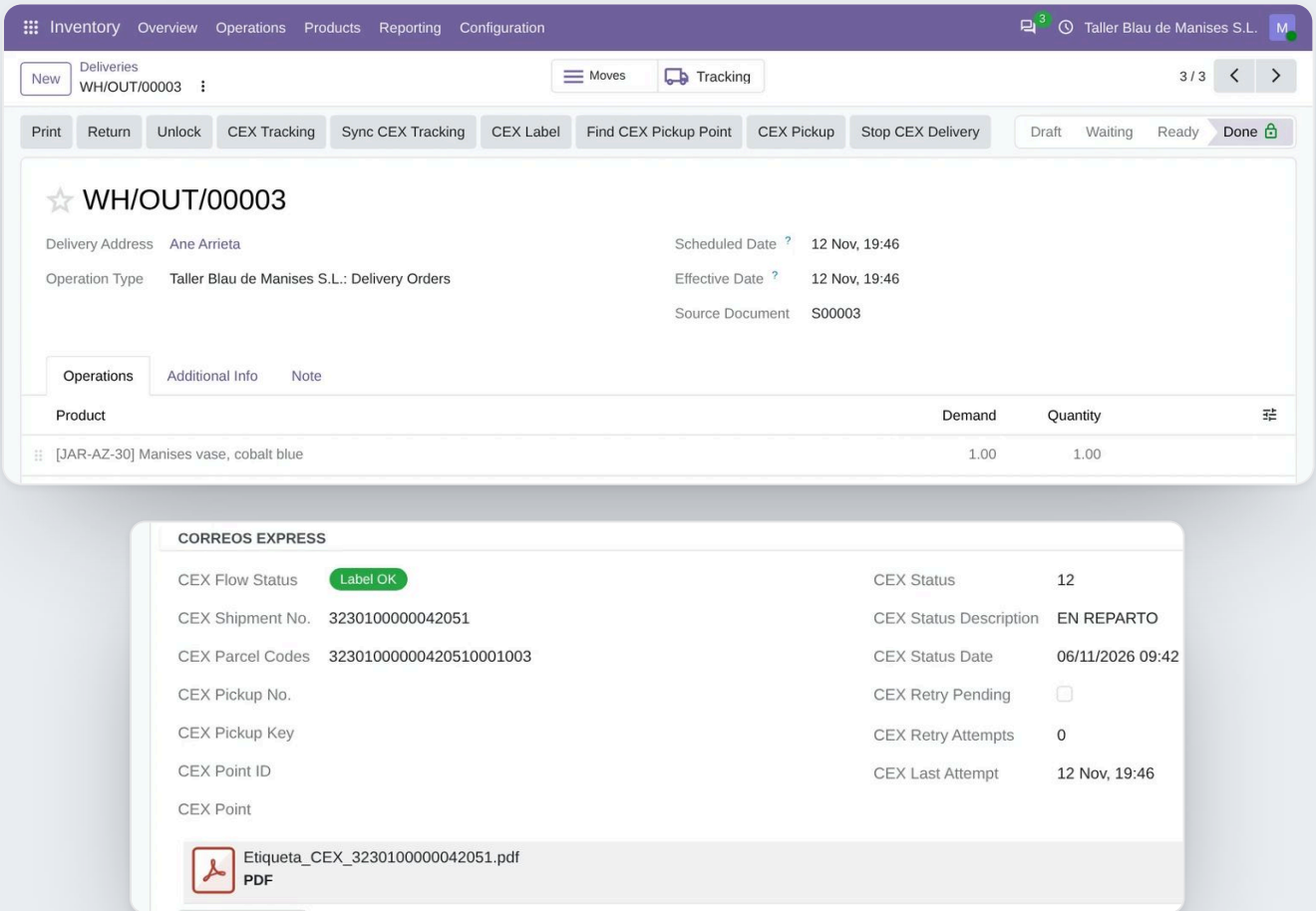
USER MANUAL · SHIPPING AND CARRIERS

Correos Express connector for Odoo

For those who already have the connector: install it, activate it, connect it, set it up and use it, step by step.

Module version 20.0.3.1.7 | Odoo 20 screenshots | Edition of 15-11-2026



Real Odoo 20 screenshot. A Odoo delivery sent with Correos Express and, in front, its block: the shipment number, the parcels, the status given by Correos Express and the label.

Contents

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

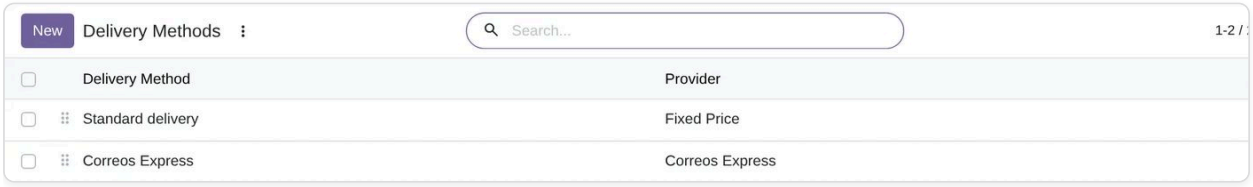
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This manual describes version 20.0.3.1.7 of the module (Odoo branch 20.0, commit 1960692). Everything it says comes from its code: menus, buttons, fields, scheduled actions and error messages.

