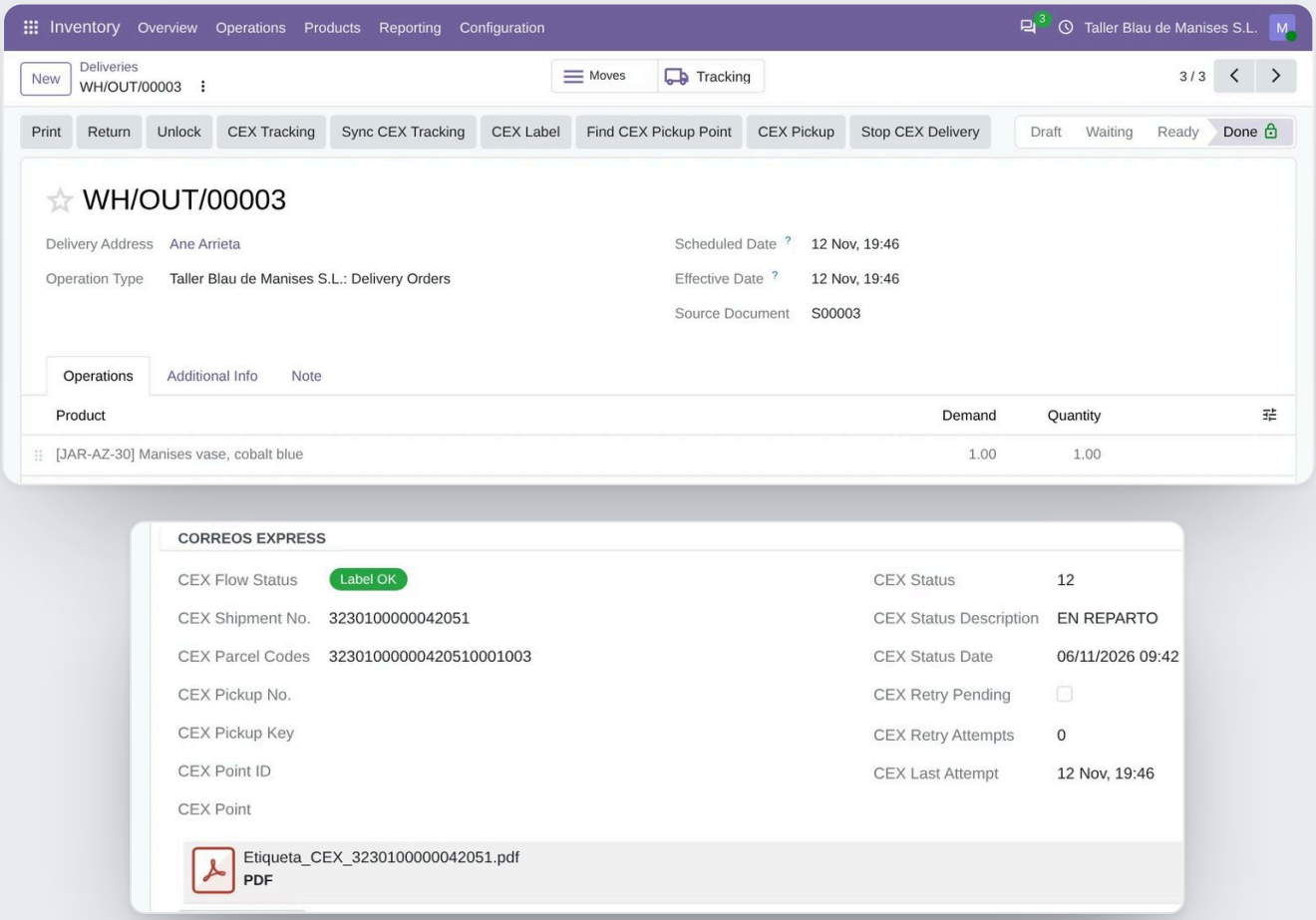
CONNECTOR GUIDE · SHIPPING AND CARRIERS

Correos Express connector for Odoo

Ship with Correos Express from Odoo: validating the delivery creates the shipment with its label, and the parcel status reaches Odoo every 30 minutes.

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



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

Contents

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

1	Who it is for and what it solves	3
2	The connector in figures	4
3	Where you see it in your Odoo	4
4	What you need before you start	5
5	The FlexigoTech Cloud trial	6
6	Create the carrier step by step	7
7	Test and production	9
8	The Correos Express product	10
9	The carrier options and how they appear	11
10	From sales order to delivery	13
11	Shipping on validation	14
12	The label	15
13	The shipment status in Odoo	16
14	Pickup points (PUDO)	17
15	Pickups	17
16	Stopping or cancelling a delivery	18
17	Sending several deliveries or before validating	19
18	If Correos Express does not create the shipment	19
19	Checking the configuration and what runs on its own	20
20	What data leaves your Odoo and where it ends up	21
21	If something fails	22
22	Other ways of doing it	23
23	Plans and price	23
24	Frequently asked questions	24
25	Glossary and checklist	27

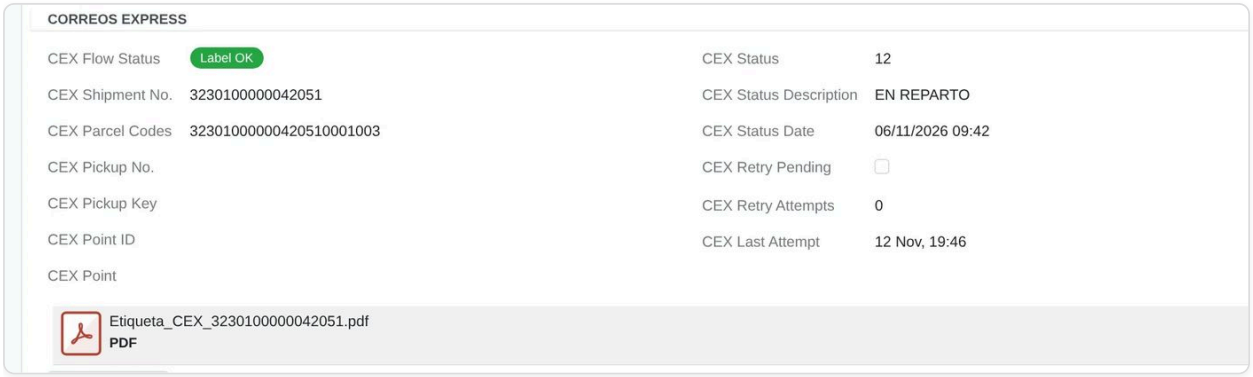
This guide describes version 20.0.3.1.7 of the module (Odoo branch 20.0, commit 1960692). Everything in it comes from its published code, the platform's official documentation or real screenshots.

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

1 Who it is for and what it solves

The connector is for anyone who ships with Correos Express and keeps their warehouse in Odoo. Without it, every shipment is typed twice: the delivery is validated in Odoo and then someone copies the recipient, the parcels and the weight into the Correos Express website, prints the label, notes the number in Odoo and, when a customer asks, goes into the website to check where the parcel is.

