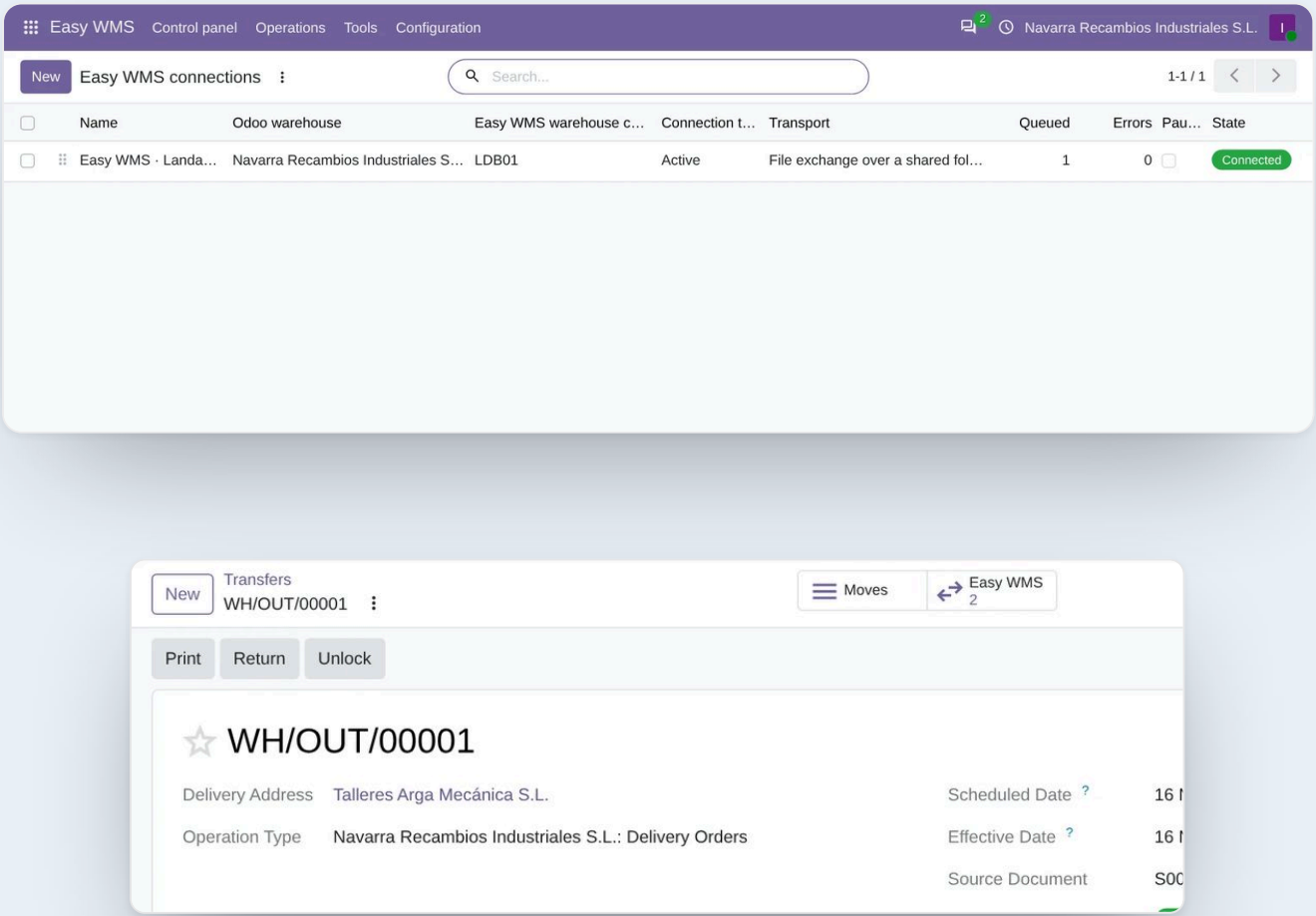
CONNECTOR GUIDE · WAREHOUSE AND LOGISTICS

Mecalux Easy WMS connector for Odoo

Odoo sends Easy WMS the items and the inbound and outbound orders, and records on each transfer what the warehouse confirms.

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



Real Odoo 20 screenshot. The list of connections to Easy WMS and an outbound transfer already confirmed by the warehouse.

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

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This guide describes version 20.0.1.1.2 of the module (Odoo branch 20.0, commit 3fb4bcf45). Everything in it comes from its published code, the platform's official documentation or real screenshots.

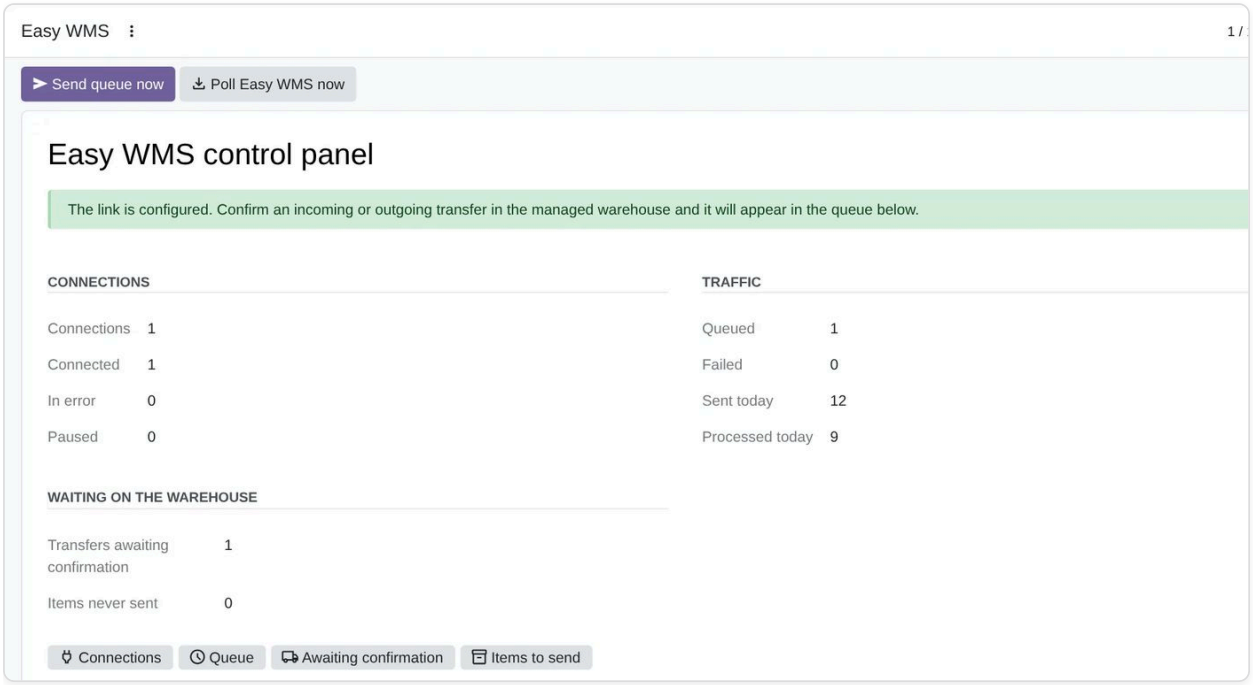
The screenshots come from a test Odoo 20 database, with a made-up company and data and no real connection to Mecalux Easy WMS. The module also has a version for Odoo 17, 18 and 19.

1 Who it is for and what it solves

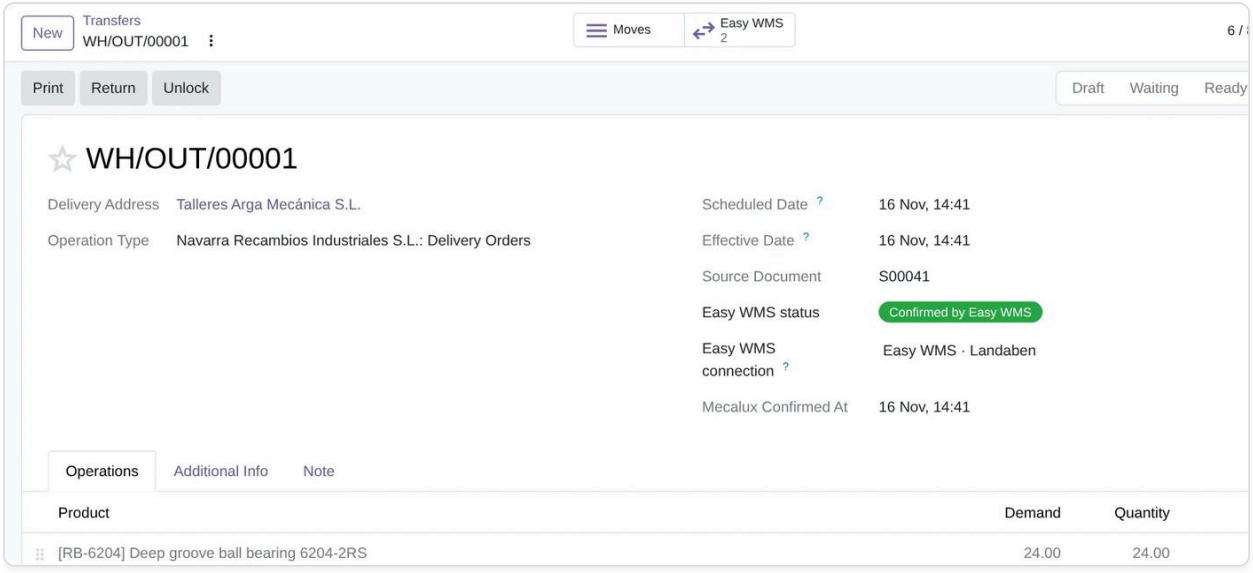
> The connector needs a subscription to FlexigoTech Cloud, with a 14-day trial and no card required. Without the trial or the subscription, the API, SOAP and SFTP calls do not reach Easy WMS.

Without the connector, someone registers items in Easy WMS by hand, passes each purchase order and each sales order to the warehouse, and then notes in Odoo what was received and what was shipped.

The connector sends items, inbound orders and outbound orders to Easy WMS. When the warehouse confirms a receipt or a shipment, Odoo records the confirmation on the corresponding transfer. Every exchange is kept in the messages list with its status, and if you switch on the stock snapshot, Odoo compares Easy WMS's stock with its own.



- **Real Odoo 20 screenshot.** The control panel with the connections, the queue and what is pending at the warehouse.



- **Real Odoo 20 screenshot.** An outbound transfer with its status in Easy WMS and the confirmation date.

What changes day to day

- Items and orders go from Odoo to Easy WMS without being copied by hand.
- Receipts and shipments confirmed by the warehouse are recorded on Odoo transfers.
- The queue is sent every 5 minutes and responses are collected every 10 minutes.
- Each message, with its content and result, can be checked under **Messages** and **Sync log**.
- If there is a difference between Easy WMS stock and Odoo stock, it is logged, an activity is created or it is adjusted, depending on what you choose.

What it does not do

- It does not include the Easy WMS licence: each warehouse needs its own, with the interface (API, SOAP, files or database) enabled by Mecalux.
- It is not real time: messages are queued, sent and collected at a fixed frequency, with retries.
- It does not own the physical stock: Easy WMS does, and, with the connection's default settings, its confirmation validates receipts and deliveries in Odoo.
- The expiry date is only stored on the lot if you have the Odoo expiry dates module installed, and the tracking number only if you have the shipping module installed. Without them, the confirmation is still recorded.
- For the command API, SOAP and SFTP, your Easy WMS server must be reachable from the internet, and FlexigoTech adds its host to a closed list before the first call.
- It does not send the carrier master data: the document is in the list, but the connector does not generate it.
- The document names and their fields are a starting profile of our own, because Mecalux does not publish the format: they must be adapted on screen to what you have agreed with Mecalux. It has not yet been tested with a real Easy WMS.

2 The connector in numbers

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

4
scheduled tasks, 3 active on installation

12
own menus

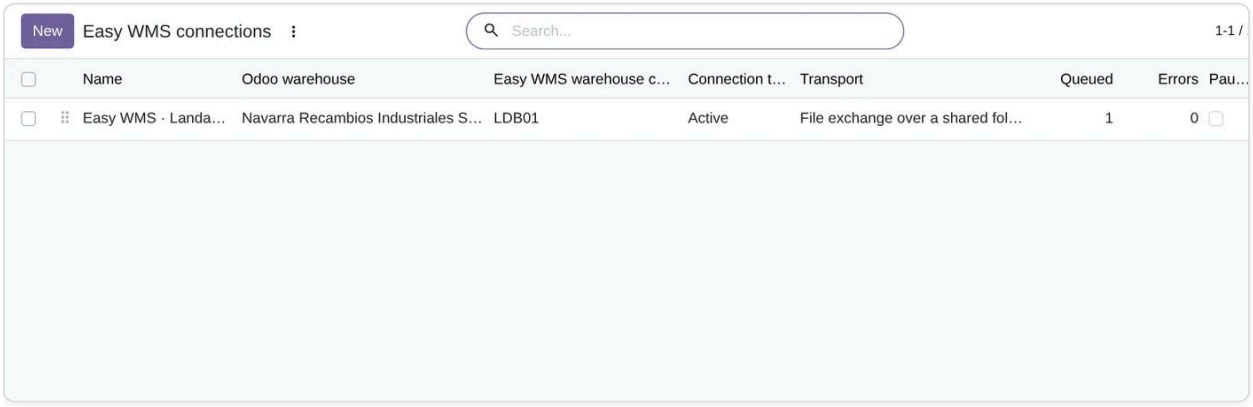
3 and 10
connections that go through FlexigoTech Cloud, on the Standard and the Pro plan

255
automated tests in the version for Odoo 20

Works on Odoo 17, 18, 19 and 20, Community and Enterprise: it requires Inventory, Purchase and Sales, which are Community apps, and FlexigoTech Cloud.

How it has been tested. The automated tests (255 in the version for Odoo 20 and 252 in those for 17, 18 and 19) run on Odoo 17, 18, 19 and 20 against an Easy WMS simulator that follows the published capture of Mecalux's own connector and the starting profile of the documents. FlexigoTech does not have an Easy WMS installation to test against, and Mecalux does not publish the format of its documents, so the connector has not yet been tested with a real Easy WMS. At the first real installation, it is necessary to confirm which OAuth grant it asks for, where the Tenant travels, the exact path of UriExecuteCommand, how the command carries the document, the SOAP service and the SFTP.

3 Where you see it in your Odoo



- **Real Odoo 20 screenshot.** **Easy WMS connections** list: warehouse, connection type, queued messages and errors for each one.

Easy WMS › Control panel	Summary of the connections and traffic, with the buttons **Send queue now** and **Poll Easy WMS now**.
Easy WMS › Operations	Contains **Messages** (what was sent and received), **Items** (the products sent to Easy WMS) and **Sync log** (what happened in each exchange and whether it succeeded).
Easy WMS › Tools	Contains **Analyse a document**, to test a document without changing anything, and **Send master data**, to send the master data to Easy WMS again.
Easy WMS › Configuration	Contains **Easy WMS connections**, where you register each connection, and **Commands and mappings**, which opens the **Documents** list with the document types of each connection.

Outside its own app, the connector adds to Odoo receipts and deliveries the button **Send to Easy WMS**, the **Easy WMS status**, the **Easy WMS reference** and the **Mecalux Confirmed At** date, and, once there are messages, the **Easy WMS** button that opens them. The transfers list gains the filters **Awaiting Easy WMS** and **Rejected by Easy WMS**. FlexigoTech Cloud has its own page under **Settings › FlexigoTech Cloud**.

4 What you need before starting

- A Mecalux Easy WMS installation with the interface you are going to use enabled by Mecalux: the command API, SOAP, files over SFTP or through a shared folder, or an exchange database. This is agreed with Mecalux on each project.
- The details from Mecalux's connection wizard: HostName, Tenant, UriToken and UriExecuteCommand, with the ClientId and the ClientSecret, and the MAPUser and MAPPass if your installation requires the password grant. For SFTP, the server, user and password. Each installation has its own, and Mecalux gives you the exact UriExecuteCommand path.
- For the command API, SOAP and SFTP, your Easy WMS server must have a public https address reachable from the internet. Before the first call, FlexigoTech adds that host to a closed list: write to us with your HostName. SFTP must listen on port 22.
- Odoo 17, 18, 19 or 20 on Odoo.sh or on your own server. Odoo Online does not work, because it does not allow installing third-party modules.
- An administrator user in Odoo: the only one who can see and save the credentials.