The screenshots come from a test Odoo 20 database, with a made-up company and data and no real connection to Correos Express. In Odoo 17, 18 and 19 the module has its own version: if something on your screen does not match, write to us.

1 What it is and where it lives

The connector adds Correos Express as a provider of Odoo's delivery methods. When you validate a delivery with a Correos Express method, the shipment is created in Correos Express, the label is attached to the delivery and the package status goes back to Odoo.



- **Real Odoo 20 screenshot.** **Delivery Methods**: the Correos Express one, next to the one for **Fixed Price**.

Inventory › Config › Delivery Methods	The Correos Express carrier, with its tabs: **Credentials and Environment**, **Operation and Product**, **Guided validation** and **Technical diagnostics**.
The delivery	At the top, the Correos Express buttons; below, the Correos Express block with the shipment number, the parcel codes, the status and the label.
The deliveries list	**Send to Correos Express**, in the actions menu, sends several at once (with manual shipping switched on in the carrier).
Sales	The sales order shows the **CEX History** button.

There is no separate menu: everything lives in the Odoo screens you already use to ship.

In Odoo Apps there are two listings: flexigobe_correos_express, the connector, and correos_express_connector, the entry under its old technical name. The second only installs the first and adds nothing.

2 Before you start

This is what you need before installing. The connector is the Odoo part: the contract with Correos Express is yours.

- A contract with Correos Express and access to its API: the user and password, the customer code and the requester code. Correos Express gives you these.
- The products you have contracted (PAQ 24H, ePAQ24, Paq Punto…). If you use Paq Punto (B-PACK), the external point ID.
- Odoo 17, 18, 19 or 20, on Odoo.sh or on your own server, not on Odoo Online. It works on Community and on Enterprise.
- An Odoo administrator: accepts the FlexigoTech Cloud data list and the carrier checkbox.
- Your company details up to date: Correos Express receives its address, phone and email as the sender.

> The connector does not register your account with Correos Express or subscribe you to its API services: Correos Express does that.

3 Installation

The module is installed like any third-party Odoo module. An administrator is required.

How to get it

From its page in Odoo Apps (**https://apps.odoo.com/apps/modules/20.0/flexigobe_correos_express**) or from the connector's page on flexigotech.com. Choose the Odoo version you use: each version is a separate module.

The module depends on `flexigotech_cloud`, the connection to FlexigoTech Cloud. In Odoo Apps, the module page lists it under «Community Apps Dependencies» and its price is already included; it is free and has its own page (**https://apps.odoo.com/apps/modules/20.0/flexigotech_cloud**). Put both folders together in the same modules path and Odoo installs `flexigotech_cloud` at the same time.

On Odoo.sh

1. **Upload the folders to your repository**
   Copy `flexigobe_correos_express` and `flexigotech_cloud` into your project branch, in your modules folder, and push.

2. **Wait for Odoo.sh to build the branch**
   When it finishes, both modules are in the branch.

3. **Install the app**
   In **Apps**, click **Update Apps List** (with developer mode on), remove the **Apps** filter from the search bar (it is on by default and hides modules that are not apps, like this one), search for "Correos Express" and click **Activate**.

On your own server

1. **Copy the folders**
   Place `flexigobe_correos_express` and `flexigotech_cloud` in a folder that is in your Odoo `addons_path`.

2. **Restart Odoo**
   This lets it read the new modules.

3. **Install the app**
   In **Apps**, **Update Apps List**, remove the **Apps** filter from the search bar (it is on by default and hides modules that are not apps, like this one), search for "Correos Express" and click **Activate**.

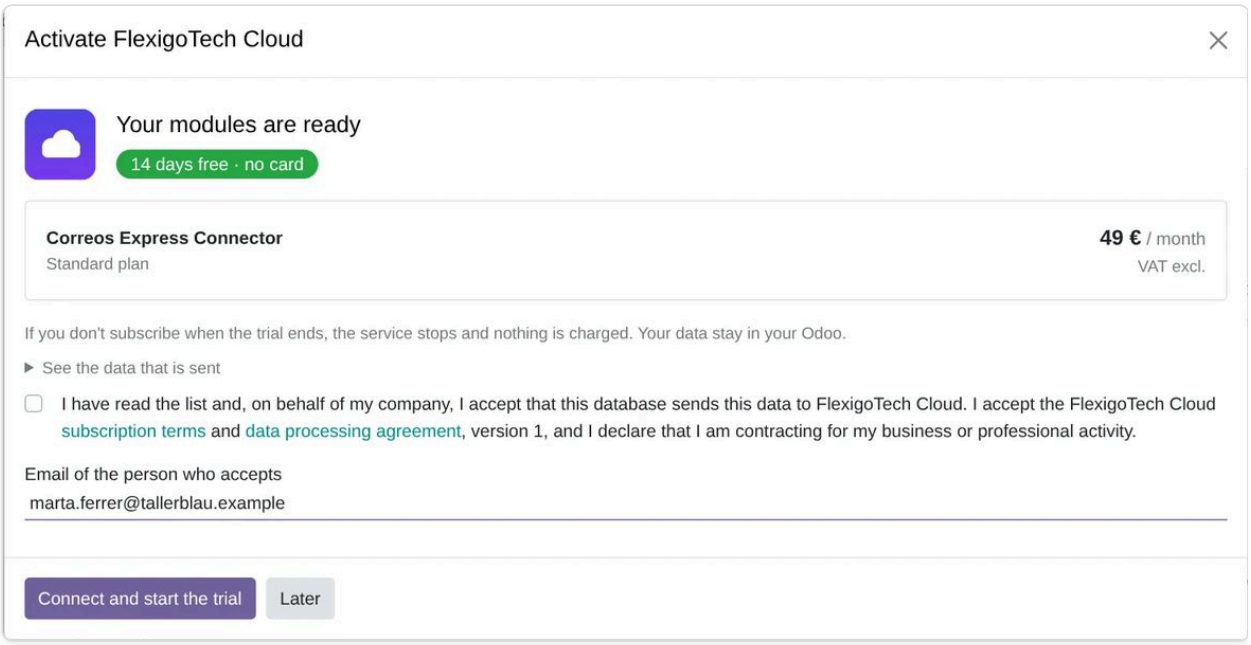
> When installed, Odoo also installs the apps the module depends on: Inventory and Sales. If you already use them, nothing you have changes.