With the connector, Correos Express is one more delivery method in Odoo. You validate the delivery and the shipment is created with the delivery's own data; the label is attached, each parcel with its code, and the parcel's status reaches the delivery every 30 minutes.



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



- **Real Odoo 20 screenshot.** Odoo deliveries: each one with Correos Express gets its shipment when you validate it.

What changes day to day

- Nobody copies addresses or weights into the Correos Express website: they come from the delivery.
- The label is on the delivery, as PDF, ZPL or EPL.
- The parcel's status (in transit, out for delivery, delivered) is visible in Odoo without opening any website.
- Pickup points, collections and delivery stops are requested from the delivery.
- Several deliveries are sent at once from the list.

When it fits

Online store with Odoo	Web orders come into Sales with their Correos Express line; the warehouse prepares and validates.
Sales to individuals	ePAQ24, delivery to pickup points and the status checked by hand to serve the customer.
Sales to businesses	PAQ Empresa 14H, several parcels per shipment and collections at your warehouse.
Those who already use Correos Express by hand	The same contract: what changes is where you type, not who you ship with.

What it does not do

- It does not request rates from Correos Express: the shipping price is the one you set in the delivery method.
- It does not handle cash on delivery.
- It does not validate or close the delivery when Correos Express delivers it: it shows their status alongside.
- It does not register your account with Correos Express nor sign you up for their API services.

CONNECTOR GUIDE · CORREOS EXPRESS

2 The connector in figures

4
Odoo versions: 17, 18, 19 and 20

10
Correos Express products in use, plus the legacy ones

30
minutes between each status check

7,852
lines of code (Odoo Apps, 13-11-2026)

109
automated tests in the Odoo 20 code

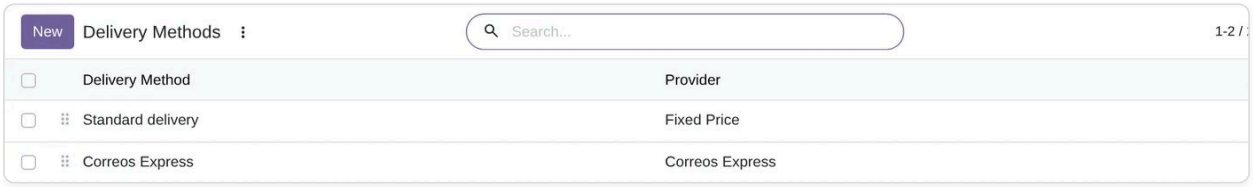
14
days of FlexigoTech Cloud trial, no card required

It works on Odoo Community and Enterprise: it only uses Inventory and Sales. It talks to the Correos Express API, the one the company gives its customers to record shipments, request labels, track them, schedule collections and search for points.

There is one module per Odoo version, and you buy the one for yours. It comes with its source code, under Odoo's licence for paid modules (OPL-1).

CONNECTOR GUIDE · CORREOS EXPRESS

3 Where you see it in your Odoo



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

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 turned 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 earlier technical name. The second only installs the first and adds nothing.

Quick map

TO…	GO TO…
Create or change the carrier	**Inventory › Config › Delivery Methods**
Send a shipment	The delivery: **Validate**
Send several at once	The deliveries list: **Send to Correos Express**
Print the label	The delivery: **CEX Label**
See the status	The delivery: **Sync CEX Tracking** and **CEX Tracking**
Find a pickup point	The delivery: **Find CEX Pickup Point**
Request a collection	The delivery: **CEX Pickup**
Stop a delivery	The delivery: **Stop CEX Delivery**
Review the configuration	The carrier: **Run pre-validation**

CONNECTOR GUIDE · CORREOS EXPRESS

4 What you need before you start

- A contract with Correos Express and access to their 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 Enterprise.
- An Odoo administrator: they accept the FlexigoTech Cloud data list and the carrier checkbox.
- Your company details up to date: Correos Express takes its address, phone and email as the sender.

> The connector does not register your account with Correos Express nor sign you up for their API services: Correos Express does that.

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

What to ask Correos Express for

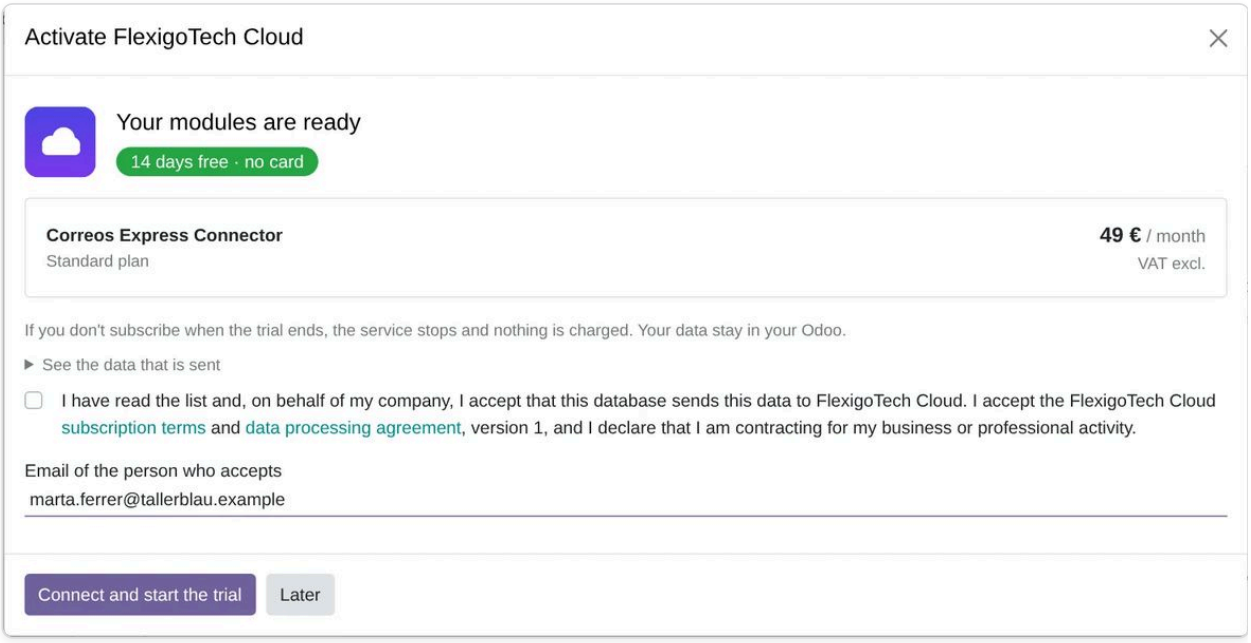
- Sign-up to their API for your account, with the user and password.
- The customer code and the requester code.

- Test credentials, to start in their test environment.
- The products you have contracted and, if you use Paq Punto, the external point ID.
- Which API services you have: tracking, collections, delivery stop.