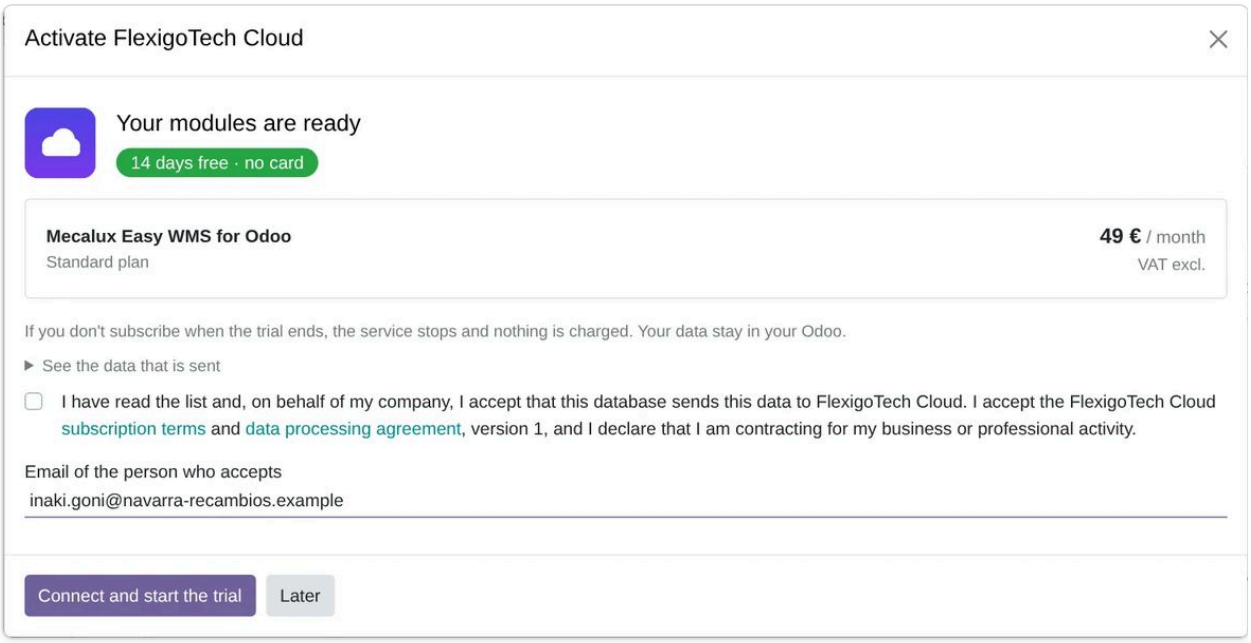
> The connector does not create anything in Mecalux Easy WMS. It does not register the application or the user, it does not issue credentials and it does not tell you the UriExecuteCommand suffix. Nor does it agree with Mecalux which documents are exchanged: that is done per project, and you request it from Mecalux.

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: Inventory, Purchase, Sales and Invoicing.

5 The FlexigoTech Cloud trial

1. **Press Activate in the bar at the top**

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



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

2 **Accept and enter your email**

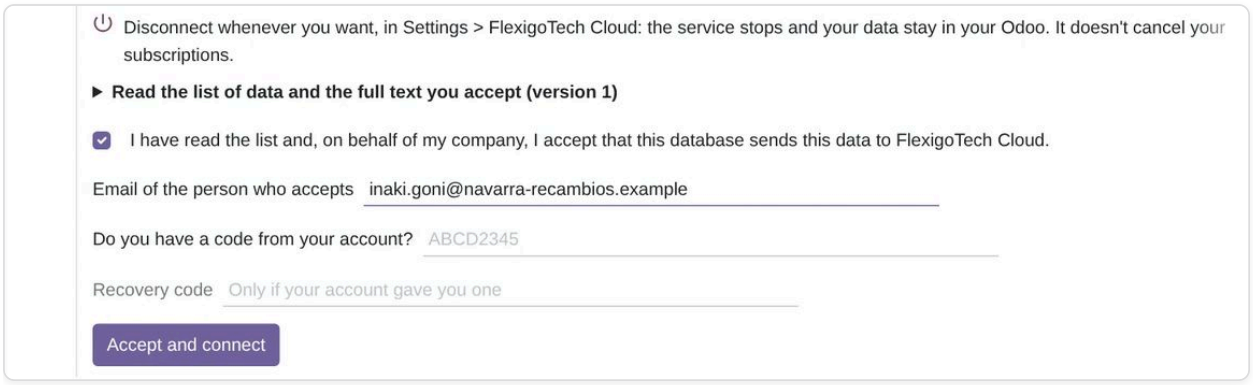
Tick «I have read the list and, on behalf of my company...» (it covers the subscription terms and the data processing agreement) and enter the **Email of the person who accepts**.

3 **Press 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.

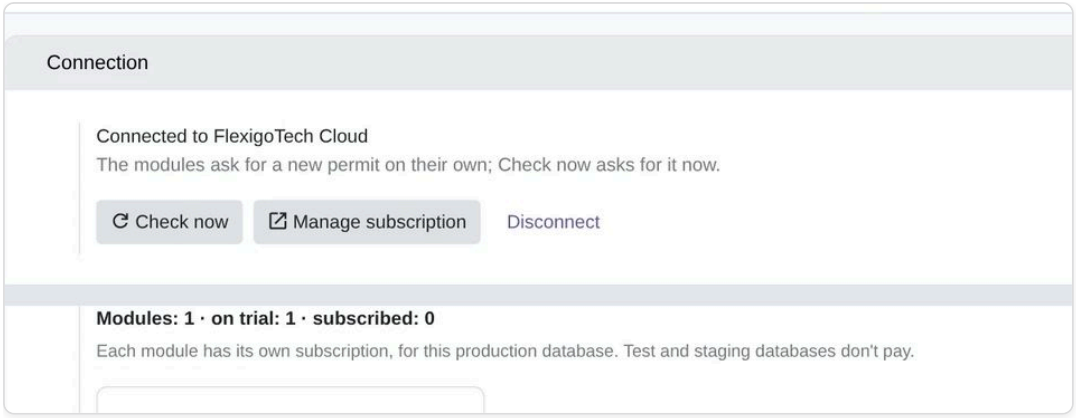
The same, from Settings

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



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

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



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

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

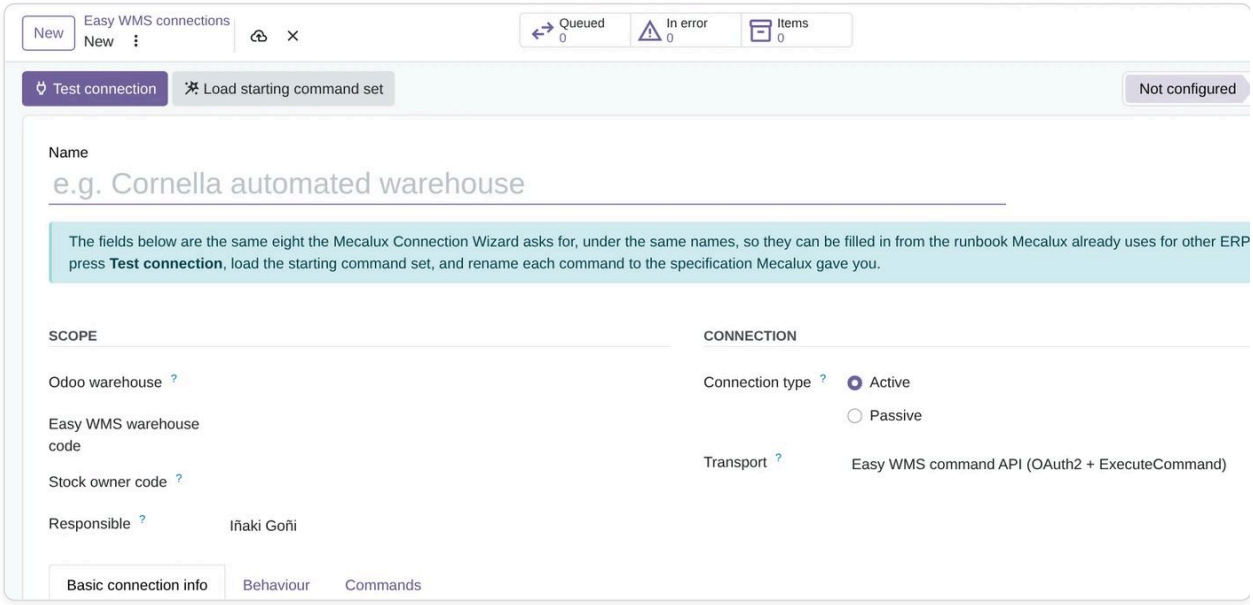
> You cannot start a trial on a neutralised copy (staging) or on a database with demo data. Settings says so with «This database is a neutralised copy or has demo data, so trials can't be started here.»

CONNECTOR GUIDE · MECALUX EASY WMS

6 Connecting your connection step by step

1 Open the connections and press New

In **Easy WMS › Configuration › Easy WMS connections**, press **New**. The new connection appears under **Not configured**, with a notice that reminds you of the eight fields of Mecalux's connection wizard.



- **Real Odoo 20 screenshot.** The new connection, with the buttons **Test connection** and **Load starting command set**.

2 Enter the name and the scope

Enter the name and, under **Scope**, choose the **Odoo warehouse** whose stock Easy WMS manages, and enter the **Easy WMS warehouse code**. The **Stock owner code** is only needed if your installation uses

Mecalux's "WMS for 3PL" module. The **Responsible** receives an activity when something fails; by default it is whoever creates the connection.

3 **Choose the connection type and the transport**

With **Active**, Odoo is in charge: it sends the documents and asks for the answers. With **Passive**, Easy WMS is in charge and calls your Odoo. In **Active** mode, the **Transport** is the interface your installation exposes and that you agreed with Mecalux.

4 **Fill in the connection details**

On the tab **Basic connection info**, the **Host** block asks for the HostName and, depending on the transport, the Tenant, the UriToken and the UriExecuteCommand. With files, the **File exchange** block asks for the format and the folders; with a database, the **Exchange database DSN**.

5 **Accept and save the credentials**

With the command API, SOAP or SFTP, an administrator ticks **I accept that my Easy WMS credentials are kept by FlexigoTech Cloud and that the calls to Easy WMS go through it**, enters the credentials in the **Credentials** block together (with the command API, also the **Oauth Grant**) and saves. Odoo sends them to FlexigoTech Cloud, which stores them encrypted and does not keep them. If FlexigoTech has not yet registered your host, Odoo says so and sends nothing.

6 **With Passive, generate the credential**

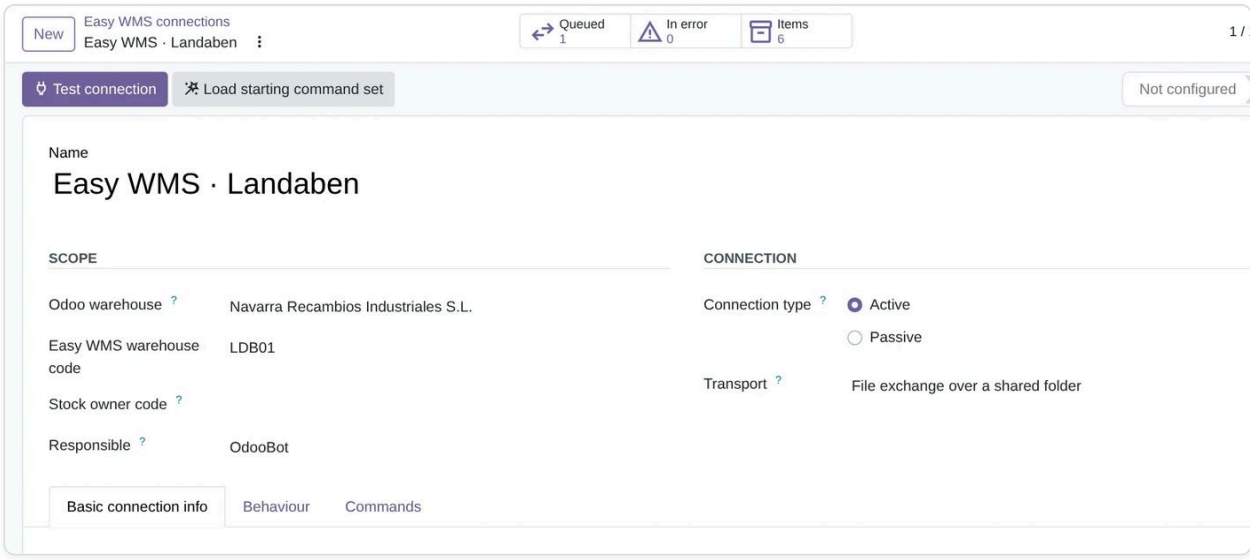
On the tab **Passive mode**, an administrator presses **Generate credential for Mecalux** and gives Mecalux the **Inbound Url** and that credential. Easy WMS will call your Odoo at that address, so your Odoo must be reachable from the internet.

7 **Press Test connection**

With **Active**, Odoo makes a real call: with the command API it requests the token and calls UriExecuteCommand, with SOAP it downloads the WSDL, and with files or a database it checks that the folders or the database are reachable. If it responds, the connection moves to **Connected**; if not, to **Connection error**, with the reason shown in red at the top. With **Passive** there is no round trip: it stays **Connected** while waiting for Easy WMS to call. While a connection remains **Not configured**, nothing is sent to it.

8 **Press Load starting command set**

It creates the starting documents (items, inbound and outbound orders, confirmations, stock...) with provisional command names. Those that already exist are left untouched, so you can press it twice. Rename them on the **Commands** tab according to what you agreed with Mecalux.

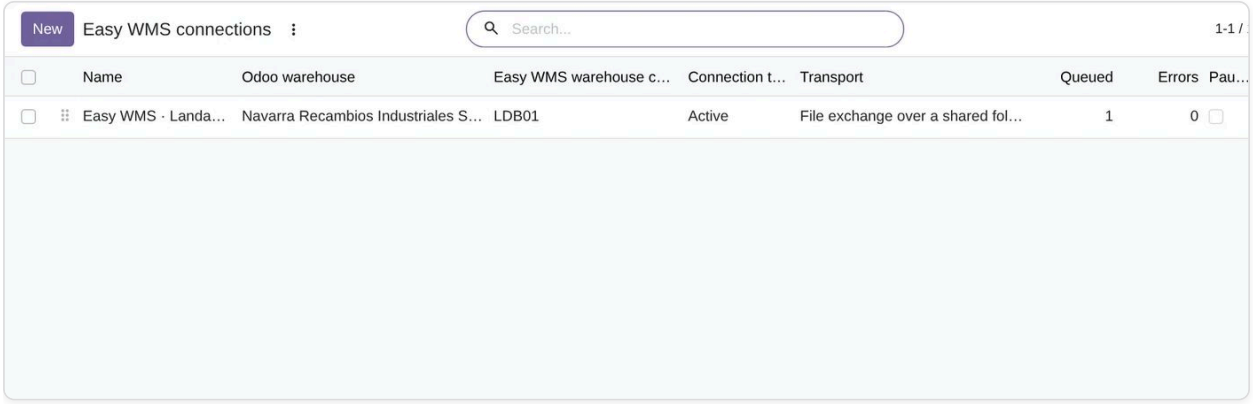


- **Real Odoo 20 screenshot.** The connection already connected, with its counters and the tabs.

> Only a system administrator sees the credentials, can accept the consent and changes where the data is sent. If another user tries, the message appears: "Only a system administrator, who can see the Easy WMS credentials, can change where they are sent or which server folders are used (...)."