4 Activating FlexigoTech Cloud: the 14-day trial

A new Correos Express carrier works through FlexigoTech Cloud: the password goes to the cloud once, encrypted, and every shipment, label, tracking, pickup and point search goes through it, which applies your credentials. Until the database is connected and the module has a trial or subscription, nothing reaches Correos Express.

1 Click Activate in the top bar

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



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

2 Accept and enter your email

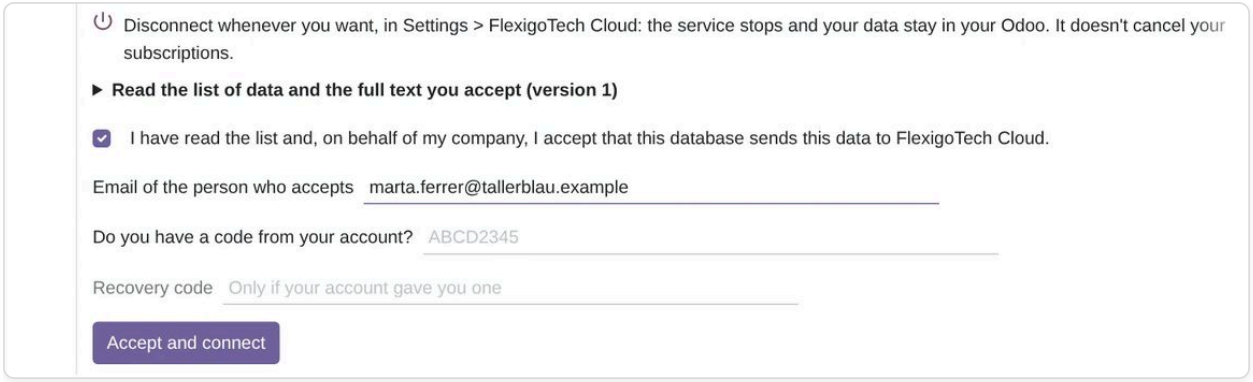
Tick "I have read the list and, on behalf of my company..." (it includes the subscription terms and the data processing agreement) and enter the **Email of the person who accepts**.

3 Click Connect and start the trial

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

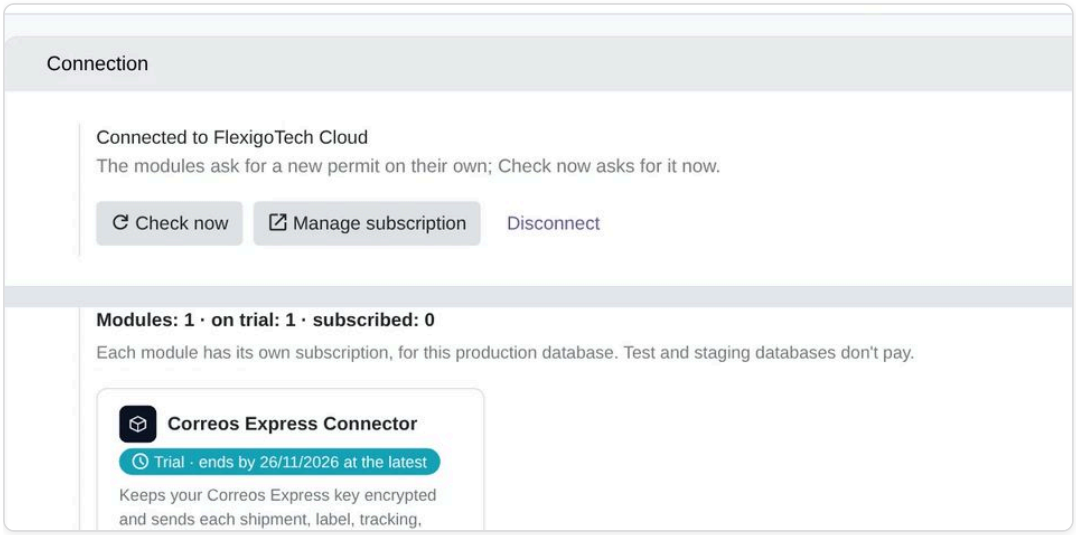
The same, from Settings

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 ticked box, 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.

