

1. Installation

1.1 Manual installation (via zip file)

To manually install the module, you have to extract the zip file under `app/code/Acyba/GLS` directory.

The module run with dependencies to others modules, that you need to install. You can find them in the `composer.json` file of the module. To install them, you have to use the following command :

```
composer require vendor_name/module_name:X.X.X
```

Warning : to install the dependencies, you have to use the above command with module names and version numbers as declared in the `composer.json` file of GLS module.

Once the GLS module and its dependencies are installed, please run the followings Magento commands :

```
php magento setup:upgrade
```

```
php magento setup:di:compile
```

2. Configuration

2.1 Shipping methods

The module created a new GLS shipping method in Stores > Configuration > Sales > Shipping Methods.

To activate the GLS shipping method on the website, it's necessary to switch the "Enable" parameter on and fill up the fields "GLS webservice login" and "GLS webservice password" whose values are provided by GLS.

Warning : to use the official GLS module for Magento 2, you have to be a GLS customer. The use of the different GLS shipping methods is subject to the acceptance of GLS general terms and conditions. The activation of the GLS shipping methods of this module have to match with the prices lists signed with GLS. For more information, please get in touch with your GLS commercial contact.

If you're not a GLS customer, please connect to www.gls-group.eu to discover all the GLS services and contact GLS.

The module is provided with a default configuration and all these parameters are editable in the menu Stores > Configuration > Sales > Shipping Methods > GLS, your transport partner :

GLS, your transport partner

Version: 0.0.1

Informations [store view]

Title [store view]

Enable [store view]

GLS webservice login [store view]

GLS webservice password [store view]

Maximum package weight (please consider about GLS maximum weight) [store view]

GLS Chez Vous [store view]

GLS Chez Vous setup [store view]

```
addMethod('tohome_fr', [  
  'title' => "Livraison à domicile en 24/48H",  
  'enabled' => $request->dest_country_id == 'FR',  
  'price' => array_reduce([ [150.00, 5.00], [160.00,  
3.00], [*], 0.00 ]), function ($carry, $item) {  
    global $quote;  
  }  
]);
```

[Help](#)

GLS Chez Vous order [store view]

GLS Chez Vous + [store view]

GLS Chez Vous + setup [store view]

```
addMethod('fds_fr', [  
  'title' => "En cas d'absence, choisissez où et quand  
vous souhaitez être livré",  
  'enabled' => $request->dest_country_id == 'FR',  
  'price' => array_reduce([ [150.00, 5.00], [160.00,  
3.00], [*], 0.00 ]), function ($carry, $item) {  
    global $quote;  
  }  
]);
```

[Help](#)

GLS Chez Vous + order [store view]

GLS Point Relais [store view]

Google Maps API Key [store view]

GLS Point Relais setup [store view]

```
addMethod('relay_fr', [  
  'title' => "Retrait en Point Relais de votre choix",  
  'enabled' => $request->dest_country_id == 'FR',  
  'price' => array_reduce([ [150.00, 5.00], [160.00,  
3.00], [*], 0.00 ]), function ($carry, $item) {  
    global $quote;  
  }  
]);
```

[Help](#)

GLS Point Relais order [store view]

Only XL shop search [store view]

GLS Avant 13H [store view]

GLS Avant 13H setup [store view]

```
addMethod('express_fr', [  
  'title' => "Livraison chez vous en mains propres le  
lendemain avant 13H",  
  'enabled' => $request->dest_country_id == 'FR',  
  'price' => array_reduce([ [150.00, 5.00], [160.00,  
3.00], [*], 0.00 ]), function ($carry, $item) {  
    global $quote;  
  }  
]);
```

[Help](#)

GLS Avant 13H order [store view]

Tracking URL [store view]

Debug [store view]
Display debug on cart on a delivery estimate

GLS module order [store view]