5 The FlexigoTech Cloud trial

1 **Click Activate in the top bar**

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



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

2 **Accept and enter your email**

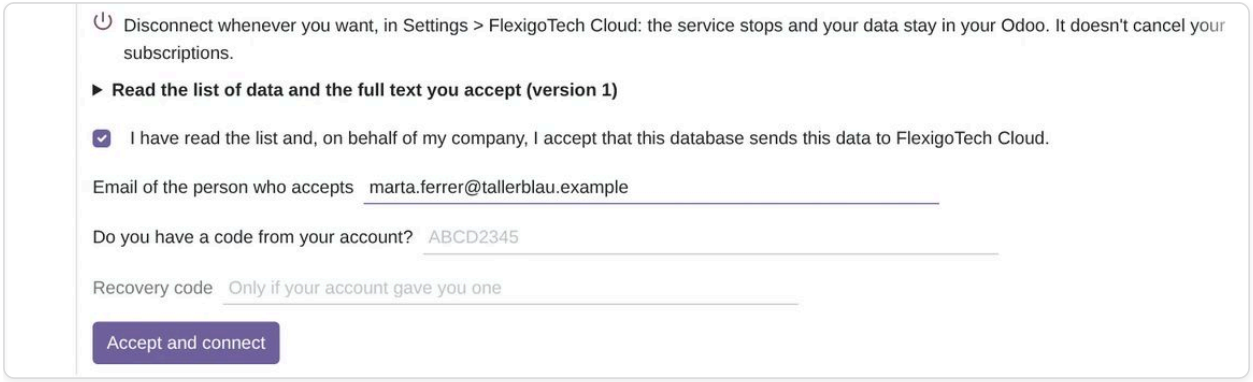
Tick "I have read the list and, on behalf of my company..." (it includes the subscription terms and the data processing agreement) and enter the **Email of the person who accepts**.

3 **Click Connect and start the trial**

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

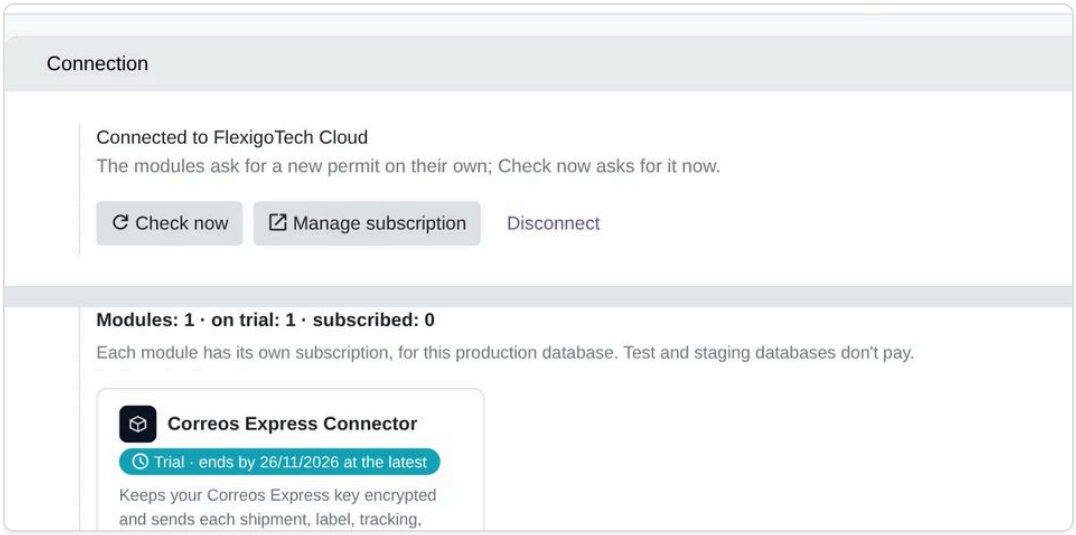
The same, from Settings

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 box ticked, the email and **Accept and connect**.

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



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

Prices exclude VAT. If the trial ends without a subscription, the service stops and nothing is charged; your data stays in your Odoo. **Check now** asks for permission straight away (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."

If the trial ends without a subscription

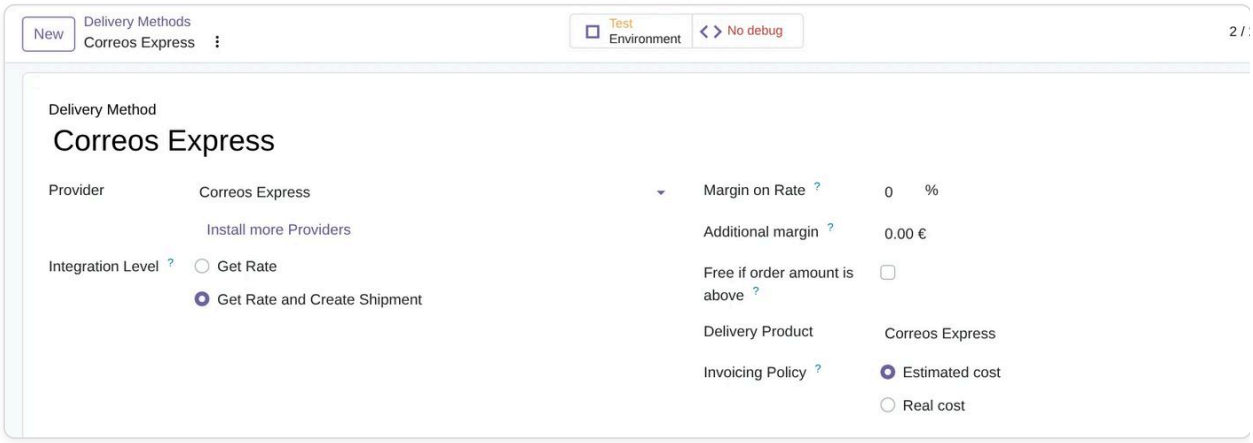
Nothing reaches Correos Express: deliveries with Correos Express are not validated and the tasks do not check the status. Your deliveries, their numbers, their labels and the last status received stay in Odoo.

CONNECTOR GUIDE · CORREOS EXPRESS

6 Create the carrier step by step

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

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



- **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 on **Test Environment**. Leave it like that for testing and switch it 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

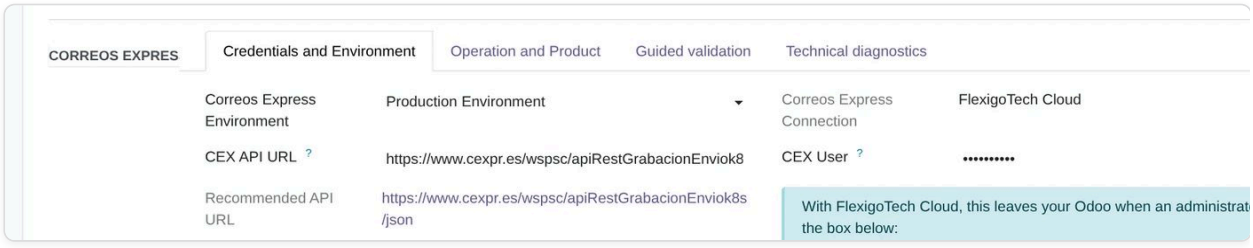
CEX User, **CEX Customer Code** and the requester code, exactly as Correos Express gave them to you.