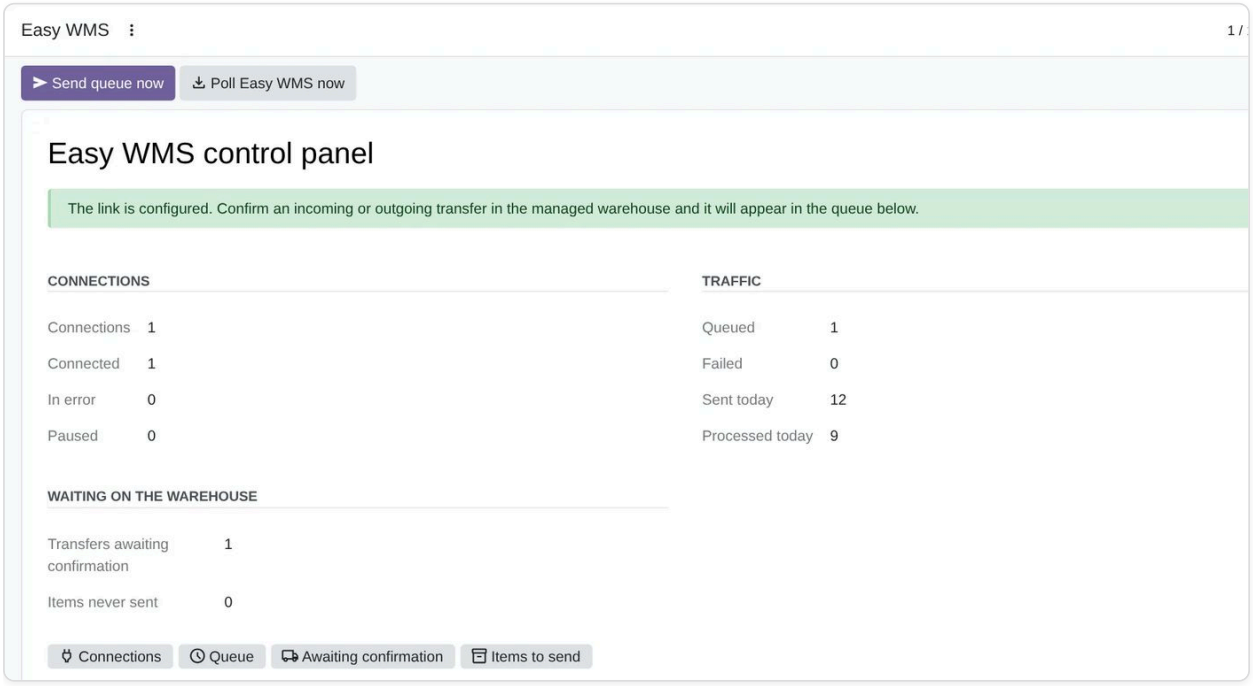
After that, the data arrives by itself. **Easy WMS: send queued documents** runs every 5 minutes and **Easy WMS: poll for answers** every 10. Anyone in the group **Mecalux: Integration Manager** can bring them forward with **Send queue now** and **Poll Easy WMS now**, on **Easy WMS › Control panel**.

> **Pause all traffic**, on the **Behaviour** tab, stops the sends and polls of the connection without deleting anything. While it is ticked, transfers you confirm are not announced automatically, and what you send by hand stays in **Draft**. When you remove the pause, send those transfers with **Send to Easy WMS** and move the drafts into the queue with the **Queue** button on each message.



- **Real Odoo 20 screenshot.** The connections list, with the warehouse, the transport, the queue and the status of each one.

7 The Easy WMS control panel



- **Real Odoo 20 screenshot.** Control panel with the connections, the traffic and what is pending at the warehouse.

You open it at **Easy WMS › Control panel**. There is a single panel, created when the module is installed. The panel's numbers are counts that Odoo calculates each time you open it.

Where each figure comes from

- What is in the queue comes from the documents that the task **Easy WMS: send queued documents** sends every 5 minutes.
- The answers from Easy WMS are collected by the task **Easy WMS: poll for answers** every 10 minutes.
- **Send queue now** and **Poll Easy WMS now** do the same immediately, without waiting for the task.

Send queue now	Sends the queue of documents immediately, without waiting for the scheduled task.
Poll Easy WMS now	Queries Easy WMS and applies the answers straight away.
Connections	Opens the connections list.
Queue	Opens the documents waiting to be sent.
Failures	Opens the failed documents. Only visible if there is any failure.
Awaiting confirmation	Opens the transfers waiting for confirmation from the warehouse.
Items to send	Opens the items that have never been sent.

Send queue now and **Poll Easy WMS now** are only visible to the group **Mecalux: Integration Manager**.

> The dashboard is read-only: it only shows counts and opens lists. The **Failures** button only appears when there are failed documents.

What the dashboard tells you

The screen has three groups: **Connections**, which shows how many there are and their state; **Traffic**, which shows the queue, failures, and what was sent and processed today; and **Waiting on the warehouse**, which shows the transfers awaiting confirmation and the items never sent.

The figures, one by one

Connections	The total number of connections.
Connected	How many have an active link.
In error	How many are in error.
Paused	How many are paused.
Queued	Documents waiting to be sent.
Failed	Documents that have failed.
Sent today	Documents sent today.
Processed today	Replies processed today.
Transfers awaiting confirmation	Transfers waiting for the warehouse to confirm.
Items never sent	Items never sent to Easy WMS.

Getting started

While something is missing, a warning appears at the top showing the step you are on, from 1 to 3: create the connection, get it to respond to **Test connection**, and press **Load starting command set**. Once everything is ready, the green notice says the link is configured and that the next transfer you confirm will go out in the queue.

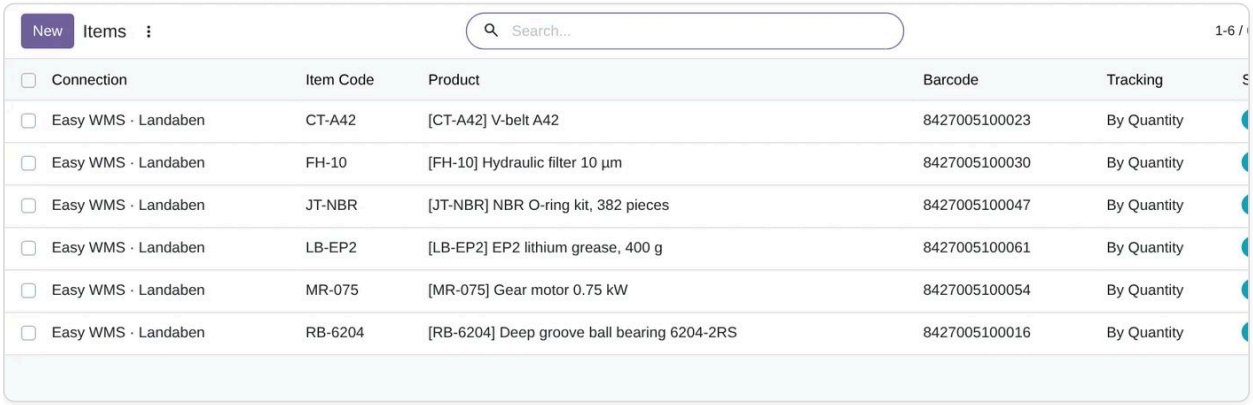
Rules and limits

- The buttons **Send queue now** and **Poll Easy WMS now** are only visible to the group **Mecalux: Integration Manager**.
- The **Failures** button is hidden when there are no failed documents.
- The task **Easy WMS: request stock snapshot** is switched off on installation. The task **Easy WMS: purge old successful log rows** runs every 7 days.

An end-to-end example

On the example screen there is 1 connection, connected and without errors. The queue holds 1 document and there are no failures. There is 1 transfer awaiting confirmation and no items unsent. You press **Send queue now** to empty the queue and **Poll Easy WMS now** to collect the replies. Then you open **Awaiting confirmation** to see which transfer is still waiting on the warehouse.

8 Items and master data to Easy WMS



- **Real Odoo 20 screenshot.** The item list with its connection, code, barcode, tracking and status.

The list is at **Easy WMS › Operations › Items**. An item is sent when a transfer with a product Easy WMS does not yet know goes out to Easy WMS, or when you ask for it. To request it, open the item and press **Send to Easy WMS**. The scheduled task **Easy WMS: send queued documents** runs every 5 minutes and sends whatever is in the queue.

List fields

Item Code	The code by which Easy WMS knows the product. By default it is the Odoo internal reference.
Barcode	The product's barcode.
Tracking	**By Unique Serial Number**, **By Lots** or **By Quantity**.
State	Shows whether Odoo and Easy WMS agree.

States

- **To send**: the item is waiting to be sent.
- **Sent**: Odoo has already sent it.
- **Acknowledged by WMS**: Easy WMS has accepted it.
- **Error**: the sending failed. The reason is in **Error Message**.

Resending master data

1. **Open the tool**
   Go to **Easy WMS › Tools › Send master data**.

2. **Choose the connection and the Scope**
   You can send **Only products Easy WMS has never seen**, **Every storable product** or **A chosen list of products**.

3. **Press Send**
   The wizard queues the chosen items. If you tick **Also send customers and suppliers**, the third parties are queued too.

> The wizard does not send while the connection is paused («Backend ... is paused. Resume it before resending master data.») or with an empty selection («Nothing to send with the current selection.»).

Each item is the link between an Odoo product and a connection. The same product can sit in several Easy WMS installations, each with its own code and logistic profile. That is why the link stores the code per connection and not on the product.

States and what they mean

To send	This is the initial state. The item is waiting to go to Easy WMS.
Sent	The item document has gone out to Easy WMS.
Acknowledged by WMS	Easy WMS has accepted the item.
Error	The sending failed. **Error Message** stores the reason and is read-only.

The item record

The item form groups **Odoo side** and **Logistic profile**. It holds **Item Code**, **Description**, **Barcode**, **Unit of measure code**, **Units Per Box**, **Boxes Per Pallet**, **Weight** and **Volume**. The connector fills units per box and boxes per pallet from the packaging your Odoo version has. **Last Sent At** shows when it last went out.

Change **Item Code** when the warehouse already had its own coding before Odoo, which is the usual case. Tick **Expiry controlled** so that Easy WMS requires and returns an item expiry date, which enables FEFO transfer on its side.

When the item is created

When a transfer with a product that has no item yet goes out to Easy WMS, the connector creates it and queues its record ahead of the order. The order does not fail because of it.

Resend rules

- The connection cannot be paused.
- The selection cannot be left empty.
- **Also send customers and suppliers** only makes sense when your customer's interface exchanges a third-party master. Many Easy WMS installations do not.
- **Estimated Count** shows how many products will go with the current selection.

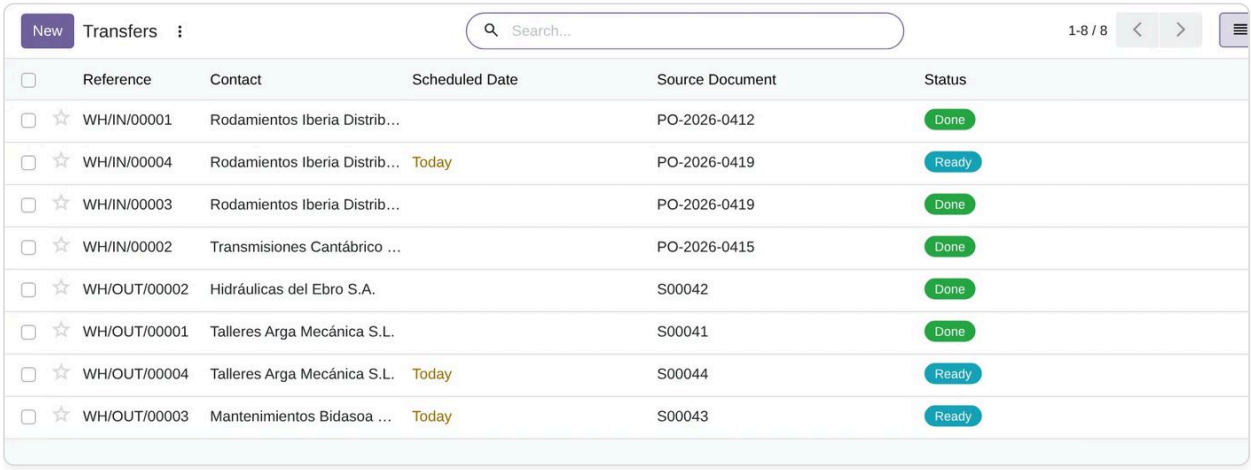
Searching the list

The list offers the filters **To send**, **In error** and **Lot / serial tracked**, and can be filtered by **Connection** and by **State**.

End-to-end example

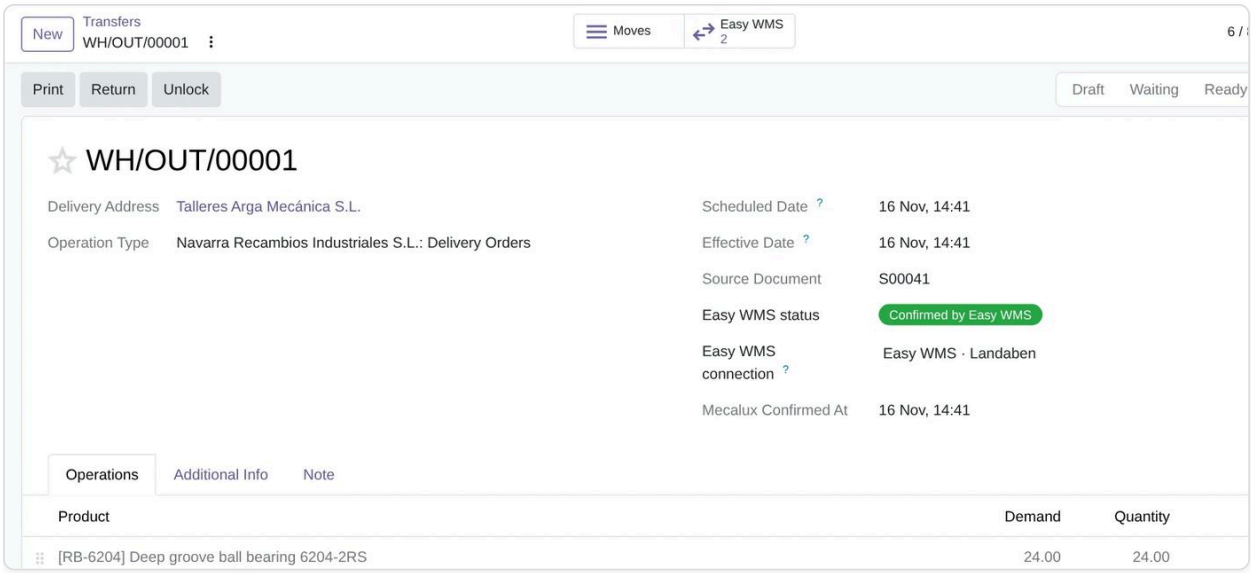
On the day of go-live you open **Easy WMS › Tools › Send master data**, choose the Landaben connection and tick **Every storable product**. You press **Send**. In **Easy WMS › Operations › Items** six items appear, such as CT-A42, tracked **By Quantity**. Each moves to **Sent** when it leaves the queue.

9 From the Odoo delivery order to Easy WMS



- **Real Odoo 20 screenshot.** Transfer list with the delivery orders WH/OUT/00001 to WH/OUT/00004.

The outbound order is queued when the delivery is confirmed in Odoo, if its warehouse is managed by an active connection, with **Send transfers automatically** switched on and not paused. If you do not want to wait for the task **Easy WMS: send queued documents**, which runs every 5 minutes, press **Send to Easy WMS** on the transfer. Easy WMS replies with two documents: the acknowledgement and the departure confirmation, which **Easy WMS: poll for answers** picks up every 10 minutes.



- **Real Odoo 20 screenshot.** Transfer WH/OUT/00001 with **Easy WMS status** at **Confirmed by Easy WMS**.

Transfer buttons and fields

Send to Easy WMS	Sends the transfer, or resends it, by hand. It is hidden if the warehouse is not managed by Easy WMS or if the transfer is **Done** or cancelled.
Easy WMS status	Where the transfer stands in Easy WMS.
Easy WMS reference	The identifier Easy WMS assigned to the order on its side.
Mecalux Confirmed At	Date and time of the confirmation. Read-only.
Easy WMS connection	The connection the transfer was announced to.

Easy WMS	The button above that opens the transfer's messages. It appears once there are some.

States

STATE	MEANING
Not sent	The transfer has not yet been announced to Easy WMS.
Sent to Easy WMS	The transfer is in the queue or has already gone out to Easy WMS.
Acknowledged	Easy WMS has acknowledged receipt of the order.
Confirmed by Easy WMS	Easy WMS has confirmed the goods dispatched.
Cancelled in Easy WMS	The transfer has been cancelled in Odoo and Easy WMS has been notified.
Rejected by Easy WMS	Easy WMS has rejected the order.