PLAN	PRICE	INCLUDES
Standard	€49 a month or €490 a year	Support response within 1 working day, up to 3 accounts
Pro	€98 a month or €980 a year	Response within 4 working hours, up to 10 accounts and a video call if needed

Prices exclude VAT. If you don't subscribe when the trial ends, the service stops and nothing is charged; your data stays in your Odoo. **Check now** requests permission immediately (otherwise the module renews it on its own every 6 hours).

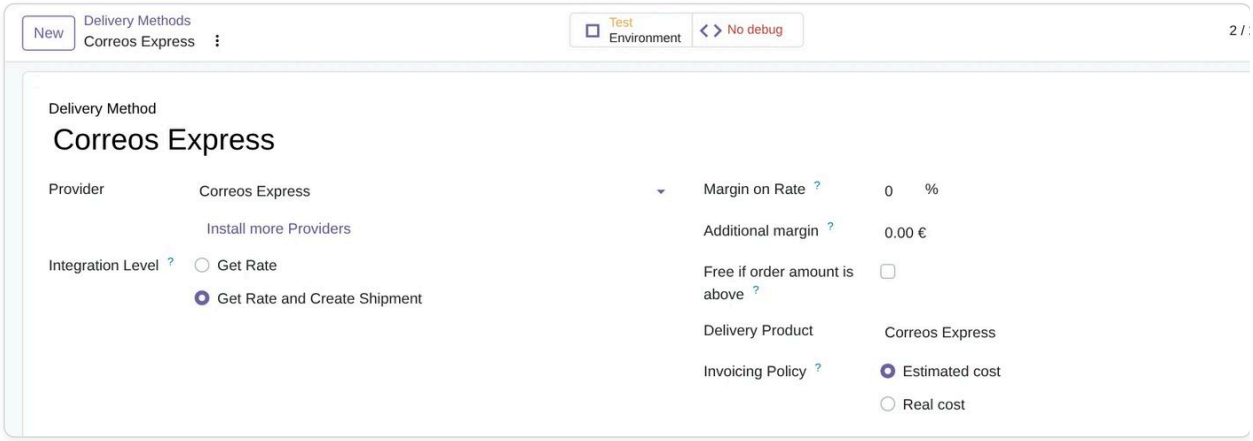
> On a neutralised copy (staging) or on a database with demo data you can't start a trial: Settings says "This database is a neutralised copy or has demo data, so trials can't be started here."

5 Create the carrier

Each Correos Express account is a delivery method with **Provider** Correos Express, in **Inventory › Config › Delivery Methods**.

1 **Click New and choose Correos Express in Provider**

Give it a name and leave **Integration Level** at **Get Rate and Create Shipment**: this way the shipment is created when the delivery is validated.



- **Real Odoo 20 screenshot.** The Correos Express delivery method: provider, integration level and the product on the shipping line.

2 **Check the environment**

Correos Express Environment starts at **Test Environment**. Leave it like that to test and switch to **Production Environment** when you are ready to ship for real. **Apply the environment URLs** sets the API addresses for that environment.

3 **Enter the user and codes**

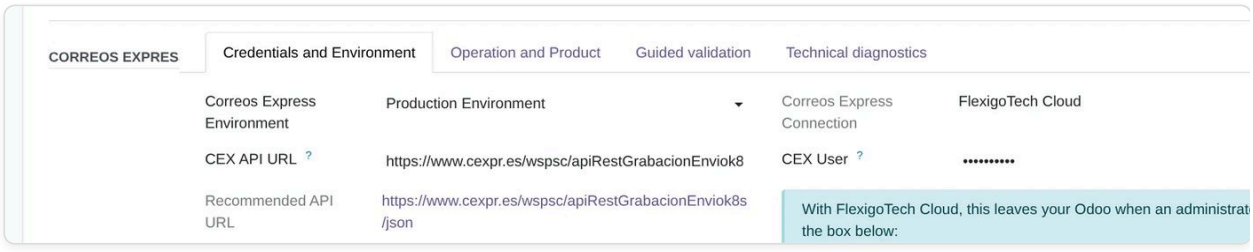
CEX User, **CEX Customer Code** and the requester code, exactly as Correos Express gave them to you.

4 **Read the notice and tick the box**

The blue box says what leaves your Odoo, where it goes and how long it is kept. Tick the FlexigoTech Cloud box. Only an administrator sees it.

5 **Enter the password and save**

In **Correos Express password for FlexigoTech Cloud**. On saving, it goes to the cloud with the user, and Odoo does not keep it.



- **Real Odoo 20 screenshot. Credentials and Environment**: the environment, the API addresses, **Correos Express Connection** and the user.

