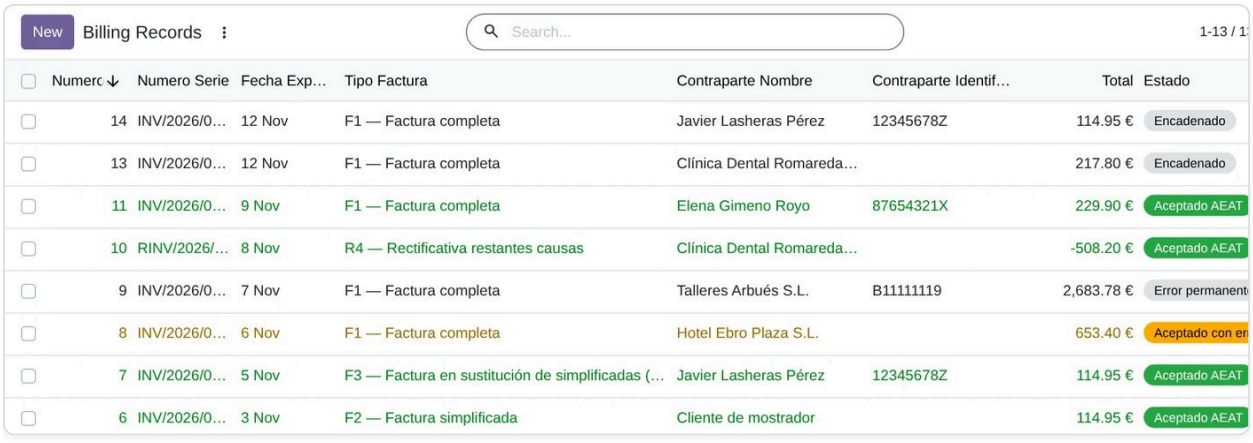
- Coexist with the VERI*FACTU that ships with Odoo (l10n_es_edi_verifactu, in Community since version 17): use one of the two in each company, because with both active the same invoice could reach the AEAT twice.
- Companies that use the SII and those in the foral territories (Basque Country and Navarre) are excluded from VERI*FACTU: the wizard does not let you activate it in those cases.
- Supplier invoices: it only records customer invoices and credit notes.
- Migrating your database to another version of Odoo or configuring the module for you: this is not part of the service, although we help you set it up.
- Third-party costs (Odoo, hosting, your electronic certificate) you contract and pay yourself.

2 The module in figures

7 scheduled tasks, all active on installation	**32** menus of its own within the module
20 data models of its own or extended	**328** fields in total
14 days of trial with no card required	**361** automated tests on Odoo 20

The module is published for Odoo 17, 18, 19 and 20, in Community and in Enterprise. It requires the base, account, account_edi, l10n_es, mail and flexigotech_cloud modules. It was tested against real responses from the AEAT test environment and its official schemas (XSD); a submission with a real certificate is still pending.

3 Where you see it in your Odoo



- **Real Odoo 20 screenshot.** List of billing records in the Verifactu / SIF app.

Verifactu / SIF › Diagnostics	Opens the compliance diagnostics panel.

Verifactu / SIF › Compliance Records	**Verifactu / SIF › Compliance Records › Billing Records**, **Verifactu / SIF › Compliance Records › Cancellation Records** and **Verifactu / SIF › Compliance Records › Chain State**.
Verifactu / SIF › Audit Trail	**Verifactu / SIF › Audit Trail › Event Log**.
Verifactu / SIF › AEAT Submission	**Verifactu / SIF › AEAT Submission › Submission Queue**, **Verifactu / SIF › AEAT Submission › AEAT Errors** and **Verifactu / SIF › AEAT Submission › AEAT Error Catalogue**.
Verifactu / SIF › Analytics	**Verifactu / SIF › Analytics › Submission Funnel**, **Verifactu / SIF › Analytics › Submission Trend** and **Verifactu / SIF › Analytics › Billing Records Analytics**.
Verifactu / SIF › Reports & Exports	**Verifactu / SIF › Reports & Exports › Export Wizard**, which opens the **Export Compliance Records** wizard.
Verifactu / SIF › Privacy / GDPR	**Verifactu / SIF › Privacy / GDPR › DSAR Wizard**.
Verifactu / SIF › Asesoría Console	**Verifactu / SIF › Asesoría Console › Compliance Cockpit**, **Verifactu / SIF › Asesoría Console › Billing Records (List)**, **Verifactu / SIF › Asesoría Console › Chain States (List)** and **Verifactu / SIF › Asesoría Console › Event Log**, with the data of all companies.
Verifactu / SIF › Configuration	**Verifactu / SIF › Configuration › Invoice Series**, **Verifactu / SIF › Configuration › Certificates**, **Verifactu / SIF › Configuration › Migration Runs**, **Verifactu / SIF › Configuration › Setup Wizard** and **Verifactu / SIF › Configuration › Import Historical Records**.

Outside its app, the module adds to the invoice the **SIF Record** and **SIF Cancel** buttons and, under **Other Info**, the verification link and the invoice type; to the company form, the **Verifactu / SIF** tab; and to the Odoo settings, its block with the submission, the environment and the deadline.

MODULE GUIDE · VERI*FACTU

4 What you need before you start

- Your company's electronic certificate, in .p12 or .pfx, with its password: this is what your Odoo uses to identify itself to the AEAT. Without an active and valid certificate, no submission goes out.
- The 14-day trial or the FlexigoTech Cloud subscription.
- Odoo 17, 18, 19 or 20 with Spanish accounting (l10n_es), on Odoo.sh or on your own server. Odoo Online does not work, because it does not allow installing third-party modules.
- The company's tax ID (NIF) on its record: the wizard proposes it and it goes into the fingerprint of each record.
- A person with administrator permissions in Odoo to install the module. On installation, administrators receive the **SIF Manager** group.

> The module does not decide for you whether your company has to use VERI*FACTU. Companies that use the SII are excluded, and companies in the foral territories (Basque Country and Navarre) have their own system: the wizard does not let you activate it in those cases. The BOE currently sets 1 January 2027 for those who pay Corporation Tax and 1 July 2027 for the rest. On 5 October 2026 the Spanish Ministry of Finance announced it plans to postpone this until October 2028; until it appears in the BOE, the 2027 dates apply. The module shows you your date and the days remaining.

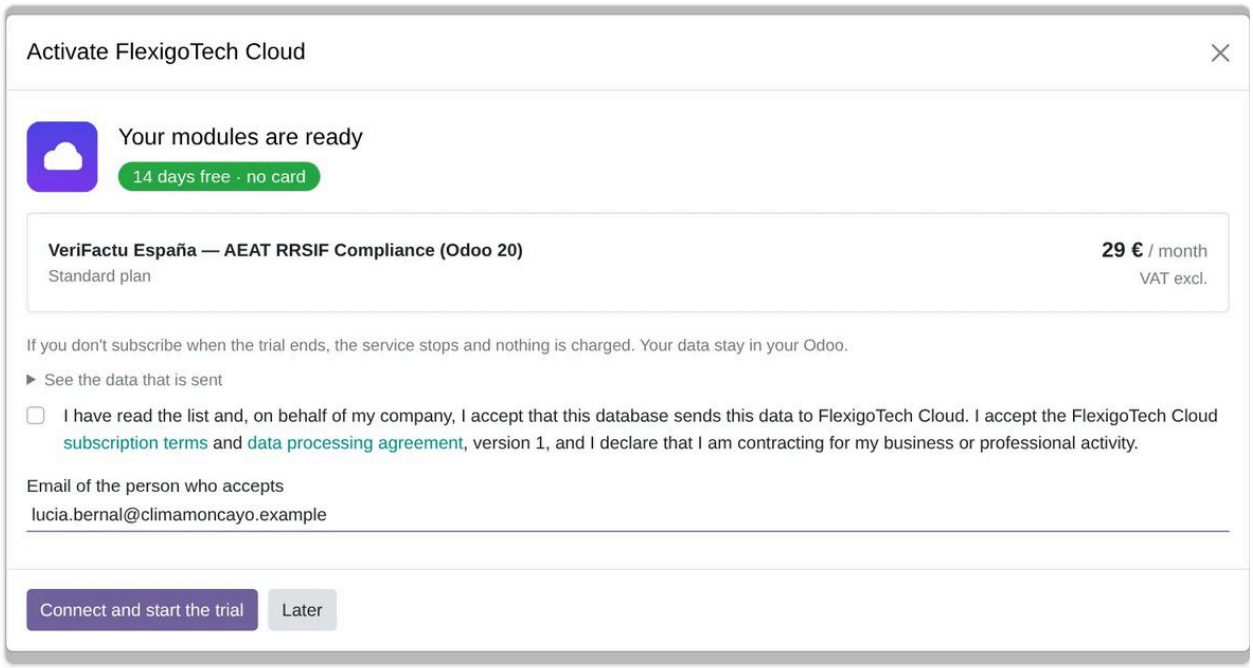
It is installed like any third-party Odoo module, on Odoo.sh or on your server. Odoo installs at the same time `flexigotech_cloud`, the connection to FlexigoTech Cloud, and the apps it depends on: Invoicing.

MODULE GUIDE · VERI*FACTU

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 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**

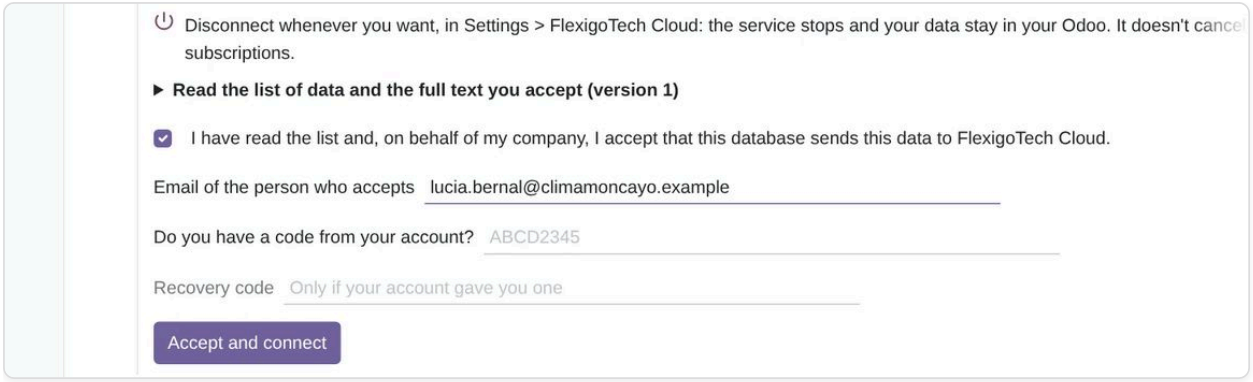
Tick «I have read the list and, on behalf of my company...» (it covers the subscription terms and the data processing agreement) and enter the **Email of the person who accepts**.

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.

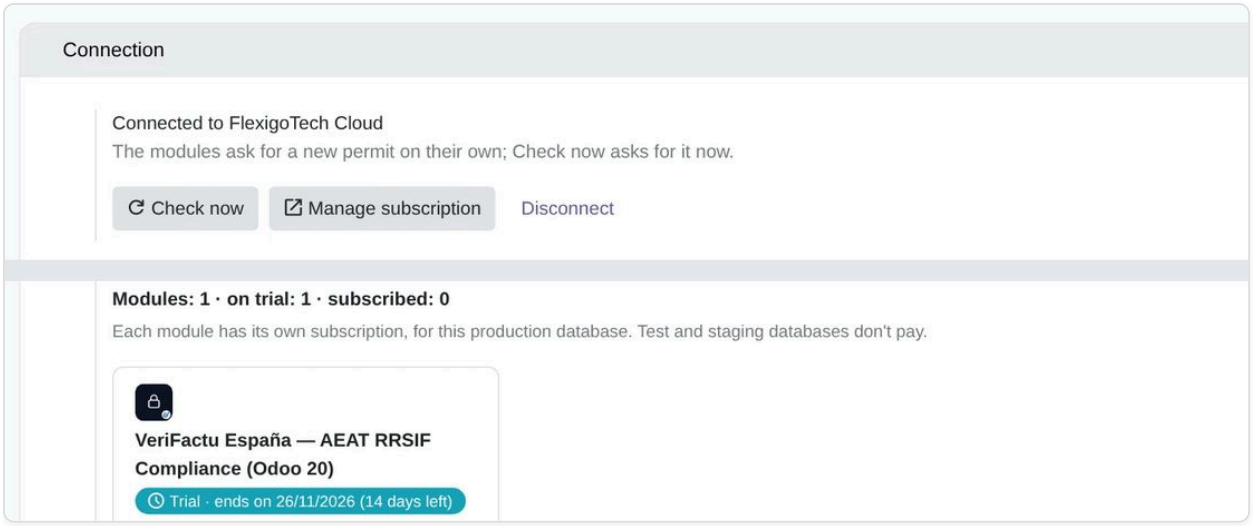
The same, from Settings

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: **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 module in trial.

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

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

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6 Connecting your chain step by step

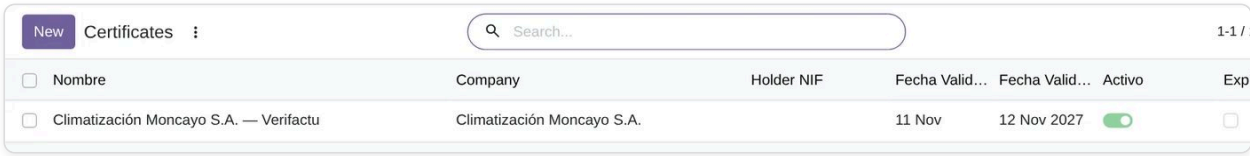
1. **Open the wizard**

   Go to **Verifactu / SIF › Configuration › Setup Wizard**. It asks for the NIF, the test environment, the SIF manager and the invoice series. Click **Configure** once you have the data.