1. **Confirm the outbound transfer**
   Odoo puts it in the send queue if the warehouse is managed by Easy WMS.
2. **Wait for the send or click Send to Easy WMS**
   The document goes out to Easy WMS.
3. **Follow the status**
   It goes through **Sent to Easy WMS** and **Acknowledged** until **Confirmed by Easy WMS**.

> The **Send to Easy WMS** button only appears on transfers from a warehouse managed by an active connection. If that connection has no **Exit order (shipment request)** document or it is disabled, nothing is queued and the transfer stays at **Not sent**, with no warning: check the **Documents** list of the connection.

What Odoo does and what Easy WMS does

Odoo states what should happen and Easy WMS replies. The exit order is an instruction to dispatch and does not move stock in Odoo. Stock moves when the delivery is validated: with the connection's default settings, that happens with Easy WMS's confirmation, and nothing stops you from validating it by hand.

When the document goes out

When you confirm the transfer, the connector announces it to Easy WMS as soon as Odoo commits to it. This only happens if the warehouse is managed by a connection, the connection has automatic sending of transfers enabled, it is not paused, and the transfer still shows as **Not sent**. If the connector is misconfigured, confirming in Odoo does not fail: the error is logged in the **Sync log** and the warehouse keeps working.

Transfer statuses in Easy WMS

- **Not sent**: the initial value.
- **Sent to Easy WMS**: the document is already queued or has gone out.
- **Acknowledged**: Easy WMS has acknowledged receipt.
- **Confirmed by Easy WMS**: Easy WMS has confirmed the dispatch and **Mecalux Confirmed At** is filled in.

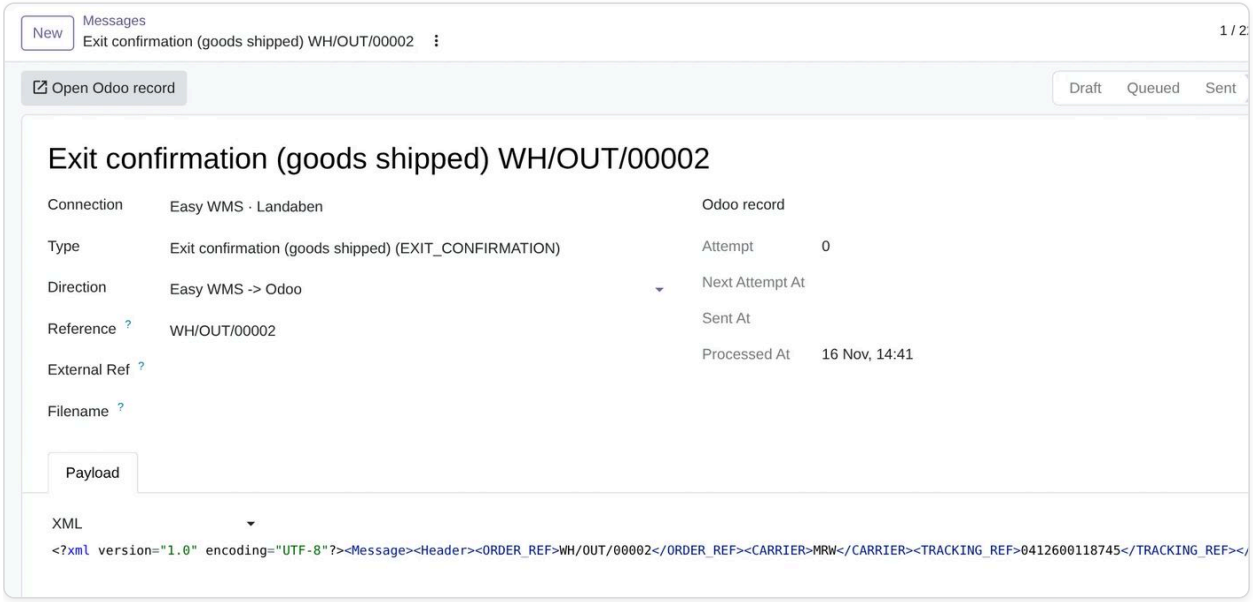
- **Cancelled in Easy WMS**: after cancelling the transfer in Odoo, Easy WMS is notified once.
- **Rejected by Easy WMS**: Easy WMS does not accept the order. The **Rejected by Easy WMS** filter finds them.

Rules and conditions

- If the exit document does not exist or is disabled on the connection, nothing is queued and the transfer stays at **Not sent**, with no warning: check the **Documents** list.
- The connector does not block anything: a transfer can be validated by hand. If its confirmation arrives later, it is ignored and recorded in the **Sync log**.
- The **Awaiting Easy WMS** filter gathers the transfers waiting for a reply.

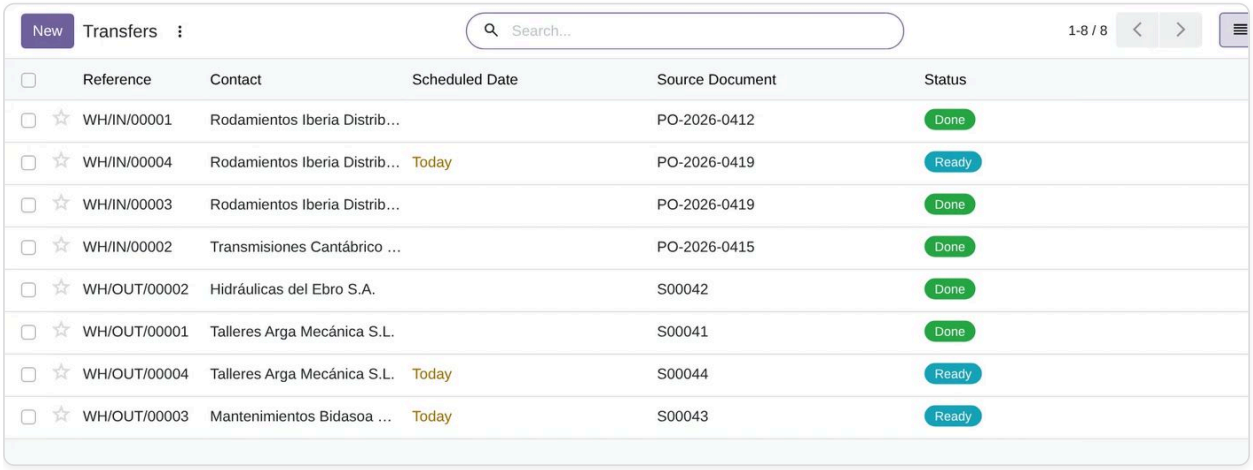
End-to-end example

Transfer WH/OUT/00001, for Talleres Arga Mecánica S.L. and with origin S00041, is confirmed in Odoo and the connector queues it. After sending and the acknowledgement, Easy WMS returns the dispatch confirmation with carrier and tracking number. The **Sync log** shows "WH/OUT/00001 validated from Easy WMS with 2 line(s)." The transfer moves to **Done** and its **Easy WMS status** is **Confirmed by Easy WMS**. In the same example, transfer WH/OUT/00004 receives a rejection and the log records "Easy WMS rejected WH/OUT/00004: KO".



- **Real Odoo 20 screenshot.** Dispatch confirmation message for WH/OUT/00002 with carrier, tracking and lines.

10 Purchase receipts confirmed by Easy WMS



- **Real Odoo 20 screenshot.** **Transfers** list with the WH/IN receipts in Done and Ready status.

Where each piece of data comes from

When you confirm a receipt in a warehouse managed by Easy WMS, Odoo puts it in the send queue. The **Easy WMS: send queued documents** task sends it every 5 minutes. The **Easy WMS: poll for answers** task collects every 10 minutes what the warehouse replies and applies it to the receipt. With **Send queue now** and **Poll Easy WMS now**, on the control panel, you do the same immediately.

On the receipt record

Send to Easy WMS	Sends or resends the receipt by hand. It is hidden if the warehouse is not managed by Easy WMS or if the receipt is in Done or Cancelled status.
Easy WMS connection	The connection to whose warehouse the receipt was announced.
Easy WMS status	Where the receipt stands in the exchange.
Easy WMS reference	The identifier Easy WMS assigned to the order on its side.
Mecalux Confirmed At	Date and time of the confirmation.
Easy WMS	The button at the top that opens the transfer's messages. It appears once there are some.

Statuses

- **Not sent**
- **Sent to Easy WMS**
- **Acknowledged**
- **Confirmed by Easy WMS**
- **Cancelled in Easy WMS**
- **Rejected by Easy WMS**

The **Awaiting Easy WMS** and **Rejected by Easy WMS** filters in the transfers list show you the receipts awaiting a reply or rejected by the warehouse.

1. **Confirm the receipt in Odoo**
   It goes into the send queue.

2. **Wait for the send**
   The send task passes it to Easy WMS.

3. **Receive the confirmation**
   The quantities counted by the warehouse are written to the receipt, and it is validated if **Validate transfers on WMS confirmation** is switched on.

> The connector does not stop you validating a receipt by hand. If its confirmation arrives afterwards, the connector leaves it alone and notes it in the **Sync log**: «… was already validated; confirmation ignored.»

What statuses a receipt has and what each one means

STATUS	MEANING
Not sent	Initial status: the receipt has not been announced to Easy WMS.
Sent to Easy WMS	The receipt is announced to the warehouse.
Acknowledged	Easy WMS has accepted the document.
Confirmed by Easy WMS	The warehouse has confirmed what was received.
Cancelled in Easy WMS	The receipt was cancelled in Odoo and the connector reported it.
Rejected by Easy WMS	Easy WMS has rejected the document.

When it is announced automatically

The receipt is announced when it is confirmed in Odoo. It is skipped if the warehouse has no connection, if the connection does not send transfers automatically, if it is paused, or if the receipt already has a status other than **Not sent**. If queuing fails, the confirmation in Odoo still goes ahead and the failure is logged in **Sync log**. When an already-sent receipt is cancelled in Odoo, the connector notifies Easy WMS once.

Rules and conditions when applying the confirmation

The connector looks up the receipt by the reference Odoo sent and, failing that, by the message link. It only searches within the warehouse and company of the connection, because two companies can each have their own WH/IN/00012. Each line is matched to the product by item code, then by barcode, then by internal reference. The product name is not used for matching. The same confirmation applied twice does not duplicate quantities.

These cases prevent the confirmation being applied and leave the message in error:

- No receipt exists that matches the one Easy WMS confirms.
- Easy WMS reports an item that does not correspond to any Odoo product on the connection.
- A goods-in confirmation arrives for a transfer of another type.
- The receipt is cancelled in Odoo.
- Easy WMS confirms products that are not on the receipt.

- The confirmation carries no usable line.
- Less is confirmed than was ordered and partial confirmations are disabled on the connection.

When you click **Send to Easy WMS** on a warehouse with no active connection, Odoo replies «... belongs to warehouse ..., which is not managed by any active Mecalux backend.»

Record fields

The Easy WMS fields appear on the receipt, below the source document. **Mecalux Confirmed At** is read-only, and **Easy WMS connection** is only visible to the group **Mecalux: Integration Manager**.

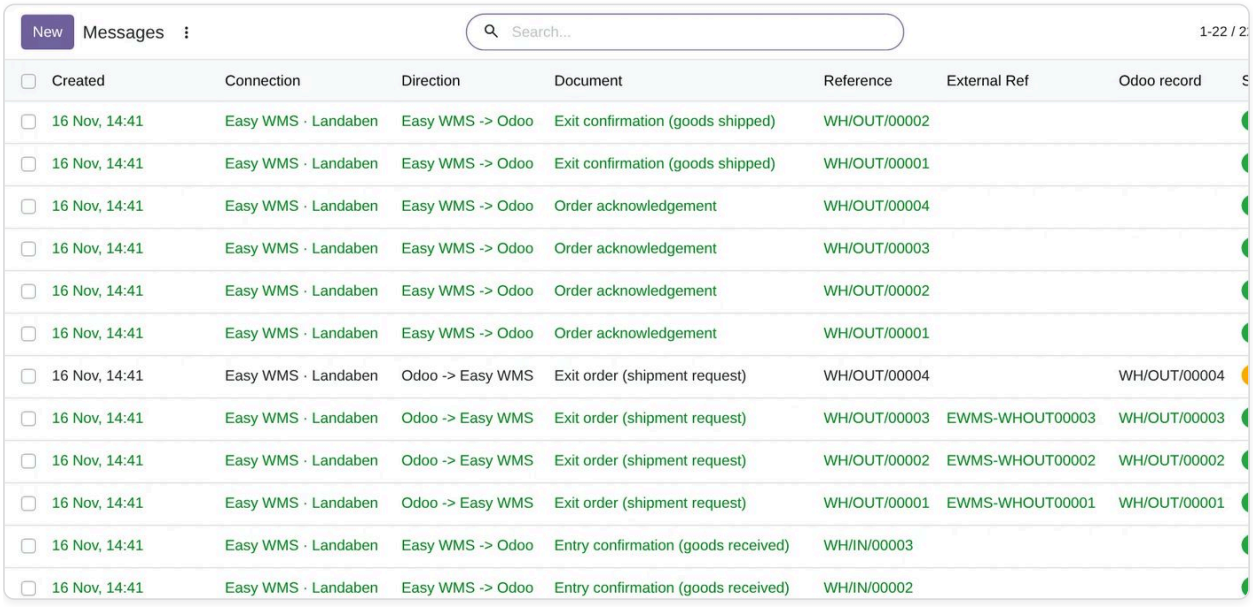
End-to-end example

The **Sync log** reads "WH/IN/00002 validated from Easy WMS with 2 line(s)." : receipt WH/IN/00002, from Transmisiones Cantábrico S.L. (source document PO-2026-0415), moved to Done with what the warehouse counted. In the transfers list, WH/IN/00004, from Rodamientos Iberia Distribución S.L., is still in Ready. In **Messages** you follow each exchange, and the log says whether it came out **Success** or **Error**.

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11 Messages and the sync log

You find the messages under **Easy WMS › Operations › Messages** and the log under **Easy WMS › Operations › Sync log**. Each message stores what went out or came in, as it was, and the reply from the other end.



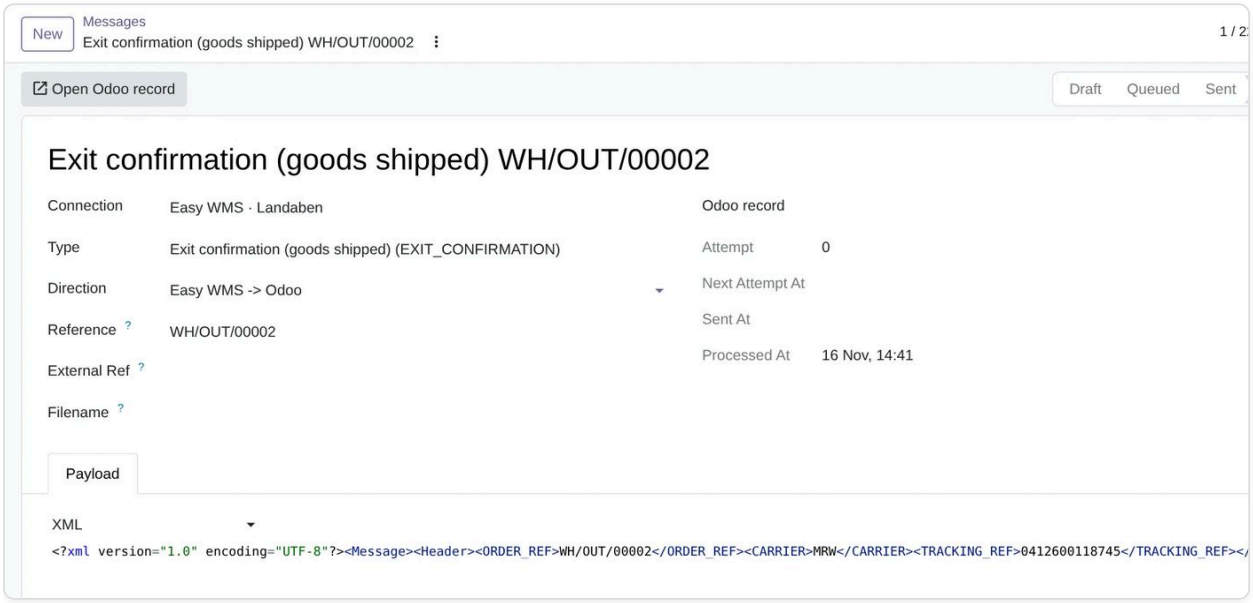
- **Real Odoo 20 screenshot.** The **Messages** list with the document, reference and status of each one.