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 can see it.

5 Enter the password and save

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

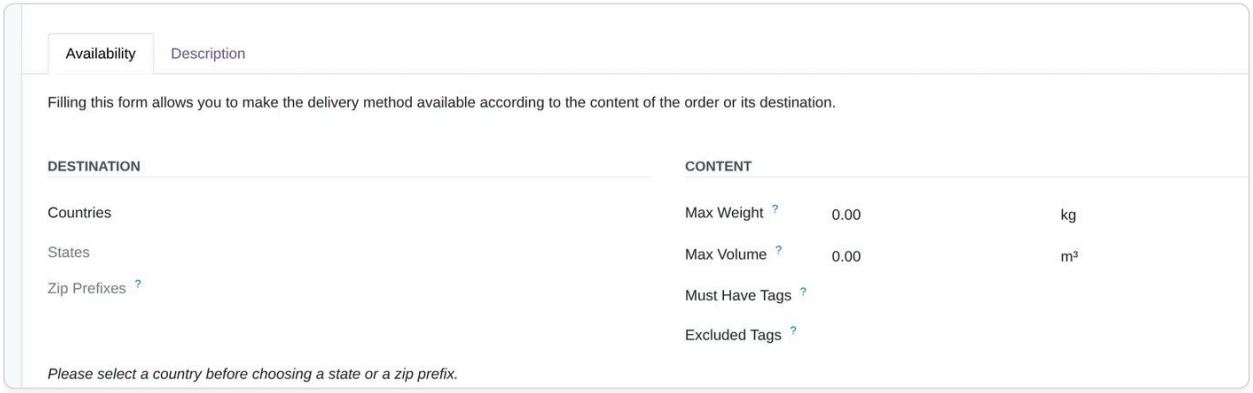


- **Real Odoo 20 screenshot.** **Credentials and Environment**: the environment, the API addresses, **Correos Express Connection** and the user.

Check	It tells you whether the password is stored in the cloud and since when.
Delete my credentials from FlexigoTech Cloud	It deletes them 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.

What Odoo already provides on a shipping method



- **Real Odoo 20 screenshot.** The availability of the shipping method: destinations and contents, as with any Odoo carrier.

Delivery Product	The product on the shipping line of the sales order.
Margin on Rate and **Free if order amount is above**	To charge shipping with a margin or make it free from a given amount.
Countries, **provinces and postcode prefixes**	So that Correos Express is only offered where you want it.
Maximum weight and volume	So that it is not offered for orders that do not fit the product.

You can have several Correos Express shipping methods: one per product (PAQ 10H for urgent orders, PAQ 24H for standard ones), one per zone, or one for testing. Each one stores its own password in the cloud.

With several companies in the same database, create one shipping method per company, with each company's Correos Express account: the sender used is the company of the shipping method.

CONNECTOR GUIDE · CORREOS EXPRESS

7 Test and production

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	The ones from your contract
Shipments	No trucks are sent	Real shipments, with their label

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

1. **Test on the test environment**
   Validate some 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**, press **Apply the environment URLs** and save the password again with the credentials from your contract.

Which API service each thing uses

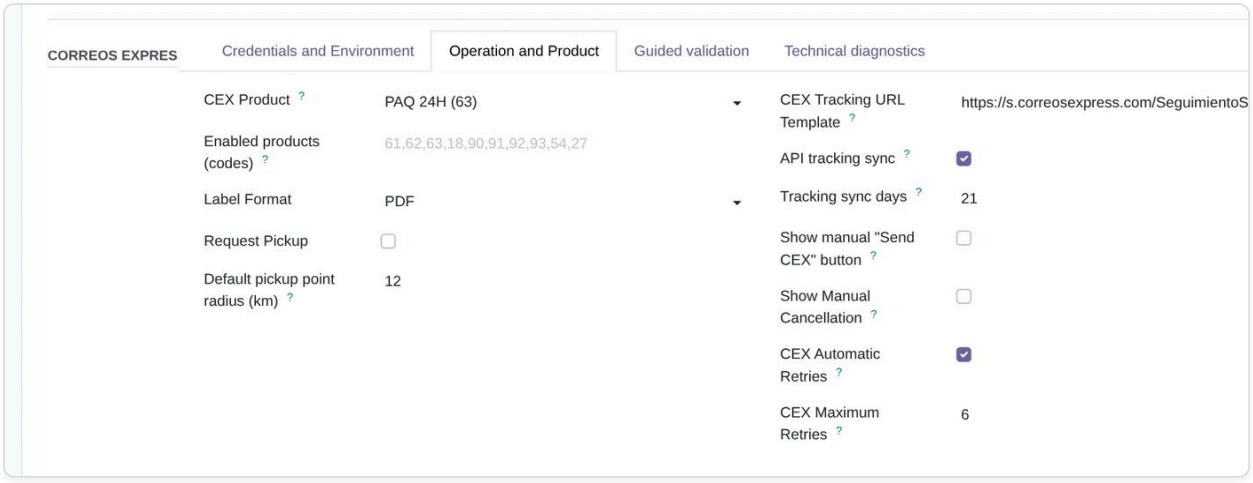
IN ODOO	CORREOS EXPRESS SERVICE
Validating the delivery or Send to Correos Express	Recording the shipment and label
The status task and Sync CEX Tracking	Shipment tracking
Find CEX Pickup Point	Delivery point lookup
CEX Pickup	Recording, modifying and cancelling the pickup, cut-off time and pickup tracking
Stop CEX Delivery and cancel	Stop delivery (production only)

Each service has its own address in each environment. **Apply the environment URLs** sets the test or the production ones, and the ones the connector recommends are shown below **CEX API URL**. **Run pre-validation** checks that your contract has the services you use purchased.

> The carrier starts on test. If you validate real deliveries with it without moving it to production, the shipments are recorded in Correos Express's test environment and no truck is sent.

CONNECTOR GUIDE · CORREOS EXPRESS

8 The Correos Express product



- **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.

PRODUCT	CODE	WHAT FOR
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 older products (PAQ 48H, Islas Express, Canarias...), with the code they are sent under today. Use the one from your contract. In **Enabled products (codes)** you can enter the codes from your contract, separated by commas: pre-validation checks that the chosen product is among them.

Paq Punto (B-PACK)

With product 18, the parcel goes to a pickup point and not to the home address. The shipment needs the **External Point ID (B-PACK)**: pre-validation requires it and **Find CEX Pickup Point** fills it in when you choose a point.