2. **Upload the certificate**

   In **Verifactu / SIF › Configuration › Certificates**, **New** asks for a name, the .p12 or .pfx file and its password. When you save it, click **Activate**. The wizard does not ask for it in VERI*FACTU mode, but

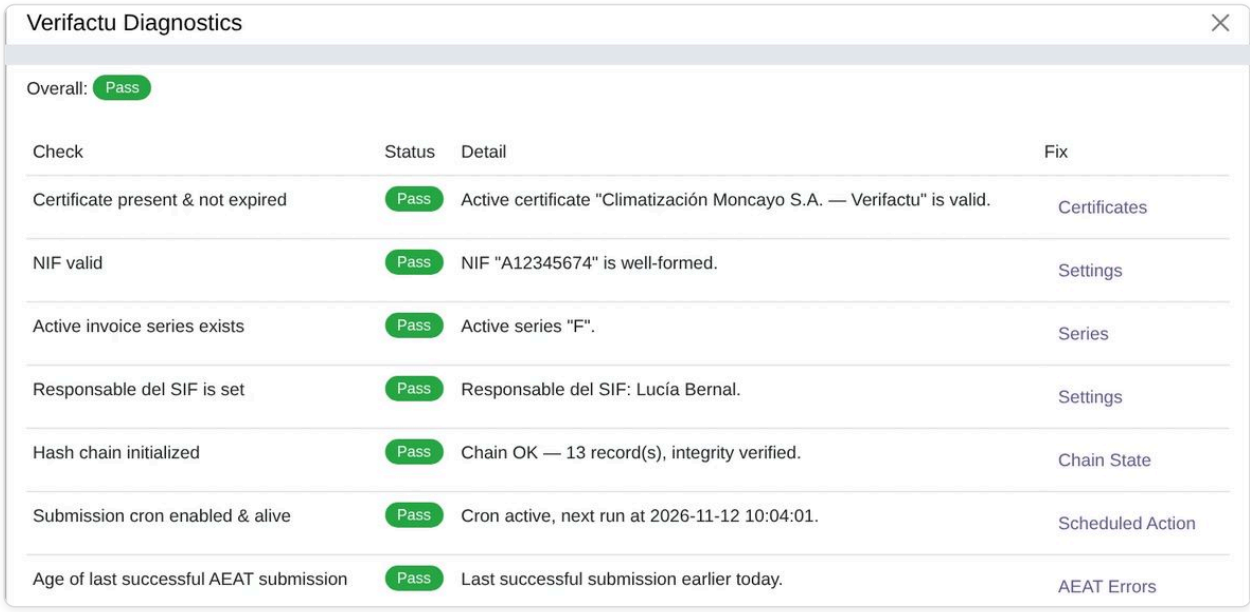
without an active certificate no submission goes out.



- **Real Odoo 20 screenshot.** List of certificates.

3 Check the diagnostics

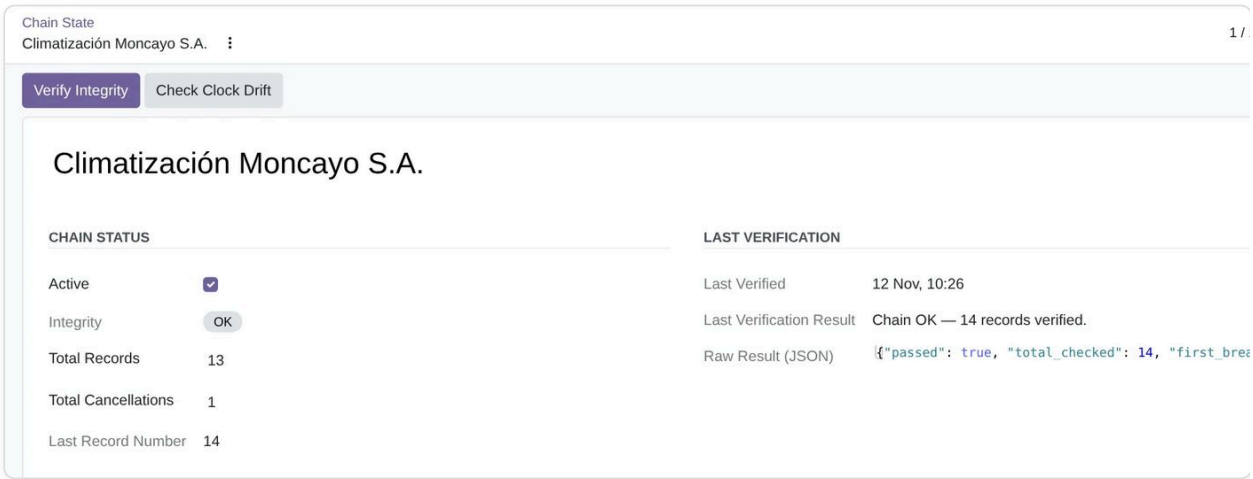
Verifactu / SIF › Diagnostics shows seven checks. The first one that is not **Pass** is the next thing to fix.



- **Real Odoo 20 screenshot.** Panel of configuration checks.

4 Check the chain

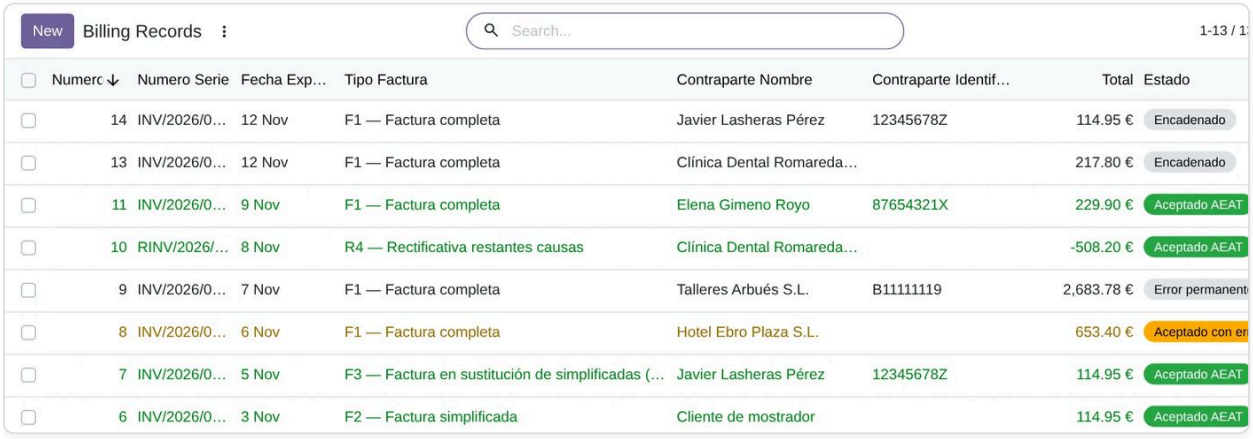
Each company's chain is created automatically when the module is installed. Open it in **Verifactu / SIF › Compliance Records › Chain State** and click **Verify Integrity**: the **Integrity** status changes from **Unchecked** to **OK** if everything adds up.



- **Real Odoo 20 screenshot.** Screen of a company's chain.

> The **Verify Integrity** and **Check Clock Drift** buttons are only visible to the **SIF Manager** group. When you install the module, Odoo administrators already have it. An administrator accepts the permission for FlexigoTech Cloud in **Settings › FlexigoTech Cloud**.

After you connect, the scheduled jobs do the work on their own. **Verifactu: Process Submission Queue** sends the queue to the AEAT every minute. **Verifactu: Nightly Integrity Check** checks the chain every day. **Verifactu: Clock Drift Check** checks the time every hour. **Verifactu: Certificate Expiry Alert** warns you every day about the certificate's expiry. If the chain is suspended for a migration, Odoo shows «Chain is suspended for migration. Cannot append new records».



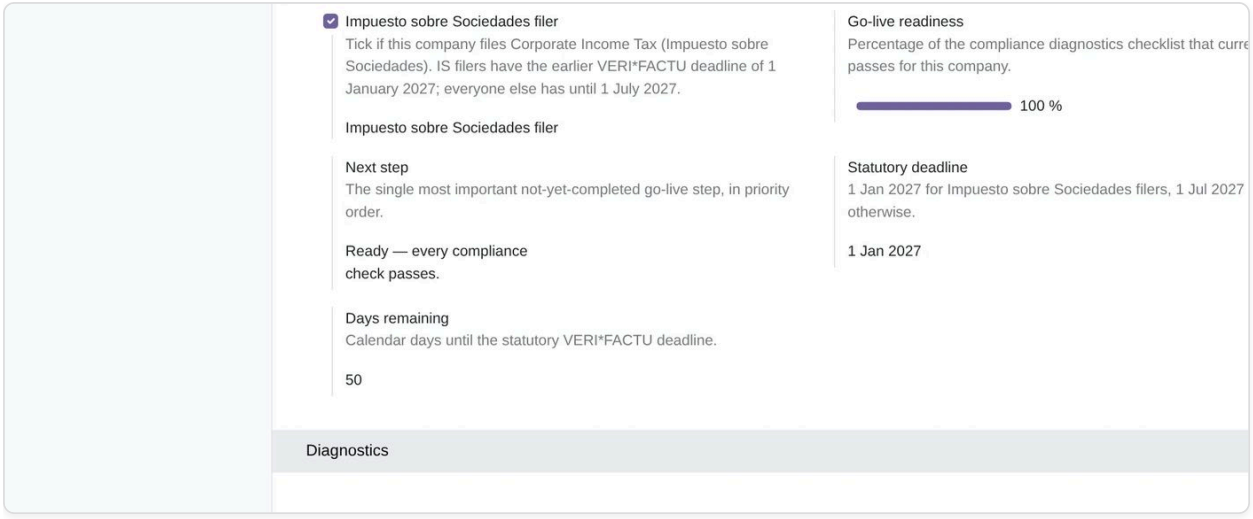
- **Real Odoo 20 screenshot.** Billing records of a chain.

MODULE GUIDE · VERI*FACTU

7 Settings, certificate and going live

The module's block in Settings

Enable submission	Switches VERI*FACTU on for the company.
Environment	Test or production. Read-only here: it is changed with **Switch Environment...**.
NIF	The one used on the records. If left empty, the company's NIF is used.
SIF manager	The person responsible for the system, who receives the alerts.
Instance secret	Set once and never changed: the certificate is encrypted with it.
Producer NIF	FlexigoTech's, which goes on every submission. Required before submitting in production.
Pays Corporation Tax	Tick the box and your deadline changes to the one for companies.
Readiness and next step	Which part of the checklist passes and what is missing first.
Legal deadline and days remaining	Your date and the days left.



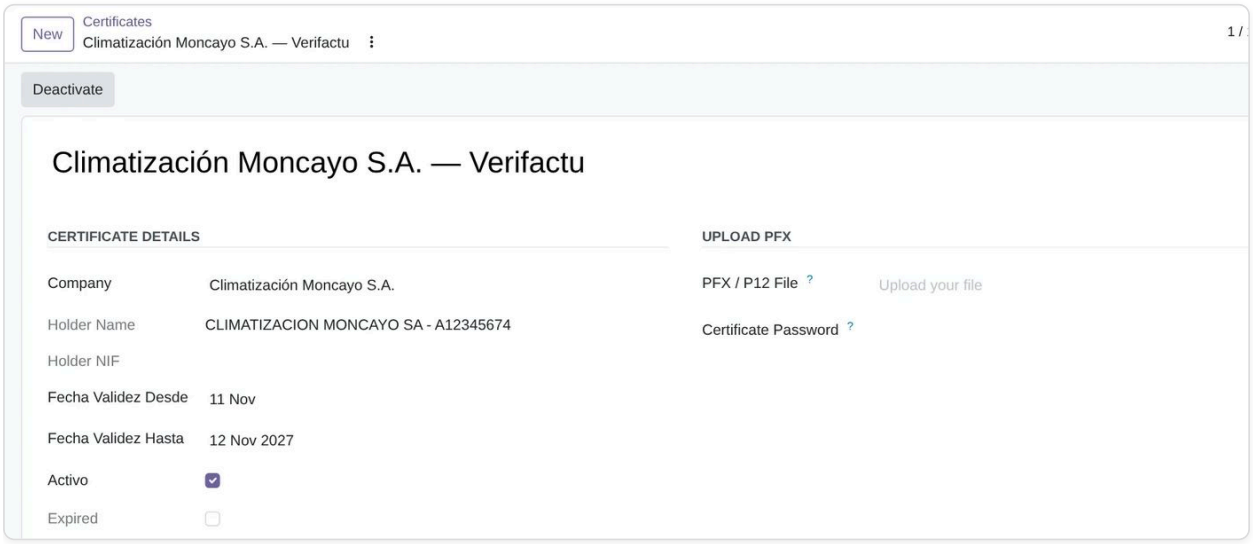
- **Real Odoo 20 screenshot.** The module block in Settings, with the preparation status and the legal deadline.

Further down, **Am I compliant? (Diagnostics)** opens the diagnostics; the email summary says how often it is sent and to whom; and Slack, Telegram or Teams alerts are tested with **Send Test Alert**.

The certificate

Each company has its own certificate. In **Verifactu / SIF › Configuration › Certificates**, **New** asks for a name, the .p12 or .pfx file and its password; once saved, click **Activate**. The list shows its status: active, about to expire, expired or revoked.

The file and its password are stored encrypted (AES-256-GCM) in your Odoo. The module warns you by email 60, 30 and 7 days before it expires. With an expired certificate, no submission is sent.

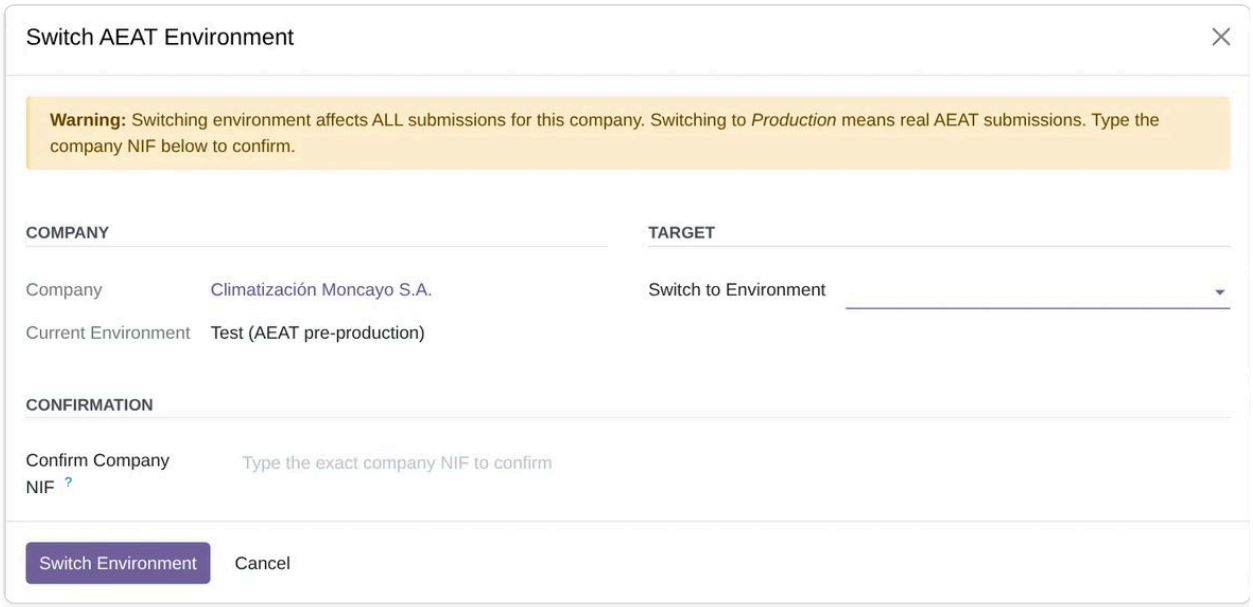


- **Real Odoo 20 screenshot.** One certificate: holder, dates and the **Activate** and **Deactivate** buttons.