Where the data comes from

- The scheduled task **Easy WMS: send queued documents** sends pending messages every 5 minutes.
- The scheduled task **Easy WMS: poll for answers** collects and applies Easy WMS replies every 10 minutes.
- The scheduled task **Easy WMS: purge old successful log rows** deletes successful log rows older than 180 days every 7 days. Messages are not deleted.

Message buttons

Retry now	Retries a message in **Error** or **Cancelled**. Like **Queue** and **Cancel**, only the group **Mecalux: Integration Manager** sees it.
Queue	Moves a message in **Draft** to the outgoing queue.
Cancel	Cancels the message. It is not shown if it is already **Processed** or **Cancelled**.
Open Odoo record	Opens the Odoo document the message refers to, for example the transfer. It only appears if the message is linked to one.



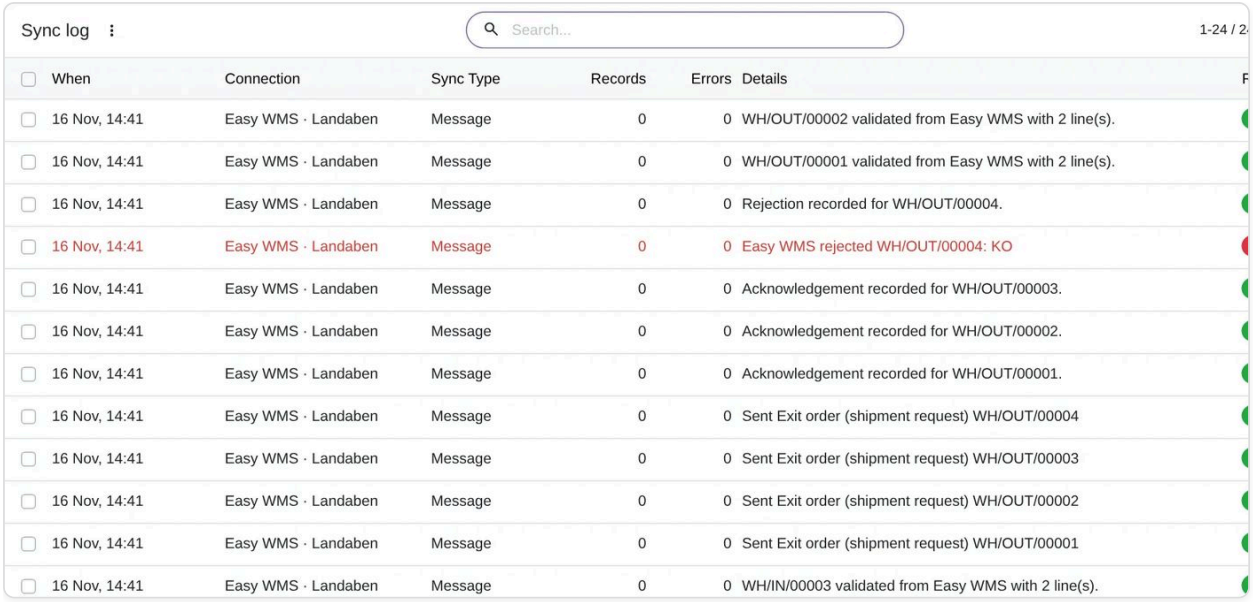
- **Real Odoo 20 screenshot.** An open message, with **Open Odoo record** and the **Payload**.

States

A message goes through **Draft**, **Queued**, **Sending**, **Sent** and **Processed**. It can also be **Error** or **Cancelled**.

Sync log

Each row shows when it happened, the connection, the kind, the number of records and errors, the detail and the **Result**: **Success** or **Error**.



- **Real Odoo 20 screenshot.** The **Sync log** list with the **Result** of each row.

> A **Processed** message cannot be cancelled: Odoo asks you to undo the change in the Odoo document.

How a message is stored

Each document that travels between Odoo and Easy WMS is kept as a row: what it was, which Odoo record it belongs to, the exact payload, when, and how many attempts it took. This means a message can be resent or reprocessed months later from the archived payload.

Each message carries a key that prevents the same document from being processed twice. The key is built from the connection, the document, the reference and the payload. If Easy WMS resends a corrected confirmation with the same number but different content, it counts as a new message, not a duplicate.

States and what they mean

Draft	The message exists but is not yet in the queue. **Queue** puts it into the outbound queue.
Queued	Waiting for its turn to be sent.
Sending	Being sent.
Sent	Has left for Easy WMS.
Processed	Applied in Odoo. It can no longer be cancelled.
Error	Failed. It can be retried from **Retry now**.
Cancelled	Discarded. It can also be retried.

Rules and conditions

- **Retry now** resets the wait between attempts, unlike an automatic retry.
- If a message uses up its retries, the **Responsible** of the connection receives an activity.
- Sending is done connection by connection: one Easy WMS server being down does not stop messages for the others from being sent.

- When a send fails, the attempt number, the next attempt and the error text are kept.
- A received document is applied entirely or not at all: if the confirmation fails halfway, the transfer stays as it was and the message retries it. If it uses up its attempts, it is left in **Error**.
- Only outbound messages can be sent: with an inbound one you get "Only outbound messages can be sent".

The open message

Connection, **Type**, **Direction**	Which connection it belongs to, what document it is and where it is going: **Odoo → Easy WMS** or **Easy WMS → Odoo**.
Reference and **External Ref**	The reference both systems share, usually the transfer name, and the identifier Easy WMS gives the document if it returns one.
Filename	The filename used by file-based transports.
Attempt, **Next Attempt At**, **Sent At**, **Processed At**	How many attempts it has taken and the dates of sending and processing.
Payload and **Response**	The tabs with what went out or came in and what the other end replied, verbatim. The payload is the evidence for resolving a discrepancy.

To locate messages there are filters such as **In error**, **Queued**, **Odoo → Easy WMS**, **Easy WMS → Odoo** and **Today**, and groupings by **Backend**, **Document** and **State**.

The sync log

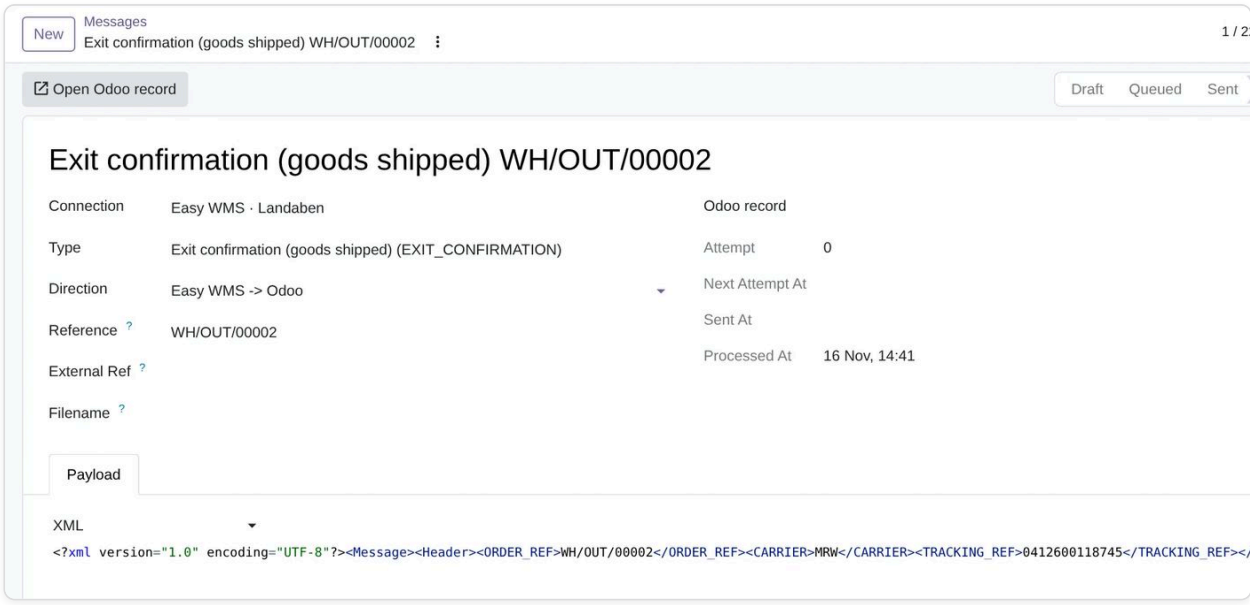
The log answers whether the integration was working at a given moment: one row for each run, connection test or message result. The kinds are **Connection test**, **Message**, **Outbound flush**, **Inbound poll**, **Stock reconciliation**, **Transfer** and **Master data**. It can be filtered with **Errors only**, **Today**, **Connection** and **Kind**. The **Related document** column links to the message.

When a row shows **Error**, the **Responsible** of the connection receives an activity. Failures of a message that is still going to be retried do not create one: the message creates its own when it uses up its attempts.

End-to-end example

1. **The outbound in Easy WMS**
   WH/OUT/00002, from Hidráulicas del Ebro S.A., was sent to Easy WMS on confirmation, and Easy WMS acknowledged it.

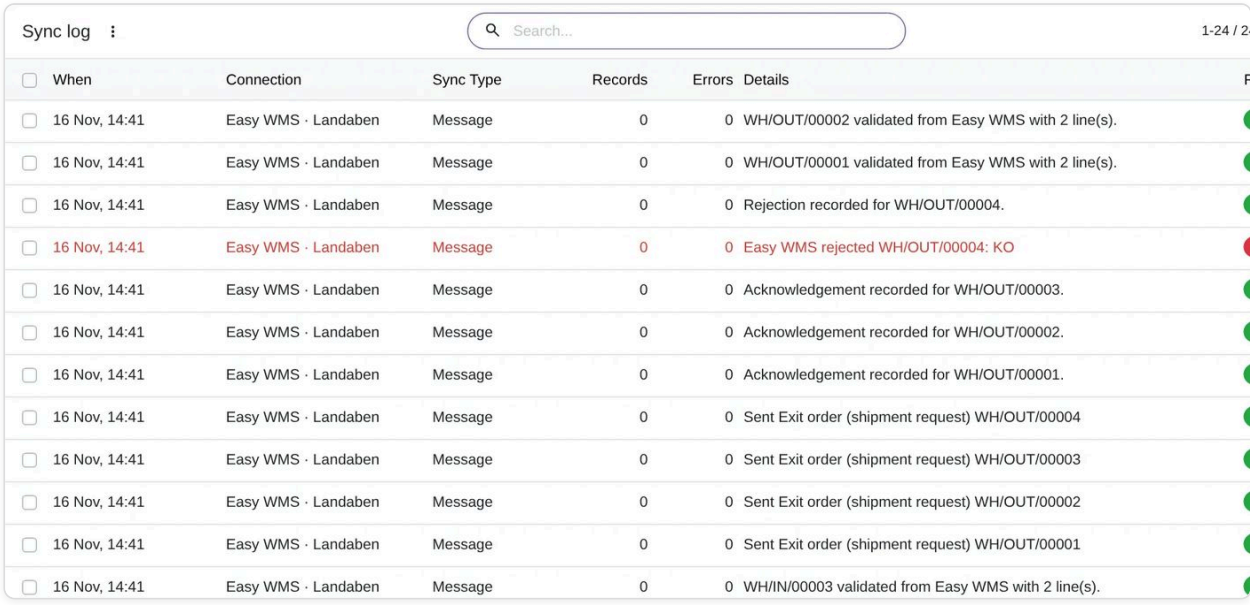
2. **The Easy WMS confirmation**
   Easy WMS sends the exit confirmation with the carrier MRW, the tracking number and two lines. The message appears in **Messages** as **Easy WMS → Odoo**.



- **Real Odoo 20 screenshot.** The message for the exit confirmation of WH/OUT/00002 with its **Payload**.

3 Applied in Odoo

The message becomes **Processed**, the transfer becomes Done, and the log records "WH/OUT/00002 validated from Easy WMS with 2 line(s)." with result **Success**.

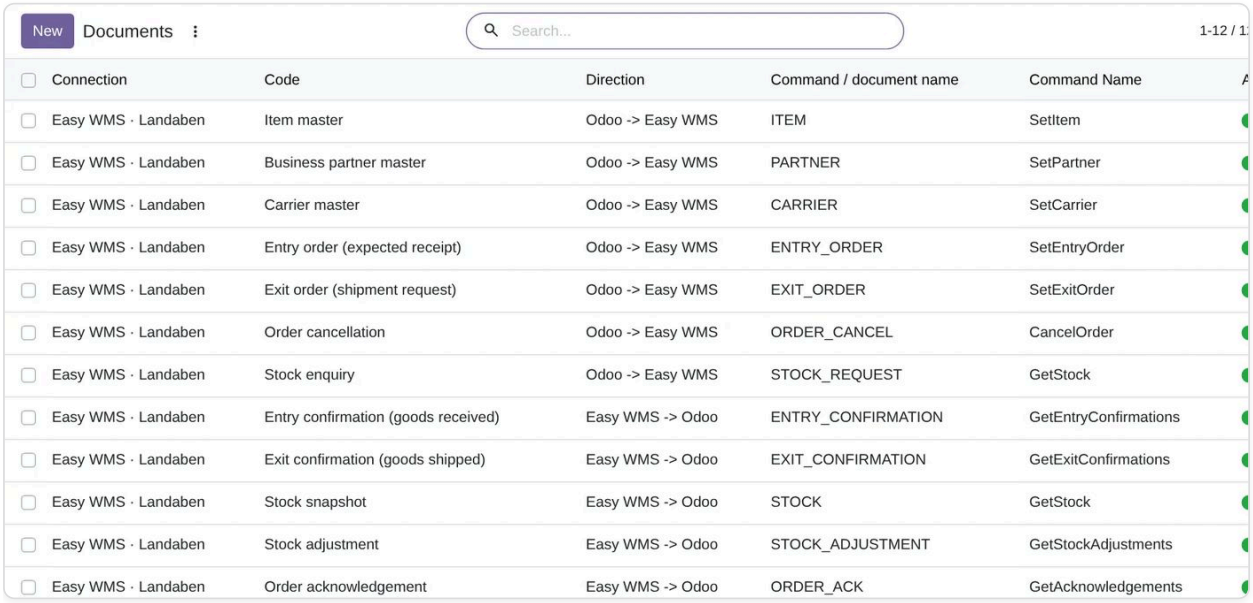


- **Real Odoo 20 screenshot.** The rows of the **Sync log** with their result.

4 A rejection

Easy WMS rejected WH/OUT/00004: the log records "Easy WMS rejected WH/OUT/00004: KO" with result **Error**, and another row, "Rejection recorded for WH/OUT/00004.".

12 Commands, documents and field mappings



- **Real Odoo 20 screenshot.** The **Documents** list with one document per row: direction, command or document name and command name.

Each row of the **Documents** list is a document type of a connection. The list shows **Connection**, **Code**, **Direction** (**Odoo → Easy WMS** or **Easy WMS → Odoo**), **Command / document name**, **Command Name** and **Active**. Open a row to edit its form.

Where each piece of data comes from

Outbound documents (Odoo → Easy WMS) are sent by the scheduled task **Easy WMS: send queued documents**, every 5 minutes. Inbound ones (Easy WMS → Odoo) are collected by the task **Easy WMS: poll for answers**, every 10 minutes, and processed straight after.

What is in the document form

Active	Deactivates a document the customer's interface does not use. Nothing is queued for a deactivated type.
Command / document name	The name Easy WMS gives this operation. It is required.
Command Name	The value sent as the command. By default it matches the command or document name; change it when Easy WMS writes the command differently from the document.
Root Tag, **Header Tag**, **Line Tag**	The XML elements. They are filled with Message, Header and Line.
Filename Pattern	The name of the file written or searched for in file exchanges. It comes as {code}_{reference}_{sequence}.xml.
Table Name	The intermediate table read and written in database exchange.
Header fields and **Line fields**	Tabs with the field mapping: each row links a **Wire Field** with a **Source Path** (what is read from Odoo when sending) or a **Target Path** (where it is stored when receiving), with its **Fixed Value**, its **Data Type** and whether it is **Required**.