How to choose

Most domestic shipments	PAQ 24H, the standard one.
To individuals	ePAQ24, if you have it contracted.
Express services	PAQ 10H or PAQ 14H, in a separate shipping method with its own price.
To businesses	PAQ Empresa 14H.
Outside Spain	International Standard or International Express, depending on your contract.
To the point the customer chooses	Paq Punto (B-PACK), with its point.

If your contract still names an older product, choose it from the list: the connector sends it with its current code.

CONNECTOR GUIDE · CORREOS EXPRESS

9 The carrier options and how they appear

OPTION	WHEN CREATING IT	WHAT IT DOES
Correos Express Environment	**Test Environment**	The test one or the live one.
CEX Product	PAQ 24H (63)	The product for each shipment.
Label Format	PDF	PDF, ZPL or EPL.
Request Pickup	Off	Requests the pickup with each shipment.
Default pickup point radius (km)	12	The search radius for pickup points.

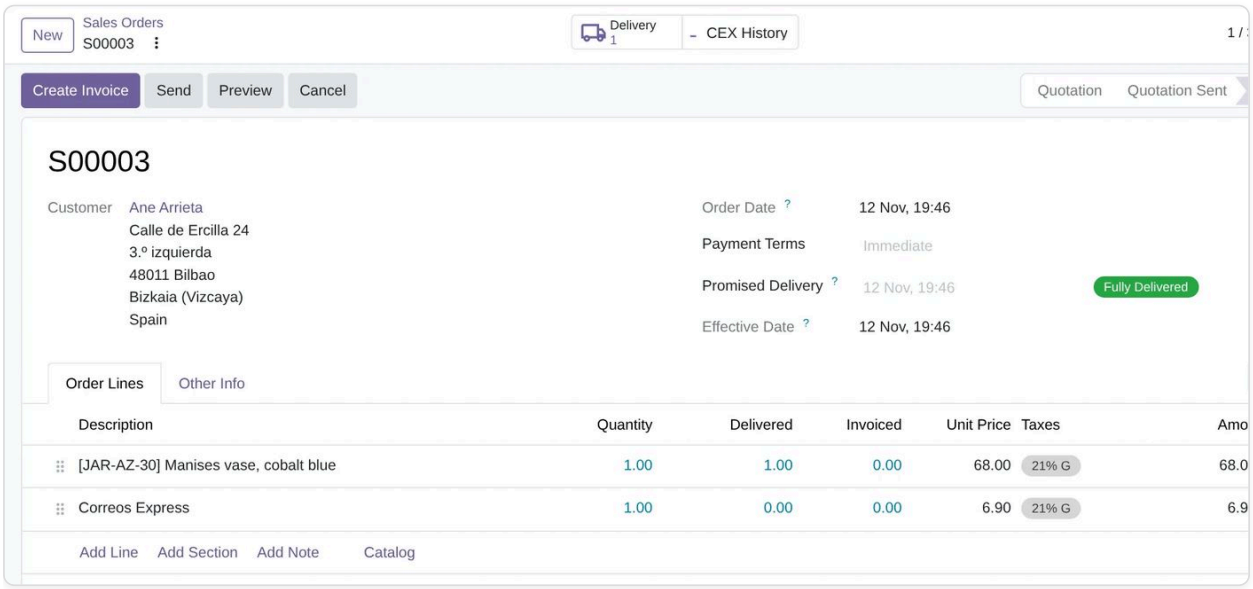
OPTION	WHEN CREATING IT	WHAT IT DOES
API tracking sync	On	Fetches the status of shipments.
Tracking sync days	21	How many days back the status is fetched.
Manual Send CEX button	Off	Show it if you want to send the shipment before validating.
Show Manual Cancellation	Off	Shows **Cancel CEX** to record 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.

When to change each one

The environment	Switch to production once you have tested a few deliveries in test.
The label format	ZPL or EPL if you print on a thermal printer; PDF for any printer.
Requesting pickup with each shipment	If Correos Express does not come through your warehouse every day.
The pickup point radius	Larger in rural areas, smaller in the city.
The tracking days	More if your shipments take longer, for example to the islands.
Debug mode	Only for a while, when you need to see what Correos Express is replying.

10 From sales order to delivery

The Correos Express shipping method is chosen on the sales order, like any other Odoo method. The order gets its shipping line, with the method's product and price. When you confirm the order, Odoo creates the delivery with that carrier.



- **Real Odoo 20 screenshot.** A sales order with its Correos Express shipping line: €6.90.

> The price of that line is not requested from Correos Express: it is the fixed price you set on the shipping method.

An example

A ceramics workshop in Manises sells a cobalt blue vase to a customer in Bilbao. Sales order S00003 carries the Correos Express line. When you confirm it, Odoo creates delivery WH/OUT/00003. The warehouse prepares it and clicks **Validate**: the shipment is created in Correos Express with its number and the code of its parcel, the label stays on the delivery and, a few hours later, the status reads EN REPARTO. The sales order shows the **CEX History** button with its shipments.

If the delivery is done in several parts, each partial delivery you validate creates its own shipment.

Charging the customer for shipping

As the price comes from the shipping method, you decide what to charge: a fixed price per order, free above an amount with **Free if order amount is above**, or a margin with **Margin on Rate**. If you charge differently by product (PAQ 10H or PAQ 24H, for example), create one shipping method per product, each with its own price.

In the Odoo online shop it works the same way: the customer sees the Correos Express method with its price and, when paying, the order already carries its shipping line.

11 Shipping on validation

1. **Prepare the delivery**

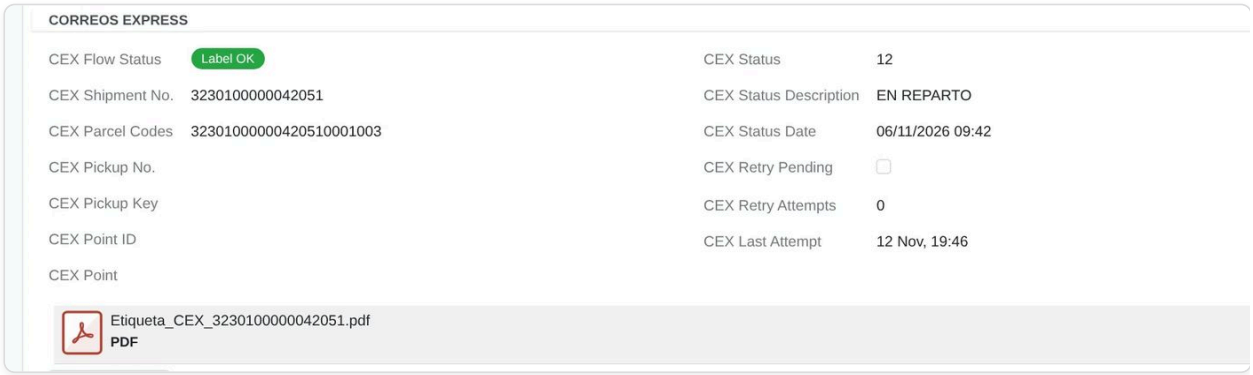
   As always in **Inventory**: products, quantities and, if you wish, packages with their weight and dimensions.