From testing to production

1. **Enter the producer's NIF**
   In Settings, the one for FlexigoTech. Without it, nothing is sent in production.

2. **Click Switch Environment...**
   In Settings, next to the environment.



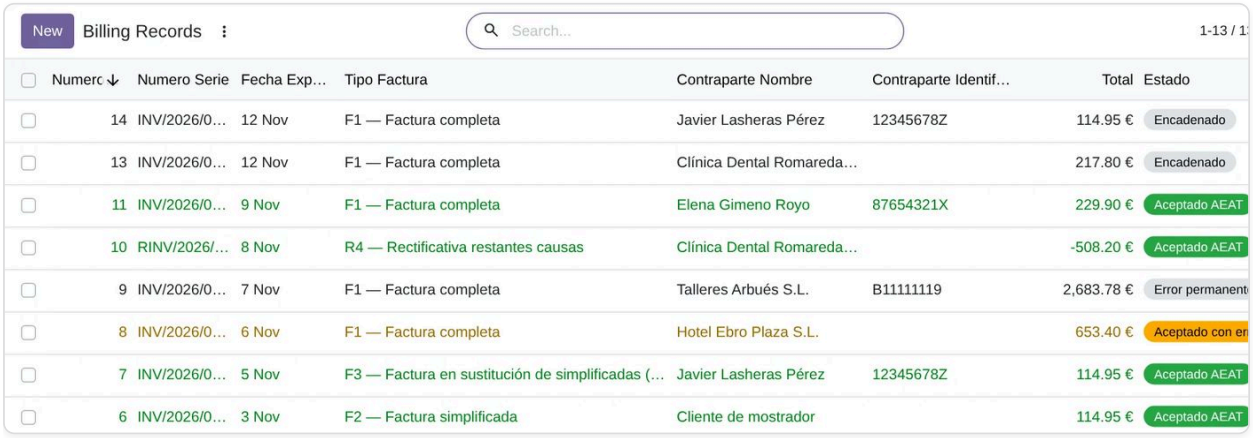
- **Real Odoo 20 screenshot.** Switching environment requires you to type the company's NIF.

3 **Type the company's NIF and confirm**

If it does not match, nothing changes. This way nobody moves to production by accident.

MODULE GUIDE · VERI*FACTU

8 Billing and cancellation records in Odoo



- **Real Odoo 20 screenshot.** List of billing records.

The billing record is created automatically when the invoice is posted, and the cancellation record when it is cancelled: you do not need to click any button or wait for a scheduled task. Each record carries its hash, its record number, its QR code and the invoicing series it belongs to.

You find them in **Verifactu / SIF › Compliance Records › Billing Records** and **Verifactu / SIF › Compliance Records › Cancellation Records**. From the invoice they open with the two buttons for its record, the billing one and the cancellation one.



- **Real Odoo 20 screenshot.** List of cancellation records.

Invoice buttons

SIF Record	Counts the invoice's billing records and opens the linked record.
SIF Cancel	Counts the invoice's cancellation records and opens the linked record.

Record statuses

- **Borrador**
- **Encadenado**
- **Enviado**
- **Aceptado AEAT**
- **Aceptado con errores (subsanar)**
- **Rechazado AEAT**
- **Reintentando**
- **Error permanente**

Credit notes (corrective invoices)

A customer credit note, the one that comes from the **Credit Note** button on the invoice, also generates its registration record: it goes as a corrective invoice, with the type the credit note carries (R1 to R5). If it corrects a simplified invoice (F2), it always goes as R5. When you post it, the module stops anything the AEAT would reject, and the credit note is not posted: an R1 to R4 without the customer's NIF or foreign tax ID (AEAT error 1189), an R3 without a Spanish NIF (1191) or an R2 without a Spanish NIF or EU VAT number (1192).

> You cannot delete a record or modify its chain fields. If you try, Odoo shows «Billing records cannot be deleted. Issue a cancellation record (registro de anulación) instead» or «Chain record fields cannot be modified: ...». For a cancellation, you get «Cancellation records cannot be deleted.» and «Cancellation record fields cannot be modified: %s».

The two record types

There is one billing record per posted invoice, chained to the previous one through the hash. The cancellation record is created when the invoice is cancelled. Each takes its place in the chain with its own record number, its hash and the previous hash.

Statuses and what they mean

STATUS	WHERE IT APPEARS
Borrador	Only in the billing record, where it is the initial value.
Encadenado	Initial value of the cancellation record.

STATUS	WHERE IT APPEARS
Enviado	Billing and cancellation records.
Aceptado AEAT	Billing and cancellation records.
Aceptado con errores (subsanar)	Billing and cancellation records.
Rechazado AEAT	Billing and cancellation records.
Reintentando	Billing and cancellation records.
Error permanente	Billing and cancellation records.

Rules and conditions

- The fields that protect the integrity of the chain cannot be modified. Odoo responds «Chain record fields cannot be modified: ...».
- A billing record is not deleted. To correct it, a cancellation record is issued.
- A cancellation record cannot be deleted either: «Cancellation records cannot be deleted.»
- The posted invoice stays linked to its record and can no longer be deleted.

Simplified invoice and substitution

On the invoice, **Factura simplificada (F2)** issues it without a recipient. The AEAT does not accept an F2 over €3,000 (its validation 1150). **Canje de simplificadas (F3)** replaces simplified invoices already issued and declared, without correcting or cancelling them. In the substitution, the invoices are listed under **Simplificadas sustituidas** or **Tickets externos sustituidos**, one reference per line in the format NUMBER-SERIES | DD-MM-YYYY.

An F3 exchange can only be set on customer invoices and requires the recipient's NIF. You must state which simplified invoices it replaces, up to 1,000 per record. The replaced invoices must be posted, have a record, be F2 or R5 and belong to the same company. The errors Odoo gives include: «El canje de simplificadas (F3) solo puede marcarse en facturas de cliente, no en rectificativas ni compras» and «La AEAT admite como máximo 1.000 facturas sustituidas por registro (FacturasSustituidas). Divida el canje»

Record fields and groupings

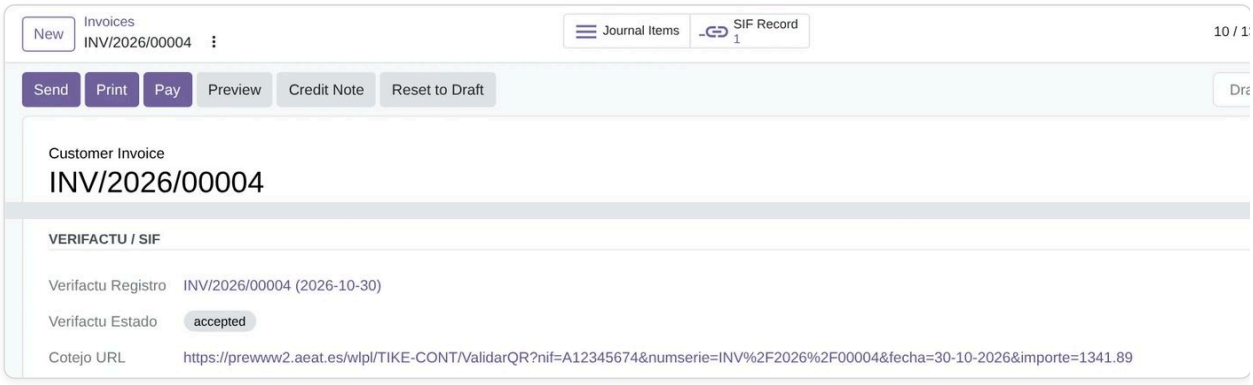
Invoice	Invoice data: series, number, dates, invoice type and total.
QR Code	The verification address and the QR image.

From the customer, the record stores **Contraparte Nombre**, **Contraparte Tipo** and **Contraparte Identificador**. From the chain it stores **Record Hash**, **Previous Hash**, **Numero Registro** and **Timestamp Generacion**. From the AEAT response it stores **Aeat Response Xml**, **Aeat Codigo Csv** and **Response Timestamp**.

The invoice type field offers F1, F2, F3 and the corrective invoices R1 to R5. The default is F1, full invoice. The taxable base and VAT amount are calculated from the record.

End-to-end example

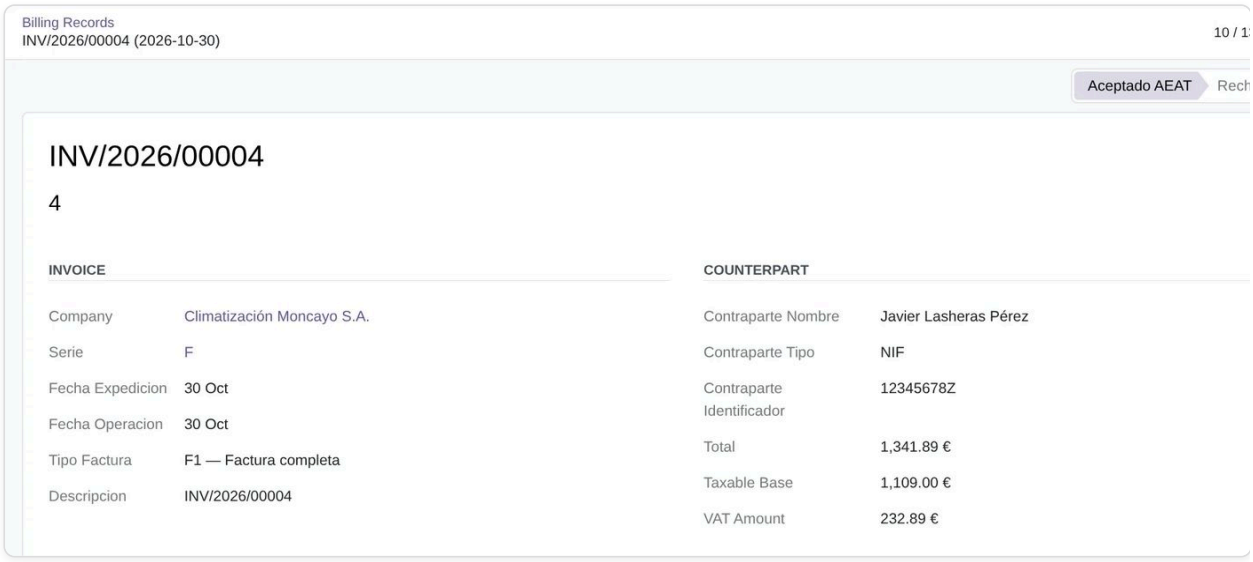
1. **You post the invoice**
   When posted, the module creates a chained billing record with its QR code.



- **Real Odoo 20 screenshot.** Invoice with its record.

2 You open the record

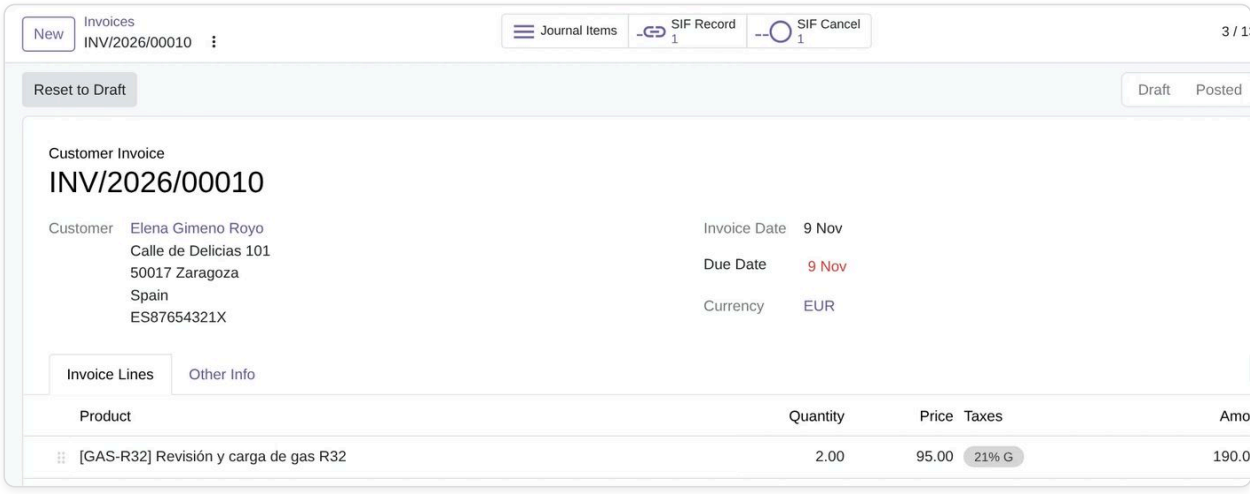
From the invoice you open the record and see the hash, the record number and the QR code.



- **Real Odoo 20 screenshot.** Billing record details.

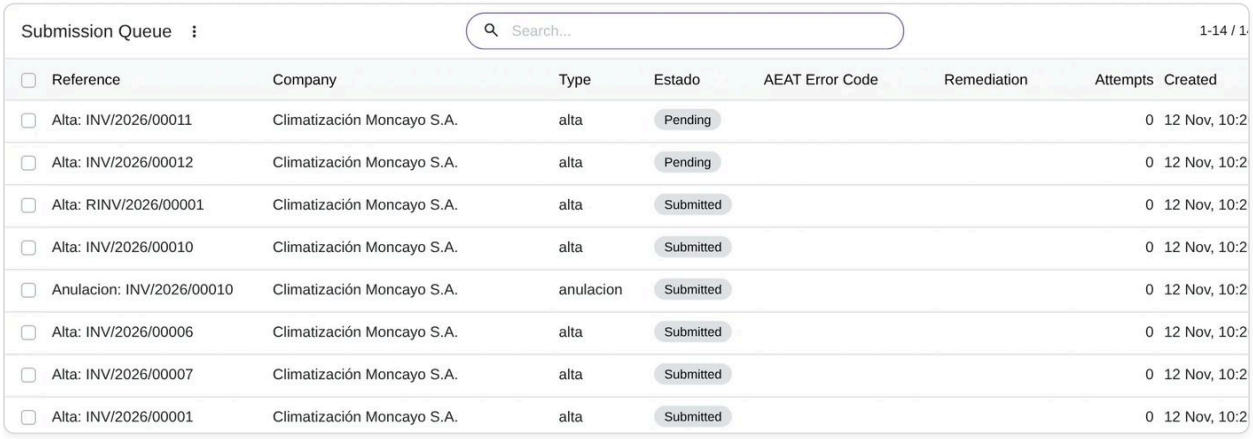
3 You cancel the invoice

A cancellation record linked to the original record is created.