Notes	Free text: what Mecalux said about the document, which version of the interface it belongs to, and who agreed it.

> You cannot change the meaning of **Code**: the document list is fixed. Only their name, location and fields change. The filename pattern cannot contain path separators or '..': if it does, Odoo shows "The file name pattern must be a bare file name, with no path separators and no '..'".

What is configured on screen and what is not

Mecalux agrees the format of the documents with each installation and does not publish a closed catalogue. That is why the connector stores it as data you edit on screen, without touching code. The only fixed thing is the meaning of each document: **Item master**, **Business partner master**, **Carrier master**, **Entry order (expected receipt)**, **Exit order (shipment request)**, **Order cancellation**, **Stock enquiry**, **Entry confirmation (goods received)**, **Exit confirmation (goods shipped)**, **Stock snapshot**, **Stock adjustment** and **Order acknowledgement**.

Direction and status of the document

The **Direction** is calculated from the **Code**. An **Active** document is sent or awaited. A deactivated one generates nothing in the queue.

Groups and tabs of the form

- **Addressing**: how the document is located on each transport: command name, file pattern, table.
- **XML shape**: the root, header and line tags. They are ignored in CSV and JSON.
- **Header fields** and **Line fields**: the field mapping.
- **Notes**: the agreement with Mecalux about that document.

Addressing

Command Payload Key is the key under which the command carries the document. It comes as data and is editable, because it is not known until Mecalux confirms it. **Soap Action** is the header for the SOAP transport.

How fields are translated

Each row of the mapping links an Easy WMS field with an Odoo value. In an outbound document a value is read from the Odoo record and written into the Easy WMS field. In an inbound one, the Easy WMS field is stored under the name Odoo uses, so an installation that calls the quantity by another name needs no code changes. If the value does not exist, the fixed value is sent, and if the data is missing from an optional relation no error is raised.

Rules and errors

- If a row is marked as mandatory and its value is missing, the outbound document is not sent: it ends up in error with the reason «...: required field ... is empty (source: ..., record: ...).»
- If a value cannot be converted to the indicated type, the error is "Cannot format ... as ... from ...: ...".
- An empty inbound Easy WMS document gives «Empty Mecalux document.», and one with invalid JSON gives «The Mecalux document is not valid JSON: ...».
- In the filename pattern, an unknown placeholder is left as it is, so a typing error does not stop the warehouse.

Date and number format

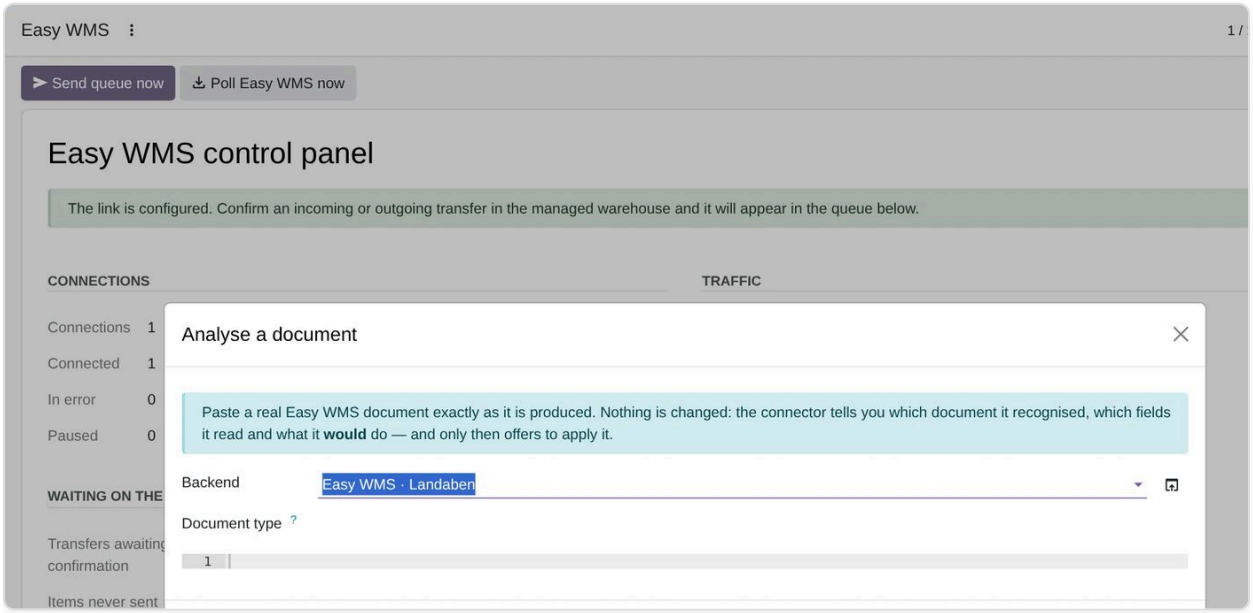
Decimals come with 3 and the date format is %Y-%m-%d. When reading a number, forms such as 1,500 and 1.500 are accepted, because warehouse exports are not consistent about the decimal separator.

End-to-end example

When Easy WMS confirms the exit of WH/OUT/00002, an **Exit confirmation (goods shipped)** document arrives, which is seen in **Easy WMS › Operations › Messages** as **Easy WMS → Odoo**. Its payload carries the reference WH/OUT/00002, the carrier MRW, the tracking number 0412600118745 and two lines: 30 units of CT-A42 and 2 of MR-075. The connector reads each field according to that document's mapping, validates the transfer and the log records "WH/OUT/00002 validated from Easy WMS with 2 line(s).".

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13 Analysing a document before applying it



- **Real Odoo 20 screenshot.** The **Analyse a document** window with the **Backend** and **Document type** fields and the box where the document is pasted.

You open it from **Easy WMS › Tools › Analyse a document**. There is no scheduled task behind it: the document arrives because you paste it, and the analysis starts when you press **Analyse**.

Backend	The Easy WMS connection with which the document is interpreted. It is required and, when the window opens, the first existing one appears.
Document type	If you leave it empty, the connector recognises the document from its content, just as the inbound poll would.
Document	The box where you paste the XML, JSON or CSV exactly as Easy WMS generates it.
Reading	The section that shows the result: which document was recognised, which fields were read and what the connector would do.
Analyse	Reads the document and explains it. It changes nothing.
Apply for real	Processes the pasted document as if it had arrived from Easy WMS. It only appears after you analyse it.

Close	Closes the window.

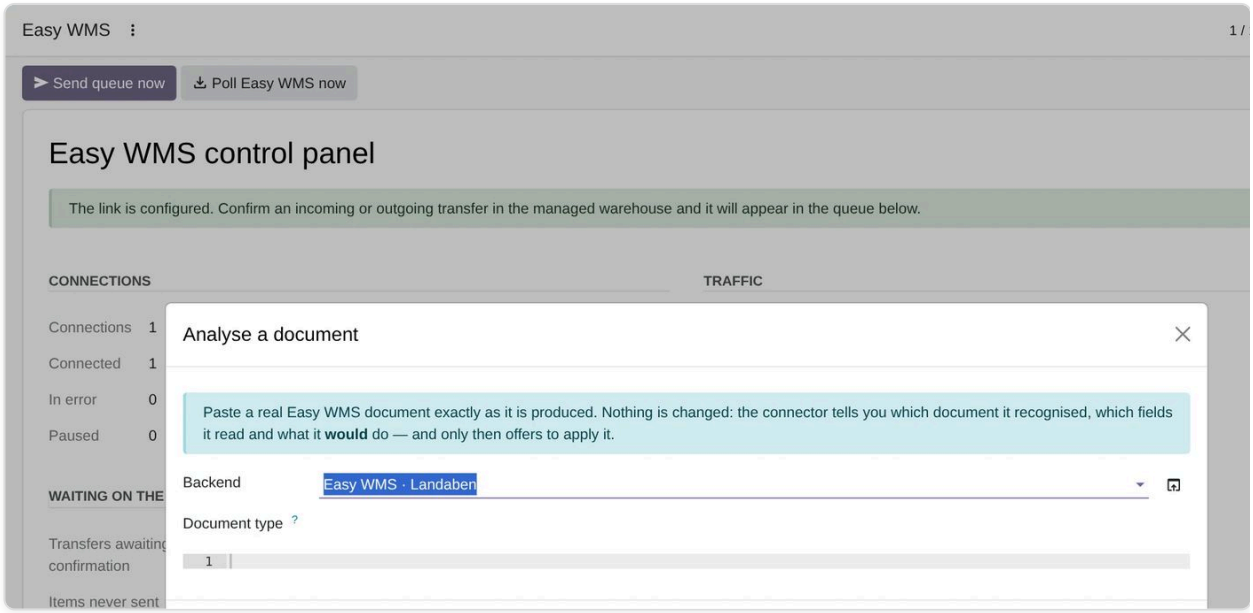
What you see at each step

- When you open the window, only **Analyse** and **Close** are there.
- After **Analyse**, the **Reading** explains what the connector would do and **Apply for real** appears.

How to use it

1. **Open the tool**

   Go to **Easy WMS › Tools › Analyse a document** and check the **Backend**.



   - **Real Odoo 20 screenshot.** The empty window, ready for a document to be pasted.

2. **Paste the document**

   Copy the document exactly as Easy WMS generates it into the **Document** box.

3. **Click Analyse**

   In **Reading** you see which document was recognised and what the connector would do. Nothing is changed.

4. **Decide**

   If the reading is correct, click **Apply for real**. If not, click **Close**.

> Only inbound documents, those going from Easy WMS to Odoo, can be applied: with an outbound one, Odoo replies "Only inbound documents can be applied.". If the analysis did not recognise the document and you did not choose a **Document type**, it replies "Analyse the document first.".

What it is for

A Mecalux technician can paste one of their own files and see what the connector recognises, which fields it reads and what it would do with it, without changing anything. Only after that, if the reading is correct, is it

applied. It is also useful for debugging an integration when something does not add up.

What you see at each step

When you open the window	You choose the connection and the type, and paste the document. Only **Analyse** and **Close** are there.
After Analyse	The **Reading** stays on screen and **Apply for real** appears.

Rules and conditions

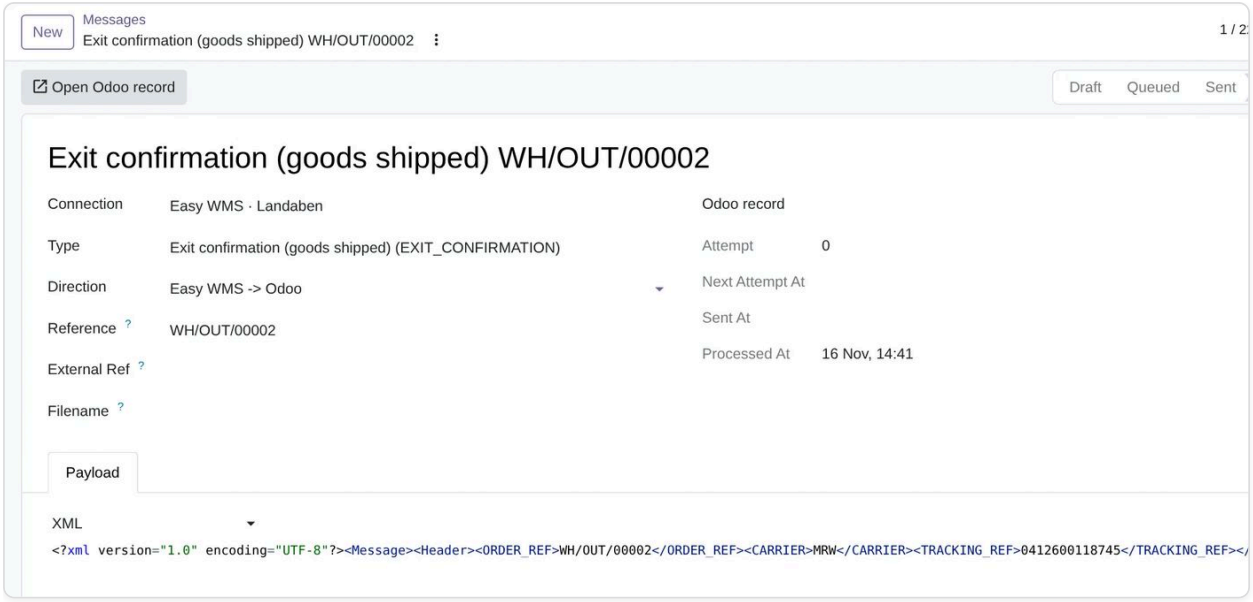
- **Apply for real** only appears after analysing.
- The type applied is the one recognised during analysis and, if there was none, the one you chose in **Document type**. If neither exists, it shows "Analyse the document first.".
- Only inbound documents are applied. With an outbound one it shows "Only inbound documents can be applied.".
- Analysing never changes data. Applying processes the document as if it had arrived from Easy WMS.

Window fields

Backend	Required. By default, the first connection that exists.
Document type	Optional. If empty, the connector decides from the content.
Document	Required. XML, JSON or CSV exactly as Easy WMS generates it.
Reading	Read only. This is where it explains what applying the document would do.

End-to-end example

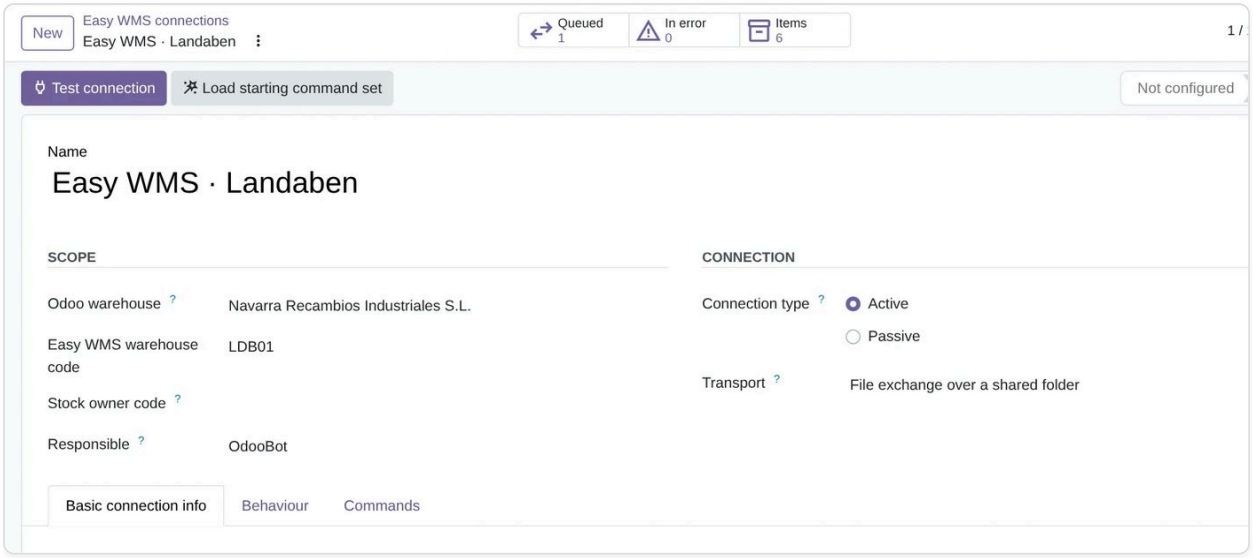
Easy WMS has sent the outbound confirmation for WH/OUT/00002, with 30 units of CT-A42 and 2 of MR-075 and the carrier MRW. You go to **Easy WMS › Tools › Analyse a document**, choose the Landaben connection in **Backend**, paste the XML into **Document** and click **Analyse**. In **Reading** you see which document the connector recognised and what it would do with it. If it is what you expected, you click **Apply for real**. Afterwards you check the result in **Easy WMS › Operations › Messages**, where the outbound confirmation appears as **Processed**, and in **Easy WMS › Operations › Sync log**.



- **Real Odoo 20 screenshot.** The outbound confirmation for WH/OUT/00002 as **Processed**.