2. **Click Validate**

   The connector sends the shipment to Correos Express: the recipient with 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** are filled in, one code per parcel, and the label is attached. **CEX Flow Status** changes to **Label OK**.



- **Real Odoo 20 screenshot.** The Correos Express block of a shipped 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 type has **Generate Shipping Labels** switched on. **Delivery Orders** have it on; if you use another outgoing operation type, check its configuration.

What goes to Correos Express, field by field

DATA	WHERE IT COMES FROM
Recipient	The name, address, phone and email of the contact on the delivery address.
Sender	Your company's details.
Reference	The delivery's reference, so you can find it later in Correos Express.
Product	The carrier's product, or the one you choose for a batch.
Parcels	One parcel per package, with its weight and dimensions; without packages, one per unit shipped.
Pickup	If **Request Pickup** is on, the shipment also requests its pickup.

What comes back from Correos Express is the shipment number, the code of each parcel and the label. Everything is kept on the delivery.

Parcels and weight

- If the delivery has packages, each package is a parcel, with its weight and dimensions.
- If it does not, count the units shipped, and the number of packages on the delivery if you entered it.
- The total weight is the sum of the parcels' weights; if there are none, the delivery's weight.

A day with the connector in the warehouse

1. **In the morning**
   Yesterday's orders already have their delivery in **Inventory**, with Correos Express.
2. **When preparing**
   The warehouse picks, packs with **Put in Pack** and each package carries its weight.
3. **When validating**
   Each delivery goes out with its shipment number, its parcels and its label.
4. **Before pickup**
   Labels are printed and, if needed, the pickup is requested from a delivery.
5. **During the day**
   Whoever handles customers sees on each delivery the status of the parcel.

CONNECTOR GUIDE · CORREOS EXPRESS

12 The label

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

CEX Label	Download the attached label.
CEX Labels	Below, in the Correos Express block, the label attachments for the delivery.

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

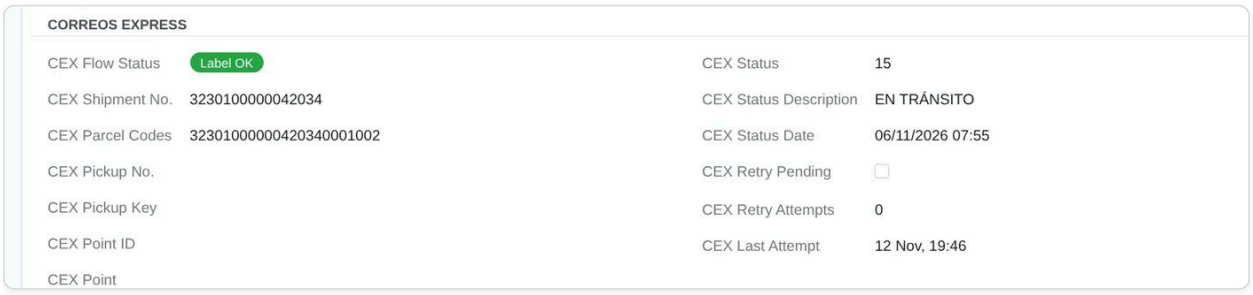
Printing it

It opens from the delivery with **CEX Label** and prints like any PDF. With a thermal printer, choose ZPL or EPL on the carrier and send the file to the printer with its software.

CEX Label always requests the label from Correos Express again, so download the latest version. Without a subscription, or without the password saved in the cloud, download the one already stored on the delivery.

If a delivery has several stored labels, **CEX Label** opens the attachment list so you can choose.

13 The shipment status in Odoo



- **Real Odoo 20 screenshot.** For a delivery in transit: **CEX Status**, **CEX Status Description** and **CEX Status Date**, as Correos Express reports them.

The task	**CEX - Sync API tracking** checks shipments from the last 21 days every 30 minutes.
Sync CEX Tracking	Checks that delivery immediately.
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.

What it is for

- Customer service can see where the parcel is without going into the Correos Express website.
- Shipments that are not moving show up in Odoo, with the date of the last status.
- The delivery keeps the last status even if you later cancel your subscription.

The **CEX Tracking** link is the public Correos Express tracking page: you can send it to the customer.

A shipment that doesn't move

1. **Check the status date**
   CEX Status Date shows when it last changed.
2. **Ask for the status right now**
   Sync CEX Tracking asks Correos Express without waiting for the scheduled task.
3. **Open the tracking**
   CEX Tracking shows the detail Correos Express gives on its website.
4. **If you need to stop it**
   Stop CEX Delivery, with its reason, or call Correos Express with the shipment number.

Two different statuses

FIELD	WHAT IT SAYS	WHERE IT COMES FROM
CEX Flow Status	Pending, Sent, **Label OK** or Error: how far the shipment creation has got.	From the connector

FIELD	WHAT IT SAYS	WHERE IT COMES FROM
CEX Status and **CEX Status Description**	In transit, out for delivery, delivered...: where the parcel is.	From Correos Express, every 30 minutes
CEX Status Date	When the status last changed.	From Correos Express

14 Pickup points (PUDO)

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 is 12 km and up to 20 points are returned. Click **Search Points**.
3. **Choose one and apply it**
   The chosen point is stored 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.

The search can filter points that deliver, points that collect, or both, and shows the name and address of each point. The delivery history records which point was chosen.

15 Pickups

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

OPERATION	WHAT IT DOES
Book pickup	Books the pickup for a date and a time slot (by default, 09:00 to 18:00).
Modify pickup	Changes the date or time slot of a booked pickup.
Cancel pickup	Cancels it.
Check cut-off time	Checks the latest time you can book for today in your postcode.
Pickup tracking	Shows how the pickup is progressing.

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

The cut-off time depends on your warehouse postcode: check it before booking a pickup for today.

TIME WINDOW DETAILS	WHAT FOR
Operation	Create, modify, cancel, cut-off time or tracking.
Pickup date	The day Correos Express is due to collect.
From and to	The time slot; by default, 09:00 to 18:00.
Pickup key and reference	Those given by Correos Express when the pickup was created; you need them to change or cancel it.
Result	What Correos Express replied.

The pickup address is your company's address, and the result is also recorded in the delivery history.

CONNECTOR GUIDE · CORREOS EXPRESS

16 Stopping or cancelling a 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 wish.

3. **Click Request Stop**
   The request goes to Correos Express and the delivery 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 manually, so that you can have it done 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**, with its reason.

> The stop request for a delivery is not available in the test environment: it only works in production.

Logging a cancellation made outside Odoo

With **Show Manual Cancellation** turned on, **Cancel CEX** opens a window to record a cancellation you made on the website or with Correos Express support: the shipment number, the reason (customer request, incorrect address, stock problem, duplicate shipment or other) and some notes. It does not call Correos Express: it only records it on the delivery and in its history, with the delivery marked as a cancellation requested manually.