- **Real Odoo 20 screenshot.** Cancelled invoice.

9 From the record to submission to the AEAT



- **Real Odoo 20 screenshot.** The submission queue list with the status and attempts of each entry.

The scheduled task **Verifactu: Process Submission Queue** sends each company's pending records to the AEAT every minute, all together in a single request. Each AEAT response is noted on the record and on its queue entry. You see the queue in **Verifactu / SIF › AEAT Submission › Submission Queue** and the failed submissions in **Verifactu / SIF › AEAT Submission › AEAT Errors**.

Entry statuses

Pending	Waiting its turn to be sent.
Retrying	The submission failed and will be retried. The **Proximo Reintento** field says when.
Submitted	The AEAT has accepted it, with or without errors to correct.
Failed	The AEAT has rejected it for an error that retrying does not fix: the cause must be corrected.
Dead Letter	It has failed six times and is no longer retried automatically. The person in charge is alerted by email and with an activity.

Entry buttons

Retry Now	It puts the entry back to **Pending**, with the attempts reset to zero, and it goes out on the next pass of the queue, which runs every minute. You only see it when the status is **Failed** or **Dead Letter**.
Retry Selected	Does the same for all the failed entries you select in the **AEAT Errors** list.

1 Open the error list

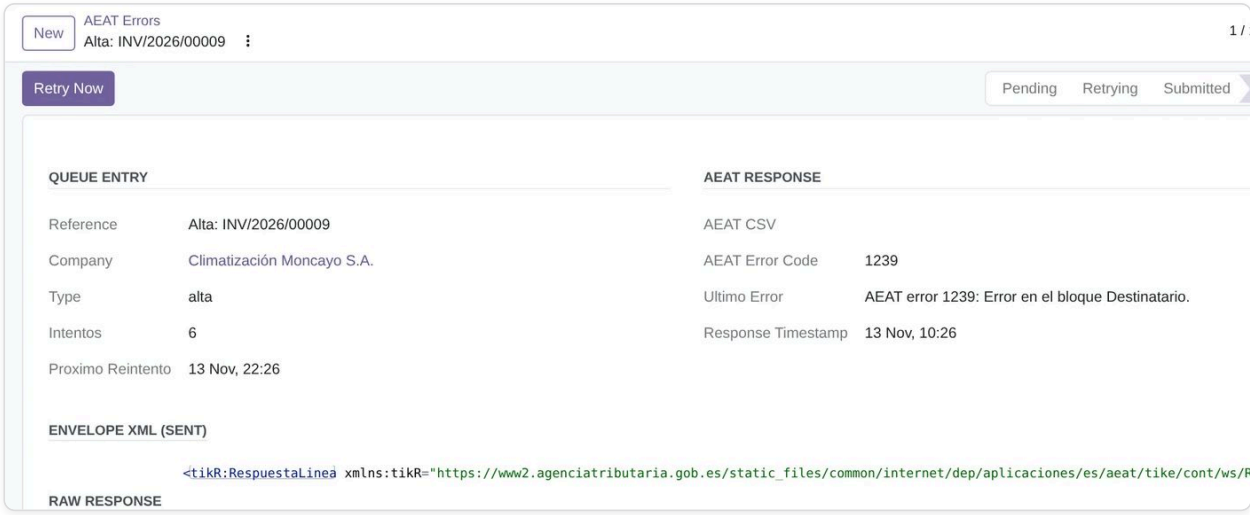
Go to **Verifactu / SIF › AEAT Submission › AEAT Errors**.



- **Real Odoo 20 screenshot.** List of failed submissions with their error code.

2 **Read the detail**

In the list, the **Remediation** column says how to fix it. When you open the entry you see the **AEAT Error Code** and the **Ultimo Error**.



- **Real Odoo 20 screenshot.** Entry detail with the error returned by the AEAT.

3 **Resend**

Fix the cause and press **Retry Now**, or select several entries and press **Retry Selected**.

> Only someone in the **SIF Manager** group can retry a submission. Otherwise, Odoo shows «Only a SIF Manager can retry AEAT submissions.»

How it decides what to send and when

Every minute, for each company, the module gathers the entries in **Pending** and **Retrying** that are due and sends them in a single request. That request accepts up to 1,000 records. Each AEAT response carries a wait time. The next request for that company waits that long, unless 1,000 records are already queued. If the AEAT responds with a rate limit, the module delays all pending entries for that company.

Retries and the error tray

Each failure adds one to **Attempts** and lengthens the wait until the **Proximo Reintento**: 2 minutes, 10 minutes, 30 minutes, 2 hours and 12 hours. When a submission reaches **Failed** or **Dead Letter**, it appears in **AEAT Errors**. On reaching **Dead Letter**, the responsible person is notified by email and with an activity.

Rules for retries

- **Retry Now** is only available when the entry is in **Failed** or **Dead Letter**.
- **Retry Selected** resets all failed entries in the selection. Entries that are neither in **Failed** nor in **Dead Letter** are skipped, and the notice says how many.
- The list action that retries everything works on the failed entries of your active companies, without you having to select anything.

- Anyone who is not in the **SIF Manager** group cannot retry, even if they can read the queue: Odoo responds «Only a SIF Manager can retry AEAT submissions.»

What each entry stores

Reference and **Tipo**	They identify the entry and whether it is a billing record or a cancellation.
Company	The company that sends it; it is mandatory.
Estado, **Attempts**, **Proximo Reintento**	How the submission is going and when it will be retried.
Ultimo Error	The last error received.
AEAT CSV, **AEAT Error Code**, **Response Timestamp**	The AEAT secure verification code, the error code and the time of the AEAT response.
Remediation	List column: the guidance for correcting the error, taken from the catalogue.

The form is organised into the groups **Queue Entry**, **AEAT Response**, **Envelope XML (sent)** and **Raw Response**. The last two store the envelope that was sent and the unprocessed response, useful if you need to review in detail what happened.

The error catalogue

Verifactu / SIF › AEAT Submission › AEAT Error Catalogue contains 247 AEAT errors when the module is installed. Each one has a **Codigo**, a **Familia**, a description in Spanish and in English, and **Remediation Es**. The families are grouped by the first digit of the code: 1xxx, record rejected; 2xxx, accepted with errors that must be corrected; 3xxx, record status or duplicates; 4xxx, whole submission rejected.

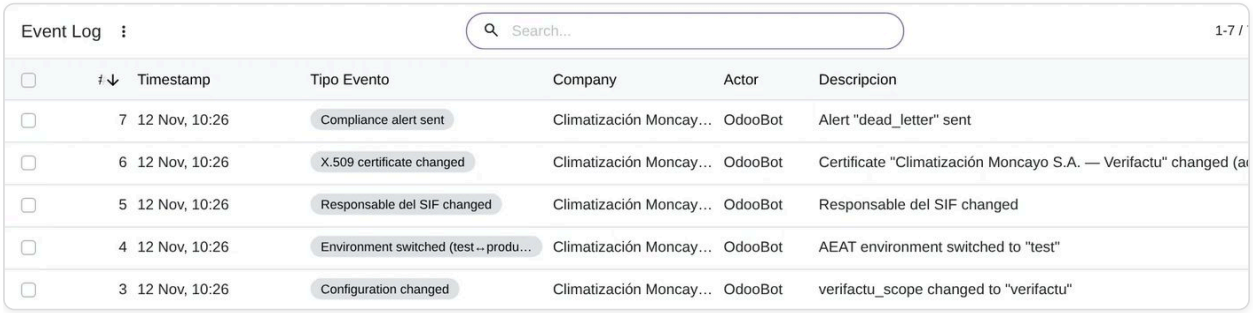
Analysis

Verifactu / SIF › Analytics › Submission Funnel and **Verifactu / SIF › Analytics › Submission Trend** analyse the queue with filters such as **Submitted (Accepted)**, **Failed / Dead Letter**, **First-Attempt Success** and **Success After Retry**, by **Day**, **Week** or **Month**.

End-to-end example

An issued invoice generates its record and enters the queue as **Pending**. In the following minute the scheduled task sends it and the AEAT replies. If the response is correct, the entry moves to **Submitted** and stores the **AEAT CSV**. If it fails, it moves to **Retrying** and **Attempts** goes up. If it exhausts its retries, it stays in **Dead Letter** and the responsible person receives the notice. That person opens **AEAT Errors**, reads the **Remediation** column, fixes the cause and presses **Retry Now**. The entry returns to **Pending** and is resubmitted.

10 Audit trail



- **Real Odoo 20 screenshot.** List of the event log.

Events are filled in automatically: the system records every relevant fact, such as startup, configuration changes, certificate changes, hash tests, exports and alerts. A scheduled task that runs every 5 minutes raises to a notice inside Odoo any pending alerts that nobody has confirmed.

Where everything is

The event log is at **Verifactu / SIF › Audit Trail › Event Log**. In the list you will find filters to narrow by event type and by today, and you can group by event type, by **Company** or by **Day**.

The responsible declaration

The AEAT does not approve software. Whoever makes it signs a responsible declaration that it complies (article 13 of the regulation approved by Royal Decree 1007/2023).

> Event log records cannot be modified or deleted. If you try, Odoo shows «Event log records are immutable.» or «Event log records cannot be deleted.».

What the event log records

Each record in the log has a **Company**, the event type, the date and time, the user who triggers it, a description, the context data, the event hash and **Secuencia**. The form splits them into four groups: the event, the integrity, the description and the context.

Event types

GROUP	WHAT IS RECORDED
Operation	System start and stop, update of the module version, restoration from a backup, server clock drift above the threshold and AEAT rate-limit responses.
Configuration	Changes to configuration, certificate and SIF manager, switching between test and production, switching the mode between VeriFactu and non-VeriFactu, and updating the version of the AEAT schema.
Integrity	Unauthorised tampering attempts, detected anomalies, fingerprint tests and log exports.
Migration	Start and end of a historical migration.

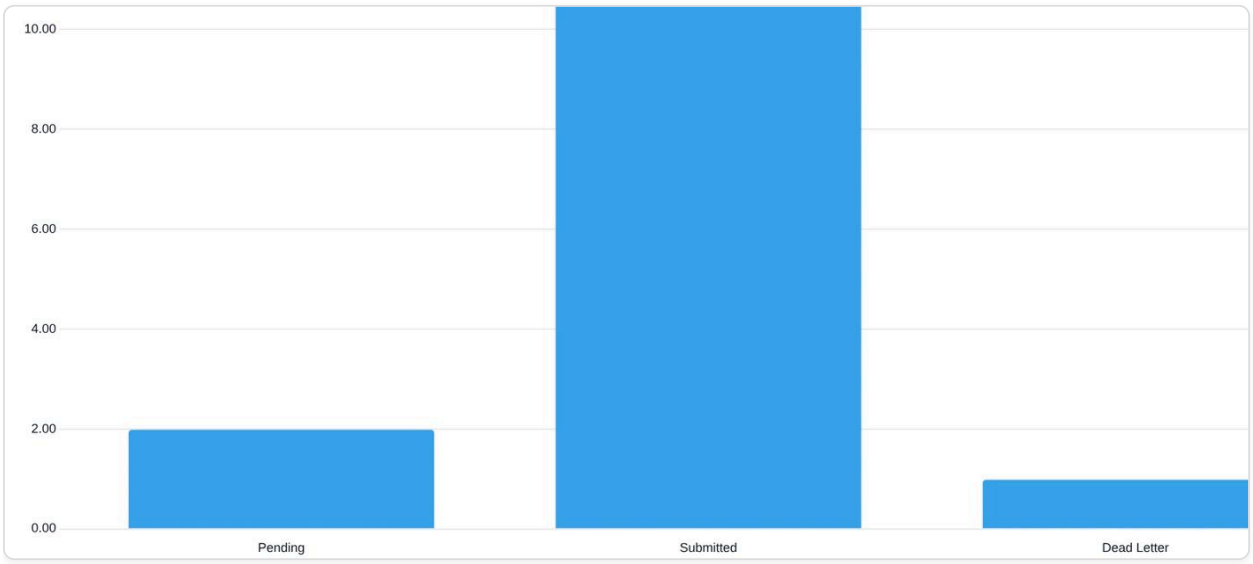
GROUP	WHAT IS RECORDED
Data protection	Access export (article 15) and refusal of erasure (article 17) for a GDPR request.
Alerts	Sending a compliance alert and pressing the test alert button.

Rules and conditions

- Events are only created by the system itself: there is no way to add or edit one by hand.
- The log rejects any change or deletion.

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11 Compliance analysis and diagnostics

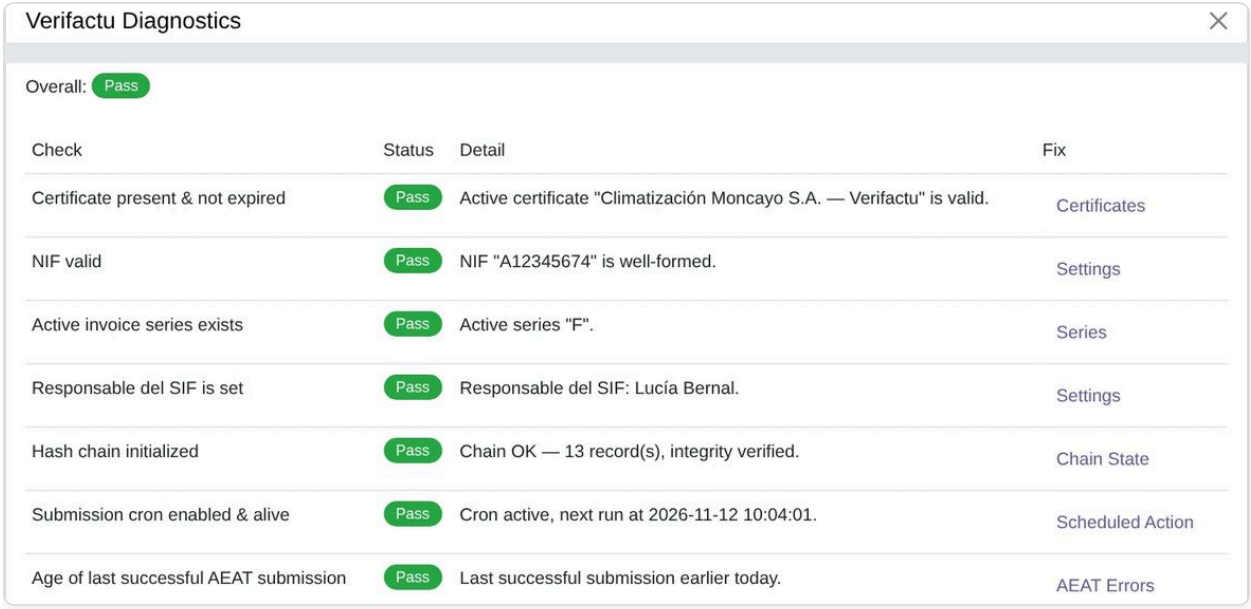


- **Real Odoo 20 screenshot.** Submission funnel screen.