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14 How documents travel: API, SOAP, SFTP, folder or database



- **Real Odoo 20 screenshot.** Connection form with the transport field and the connection details.

The transport is chosen in the connection form, in **Easy WMS › Configuration › Easy WMS connections**. Each connection uses one transport. Calls to Easy WMS by commands, by SOAP and by SFTP go out through FlexigoTech Cloud, and the calls are sent to the server you indicate in HostName. SFTP uses port 22.

Where each piece of data comes from

- **Easy WMS: send queued documents** sends the pending documents every 5 minutes.
- **Easy WMS: poll for answers** checks every 10 minutes what Easy WMS has waiting and processes it.
- On the command transport, each inbound command is queried one by one. If a command is not configured, it is skipped without warning.

Connection buttons

Test connection	Checks the channel. For commands it really authenticates against Easy WMS. For SOAP it downloads the WSDL and checks that the response is one. With files or database, it checks that the folders or the database can be reached.
Load starting command set	Loads the starting commands and documents, which you then rename according to the Mecalux specification. Those that already exist are left alone.

Statuses

The connection stays at **Not configured** until it responds to **Test connection**. Then it moves to **Connected**, or to **Connection error** with the reason in red. If FlexigoTech Cloud does not let a call through, nothing is sent to Easy WMS and nothing is marked as wrong. What had already been read in an interrupted query is not lost.

> No Easy WMS redirect is followed. If Easy WMS limits the rate (HTTP 429), the message stays queued and is retried. With the command transport, if the token service rejects the stored credentials, the error tells you the other grant you can choose. In SFTP, a file still waiting in the outbound folder is never overwritten: it is sent again when Easy WMS picks it up.

The five transports

Commands	OAuth2 against the Easy WMS token service and calls to a single command execution endpoint. It is the channel used by Mecalux's own connector.
SOAP	A SOAP envelope sent to the Easy WMS server. It is included because some integrators say older installations offer it; not confirmed.
SFTP	XML, CSV or EDI files in SFTP folders. You indicate folders, not the home folder, and the server listens on port 22.
Shared folder	The same files in a directory accessed by the Odoo server.
Exchange database	Intermediate tables that Odoo reads and writes.

Rules and errors by transport

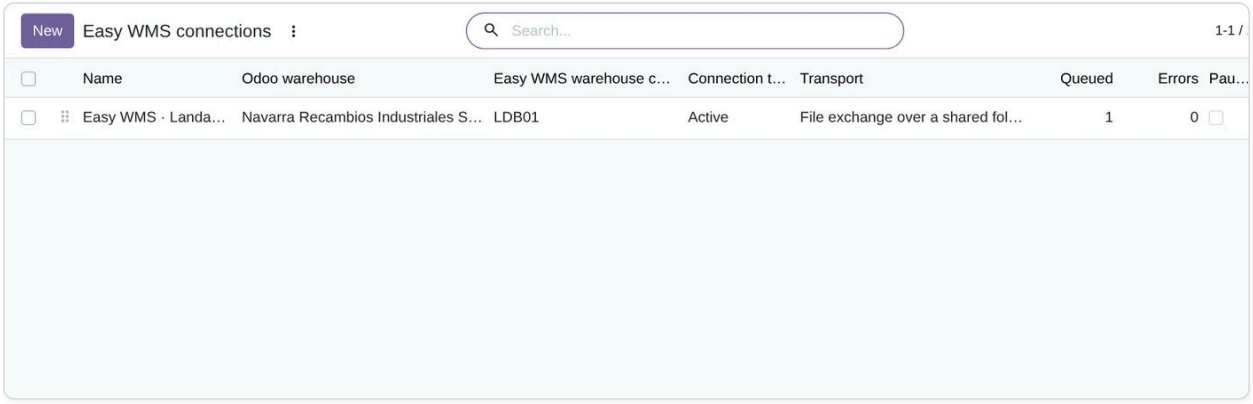
- Commands: «Easy WMS answered with a redirect to …. Refusing to follow it.» «Easy WMS is rate-limiting this connection (HTTP 429). The message stays queued and will be retried.» «Easy WMS returned HTTP …: …», for any code from 400 upwards.
- SOAP: «This connection has no SOAP endpoint URL.» if there is no URL. HTTP errors from 400 upwards and SOAP responses with a fault are shown with their text. When you test the connection, if the response is not a WSDL you get «… answered, but the response is not a WSDL. Confirm the service URL with Mecalux.»
- SFTP: «Set the inbound directory: FlexigoTech Cloud reads folders inside the SFTP home (for example /in), not the home itself.» If a file with the same name is already in the archive, it is saved with a number added, and if there are too many with that name you get «Too many files called … in the archive.»
- Shared folder: «The '…' directory is not configured.» and «Cannot read …: …».
- Exchange database: «Cannot open the exchange database: …» and «Invalid staging table name…», because table names only accept letters, numbers, underscores and full stops.

How the connection behaves

All calls by commands, SOAP and SFTP go through FlexigoTech Cloud with the details of that connection. If the connection is a copy of another database or a credential is missing, nothing goes out. The URLs you enter must be on the HostName host and include the service path: otherwise you get «... has to be on the HostName host (...): FlexigoTech Cloud sends every call there.» or «... needs the path of the service, not only the host.»

What you see on the connection

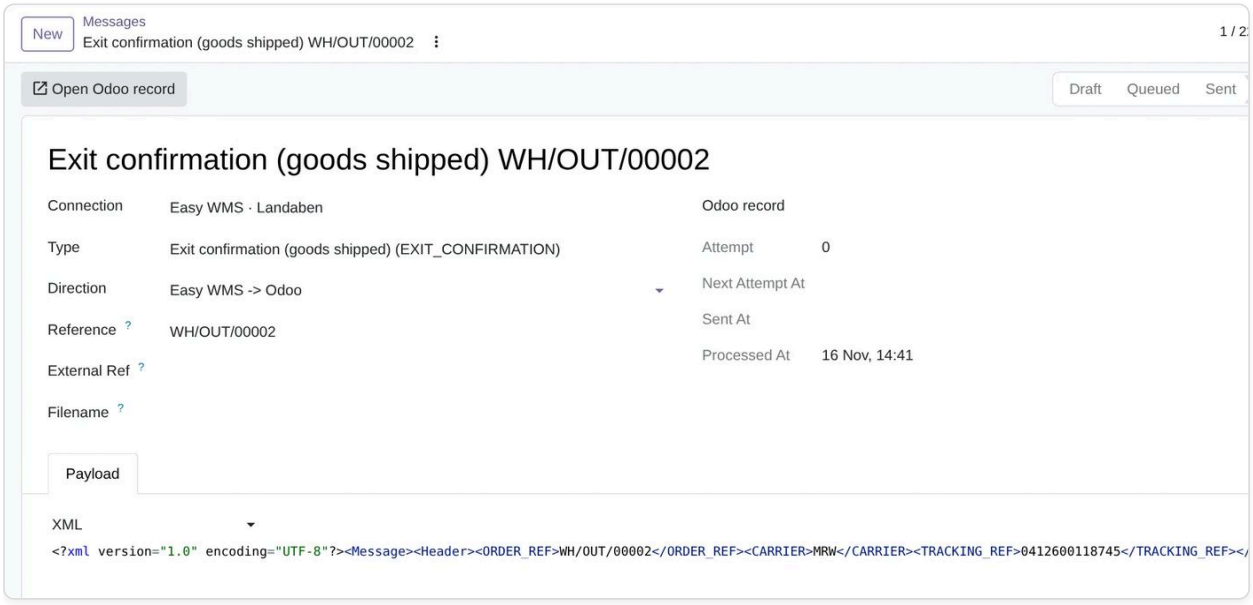
The form groups the data into **Scope** (Odoo warehouse, warehouse and depositor code, owner), **Connection** (type and transport) and, in the **Basic connection info** tab, **Host**: HostName, Tenant, UriToken and UriExecuteCommand, depending on the transport. With files it also shows the format and the outbound, inbound and archive folders. At the top, the summary buttons count the **Queued** messages, those **In error** and the **Items**.



- **Real Odoo 20 screenshot.** List of connections with the transport of each, the status and the queued messages.

End-to-end example

One connection in the list, the Landaben warehouse, uses file exchange through a shared folder and shows as **Connected**. When WH/OUT/00002 is confirmed in Odoo, the document goes out with the send queue, which empties every 5 minutes, and Easy WMS replies with a file. The poll task reads it and the outbound confirmation arrives with the carrier MRW and the lines CT-A42 (30) and MR-075 (2). The message is marked as **Processed**.



- **Real Odoo 20 screenshot.** Outbound confirmation for WH/OUT/00002 with carrier and lines.

15 Data that goes and comes back

DATA	DIRECTION	WHEN
Item master	From Odoo to Mecalux Easy WMS	Before the first order that carries the product, with the **Send to Easy WMS** button on an item or in bulk from **Easy WMS › Tools › Send master data**.
Business partner master	From Odoo to Mecalux Easy WMS	From **Easy WMS › Tools › Send master data**, if you tick **Also send customers and suppliers**.
Entry order (expected receipt)	From Odoo to Mecalux Easy WMS	When the receipt is confirmed in Odoo; it goes out with **Easy WMS: send queued documents**, every 5 minutes, or with the **Send to Easy WMS** button on the transfer.
Exit order (shipment request)	From Odoo to Mecalux Easy WMS	As with the inbound order, when the delivery is confirmed.
Order cancellation	From Odoo to Mecalux Easy WMS	When a transfer that had already been sent is cancelled in Odoo.
Stock snapshot request	From Odoo to Mecalux Easy WMS	With **Easy WMS: request stock snapshot**, every day, if you switch it on: it comes switched off.
Acknowledgements, rejections and confirmations for inbound and outbound	From Mecalux Easy WMS to Odoo	With **Easy WMS: poll for answers**, every 10 minutes, or with **Poll Easy WMS now**.
Stock snapshot	From Mecalux Easy WMS to Odoo	With the same task, after the request.

Inbound and outbound orders only announce what should happen. Stock moves when the transfer is validated: with the connection's default settings, that happens with Easy WMS's confirmation, and nothing stops you from validating it by hand.

The command API, SOAP and SFTP go through FlexigoTech Cloud: it carries each call to your Easy WMS server with your credentials, which it stores encrypted on its servers in Germany. Without the 14-day trial or the subscription, it carries none.

> With **Passive**, it is Easy WMS that calls your Odoo: at the connection's **Inbound Url**, with the credential you generate with **Generate credential for Mecalux**. Your Odoo must be reachable from the internet at that address.

16 What happens automatically

TASK	FREQUENCY	WHAT IT DOES
Easy WMS: send queued documents	Every 5 minutes	Sends the documents in the queue to Easy WMS.
Easy WMS: poll for answers	Every 10 minutes	Asks Easy WMS for whatever it has waiting, records it as messages and applies those documents to the matching Odoo records.
Easy WMS: request stock snapshot	Every day; comes switched off on installation	Requests a full stock snapshot from each connection. The reply then arrives as a received message.
Easy WMS: purge old successful log rows	Every 7 days	Deletes successful rows from the sync log older than 180 days.

Frequencies are changed in **Settings › Technical › Automation › Scheduled Actions**, with developer mode enabled. There you can also switch on **Easy WMS: request stock snapshot**, which comes switched off.

If a send fails, the module records the error and the next attempt, and documents already accepted by Easy WMS are not repeated. Polling does not process the same document twice even if Easy WMS leaves it in the folder again.

17 The connection options and their defaults

OPTION	WHEN CREATING THE CONNECTION	WHAT IT DOES
Send transfers automatically	On	When a receipt or delivery of the connection's warehouse is confirmed in Odoo, it queues its inbound or outbound order. When off, each transfer is sent with **Send to Easy WMS**.
Validate transfers on WMS confirmation	On	When the confirmation arrives, it writes the quantities, lots and pallets counted by the warehouse onto the transfer and validates it. Off, it writes the lines and leaves the transfer unvalidated, so you can review it.
Accept partial confirmations	On	If Easy WMS confirms less than was ordered, it validates what was moved and Odoo leaves the rest in a backorder. Off, that confirmation stays in error. You only see this with the previous option on.
Stock Discrepancy Action	**Log and raise an activity**	What Odoo does when the Easy WMS stock snapshot does not match its own: **Only log the discrepancy**, **Log and raise an activity** or **Log and post an inventory adjustment**.
Max Retries	5	Attempts for a message before it is left in **Error** and the **Responsible** is notified. Between attempts it waits at least 1, 5, 15 and 60 minutes.
Pause all traffic	Off	Stops the connection's sends and polls without deleting anything.

What is pre-filled when you create the connection

FIELD	WHEN YOU CREATE THE CONNECTION
Connection type	**Active**: Odoo drives
Transport	The Easy WMS commands API
Oauth Grant	client_credentials, with ClientId and ClientSecret
File Format	XML
Outbound directory, **Inbound directory** and **Archive directory**	/out, /in and /archive
Responsible	The person who creates the connection

With files, the ones Odoo has already read are moved to **Archive directory** instead of being deleted, so they can always be processed again.

> The options belong to each connection. If you have several warehouses with Easy WMS, check the **Behaviour** tab of each one.

When to change each one

- Turn off **Validate transfers on WMS confirmation** if someone on your team has to review what the warehouse counted before closing the transfer.
- Turn off **Accept partial confirmations** if an incomplete order must never be validated: the confirmation stays in error and you see it in **Messages**.
- Choose **Log and post an inventory adjustment** only when Easy WMS is already the reference for the warehouse stock: the adjustment goes through the normal Odoo route, with its valuation.
- Raise **Max Retries** if your Easy WMS server has long, scheduled downtime.

18 Security and personal data

- The Easy WMS credentials of each connection (the API client ID and secret, or MAPUser and MAPPass, and the SFTP username and password), together with the server they belong to, are stored encrypted in FlexigoTech Cloud. Your Odoo does not keep them. When you delete or archive the connection, change the details they are tied to, or uninstall the module, Odoo deletes them from FlexigoTech Cloud.
- Before storing them, an administrator has to accept, with the checkbox on that connection, that FlexigoTech Cloud stores them and that the calls to Easy WMS go through it. If it has not been accepted, Odoo sends nothing and warns you with «Before saving the Easy WMS credentials, an administrator has to accept that they are kept by FlexigoTech Cloud and that the calls to Easy WMS go through it (the box on this connection). Nothing was sent.»
- The company name, the email of the person who accepts, and the date and version of the text accepted are stored.
- The connector has two user groups: **Mecalux: Operator** and **Mecalux: Integration Manager**. The **Send queue now**, **Poll Easy WMS now**, **Retry now**, **Queue** and **Cancel** buttons belong to the integration manager. **Send to Easy WMS**, on the transfer, is visible to the **Mecalux: Operator** group. **Generate credential for Mecalux** is visible only to a system administrator.
- Messages stay in your Odoo with their full payload. From the sync log, successful rows older than 180 days are deleted.

History of what happens

Every document that passes between Odoo and Easy WMS is kept in **Messages** with its exact payload, the number of attempts and the reason if it failed. Every sync run, connection test or message outcome is noted in **Sync log**, with its result.

Sync log ⋮ Search... 1-24 / 2

When	Connection	Sync Type	Records	Errors	Details	F
16 Nov, 14:41	Easy WMS · Landaben	Message	0	0	WH/OUT/00002 validated from Easy WMS with 2 line(s).	
16 Nov, 14:41	Easy WMS · Landaben	Message	0	0	WH/OUT/00001 validated from Easy WMS with 2 line(s).	
16 Nov, 14:41	Easy WMS · Landaben	Message	0	0	Rejection recorded for WH/OUT/00004.	
16 Nov, 14:41	Easy WMS · Landaben	Message	0	0	Easy WMS rejected WH/OUT/00004: KO	
16 Nov, 14:41	Easy WMS · Landaben	Message	0	0	Acknowledgement recorded for WH/OUT/00003.	
16 Nov, 14:41	Easy WMS · Landaben	Message	0	0	Acknowledgement recorded for WH/OUT/00002.	
16 Nov, 14:41	Easy WMS · Landaben	Message	0	0	Acknowledgement recorded for WH/OUT/00001.	
16 Nov, 14:41	Easy WMS · Landaben	Message	0	0	Sent Exit order (shipment request) WH/OUT/00004	
16 Nov, 14:41	Easy WMS · Landaben	Message	0	0	Sent Exit order (shipment request) WH/OUT/00003	
16 Nov, 14:41	Easy WMS · Landaben	Message	0	0	Sent Exit order (shipment request) WH/OUT/00002	
16 Nov, 14:41	Easy WMS · Landaben	Message	0	0	Sent Exit order (shipment request) WH/OUT/00001	
16 Nov, 14:41	Easy WMS · Landaben	Message	0	0	WH/IN/00003 validated from Easy WMS with 2 line(s).	