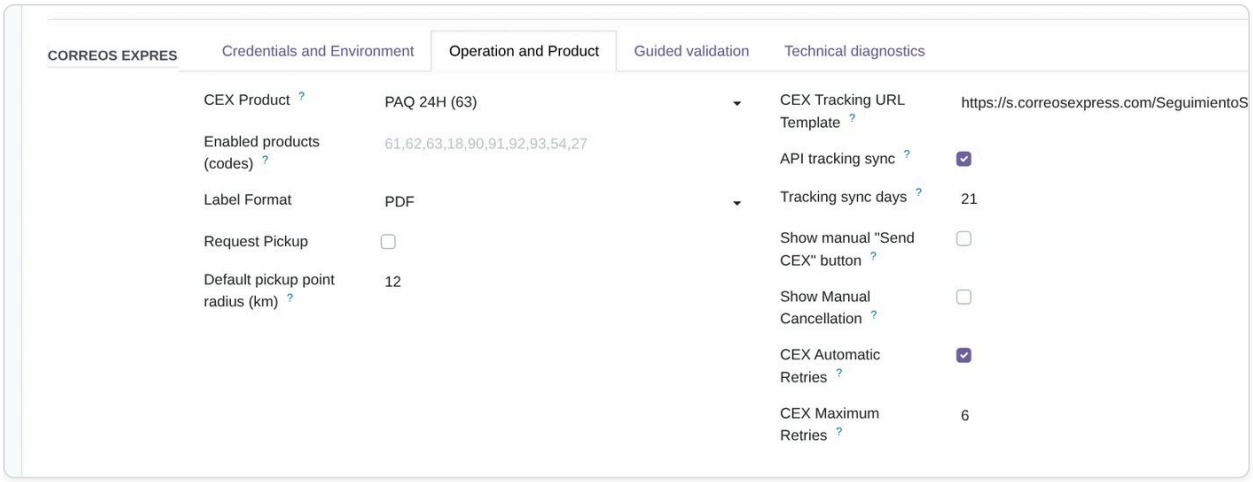
Check	Says whether the password is stored in the cloud and since when.
Delete my credentials from FlexigoTech Cloud	Deletes it from the cloud. The carrier can no longer call Correos Express until you save the password again.

> If you change the user or the environment, save the password again.

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6 The Correos Express product

The product is the Correos Express service that carries each shipment. It is chosen in the **Operation and Product** tab.



- **Real Odoo 20 screenshot.** **Operation and Product**: product, label format, pickup, point radius and tracking.

PRODUCT	CODE	WHAT FOR
PAQ 24H	63	The standard one: next-day delivery.
ePAQ24	93	Shipments to individuals.
PAQ 10H and PAQ 14H	61 and 62	Delivery before 10 or before 14.
PAQ Empresa 14H	92	Deliveries to businesses.
International Standard and Express	90 and 91	International shipments.
Paq Punto (B-PACK)	18	Delivery to a pickup point: asks for the external point ID.
Entrega Plus	54	Delivery with return.
Campaigns	27	Campaign shipments.

The list also includes Correos Express's legacy products (PAQ 48H, Islas Express, Canarias...), with the code they are sent under today. Use the one in your contract. In **Enabled products (codes)** you can enter the codes from your contract, separated by commas: the pre-validation checks that the chosen product is among them.

7 The carrier options

This is how the options appear when you create a Correos Express carrier:

OPTION	ON CREATION	WHAT IT DOES
Correos Express Environment	**Test Environment**	Test or live.
CEX Product	PAQ 24H (63)	The product for each shipment.
Label Format	PDF	PDF, ZPL or EPL.
Request Pickup	Off	Requests a pickup with each shipment.
Default pickup point radius (km)	12	The search radius for pickup points.
API tracking sync	On	Brings in the status of the shipments.
Tracking sync days	21	How many days back the status is fetched.
Manual Send CEX button	Off	Show it if you want to send the shipment before validating.
Show Manual Cancellation	Off	Shows **Cancel CEX** to record a cancellation made outside Odoo.
CEX Automatic Retries	On	A temporary failure is retried.
CEX Maximum Retries	6	How many times at most per delivery.
API Timeout (s) and Verify SSL	30 and on	Wait time and certificate check.
CEX Debug Mode	Off	Stores requests and responses for diagnosis.

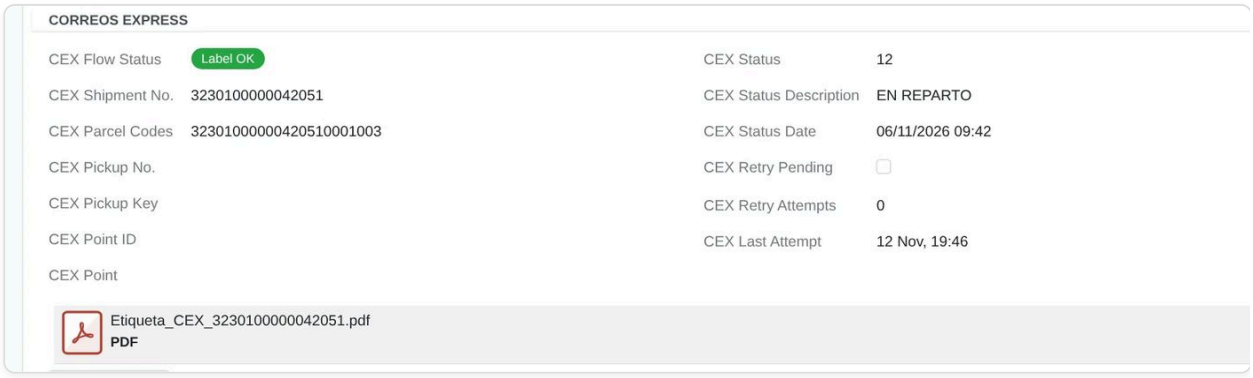
8 Send on delivery validation

With **Get Rate and Create Shipment**, the shipment is created in Correos Express at the moment you validate the delivery.