The analysis screens are under **Verifactu / SIF › Analytics**: **Verifactu / SIF › Analytics › Submission Funnel**, **Verifactu / SIF › Analytics › Submission Trend** and **Verifactu / SIF › Analytics › Billing Records Analytics**. The diagnostics panel opens from **Verifactu / SIF › Diagnostics**.

Where the data comes from

Submissions leave a queue towards the AEAT service of your company's environment, either test or production. The scheduled task **Verifactu: Process Submission Queue** processes that queue every minute. The diagnostics panel only reads your company's status and writes nothing.



- **Real Odoo 20 screenshot.** **Verifactu Diagnostics** panel with the result of each check.

Buttons on the diagnostics panel

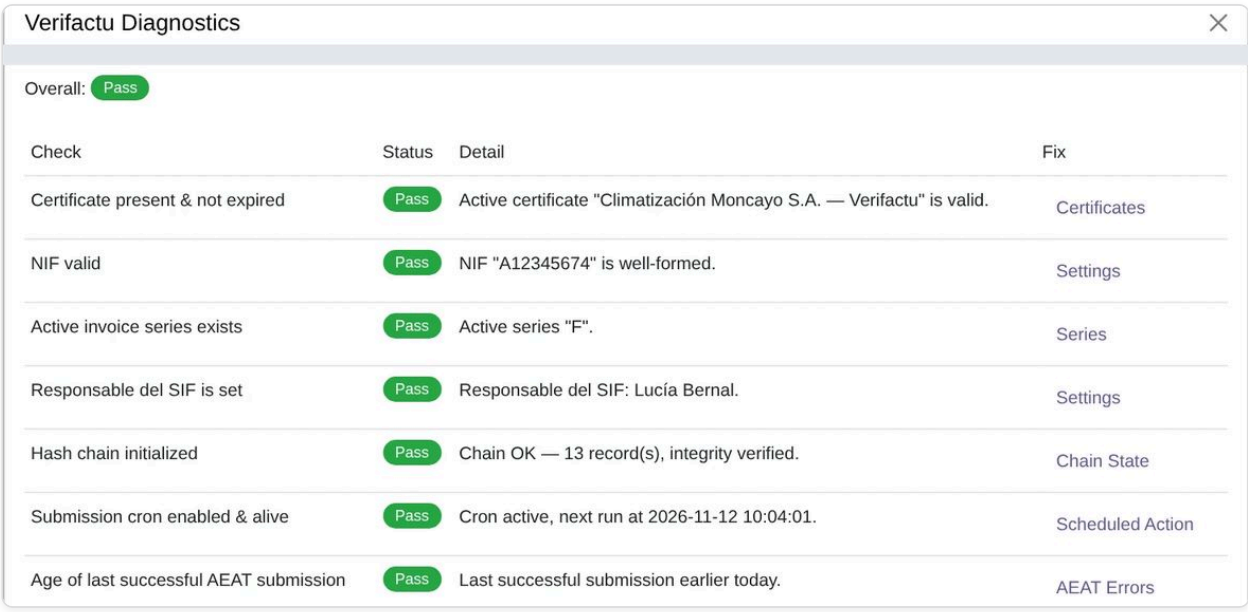
Certificates	Opens the certificates.
Settings	Opens the setup wizard, where the NIF and the SIF manager are fixed. There are two buttons with this label.
Series	Opens the invoice series.
Chain State	Opens the chain state.
Scheduled Action	Opens the scheduled task. Only the system administration group can see it.
AEAT Errors	Opens the AEAT errors.
Refresh	Reopens the panel and recalculates all checks.
Close	Closes the panel.

Statuses

Each check and the overall **Overall** result has one of three statuses: **Pass**, **Warning** or **Fail**.

How to use it

1. **Open the panel**
   Go to **Verifactu / SIF › Diagnostics**.



- **Real Odoo 20 screenshot.** Diagnostics panel open.

2. **Check the overall status**

   Read **Overall** and the list of checks.

3. **Fix what is pending**

   Press the button of any check that is not **Pass**.

4. **Check again**

   Press **Refresh** to recalculate.

> The panel does not fix anything: it only reads. You can only run diagnostics for a company you have access to. Otherwise, Odoo shows «You can only run diagnostics for a company you have access to.»

The checks and their order

The panel reviews seven points, in this order: the certificate, the NIF, the invoice series, the SIF manager, the hash chain, the scheduled submission task and the age of the last successful submission to the AEAT. The order is the priority for going live in production: the first check that is not **Pass** is the first thing to fix. Each check comes with a text detail that explains the result.

The statuses

STATUS	WHAT IT MEANS
Pass	The check is fine.
Warning	Something needs reviewing.
Fail	Something needs fixing.

Rules and conditions

- The panel is read-only: it reads the certificate, the NIF, the series, the chain, the submission task and the last submission, and writes nothing.
- You can only run it for a company you have access to. Otherwise, Odoo shows «You can only run diagnostics for a company you have access to.»
- The NIF and the **Responsable del SIF** are fixed from the setup wizard. The **Settings** buttons on the panel lead to that wizard, so that a user without system administration rights can open it.
- The **Scheduled Action** button is only visible to system administrators.

Panel fields

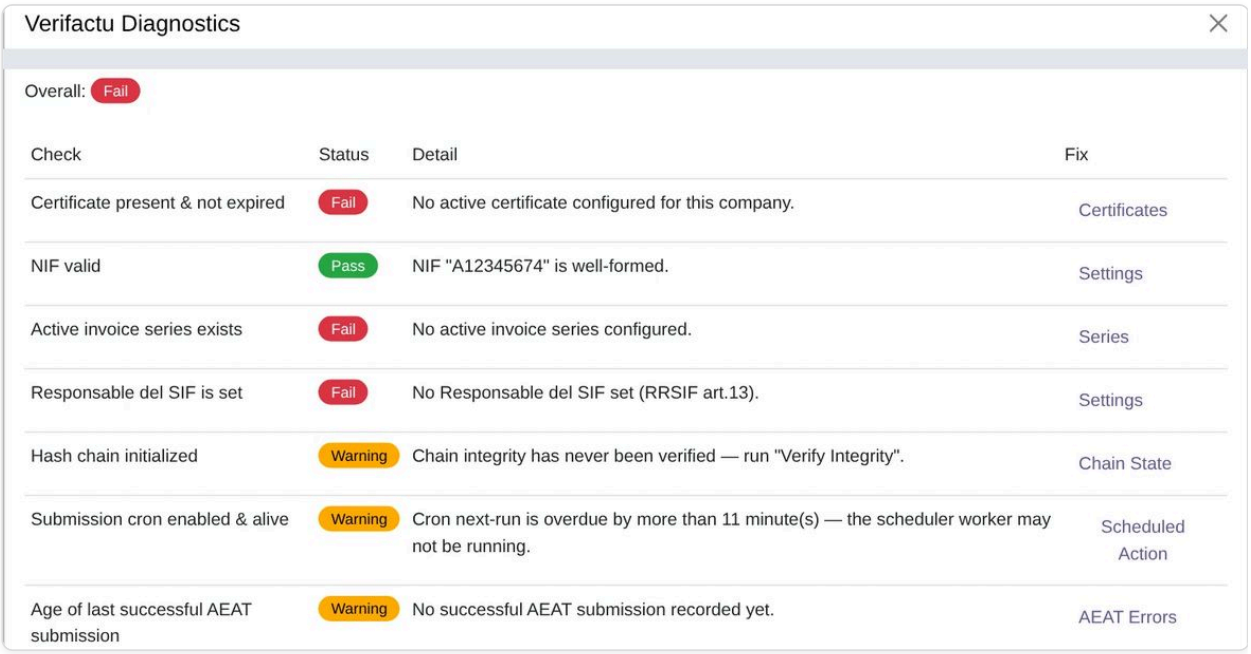
Company	The company being diagnosed. It is required and, by default, is the active company.
Overall	Overall result of the panel.

Scheduled tasks that feed compliance

SCHEDULED TASK	FREQUENCY
Verifactu: Process Submission Queue	Every minute
Verifactu: Nightly Integrity Check	Every day
Verifactu: Certificate Expiry Alert	Every day
Verifactu: Alert Escalation to In-App Banner	Every 5 minutes
Verifactu: Clock Drift Check	Every hour
Verifactu: Asesoría Cockpit RAG Refresh	Every 5 minutes
Verifactu: Compliance Digest Email	Every day

End-to-end example

1. **You open the panel**
   Go to **Verifactu / SIF › Diagnostics**. Odoo shows the overall status and the seven checks.



- **Real Odoo 20 screenshot.** Panel with pending checks.

2 **You find the first pending one**

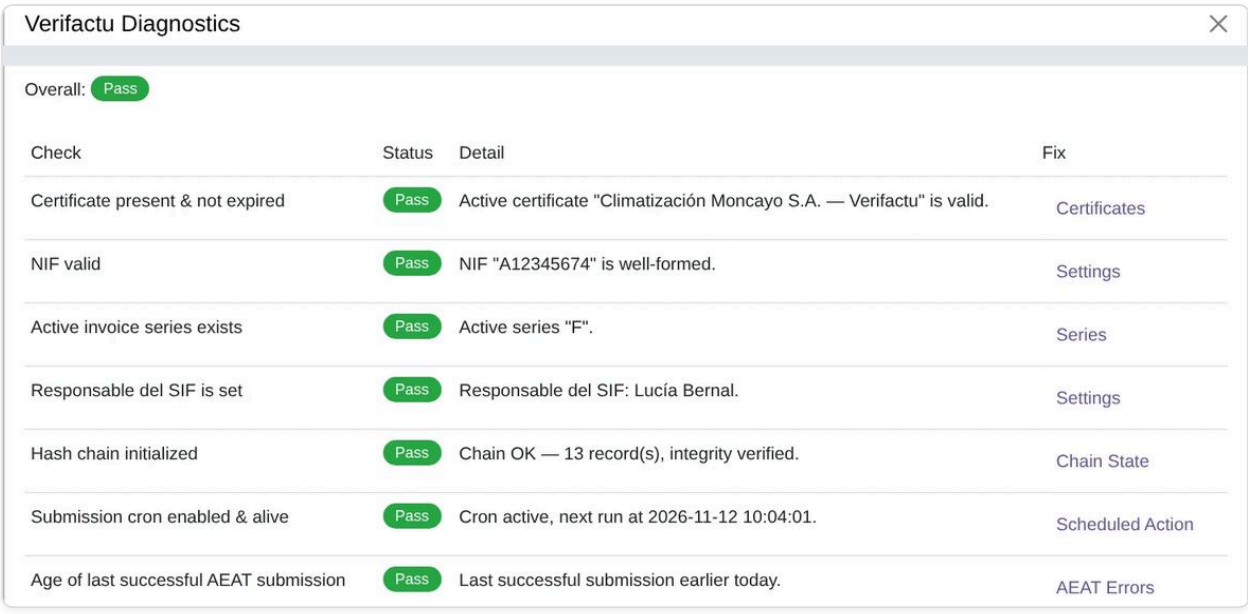
The first check that is not **Pass** is the one to fix first.

3 **You press its button**

For example, **Series** if **Active invoice series exists** fails. You fix what is missing on that screen.

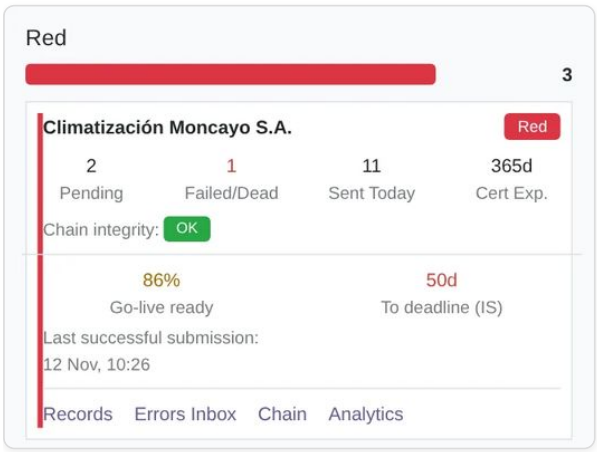
4 **You refresh**

Go back to the panel and press **Refresh**. All checks are recalculated.



- **Real Odoo 20 screenshot.** Panel after refreshing.

12 The advisory console



- **Real Odoo 20 screenshot.** Dashboard of the console, with companies sorted from worst to best status.

Go to **Verifactu / SIF › Asesoría Console › Compliance Cockpit**. Each company with VeriFactu enabled has a chain and appears with its compliance status. The ones in the worst state come first. If you prefer a list, open **Verifactu / SIF › Asesoría Console › Chain States (List)**.

Where each figure comes from

- The task **Verifactu: Asesoría Cockpit RAG Refresh** updates the status and counters of all chains every 5 minutes. If an active company is missing its chain, it creates it.
- The task **Verifactu: Compliance Digest Email** sends the compliance digest every day, if it is due according to the configured frequency.
- The task **Verifactu: Nightly Integrity Check** checks the integrity of each active chain every day.
- The task **Verifactu: Clock Drift Check** checks the deviation of the server clock against the AEAT time every hour.
- The deadline, preparation and taxpayer data for Corporate Income Tax are copied from each company's record.

Chain buttons and console filters

Verify Integrity	Checks the integrity of the chain now. Visible to the **SIF Manager** group.
Check Clock Drift	Compares the server clock with the AEAT time. If it cannot check, it says so.
Red, **Amber**, **Green**	Filter the chains by their compliance status.
Awaiting AEAT	Shows companies with invoices not yet accepted by the AEAT.
Certificate expiring	Filter for companies whose certificate expires in 60 days or fewer.

Statuses

Red	There is at least one failed or dead-letter submission to the AEAT.

Amber	Submissions are pending or being retried, the certificate expires in under 30 days or there is none, or the chain is unchecked or broken.
Green	Everything submitted, chain OK and certificate valid.