17 Sending several deliveries or before validating

> Both methods 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 delivery list, tick the ones going by 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 shows which deliveries now 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. If you validate afterwards, another shipment is not created.

18 If Correos Express does not create the shipment

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** tries again every 5 minutes, with waits of 5, 15, 30, 60, 120 and 240 minutes, up to **CEX Maximum Retries**.

> Without a test 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.

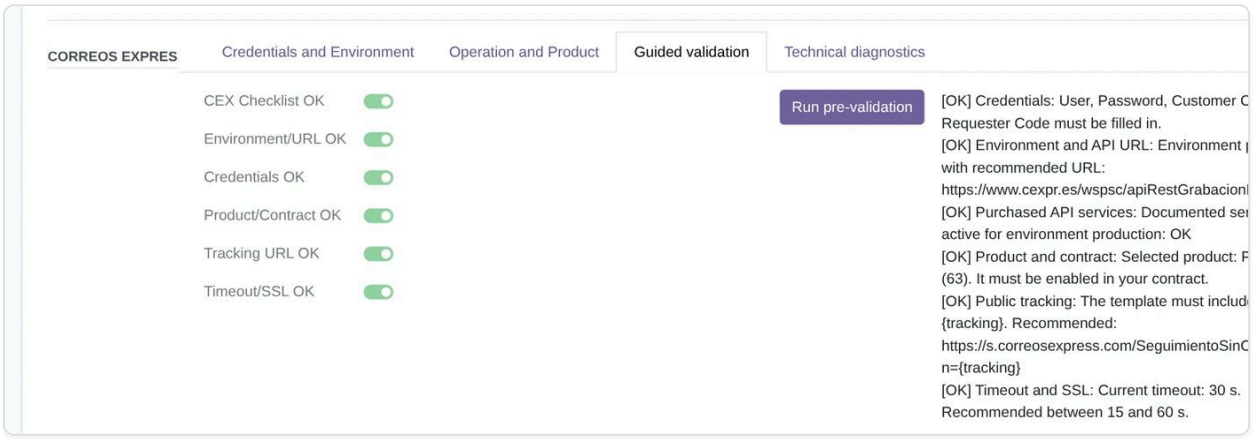
An example

The warehouse sends twelve deliveries with **Send to Correos Express** and the API takes too long with two of them. The ten good ones go out with their number and their label; the two are left pending for retry, and the result says so. If the API still does not answer, they are tried again at 5, 15, 30, 60, 120 and 240 minutes. As soon as one goes through, it gets its number and its label.

CONNECTOR GUIDE · CORREOS EXPRESS

19 Checking the configuration and what runs on its own

Guided validation



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

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

CHECK	WHAT IT LOOKS AT
Credentials	That the user, the password, the customer code and the requester code are filled in.
Environment and API URL	That the API address matches the environment you chose.
API services	That your contract has the services the connector uses in that environment switched on.
Product and contract	That the product exists, is among the enabled ones and, for Paq Punto, that there is an external point ID.
Public tracking	That the tracking link template includes {tracking}.
Timeout and SSL	That the timeout is between 15 and 60 seconds, and the status of the certificate check.

Technical diagnostics

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

TASK	FREQUENCY	WHAT IT DOES
CEX - Retry pending shipments	5 minutes	Retries up to 50 pending deliveries whose time has 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 shipping numbers stored by earlier versions.

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

CONNECTOR GUIDE · CORREOS EXPRESS

20 What data leaves your Odoo and where it ends up

The carrier notice says this before an administrator ticks the box. In summary:

Once, when saving the password	The Correos Express user and password.
With each shipment	The recipient's name, address, phone and email; your company's details as sender; the reference and the packages with their weight and dimensions.
Also	The label and tracking requests, pickups (the pickup address and contact, and the recipient's name and address) and point searches (postcode, town and address).
Where to	To FlexigoTech Cloud, on Netcup servers in Germany, which passes it on to the Correos Express API.
How long it is kept	The content of the shipments is not stored in the cloud: it only passes through. The password, encrypted, is kept until you delete it, uninstall the module or 30 days pass after the subscription ends.

The password is never stored in Odoo, and the field where it is typed is visible to administrators only.

> Without a FlexigoTech Cloud subscription, Correos Express is not called. What is already in Odoo (deliveries, numbers, labels, statuses) can still be viewed, downloaded and exported.

What stays in your Odoo

WHERE	WHAT
The shipping method	The user, the customer and requester codes, the environment, the product and the options. Not the password.
The delivery	The shipment number, the parcel codes, the label, the status with its description and date, the pickup and the chosen pickup point.

WHERE	WHAT
Retries	If there is one pending, how many there are, when the last one ran and the last error.
Debug mode	Only if you switch it on: the requests and the responses, for diagnosis.

CONNECTOR GUIDE · CORREOS EXPRESS

21 If something fails

The credentials do not work	Check **CEX User**, the codes and the environment, and save the password again. **Check** tells you whether it is on 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 you send.
Paq Punto without a point	Find the point with **Find CEX Pickup Point** or type the **External Point ID (B-PACK)**.
A field in the address is missing	Check the street, postcode, phone and email of the recipient and of your company.
The status does not arrive	Check that **API tracking sync** is switched on and that the delivery is from the last **Tracking sync days**; **Sync CEX Tracking** requests it immediately.
No shipment is created when validating	Check that the method is in **Get Rate and Create Shipment** and that the operation has **Generate Shipping Labels**.

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

The message you see when validating

When Correos Express does not create the shipment, the message starts with the cause the connector recognises in the response:

THE MESSAGE SAYS THAT…	WHAT TO DO
Correos Express rejects the credentials	Check the user and save the password again.
there are errors in the address, postcode or phone	Check the recipient's details and your company's.
rejects the weight or the package details	Check the packages, their weight and dimensions, or the product.
is not available at the moment	It is a temporary fault: validate again later or send the delivery from the list.
could not create the shipment with this data	Read the Correos Express detail that follows.

Behind it comes the Correos Express detail, its status code and, where relevant, when the retry is.

22 Other ways of doing it

WAY	WHAT IT MEANS
By hand, on the Correos Express website	Each shipment is typed in again and the status is checked outside. Fine for a few shipments.
Odoo alone	Odoo 20, Community and Enterprise, does not include a Correos Express connector. Enterprise includes Sendcloud, a shipping platform sold separately.
The community module (OCA)	Free; what it covers depends on its version and on who maintains it.
This connector	Sending on validation, labels, status every 30 minutes, pickup points, pickups and delivery stops, with FlexigoTech Cloud.

If you print the labels from the Correos Express website today, start with the carrier in test mode, validate a few test deliveries and move to production once everything checks out.

23 Plans and price

€9

License per Odoo version.

+ FlexigoTech Cloud

STANDARD

€49/month

or €490 a year

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

PRO

€98/month

or €980 a year

- First response within 4 working hours
- Up to 10 accounts
- Video call if needed

14-day trial, no card · Prices exclude VAT

The module license is per Odoo version. FlexigoTech Cloud is paid monthly or yearly, and the 14-day trial does not ask for a card. With Standard, up to 3 accounts; with Pro, up to 10.