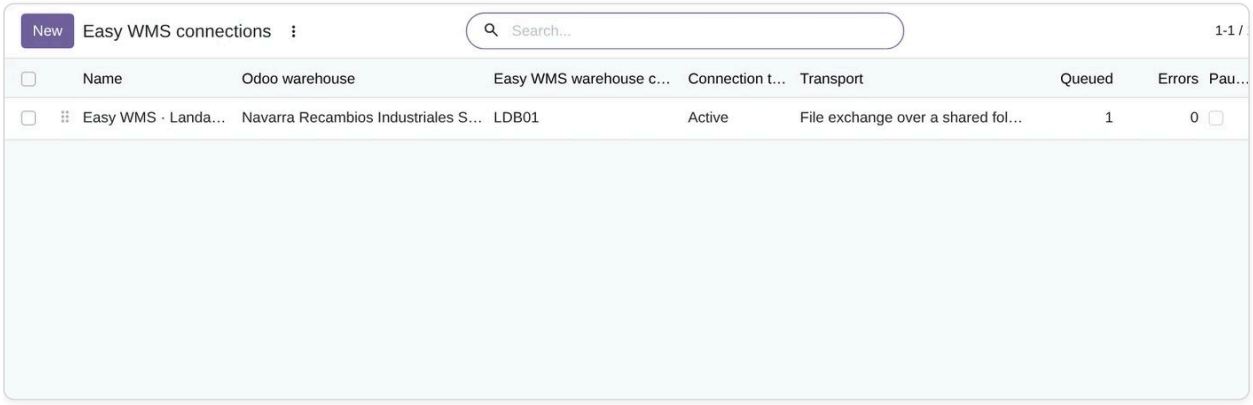
- **Real Odoo 20 screenshot.** The sync log, with the outcome of each message.

19 Several connections and several companies

Each connection is created in **Easy WMS › Configuration › Easy WMS connections** and points to an Odoo warehouse and an Easy WMS warehouse code. Each one has its own connection type, transport and document catalogue. The same product can be in several Easy WMS installations, each with its own item code.

When a confirmation arrives, the connector looks up the transfer by the reference Odoo sent, within the warehouse and company of that connection. This way, two companies can each have a transfer with the same reference, such as WH/IN/00012, without them being mixed up, and one company's documents do not touch another's.

Each connection that goes through FlexigoTech Cloud (commands API, SOAP or SFTP) counts as one account: up to 3 with the Standard plan and up to 10 with the Pro plan. If there is no room for another, Odoo tells you when you save the credentials and saves nothing.



- **Real Odoo 20 screenshot.** The list of connections with their warehouse, connection type, transport and status.

20 If something goes wrong

When you save the credentials or click Test connection, a warning from FlexigoTech Cloud appears	The database has neither the trial nor the subscription running. Check the status in **Settings › FlexigoTech Cloud**, start the trial or subscribe, and test again.
Odoo says FlexigoTech Cloud does not reach your Easy WMS host yet	FlexigoTech has not yet added that host to its list. Write to us with your HostName. Nothing has been sent or stored.
Easy WMS rejects the credentials	A warning appears saying the token service rejected the stored credentials with the chosen grant. Check the credentials and, if your Easy WMS uses the other grant, choose it and enter its credentials.
You cannot change where data is sent or which folders are used	Only a system administrator can change those details, because they can see the Easy WMS credentials. Ask one to do it.
A transfer does not generate its message	Check that its warehouse belongs to an active connection, that the connection is not paused, that **Send transfers automatically** is on and that the inbound or outbound document is active in the **Documents** list. If the document is missing, nothing is put in the queue and no warning appears.

An inbound message is left unapplied	Open the message in **Messages**: the reason is written on its record. Fix the cause, for example a product that does not exist in Odoo, and click **Retry now**.
You want to know what Easy WMS replied	Look at the **Sync log**, which keeps the detail and the **Result** of each exchange, and at the message **Payload**.

If FlexigoTech Cloud rejects a call, the connector treats it as a pause and not as an Easy WMS failure: nothing is marked as erroneous and the task carries on with what it had already read. When the pause affects the whole database, the run stops.

> A message that exhausts its retries is left in **Error** and creates an activity for the connection's **Responsible**. It stays that way until someone clicks **Retry now**.

Other warnings you may see

«Enter the Tenant first: FlexigoTech Cloud sends it to Easy WMS with every call and with the token request. Nothing was sent.»	Fill in the Tenant field on the connection and save again.
«Before saving the Easy WMS credentials, an administrator has to accept that they are kept by FlexigoTech Cloud and that the calls to Easy WMS go through it (the box on this connection). Nothing was sent.»	An administrator ticks the connection's consent checkbox and the credentials are saved again.
«Your FlexigoTech Cloud plan has no room for one more Easy WMS connection: each connection that goes through it counts as one account. Nothing was saved. Archive one you no longer use, or change the plan in Settings > FlexigoTech Cloud.»	Archive a connection you no longer use or change plan.
«... is a private address. Refusing to send warehouse data there.»	Use an Easy WMS host with a public address. The connector rejects private addresses.
"Easy WMS URLs must use HTTPS (got ... in ...)."	Change the URL so that it starts with https.
"Easy WMS is rate-limiting this connection (HTTP 429). The message stays queued and will be retried."	Nothing needs doing: the message retries on its own.
«Easy WMS confirmed less than ordered on ... and partial confirmations are disabled for this backend.»	Enable partial confirmations on the connection, or check the confirmation with the warehouse.

"... message(s) have already been processed and cannot be cancelled. Reverse the Odoo document instead."	If a message is already in **Processed**, undo the change in the Odoo document.
"Analyse the document first."	In **Analyse a document**, click **Analyse** before trying to apply it.

21 Other ways of doing it

METHOD	WHAT IT INVOLVES
By hand from the Mecalux Easy WMS panel	Someone enters in the Mecalux panel the items and orders that already exist in Odoo, and then records in Odoo what the warehouse has received and dispatched.
Odoo alone	We searched the code of Odoo 17, 18, 19 and 20, Community and Enterprise, on 16-11-2026: no module or manifest names Mecalux. Odoo does not include a connection to Easy WMS.
This connector	Sends items and orders to Mecalux Easy WMS and brings back receipts, dispatches and stock. It requires a FlexigoTech Cloud subscription, with a free trial.

Mecalux describes file exchange as one of the ways to link an ERP with a WMS: the ERP generates messages that the WMS reads and vice versa, in standardised formats such as EDI or XML. The connector follows that approach and adds the command API used by Mecalux's own connector. It has no option to start from a given date: existing records are brought up to date with **Easy WMS › Tools › Send master data**, and transfers are sent from the moment you confirm them.

22 Plans and pricing

€9

License per Odoo version.

+ FlexigoTech Cloud

STANDARD

€49/month

or €490 a year

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

PRO

€98/month

or €980 a year

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

14-day trial, no card · **Prices exclude VAT**

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

23 Frequently asked questions

What does the connector do?

It sends items and inbound and outbound orders to Mecalux Easy WMS. When the warehouse confirms a receipt or a dispatch, Odoo records it on the corresponding transfer.

Does it work without FlexigoTech Cloud?

No.

Is there a free trial?

Yes, 14 days free and no card required. If you do not subscribe at the end, the service stops and nothing is charged.

How much does it cost?

The module license costs €9 per Odoo version. FlexigoTech Cloud is paid separately: the Standard plan costs €49 a month or €490 a year, and Pro costs €98 a month or €980 a year, excluding VAT.

How many accounts does each plan allow?

Each connection that goes through FlexigoTech Cloud counts as one: up to 3 on the Standard plan and up to 10 on Pro.

What is the difference in support between the plans?

With Standard, the first response arrives within 1 working day. With Pro it arrives within 4 working hours and includes a video call if needed.

Does it work on Odoo Online?

No. Odoo Online does not allow installing third-party modules.

Does it need Odoo Enterprise?

No. It works on Community and on Enterprise: it requires Inventory, Purchase and Sales, which are part of Community, and FlexigoTech Cloud.

Which versions of Odoo does it work with?

Odoo 17, 18, 19 and 20.

Has it been tested against a real Easy WMS?

Not yet. The automated tests run against a simulator that follows the published capture of Mecalux's own connector and the starting profile of the documents. FlexigoTech does not have an Easy WMS installation to test with.

Does it include the Easy WMS licence?

No. Each warehouse needs its own licence, with the interface (API, SOAP, files or database) enabled by Mecalux.

Does it work in real time?

No. Messages are queued, sent and collected at a fixed frequency, with retries.

How often is what is queued sent?

The **Easy WMS: send queued documents** task runs every 5 minutes. With **Send queue now** you send it immediately.

How often do Easy WMS answers arrive?

The **Easy WMS: poll for answers** task collects them every 10 minutes. With **Poll Easy WMS now** you collect them instantly.

How often is the stock snapshot requested?

The **Easy WMS: request stock snapshot** task runs daily, but it is switched off on installation. You switch it on yourself if you want it.

Which scheduled tasks does it include?

Four: sending the queue, polling for answers, requesting the stock snapshot, and purging old successful records every 7 days. Three are active on installation.

Who owns the stock?

Easy WMS owns the physical stock. With the connection's default settings, receipts and deliveries of the warehouse that Easy WMS runs are validated with its confirmation. Internal transfers and manufacturing are not sent to Easy WMS, and nothing stops you from validating by hand.

What happens to the items and orders I already had before installing it?

The connector does not move the history on its own. New items are sent when an order line uses one that Easy WMS does not know, and the ones you already have are resent from **Easy WMS › Tools › Send master data**.

Can I migrate from another tool starting from a specific date?

There is no option to start from a date. The items you already have are sent with **Easy WMS › Tools › Send master data**, and transfers are sent from the moment you confirm them.

What types of connection does it support?

Five transports: commands, SOAP, SFTP, shared folder and exchange database. Each connection uses only one.

What do Active and Passive mean?

With **Active**, Odoo leads. With **Passive**, Easy WMS leads: it calls your Odoo with a credential you generate with **Generate credential for Mecalux**.

Where are the Easy WMS credentials stored?

Encrypted in FlexigoTech Cloud. Your Odoo does not keep them.

Does anything need accepting before the credentials are saved?

Yes. An administrator has to tick the connection's consent box. Without it nothing is sent.

Who can see the credentials?

Only a system administrator. They are also the only one who can change where the data is sent.

Can I connect several warehouses or several companies?

Yes, with one connection per warehouse. Each has its own transport and document catalogue, and confirmations are matched within the warehouse and company of its connection.

What happens if a send fails?

It retries on its own, at 1, 5, 15 and 60 minutes. If it runs out of attempts (**Max Retries**, 5 by default), the message is left in **Error** and the connection's **Responsible** receives an activity. From there, **Retry now**.

Can the same document be sent twice by mistake?

No. Documents already accepted by Easy WMS are not repeated, and polling does not process the same document twice.

Can I see what has been sent and received?

Yes. **Messages** stores each document with its content, and **Sync log** records the outcome of each exchange.

Can I test an Easy WMS document without changing anything?

Yes, with **Analyse a document**. It tells you what it recognised and what it would do, and only then offers to apply it.

Can I change the names of the commands and the fields of each document?

Yes, they are edited on screen under **Documents**. The only fixed element is the meaning of each document.

Can I stop the traffic without losing anything?

Yes, with **Pause all traffic**, on the **Behaviour** tab of the connection: sends and polls stop and nothing is deleted. Transfers you confirm in the meantime are not announced automatically: when you remove the pause, send them with **Send to Easy WMS** and move the messages left in **Draft** into the queue.

Can I validate a transfer by hand?

Yes, the connector does not block it. If Easy WMS's confirmation arrives afterwards, it is ignored and noted in the **Sync log**.

Does it record the expiry date and the tracking number?

Expiry only if you have Odoo's expiration dates module installed, and tracking only if you have the shipping module. Without them, the confirmation is still recorded.

Is there anything similar already included in Odoo?

No. In the code of Odoo 17, 18, 19 and 20, Community and Enterprise, no module names Mecalux.

CONNECTOR GUIDE · MECALUX EASY WMS

24 Glossary

Easy WMS	Mecalux's warehouse management system. It leads on the physical stock; with the connection's default settings, its confirmation validates receipts and deliveries in Odoo.
Connection	Each link between an Odoo warehouse and an Easy WMS installation. It is created under **Easy WMS › Configuration › Easy WMS connections**.
Warehouse code in Easy WMS	The code with which Easy WMS identifies the warehouse managed by the connection.
Depositor code	A field filled in only if your installation uses Mecalux's "WMS for 3PL" module.
Connection type	**Active** if Odoo leads and **Passive** if Easy WMS leads.
Transport	The channel the documents travel through: commands, SOAP, SFTP, shared folder or exchange database.
HostName	The server of your Easy WMS installation that the calls go to.
Tenant	The identifier of your installation that FlexigoTech Cloud sends to Easy WMS on every call.
Product	The link between an Odoo product and a connection. It stores the product code for that Easy WMS installation.
Master data	The products and, if your interface uses them, the customers and suppliers that Odoo sends to Easy WMS.
Message	Each document that travels between Odoo and Easy WMS, stored with its content, its status and the number of attempts.
Queue	The messages waiting to be sent. The **Easy WMS: send queued documents** task sends them every 5 minutes.
Polling	The query to Easy WMS for what it has waiting. The **Easy WMS: poll for answers** task makes it every 10 minutes.
Inbound order	The notice of an expected receipt. It announces what should happen and does not move stock in Odoo.
Outbound order	The dispatch request. It does not move stock in Odoo either.
Acknowledgement	The reply in which Easy WMS confirms it has accepted the order.
Confirmation	The reply in which the warehouse confirms what was received or dispatched. With it Odoo validates the transfer, if **Validate transfers on WMS confirmation** is switched on.
Stock snapshot	The complete stock returned by Easy WMS, which is compared with the stock in Odoo.
Status in Easy WMS	Where a transfer is in Easy WMS: **Not sent**, **Sent to Easy WMS**, **Acknowledged**, **Confirmed by Easy WMS**, **Cancelled in Easy WMS** or **Rejected by Easy WMS**.
Sync log	The list of what happened in each exchange, with its **Result**: **Success** or **Error**.
FlexigoTech Cloud	The service your database subscribes to. The command API, SOAP and SFTP all go through it, and no call is made without the 14-day trial or a subscription.

25 Checklist and contact

- [ ] You have Odoo 17, 18, 19 or 20 with the Inventory, Purchase and Sales apps.
- [ ] Mecalux has given you the Easy WMS licence and has activated the interface you are going to use (API, SOAP, files or database).
- [ ] You have your installation details to hand: HostName, Tenant, UriToken and UriExecuteCommand, and the credentials that correspond to your connection type.
- [ ] For the command API, SOAP or SFTP, FlexigoTech has added your Easy WMS host to its list.
- [ ] You have installed the module and the **Easy WMS** menu appears with the **Easy WMS › Control panel**.
- [ ] You have started the 14-day FlexigoTech Cloud trial, with no card needed, and in **Settings › FlexigoTech Cloud** the connector shows **On trial**.
- [ ] You have created the connection in **Easy WMS › Configuration › Easy WMS connections**, with its Odoo warehouse and its warehouse code in Easy WMS.
- [ ] An administrator has accepted the connection consent and you have pressed **Test connection**: the connection shows as **Connected**.
- [ ] You have pressed **Load starting command set** and renamed each command according to the specification Mecalux gave you.
- [ ] You have reviewed the **Behaviour** tab of the connection.
- [ ] You have sent the master data from **Easy WMS › Tools › Send master data** and the products appear as **Sent**.
- [ ] You have confirmed a test transfer and its message reaches **Processed** in **Messages**, with a **Success** result in **Sync log**.

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

Email

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

On the web

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

On Odoo Apps

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

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