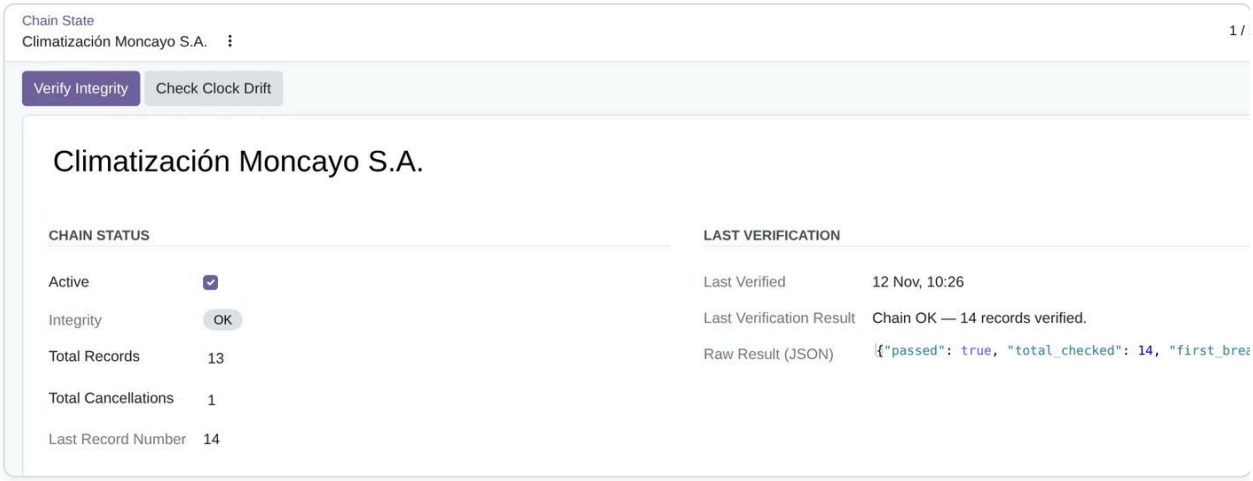
Steps to review a company

1 Open the console

Go to **Verifactu / SIF › Asesoría Console › Compliance Cockpit** and look first at the companies in **Red**.

2 Open its chain

Check the **Oldest Unresolved Error**, the **Last Successful Submission** and the **Certificate Expiry (days)**.



- **Real Odoo 20 screenshot.** Chain of a company with the **Compliance Cockpit** group.

3 Check the integrity

Press **Verify Integrity** and read the result in **Last Verification Result**.

> If a chain is suspended for a migration, it accepts no new records and Odoo shows «Chain is suspended for migration. Cannot append new records». Only the migration's own import and cancellations bypass this rule.

What each figure calculates

Pending	The company's submissions that are pending or retrying.
Failed	Failed submissions.
Dead Letter	Submissions that have used up their retries.
Sent Today	Submissions accepted by the AEAT today, according to the server time zone.
Awaiting AEAT	Sum of pending, failed and dead-letter: invoices not yet accepted. Its sum at the foot of the list is the queue for the whole portfolio.
% Submitted on First Attempt	Percentage of invoices accepted by the AEAT on the first attempt, among those that already have a response. It does not count cancellations.

Cert Expiry (d)	Days left until the active certificate expires. It is -1 if there is none, which also calls for attention.
Last Successful Submission	Last time the AEAT accepted a submission.

Integrity statuses

OK	The last verification went through the chain and all hashes are correct.
Broken	The verification found a break. The person in charge is alerted by email and an activity is created.
Unchecked	The chain has not been verified yet.

Rules and conditions

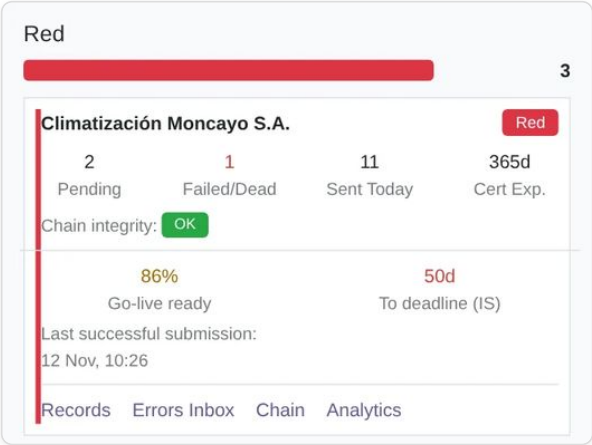
- The status is refreshed every 5 minutes by the console task.
- The digest email is sent as a separate message per recipient and only with the companies of that recipient, so that the situation of some companies is not revealed to others.
- The alert is only sent if the digest justifies it: a portfolio that is all green does not generate an email.
- **Check Clock Drift** compares with the AEAT time. If there is no AEAT time, it says so instead of giving a false pass.

Chain fields and tabs

Chain State	Chain data: **Active**, **Last Hash**, **Last Record Number**, **Total Records** and **Total Cancellations**.
Last Verification	**Last Verification**, **Integrity**, **Last Verification Result** and **Raw Result (JSON)**.
Compliance Cockpit	**Oldest Unresolved Error**, **Certificate Expiry (days)**, **Last Successful Submission** and **Last Event**.
Chain Anchors	**Genesis Record**, the first record of the chain.

End-to-end example

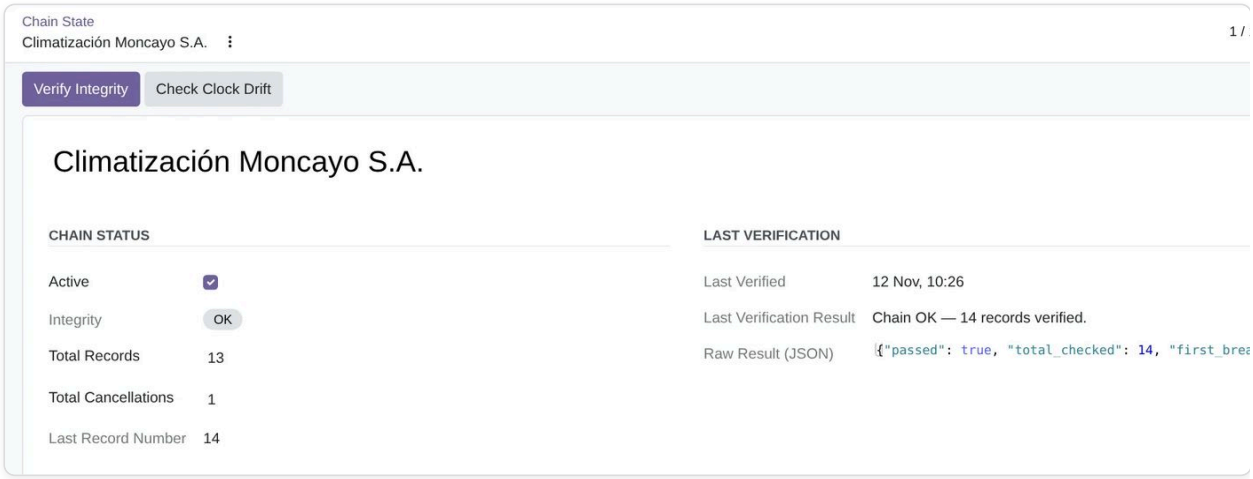
1. **You detect the problem**
   You open the console and filter by **Red**. One company has failed submissions.



- **Real Odoo 20 screenshot.** Console with the **Red** filter applied.

2 You check the chain

Open its chain and you'll see the **Compliance Cockpit** group: unresolved errors and the last accepted submission.



- **Real Odoo 20 screenshot.** Chain with the **Compliance Cockpit** group.

3 You verify integrity

Click **Verify Integrity**. If **Integrity** shows **OK**, the problem is only in the submissions.

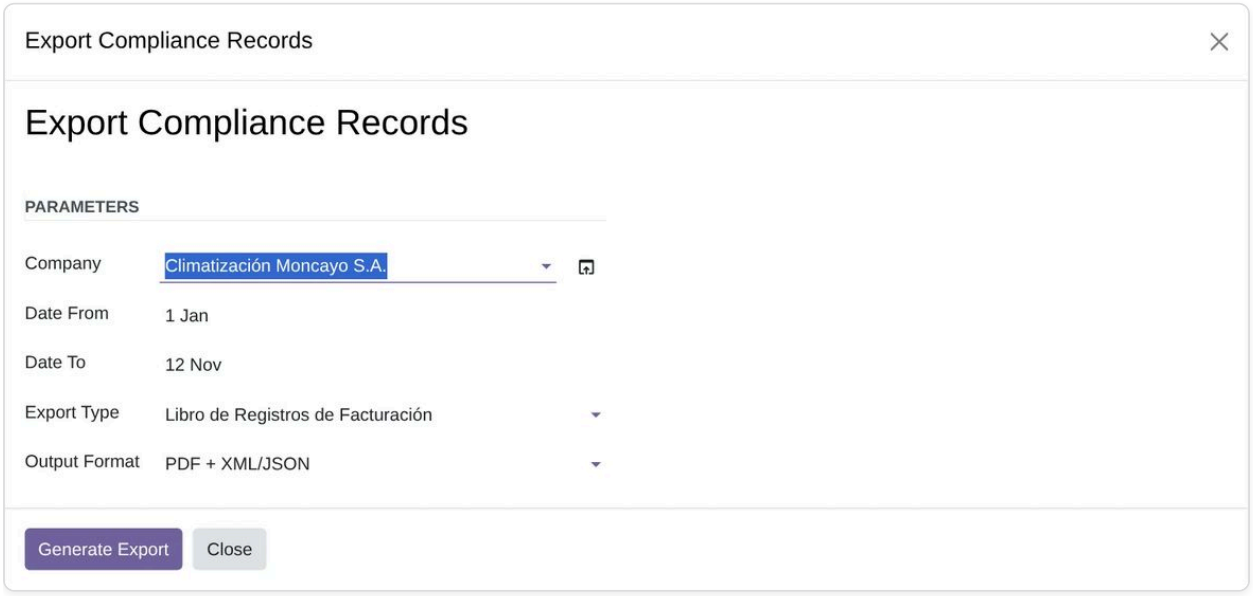
4 You check the clock

Click **Check Clock Drift** in case clock deviation is contributing.

5 You wait for the refresh

Once the submissions are resolved, the console task updates the status and the company turns **Green** on the next refresh, which repeats every 5 minutes.

13 Exports and data protection

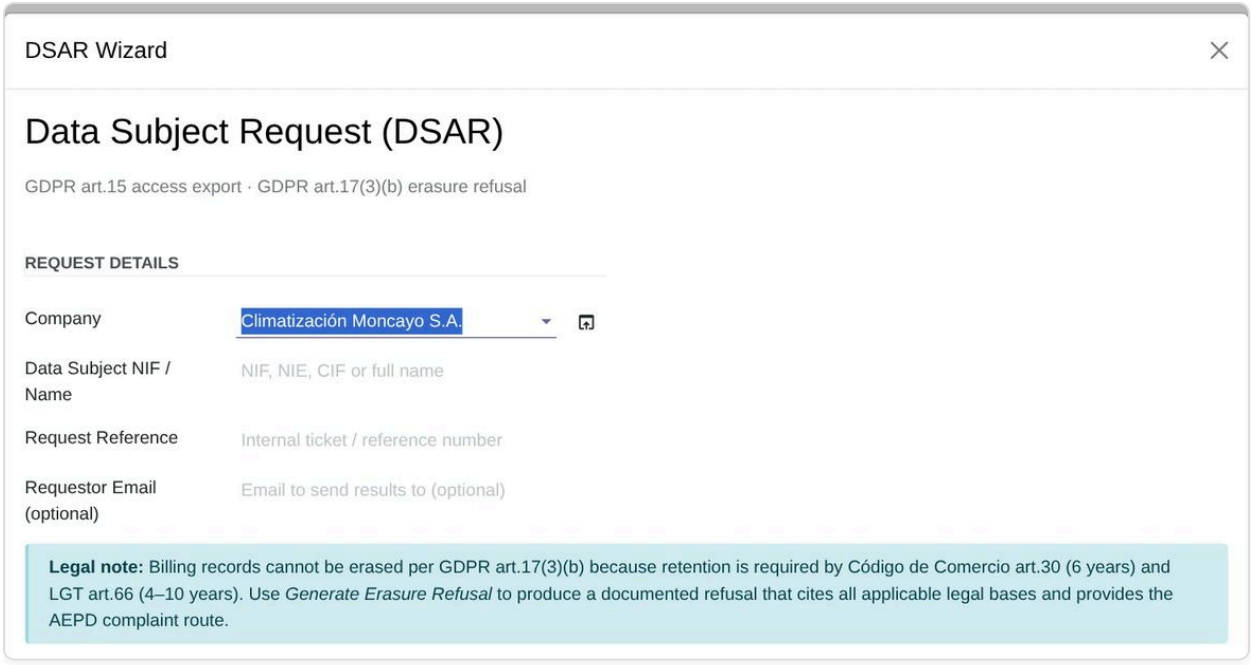


- **Real Odoo 20 screenshot.** Wizard for exporting compliance records.

In the export wizard you choose the parameters and click the button. In the GDPR requests wizard you enter the details of the person requesting access or erasure and click the corresponding button. Both are closed with **Close**.

Export records

Company	The company you are exporting from. It comes with the active company.
Date From and **Date To**	The period exported. By default, from 1 January of the current year to today.
Export Type	**Libro de Registros de Facturación**, **Event Log**, **Chain Integrity Report** or **Full Evidence Pack (Libro + Eventos + Declaración)**. It comes with the first.
Output Format	**PDF**, **XML / JSON** or **PDF + XML/JSON**. It comes with the last.
Generate Export	Generates the export and leaves the file in **Result File**, within the **Result** group.



- **Real Odoo 20 screenshot.** GDPR requests wizard.

GDPR requests

Data Subject NIF / Name	The person's NIF or name. Required.
Request Reference and **Requestor Email (optional)**	The request reference and the email of the person submitting it. Both are optional.
Generate Access Export (art.15)	Exports that person's personal data. Leaves the files in the **Access Export (art.15)** group.
Generate Erasure Refusal (art.17)	Generates the document refusing erasure, with its legal basis. Leaves it in the **Erasure Refusal (art.17(3)(b))** group.

1. **Open the wizard**
   Go to **Verifactu / SIF › Privacy / GDPR › DSAR Wizard**.
2. **Identify the person**
   Enter their NIF or name in **Data Subject NIF / Name**.
3. **Generate the document**
   Click the access or erasure refusal button and download the file that appears.

> Neither wizard modifies the chain's records. An erasure request does not delete data: it generates a refusal document.

What each export contains

Libro de Registros de Facturación	The book of invoicing records for the period.
Event Log	The book of system events for the period.

Chain Integrity Report	A report on the integrity of the chain.
Full Evidence Pack (Libro + Eventos + Declaración)	Combines the records book and the event log into a single export.

Output formats

PDF	Generates the document as PDF.
XML / JSON	Generates the data as XML and JSON.
PDF + XML/JSON	Generates both. It is the value the wizard comes with.

Export wizard rules

- **Company**, **Date From**, **Date To**, **Export Type** and **Output Format** are required.
- **Result File** and **Result Filename** are read-only: the wizard fills them in when you click **Generate Export**.