1. **Prepare the delivery**
   As usual in **Inventory**: products, quantities and, if you want, packages with their weight and dimensions.

2. **Click Validate**
   The connector sends the shipment to Correos Express: the recipient with their address, phone and email, your company as sender, the reference, and the parcels with their weight and dimensions.

3. **Check the Correos Express block**
   CEX Shipment No. and **CEX Parcel Codes**, one per parcel, and the attached label appear. **CEX Flow Status** changes to **Label OK**.



- **Real Odoo 20 screenshot.** The Correos Express block of a sent delivery: number, parcels, status and label.

A delivery does not create two shipments even if it is validated twice at the same time: the connector locks the row while it registers the shipment and, if it already has a number, does not send another.

> Odoo only creates the shipment on validation if the delivery's operation has **Generate Shipping Labels** turned on. **Delivery Orders** have it on by default; if you use another outgoing operation, check its configuration.

The label

The Correos Express label is attached to the delivery, in the carrier's format.

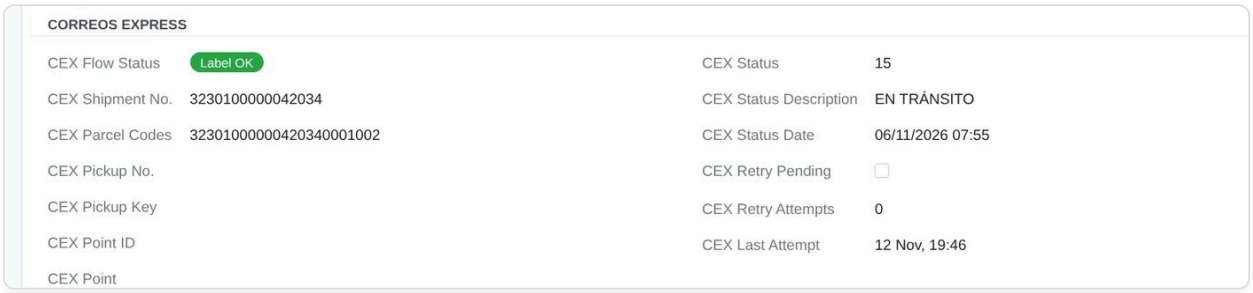
[[LABEL FORMAT]]	FOR WHICH PRINTER
PDF	Any printer; it is Correos Express's thermal label in PDF.
ZPL	Zebra and compatible thermal printers.
EPL	Thermal printers that speak EPL.

CEX Label	Downloads the attached label.
CEX Labels	Below, in the Correos Express block, the label attachments of the delivery.

The file is named Etiqueta_CEX followed by the shipment number, so it is easy to find among the attachments.

9 Shipment status

The connector retrieves the status of each shipment from Correos Express and records it on the delivery.



- **Real Odoo 20 screenshot.** A delivery in transit: **CEX Status**, **CEX Status Description** and **CEX Status Date**, as given by Correos Express.

The task	**CEX - Sync API tracking** checks the shipments from the last 21 days every 30 minutes.
Sync CEX Tracking	Checks immediately for that delivery.
CEX Tracking	Opens the Correos Express tracking page with the shipment number.

The status does not validate or change the delivery in Odoo: it is what Correos Express reports (in transit, out for delivery, delivered...), with its date. If you turn off **API tracking sync**, it stops being checked.

10 Pickup points and pickups

Correos Express also delivers to convenience points. The connector finds them from the delivery.

1. **Click Find CEX Pickup Point**
   On the delivery. The search opens with the recipient's postcode, city and address.
2. **Adjust and search**
   The radius comes at 12 km and up to 20 points are shown. Click **Search Points**.
3. **Choose one and apply it**
   The chosen point is recorded on the delivery (**CEX Point ID** and **CEX Point**) and in the history. It is used for the Paq Punto (B-PACK) product.

> The chosen point is also saved as the carrier's **External Point ID (B-PACK)**: check it before sending to another point.

Pickups

Correos Express can come and collect the parcels. There are two ways to request it.

With each shipment	Turn on **Request Pickup** on the carrier: each shipment requests its pickup.
From the delivery	**CEX Pickup** opens the management of the pickup for that delivery.

OPERATION	WHAT IT DOES
Book pickup	Books the pickup for a date and a time slot (from 09:00 to 18:00 on entry).
Modify pickup	Changes the date or time slot of a booked pickup.
Cancel pickup	Cancels it.
Check cut-off time	Asks until what time orders can still be placed for same-day dispatch in your postcode.
Pickup tracking	Shows how the pickup is progressing.

The pickup number and key are kept on the delivery: **CEX Pickup No.** and **CEX Pickup Key**.

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11 Stopping or cancelling a delivery

A shipment that has already gone out cannot be deleted: you ask Correos Express to stop the delivery.