The subscription is what makes the connector work: the gateway through which your shipments, labels, status queries, pickups and point searches reach Correos Express, the encrypted custody of your password, and the email alert when synchronisation fails. It includes support: response within 1 working day with Standard and within 4 working hours with Pro, with a video call if needed.

You set the customer shipping price in the shipping method: the connector does not query rates.

24 Frequently asked questions

When is the shipment created?

When you validate the delivery, if the shipping method is in **Get Rate and Create Shipment**.

Can I create it before validating?

Yes: switch on the manual button and use **Send CEX** on the delivery.

Can I send several deliveries at once?

Yes, with **Send to Correos Express** from the deliveries list, with manual sending switched on for the carrier.

What format is the label?

PDF, ZPL or EPL, depending on the carrier.

Where is the label kept?

Attached to the delivery. **CEX Label** downloads it.

Can I see the package status in Odoo?

Yes, every 30 minutes, and immediately with **Sync CEX Tracking**.

How many days back does the status go?

It is 21 days, by default. You can change it in **Tracking sync days**.

Can I send the tracking to the customer?

Yes: **CEX Tracking** opens the public Correos Express tracking page.

Does it validate the delivery when the parcel arrives?

No. It leaves the Correos Express status next to the delivery.

Can I ship to a pickup point?

Yes, with **Find CEX Pickup Point** and the Paq Punto (B-PACK) product.

Can I request a pickup?

Yes, with each shipment or from the delivery using **CEX Pickup**.

Can I stop a delivery?

Yes, with **Stop CEX Delivery** and its reason, in production.

And can I cancel a shipment?

Cancelling it requires the stop request through the API. If your contract does not include it, it stays as a cancellation requested manually.

Which product does it use?

PAQ 24H as standard. You change it in **CEX Product**.

Can I use several products?

Yes: one shipping method per product, or change it for a batch in **Send to Correos Express**.

Does it send several packages?

Yes: each package in the delivery is one parcel, with its own code, weight and dimensions.

Does it do cash on delivery?

No.

Does it calculate the shipping cost with Correos Express?

No. The order carries the fixed price of the shipping method.

What happens if Correos Express fails on validation?

The delivery is not validated and Odoo tells you why.

Does it retry on its own?

Yes, temporary failures of shipments sent from the list, up to 6 times. On validation, a failure stops the validation.

Can I run tests?

Yes: the carrier is created in the Correos Express test environment.

Does it work without FlexigoTech Cloud?

No. What has already come into Odoo stays in Odoo.

Is my password stored in Odoo?

No. It is sent encrypted to FlexigoTech Cloud.

Are my shipments stored in the cloud?

No. They pass through FlexigoTech Cloud on their way to Correos Express, without being kept.

How many accounts can I have?

Up to 3 with the Standard plan and up to 10 with the Pro plan.

Do I need Odoo Enterprise?

No. It uses Inventory and Sales from Odoo Community.

Does it work on Odoo Online?

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

What is correos_express_connector?

The same connector under its earlier technical name: install this module and nothing else.

Can I see what Correos Express replies?

Yes: with **CEX Debug Mode** the requests and responses are saved.

Can I limit Correos Express to certain provinces?

Yes, using the countries, provinces and postcode prefixes of the shipping method.

Does it work with the Odoo online shop?

Yes: the customer chooses Correos Express with its price and the delivery goes out the same way.

And with partial deliveries?

Each delivery you validate creates its shipment, including those left pending afterwards.

Which customer data goes to Correos Express?

Their name, address, telephone number and email.

Who can see the password?

Nobody: it is not stored in Odoo. The field for typing it is only visible to administrators.

What happens if I cancel the subscription?

Calls to Correos Express stop. What is already in Odoo stays, and the password is deleted from the cloud after 30 days.

Can I delete my password from the cloud?

Yes, with **Delete my credentials from FlexigoTech Cloud**.

How long does it take to get it running?

With your credentials to hand, creating the carrier takes a few minutes. What takes longest is testing a few deliveries before moving to production.

Can I request a pickup for today?

Yes, before the cut-off time for your postcode: **Check cut-off time** tells you it.

Can I change a pickup?

Yes, with **Modify pickup**, or cancel it with **Cancel pickup**.

Can I record a cancellation made by phone?

Yes, with **Show Manual Cancellation** switched on and **Cancel CEX**.

Do I need the test password?

Only for the test environment. In production, the one from your contract.

What happens if I change environment?

Save the password again and press **Apply the environment URLs**.

Can I have a method per product?

Yes, each one with its product, its price and its password.

25 Glossary and checklist

Product	The Correos Express service for each shipment: PAQ 24H, ePAQ24, Paq Punto...
Parcel	Each physical package in the shipment. It has its own code.
Shipment number	The number that identifies the shipment with Correos Express.
Status	The code, description and date that Correos Express gives for each shipment.
PUDO	A convenience point where the customer collects the parcel.
Paq Punto (B-PACK)	The product that delivers to a point; it asks for the external point ID.
Pickup	Correos Express's visit to your warehouse to collect the parcels.
Cut-off time	The latest time to request a pickup for the day.
Delivery stop	The request to Correos Express not to deliver a parcel.
Customer and requester codes	Your account codes with Correos Express.
Test environment	The Correos Express API that does not create real shipments.
Gateway	The FlexigoTech Cloud service through which calls with your credentials pass.
Parcel code	The code Correos Express gives each package in the shipment.
Flow status	How the shipment's registration in Odoo is going: pending, sent, label OK or error.
Pre-validation	The six checks from the carrier before the first shipment.
Time slot	The hours in which Correos Express may come to collect.
Pickup key	The data Correos Express gives when creating a pickup; it is used to change or cancel it.
External point ID	The code of the pickup point Paq Punto uses.
ZPL and EPL	The languages of thermal label printers.
Debug mode	The option that stores requests and responses for diagnosis.

- [ ] Your contract with Correos Express: username, password, customer code and requester code.
- [ ] Odoo 17, 18, 19 or 20 on Odoo.sh or on your own server.
- [ ] Your company details: address, telephone number and email.
- [ ] The module installed and the FlexigoTech Cloud trial started.
- [ ] The shipping method created, with the box ticked and the password saved.
- [ ] **Check** says the password is in the cloud.
- [ ] Your contract's product set in **CEX Product**.
- [ ] **Run pre-validation** in green.

- [ ] A few test deliveries validated in the test environment.
- [ ] The carrier moved to **Production Environment**, with the password saved again.

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

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

On the web
The connector page, with the guide and the prices.
flexigotech.com/en/odoo-correos-express.html

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

Correos Express is a trademark of its owner. FlexigoTech publishes this connector on its own, with no endorsement or sponsorship from the trademark owner. FlexigoTech is a brand of Flexibles y Accesorios Gobe, S.L. (Barcelona, Spain).