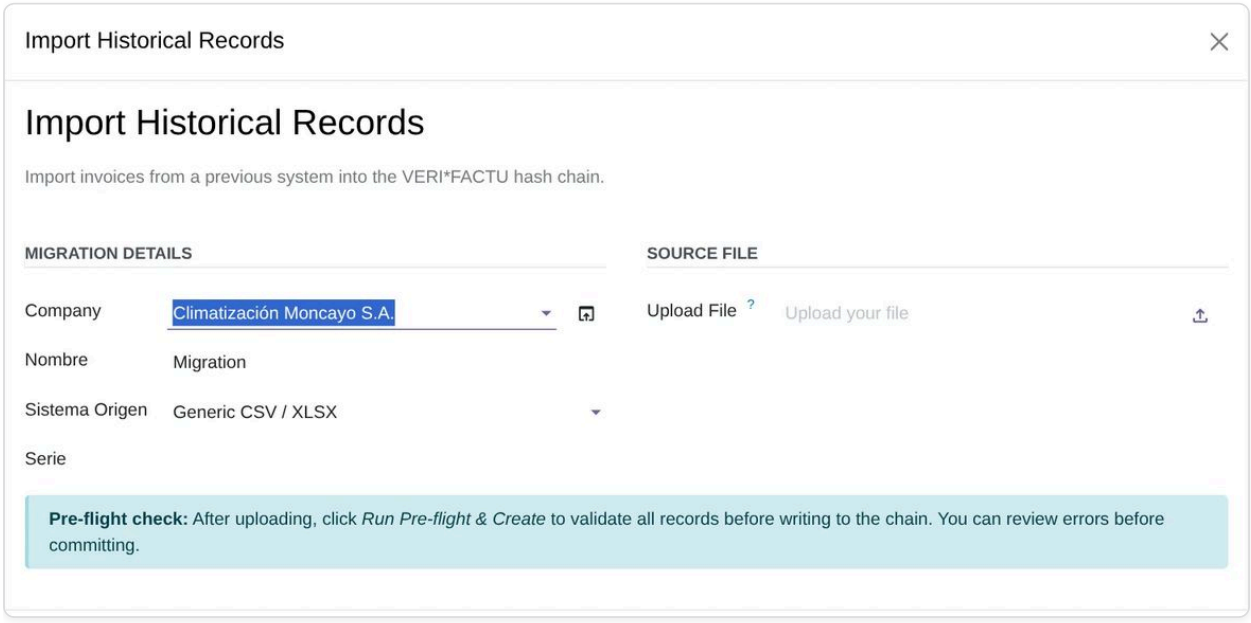
GDPR request rules

- Access exports the person's personal data without altering any record in the chain.
- The erasure refusal generates a document with a legal basis. It cites the European data protection regulation, the Commercial Code, the General Tax Law and the invoicing systems regulation. It also includes the complaint route to the AEPD.
- Each button leaves its file in the wizard, ready to download.
- **Data Subject NIF / Name** is required.

End-to-end example

1. **Open the export wizard**
   Go to **Verifactu / SIF › Reports & Exports › Export Wizard**.
2. **Adjust the parameters**
   Leave your company in **Company**, check the dates in **Date From** and **Date To**, and leave **Libro de Registros de Facturación** in **Export Type**.
3. **Choose the format**
   Leave **PDF + XML/JSON** in **Output Format**.
4. **Generate the export**
   Click **Generate Export**. The file to download appears in the **Result** group.

14 Import the invoice history



- **Real Odoo 20 screenshot.** The **Import Historical Records** wizard, with the company, source system, series and file.

The data starts from a file you upload in **Verifactu / SIF › Configuration › Import Historical Records**. There you choose the **Company**, the migration **Nombre**, the **Sistema Origen** and the **Serie**, and click **Run Pre-flight & Create**. A record is created that you can open later in **Verifactu / SIF › Configuration › Migration Runs**.

As source system you can choose **Holded**, **Sage 50**, **Sage 200**, **Sage Despachos**, **A3 ASESOR / a3ERP**, **Contasol**, **FacturaPlus**, **Quipu** or **Generic CSV / XLSX**.

Migration buttons

Run Pre-flight	Reads the file, validates the NIFs, checks the date order and flags problems. Only visible in **Draft** status.
Execute Import	Imports all lines into the chain. Only visible in **Pre-flight check** status.
Reset to Draft	Returns the migration to **Draft** so it can be reconfigured. Visible in **Pre-flight check** and **Failed**.

Statuses

The record goes through **Draft**, **Pre-flight check**, **Importing**, **Validating** and **Done**. If something fails, it ends up in **Failed**.

Steps

1. **Open the wizard**
   Go to **Import Historical Records** and fill in the details and the source file.

2. **Click Run Pre-flight & Create**
   The migration is created and the file is reviewed.

3. **Read the Pre-flight Log tab**
   There you see what the review flagged.

4. **Click Execute Import**
   The lines are imported and the chain is checked.

> You cannot run the import without having done the pre-flight review first, and you cannot start another migration while the chain is suspended. And note: what is imported enters the chain as new records and, in VERI*FACTU mode, is sent to the AEAT. If your previous software already registered those invoices in VERI*FACTU, the AEAT would have them twice: contact us before importing them.

What each status means

Draft	Starting point. Here you run **Run Pre-flight**.
Pre-flight check	The file has been read and reviewed. You can run the import or go back to **Draft**.
Importing	The import is in progress.
Validating	The chain is checked to confirm it is still intact after importing.
Done	The migration has finished.
Failed	Something went wrong. You can reset to draft.

Status of each line

Each line in the file has an internal status (pending, imported, with error or skipped) that does not appear on any screen in the module.

Rules and conditions

- With no file uploaded, the pre-flight review stops with «No file uploaded».
- If the file cannot be read, the message is «Could not parse file: ...», with the reason at the end.
- Running the import without having passed the review gives «Run pre-flight check first». It is only allowed from **Pre-flight check** or **Failed**.
- If the chain is already suspended, you cannot start another migration: «Chain is already suspended. Cannot start another migration».
- If the chain fails the integrity check after the import, you get «Migration failed: chain integrity break at record ...», with the record where it breaks.
- You can only reset from **Pre-flight check** or **Failed**: «Can only reset from preflight or failed state».

During the import the module suspends the chain, imports all lines, verifies the chain and reactivates it. That is why two migrations at the same time are not allowed.

Record fields and tabs

Source	Group with the source system and the uploaded file.

Results	Group with the migration figures: **Total Records**, **Registros Importados**, **Registros Con Error**, **Fecha Inicio** and **Fecha Fin**.
Pre-flight Log	Tab with the result of the pre-flight check.
Migration Lines	Tab with the lines of the file.

To find old migrations, the list filters by **Draft** or **Failed** and groups by **Sistema Origen** or by **Company**.

End-to-end example

You have a year's invoices in a Holded file. You go to **Import Historical Records**, enter a **Nombre**, choose **Holded** as the source system, choose your **Serie** and upload the file. You click **Run Pre-flight & Create** and the record opens at **Pre-flight check**. You read **Pre-flight Log**. If everything is fine, you click **Execute Import** and wait for **Done**, with the totals in **Results**. If it stays at **Failed**, you fix the file and use **Reset to Draft**.

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15 The data that goes out and comes back

DATA	DIRECTION	WHEN
Pending billing records, in a single request per company (up to 1,000 records)	From Odoo to AEAT	With the task **Verifactu: Process Submission Queue**, every minute, also for failed submissions you requeue
AEAT's response for each record and waiting time until the next submission	From AEAT to Odoo	With each submission from the queue
AEAT's time, to measure clock drift	From AEAT to Odoo	With the task **Verifactu: Clock Drift Check**, every hour, and with the button **Check Clock Drift**

Your invoices and their records go from your Odoo to the AEAT with your certificate, to the test or production service depending on the environment: they do not pass through our servers. FlexigoTech Cloud, in Germany, only receives module health counts when something fails, with no invoice numbers or NIFs. With the plan, FlexigoTech Cloud watches the module's official sources every day, warns you when they change and keeps a calendar of their deadlines.

MODULE GUIDE · VERI*FACTU

16 What happens automatically

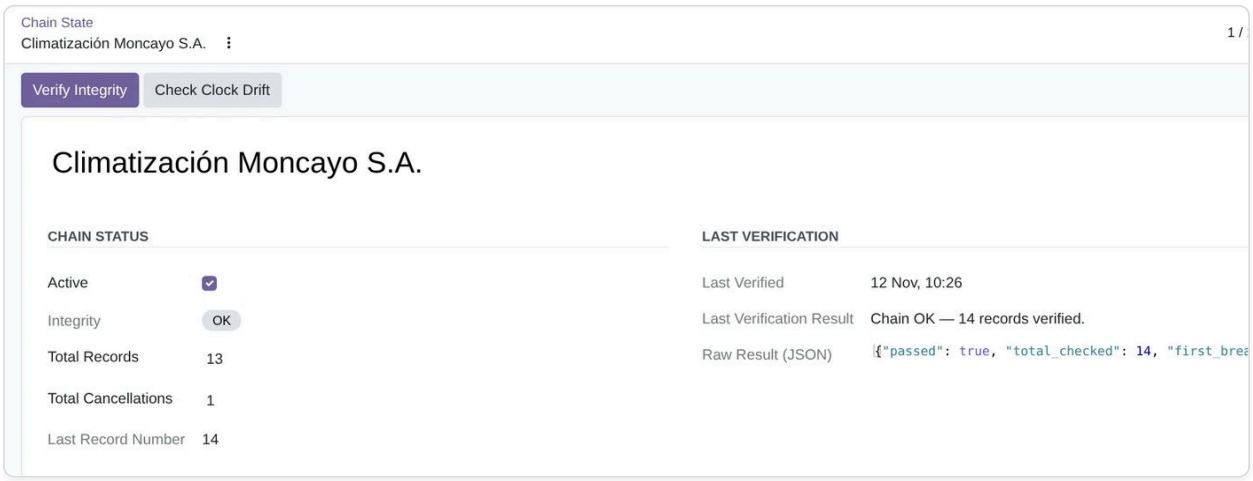
TASK	FREQUENCY	WHAT IT DOES
Verifactu: Process Submission Queue	Every minute	Sends the pending records from the submission queue to the AEAT, per company.
Verifactu: Nightly Integrity Check	Every day	Verifies the integrity of each active chain.
Verifactu: Certificate Expiry Alert	Every day	Checks certificate expiry dates and warns when one is approaching.
Verifactu: Alert Escalation to In-App Banner	Every 5 minutes	Turns alerts that nobody has confirmed within 5 minutes into a banner inside Odoo.

TASK	FREQUENCY	WHAT IT DOES
Verifactu: Clock Drift Check	Every hour	Checks, for each active chain, the deviation of the clock from the AEAT's time.
Verifactu: Asesoría Cockpit RAG Refresh	Every 5 minutes	Creates any missing chains and refreshes the status of the asesoría dashboard.
Verifactu: Compliance Digest Email	Every day	Sends the compliance digest, according to the configured frequency.

Frequencies are changed in **Scheduled Actions**, within Odoo's technical settings, with developer mode enabled.

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17 The chain options and how they are set



- **Real Odoo 20 screenshot.** Form of a chain opened from **Chain State**.

OPTION	WHEN CREATED	WHAT IT DOES
Active	On	While it is on, the chain accepts new records. The import of old invoices turns it off while it works and turns it back on when it finishes; while it is off, it does not accept new invoices: Odoo shows «Chain is suspended for migration. Cannot append new records» Cancellations are still accepted.
Company	The company for which the chain is created	Indicates which company the chain belongs to. It is mandatory and each company has its own chain.

Nothing else is chosen in the chain: the rest you see is data filled in by the system. **Last Hash** and **Last Record Number** are read-only, and **Total Records** and **Total Cancellations** count what has been recorded so far.

What is done by hand

The chain has two buttons, visible only to the **SIF Manager** group. They are at the top of the form.

TAB OR GROUP	BUTTONS
Top of the form	**Verify Integrity**: checks the whole company chain now. **Check Clock Drift**: compares the server clock with the AEAT's time and says how far it deviates, or that it could not check.

The rest of the form is divided into read-only groups.

Chain State	Summarises the state of the chain: **Active**, the record and cancellation counter, and **Integrity**, which is **OK**, **Broken** or **Unchecked**.
Last Verification	Stores when it was last verified (**Last Verification**), the summary of the result (**Last Verification Result**) and the raw result (**Raw Result (JSON)**). The **Verify Integrity** button fills these in.
Compliance Cockpit	Gathers the dashboard figures: **% Submitted on First Attempt**, **Oldest Unresolved Error**, **Certificate Expiry (days)**, **Last Successful Submission** and **Last Event**. They are calculated automatically.
Chain Anchors	Shows the first record of the chain (**Genesis Record**), the last hash and the last record number, all read-only.

The asesoría console sorts the chains from worst to best status and filters them by **Red**, **Amber** or **Green**, by **Awaiting AEAT** or by certificates expiring within 60 days or less. The list **All Chain States (Asesoría)** only searches by company.

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18 Security and personal data

- The certificate with which your Odoo identifies itself to the AEAT is stored encrypted (AES-256-GCM), with a different key for each company. If several companies coexist in the same database, one company's secret does not open another company's certificate.
- The permission for FlexigoTech Cloud is accepted by an administrator of your company. The company name, the email of the person accepting, the date and the version of the accepted text are stored.
- Access is divided into six user groups: **SIF Manager**, **Accountant**, **Auditor (read-only)**, **Privacy Officer**, **Asesoría Operator** and **POS Operator**. Retrying submissions and verifying chain integrity is reserved for the **SIF Manager** group.
- Permissions on the module's models are divided across 52 access rules.
- The compliance digest email is sent as a separate message to each recipient and only includes the companies that concern them. A client never sees another client's status or their contact address.
- To respond to someone requesting their data, the GDPR wizard exports their personal data without altering any chain record. Deletion is refused when the law requires those records to be kept.
- FlexigoTech Cloud receives the health status of submissions, and only when something has failed: counts and error codes, with no invoice numbers or NIFs. It is sent only when the database is connected and the permission is in force.

Audit and control

Every day the chain of each active company is traversed to check that no record has changed, and every hour the server clock is checked. If the certificate is about to expire, the daily alert tells you. Switching between test

and production requires you to type the company's NIF again in the environment switch wizard.