- **Real Odoo 20 screenshot.** **Stop CEX Delivery**: the delivery, its tracking, the reason and a comment.

1. **Click Stop CEX Delivery**
   On the delivery with a shipment number.

2. **Choose the reason**
   Customer request, **Address issue**, absence or holiday, duplicate or other, and add a comment if you like.

3. **Click Request Stop**
   The request goes to Correos Express and the delivery's history records it.

Cancelling the shipment from Odoo does the same: it requests the stop through the API. If your contract does not include that service, the delivery is marked as a cancellation requested by hand, so you can handle it with Correos Express.

If you cancel by phone or on the Correos Express website, turn on **Show Manual Cancellation** and log it with **Cancel CEX**, including the reason.

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12 Sending several deliveries or before validating

Two ways to send shipments without validating the deliveries one by one.

> Both require the carrier to have **Show manual "Send CEX" button** turned on, in **Operation and Product**. It is off by default.

Several at once

1. **Select the deliveries**
   In the deliveries list, tick the ones going via Correos Express.
2. **Open Send to Correos Express**
   From the actions menu of the list. You can change the product, the label format, or request the pickup for this batch only.
3. **Click Send**
   The result says which deliveries already have their shipment and which do not, with the reason. A failure on one does not stop the others, and a temporary failure leaves the delivery pending for a retry. Those that already have a number, parcel codes or a label are not sent again.

One, before validating

With the manual button turned on, deliveries without a shipment show **Send CEX**, which creates the shipment and label without validating. When you validate afterwards, another one is not created.

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13 If Correos Express does not create the shipment

When validating, if Correos Express does not create the shipment, the delivery is not validated and Odoo shows the reason.

Correct whatever the message says (the address, the product, the credentials) and validate again. An administrator can also see the operation and the technical detail.

Retries

A temporary failure (Correos Express takes too long or replies with a server error) is retried automatically when the delivery was sent from **Send to Correos Express** (with manual sending turned on) or from the task itself: **CEX - Retry pending shipments** runs every 5 minutes, with waits of 5, 15, 30, 60, 120 and 240 minutes, up to **CEX Maximum Retries**.

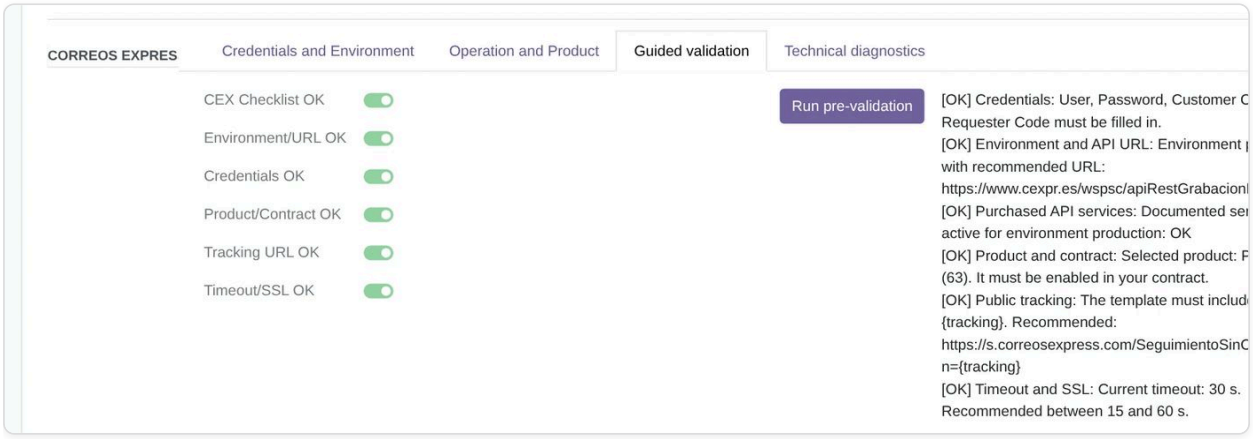
> Without a test run or a FlexigoTech Cloud subscription nothing reaches Correos Express: the delivery is not validated and nothing is marked as failed. Pending items stay pending until the service is back.

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14 Check the setup and what happens automatically

Two carrier tabs to see what is missing and what happened.

Guided validation



- **Real Odoo 20 screenshot.** **Guided validation** after **Run pre-validation**: each check in green and the summary.

Run pre-validation reviews the credentials, the environment and the API address, the contracted API services, the product, the tracking link and the timeout, and marks each check green or red with its explanation in **Validation summary**.

Technical diagnostics

Administrators only. **CEX Debug Mode** stores the requests and responses: all of them, only the failing ones, or none, which is how it ships. Use it for a while when you need to see what Correos Express is replying.

What runs automatically

These are the connector's scheduled tasks, with their frequency as installed.

TASK	FREQUENCY	WHAT IT DOES
CEX - Retry pending shipments	5 minutes	Retries up to 50 pending deliveries whose time has already come.
CEX - Sync API tracking	30 minutes	Fetches the status of shipments from the last 21 days.
CEX - Clean up legacy shipments	1 day	Tidies up the shipment numbers saved by older versions.

Without a test run or subscription, or without the password stored in the cloud, the tasks do not call Correos Express. Frequencies are changed in **Settings › Technical › Scheduled Actions**, with developer mode on.