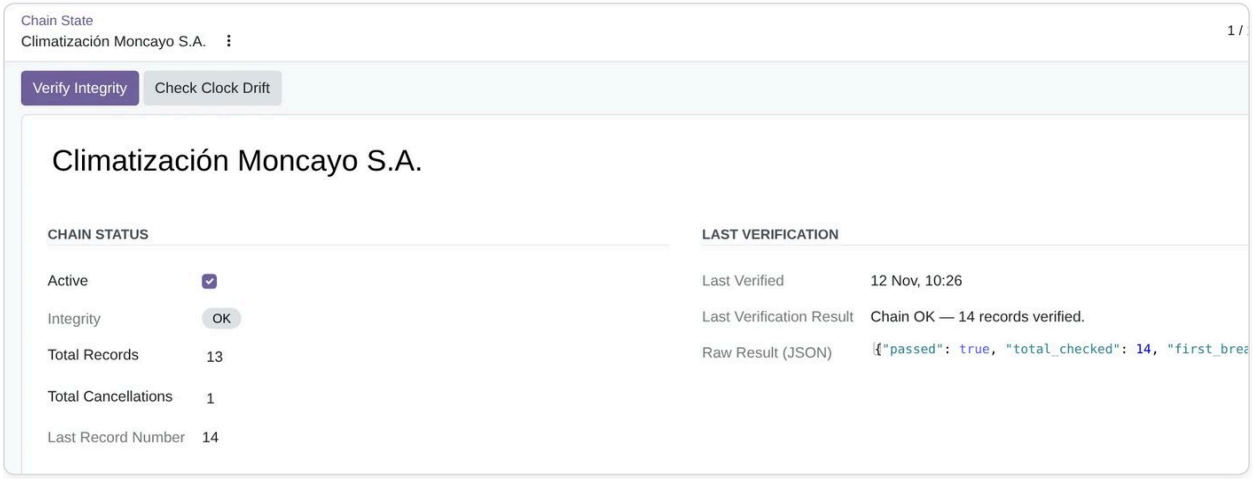
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19 Several chains and several companies

Each company has a single chain. It is created when the module is installed and, if missing, when the first invoice is posted or in the console pass, every 5 minutes. The chains can be seen at **Verifactu / SIF › Compliance Records › Chain State**. The company form has a **Verifactu / SIF** tab with its options, grouped into **Scope**, **Go-live Readiness & Deadline**, **Responsible Person**, **Submission Settings** and **Asesoría**.

Each chain submits its records separately: the queue processes each company with its own submission data. An adviser with several companies manages them from a common console.

One company's data is never mixed with another's. An invoice from another company is rejected with the message «La factura … pertenece a otra compañía» and diagnostics can only be run for companies you have access to.



- **Real Odoo 20 screenshot.** Screen of a company's chain.

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20 If something goes wrong

There is a certificate error	It says «No active certificate for company …» if there is no active certificate, and «The certificate … of company … has expired» if it has expired. Upload a valid one. A daily scheduled job, **Verifactu: Certificate Expiry Alert**, warns you about expiries.
The certificate file does not upload	Check the password: «Invalid PFX or wrong password: …». If it says «The certificate file has no private key or no certificate», the file is incomplete.
When retrying a submission you get a permissions error	Only a user in the **SIF Manager** group can retry submissions: «Only a SIF Manager can retry AEAT submissions.»
A record is not created	If the company's chain is suspended for a migration, it accepts no new records: «Chain is suspended for migration. Cannot append new records»
You want to know what the AEAT replied	Failed submissions and those that have not gone out are in the error tray. From there you can retry the selected ones or all the pending ones.

The scheduled action **Verifactu: Process Submission Queue** runs every minute and retries pending submissions. When something fails, the module sends a count of failures to FlexigoTech Cloud for monitoring, included in your plan, at most once every 15 minutes.

Other notices you may see

«Una factura de canje (F3) exige identificar al destinatario con su NIF (validación AEAT 1189). Informe el NIF del cliente»	Fill in the customer's NIF on the invoice.
«Indique qué facturas simplificadas sustituye este canje: seleccione las F2 emitidas en Odoo o añada las referencias de tickets externos»	Mark the simplified invoices it replaces or add external references.
«La AEAT admite como máximo 1.000 facturas sustituidas por registro (FacturasSustituidas). Divida el canje»	Spread the substituted invoices across several replacements.
«La factura … no tiene registro VeriFactu. Solo pueden canjearse simplificadas ya registradas; para tickets anteriores a VeriFactu use las referencias externas»	For tickets prior to VeriFactu, use the external references.
"Company %s has no NIF for Veri*Factu."	Enter the company's NIF.
«NIF confirmation does not match company NIF "…". Please type the exact NIF to confirm the environment switch»	Type the company's NIF exactly to confirm the environment change.
«The AEAT Endpoint URL must start with https://»	Correct the AEAT service address so that it starts with https://.
"Record %s has no tax breakdown (Desglose) to declare."	The record has no tax breakdown to declare. Check the taxes on the invoice.

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21 Other ways of doing it

OPTION	WHAT IT MEANS
The VERI*FACTU that ships with Odoo (l10n_es_edi_verifactu)	Included in Odoo Community from version 17. Use only one of the two in each company: with both active, the same invoice could reach the AEAT twice.

OPTION	WHAT IT MEANS
Invoicing with another program	The invoice is issued outside Odoo and then has to be brought into accounting.
This module	Every customer invoice or credit note you post is chained, carries its QR code and goes to the AEAT automatically, with a diagnostic tool, a console for accountancy firms and the import of older invoices. It is used with a FlexigoTech Cloud subscription.

If you already use another tool, the module includes a historical migration from 9 source systems, among them Holded, Sage 50/200 and A3. In VERI*FACTU mode, what is imported goes to the AEAT: if your previous program already registered it, write to us first. You start it from **Verifactu / SIF › Configuration › Import Historical Records** and it is logged in **Verifactu / SIF › Configuration › Migration Runs**.

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22 Plans and pricing

€9

License per Odoo version.

+ FlexigoTech Cloud

STANDARD

€29/month

or €290 a year

- We watch its official sources every day
- Official deadlines, inside your Odoo
- We alert you if the module fails
- First response within 1 working day

PRO

€58/month

or €580 a year

- Everything in Standard
- 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 require a card.

23 Frequently asked questions

Does it work without FlexigoTech Cloud?

No. You need the 14-day trial or a subscription.

Does the AEAT approve it?

The AEAT does not certify programs. Their makers sign a declaration of responsibility that they comply (article 13 of the regulation).

Is there a free trial?

Yes, the FlexigoTech Cloud trial lasts 14 days and does not require a card.

How much does the module cost?

The module license costs €9 per Odoo version. The module is used with the FlexigoTech Cloud subscription, which starts with a 14-day trial with no card required.

How much does the FlexigoTech Cloud service plan cost?

Excluding VAT, the Standard plan costs €29 a month or €290 a year, and the Pro plan €58 a month or €580 a year.

What does the service plan provide for this module?

It monitors the module's official sources every day, alerts you when they change, keeps a calendar of its deadlines and runs a health check on the module.

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.

Does it need Odoo Enterprise?

No. It needs the base, account, account_edi, l10n_es, mail and flexigotech_cloud modules, and works on both Community and Enterprise.

Which Odoo versions does it work with?

Published branches exist for Odoo 17, 18, 19 and 20.

Can I manage several companies?

Yes. Each company has its own chain, and the queue sends each one's records with its certificate, its NIF and its environment. An accountant with several companies manages them from a shared console.

How often is the queue sent to the AEAT?

A scheduled action processes the queue every minute.

How many records fit in one submission?

Each company's pending records go out in a single request, which accepts up to 1,000 records.

When is an invoice's record created?

The registration record is created when the invoice is posted, and the cancellation record when it is cancelled, without you pressing anything else.

What happens if a submission fails?

It retries automatically. If the retries run out, the entry is left in **Dead Letter** and the responsible person is alerted by email and with an activity.

Who can retry a failed submission?

Only someone in the **SIF Manager** group. Otherwise, Odoo shows «Only a SIF Manager can retry AEAT submissions.».

What certificate do I need?

Your company's certificate, in .p12 or .pfx, with its password. You upload it in **Verifactu / SIF › Configuration › Certificates**.

How is the certificate stored?

Encrypted, with a different key for each company. One company's certificate cannot be opened with another company's secret.

Does it warn me when the certificate is about to expire?

Yes. A scheduled action checks it every day and warns you as the expiry approaches.

Can I delete or edit a record once it has been created?

No. A registration or cancellation record cannot be deleted and its chain fields cannot be changed. To correct something, a cancellation record is issued.

How is it checked that the chain has not been altered?

A scheduled action walks through each active company's chain every day, and the **Verify Integrity** button checks it on demand.

Is the server clock checked?

Yes. A scheduled action compares the server clock with the AEAT's time every hour.

What about invoices issued before installing it?

The module includes a historical migration from 9 source systems, among them Holded, Sage 50/200 and A3. In VERI*FACTU mode, what is imported goes to the AEAT: if your previous program already registered those invoices, write to us before importing them.

Can I import my invoices from another program?

Yes. In **Verifactu / SIF › Configuration › Import Historical Records** you upload the file and press **Run Pre-flight & Create**. Then it is reviewed and imported.

Can I issue a simplified invoice?

Yes: tick **Factura simplificada (F2)** on the invoice and it goes out without a recipient. The AEAT does not accept an F2 above €3,000 (its validation 1150). With **Canje de simplificadas (F3)** you can replace simplified invoices already declared.

How many simplified invoices can one replacement cover?

Up to 1,000 substituted invoices per record.

What is the diagnostic panel?

It checks seven points and tells you which one to fix first. It only reads, it does not correct anything.

Does it cover the foral territories?

No. Companies in the foral territories (Basque Country and Navarre) have their own system, and the wizard does not let you activate it.

Is it suitable for companies obliged to use the SII?

No. If your company is obliged to use the SII it falls outside VERI*FACTU and the module does not let you configure it.

What are the deadlines?

The BOE currently sets 1 January 2027 for those who pay Corporation Tax and 1 July 2027 for everyone else. On 5 October 2026 the Spanish Ministry of Finance announced it plans to postpone this until October 2028; until it appears in the BOE, the 2027 dates apply. The module shows your date and the days remaining.

What if I already use the VERI*FACTU that ships with Odoo?

Use only one of the two in each company: with both active, the same invoice could reach the AEAT twice.

How well tested is it?

It has 361 automated tests on Odoo 20 and was tested against real responses from the AEAT's test environment and its official schemas (XSD); a submission with a real certificate is still pending.

Who pays third-party costs?

You do. Odoo, hosting and your electronic certificate are contracted and paid for by you.

What happens if I uninstall the module?

Odoo removes the module and deletes its tables: the records, the chain and the event log. Before that, export your records with the export wizard: the law requires you to keep them.

Do you set up the module for me?

No. Configuring it for you and migrating the database to another Odoo version are outside the service, but we help you set it up with your plan's support.

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24 Glossary

AEAT	The Spanish Tax Agency (Agencia Estatal de Administración Tributaria), which receives the invoicing records the module sends.
VERI*FACTU	The modality of the regulation for computerised billing systems in which the software sends each billing record to the AEAT. Invoices carry the QR code with the legend VERI*FACTU.
Computerised billing system	The software used to issue invoices. Here, Odoo with this module.
Chain	The sequence of records for a company, each one linked to the previous one. Each company has its own, in **Verifactu / SIF › Compliance Records › Chain State**.
Hash	Code that identifies each record and links it to the previous one. If anything changes, the chain stops matching.
Registration record	The record created when an invoice is posted. It is chained to the company's earlier records and can be seen in **Verifactu / SIF › Compliance Records › Billing Records**.
Cancellation record	The record added to the chain when an invoice is cancelled. It can be seen in **Verifactu / SIF › Compliance Records › Cancellation Records**.
Record number	The position each record holds within its chain.
QR code	Image generated for each record and shown on the invoice PDF, carrying the AEAT verification address.
Submission queue	List of records waiting to be sent to the AEAT. The task **Verifactu: Process Submission Queue** processes it every minute.
Retry	A new attempt to send after a failure. Each entry notes the number of **Attempts** and when it will be retried under **Proximo Reintento**.
Undelivered	Status of a queue entry that has failed six times and is no longer retried automatically. The person in charge is notified.
Certificate	Your company's electronic certificate, in .p12 or .pfx format and with its password, which you upload in **Verifactu / SIF › Configuration › Certificates**. It is stored encrypted.
Chain integrity	A check that no record has been altered. The task **Verifactu: Nightly Integrity Check** runs it every day and, whenever you like, the **Verify Integrity** button does too.
Clock drift	The difference between the server's time and the AEAT's time. The task **Verifactu: Clock Drift Check** checks it every hour and, whenever you like, the **Check Clock Drift** button does too.
Event log	The record of what happens in the system. It cannot be modified or deleted. It is in **Verifactu / SIF › Audit Trail › Event Log**.
Responsible declaration	The declaration signed by the software manufacturer to state that it complies with the regulation (article 13). The AEAT does not approve software.
Simplified invoice (F2)	An invoice without a recipient. The AEAT does not accept an F2 over €3,000 (its validation 1150). It is flagged with **Factura simplificada (F2)**.
Exchange of simplified invoices (F3)	An invoice that replaces simplified invoices already issued and reported, without correcting or cancelling them. It is flagged with **Canje de simplificadas (F3)**.
Advisory console	Dashboard showing the chains of several companies, sorted by compliance status, in **Verifactu / SIF › Asesoría Console › Compliance Cockpit**.

FlexigoTech Cloud	FlexigoTech's service that checks the module's official sources every day, with a schedule of deadlines and a health check. The module is used with the subscription or with the 14-day free trial, no card required.

25 Checklist and contact

- [ ] Your company does not use the SII or is in a foral territory: in those cases the wizard will not let you activate VERI*FACTU.
- [ ] You have your company's electronic certificate, in .p12 or .pfx format, and its password.
- [ ] You use Odoo 17, 18, 19 or 20 on Odoo.sh or on your own server, not on Odoo Online, which does not allow installing third-party modules.
- [ ] A person with administrator rights installs the module.
- [ ] You have activated the 14-day free trial, no card required, or the FlexigoTech Cloud subscription.
- [ ] In **Verifactu / SIF › Compliance Records › Chain State** your company's chain appears, with **Active** ticked.
- [ ] You have gone through **Verifactu / SIF › Configuration › Setup Wizard** and clicked **Configure**.
- [ ] You have uploaded the certificate with its password in **Verifactu / SIF › Configuration › Certificates** and activated it.
- [ ] In **Verifactu / SIF › Diagnostics** no check is showing **Fail** or **Warning**. If one is, click its button, fix it and click **Refresh**.
- [ ] You have posted a test invoice and its registration record appears in **Verifactu / SIF › Compliance Records › Billing Records**, chained and with its QR code.
- [ ] The record from the first submission ends at **Aceptado AEAT** and nothing appears in **Verifactu / SIF › AEAT Submission › AEAT Errors**.

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 module page, with the guide and the prices.
flexigotech.com/en/spain-verifactu.html

On Odoo Apps

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

VERI*FACTU is the name of the Spanish Tax Agency's system. FlexigoTech publishes this module on its own: it is not an AEAT product and the AEAT does not endorse it. FlexigoTech is a brand of Flexibles y Accesorios Gobe, S.L. (Barcelona, Spain).