15 If something fails

What usually happens and where to look.

The credentials do not work	Check **CEX User**, the codes and the environment, and save the password again. **Check** tells you whether it is stored in the cloud.
The product is not contracted	Choose one from your contract in **CEX Product**; with **Enabled products (codes)** filled in, the pre-validation warns you before sending.
Paq Punto without a point	Find the point with **Find CEX Pickup Point** or type the **External Point ID (B-PACK)**.
An address detail is missing	Check the street, postcode, phone and email of the recipient and of your company.
Status not arriving	Check that **API tracking sync** is switched on and that the delivery falls within the last **Tracking sync days**; **Sync CEX Tracking** requests it immediately.
No shipment is created when validating	Check that the method is set to **Get Rate and Create Shipment** and that the operation has **Generate Shipping Labels**.

Run pre-validation and, for a while, **CEX Debug Mode** turned on, almost always show what Correos Express does not like.

16 Testing and production

Correos Express has a test environment, which does not create real shipments, and the live one. The carrier starts in test.

WHAT CHANGES	TEST	PRODUCTION
Correos Express Environment	**Test Environment**, the default	**Production Environment**
API address	www.test.cexpr.es	www.cexpr.es
Credentials	The test ones Correos Express gives you	Those from your contract
Shipments	No vans go out	Real shipments, with their label

In test, live tracking, delivery stop and the shipment list are not used: those three only work in production.

1. **Test in the test environment**
   Validate a few deliveries to customers in several provinces, with one and several parcels. Check the number, the parcels, the label and the history.

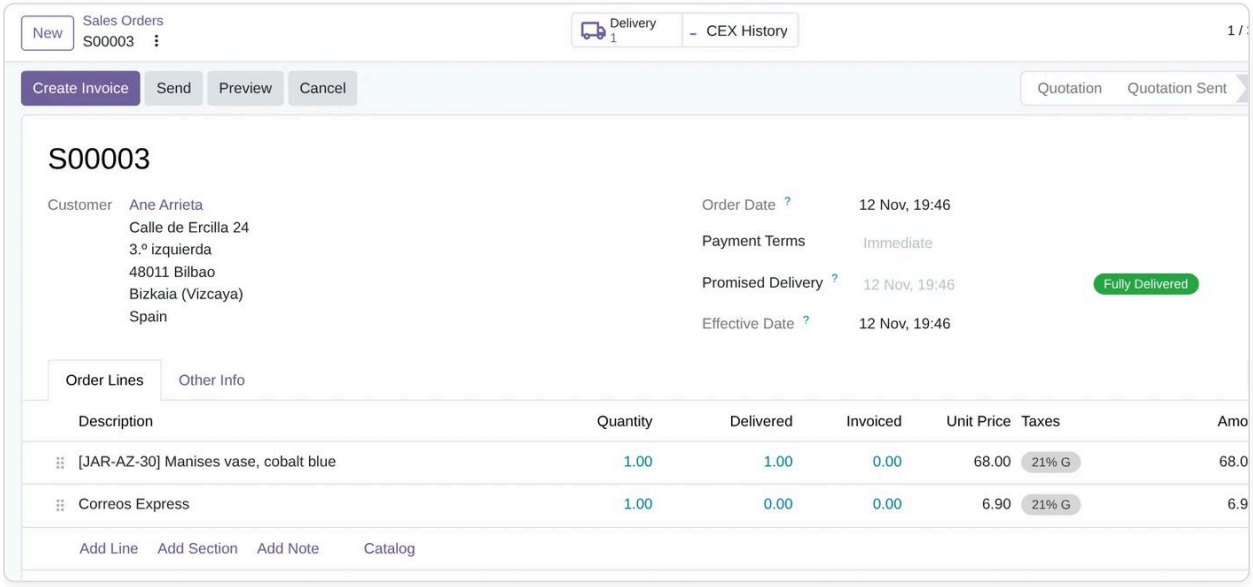
2. **Run Run pre-validation**
   It tells you what is missing before the first real shipment.

3. **Move to production**
   Choose **Production Environment**, click **Apply the environment URLs** and save the password again with the credentials from your contract.

17 The shipping price

The connector does not request rates from Correos Express: you set the price of the shipping line yourself in the shipping method.

On the sales order, the Correos Express method adds its shipping line with the method's **Delivery Product** and its fixed price. That is the amount the customer pays, in Sales and in Odoo's online store.



- **Real Odoo 20 screenshot.** A sales order with its Correos Express shipping line.

One price per order	The fixed price of the shipping method.
Free from an amount	**Free if order amount is above**.
With a margin	**Margin on Rate**, on top of the fixed price.
Different per product	One shipping method per Correos Express product, each with its own price.
Only in some areas	The countries, provinces and postcode prefixes of the shipping method.

What Correos Express charges you is still invoiced by Correos Express under your contract: the connector does not bring it into Odoo.

18 Support

Write to us for installation, configuration or any question. On the Standard plan we reply within 1 working day; on the Pro plan, within 4 working hours, and if needed we can look at it on a video call. Please tell us your Odoo version, the module version and, if there is an error, its full text.

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/odoo-correos-express.html

On Odoo Apps

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

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