- ➔ **Title:** Label of the GLS shipping method group displayed on the website
- ➔ **Enable:** By default disabled when installing the module. Switch on to see GLS shipping methods on the website
- ➔ **GLS webservice login:** Provided by GLS
- ➔ **GLS webservice password:** Provided by GLS
- ➔ **Maximum package weight :** Maximum package weight that GLS can carry
- ➔ **GLS Chez vous :** Enable or disable the “at home” shipping method

This service match the following GLS offers:

- *Business Parcel* for your national shipments
- *Euro Business Parcel* for your European shipments
- *Global Business Parcel* for your international shipments

- ➔ **GLS Chez Vous setup:** Configuration field, please see more explanations and examples below
- ➔ **GLS Chez Vous order:** Set the order of appearance of the “at home” shipping method among GLS shipping methods
- ➔ **GLS Chez Vous +:** Enable or disable the “at home” shipping method

This service match the GLS offer : *Flex Delivery Service*

- ➔ **GLS Chez Vous + setup:** Configuration field, please see more explanations and examples below
- ➔ **GLS Chez Vous + order:** Set the order of appearance of the “at home” shipping method among GLS shipping methods
- ➔ **GLS Point Relais:** Enable or disable the relay shipping method

This service match the GLS offer: *Shop Delivery Service*

- ➔ **Google Maps API Key:** API key to use the relay shipping method to locate the relays on a Google Maps (See: **5.1 Generation of the Google Maps API Key** to learn how to generate this key)
- ➔ **GLS Point Relais setup:** Configuration field, please see more explanations and examples below
- ➔ **GLS Point Relais order:** Set the order of appearance of the relay shipping method among GLS shipping methods
- ➔ **Only XL shop search:** Enable the display of XL relays only (disabled by default)
- ➔ **GLS Avant 13H:** Enable or disable the express shipment before 1pm

This service match the GLS offer: *Express Parcel Guaranteed*

- ➔ **GLS Avant 13H setup:** Configuration field, please see more explanations and examples below
- ➔ **GLS Avant 13H order:** Set the order of appearance of the express shipping method among GLS shipping methods
- ➔ **Tracking URL:** Used to generate shipment tracking URL
- ➔ **Debug:** Allow to enable the module debugging function for the shipping costs calculation (Advanced function for developer)
- ➔ **GLS module order:** set the order of appearance of the GLS shipping methods group among other shipping methods

The configuration fields use a PHP format syntax used by the OWEBIA module for Magento 2, whose [documentation is here](#).

For example, here is the provided configuration for at home shipment:

```

addMethod('tohome_fr', [
    'title' => "Livraison à domicile en 24/48H",
    'enabled' => $request->dest_country_id == 'FR',
    'price' => array_reduce([ [150.00, 5.00], [160.00, 3.00], ['*', 0.00] ], function ($carry, $item) {
        global $quote;
        global $request;
        if(isset($carry)) return $carry;
        if($request->free_shipping) return 00.00;
        if(isset($item[0]) && ($quote->grand_total <= $item[0] || $item[0] == '*')) {
            $carry = $item[1];
        }
        return $carry;
    }
    ),
]);

```

1. title : label displayed on the website for this shipping method
2. enabled : activation conditions for this method. In this example, the method will be displayed only if the destination country is France
3. price : shipping fees for this method. In this example, if the cart total weight is less than or equal to 150, the fees will be 5, if the cart total weight is less than or equal to 160, the fees will be 3 and in other cases, it will be 0

It's possible to add filters on customer group, product categories etc ... (for more informations, please check documentation)

Many methods can be created for one configuration field. To do that, you have to duplicate the **addMethod** function by defining others rules.

Warning: in the method name (ex: tohome_fr above), only the part before the underscore can be edit

2.2 GLS Advanced Setup

2.2.1 General Configuration

Agency code: GLS agency code you are linked to. Information provided by GLS

2.2.2 Import/export configuration

This section contains the configuration to manage the import and export of GLS orders. For more information about import and export, please check **4. Import/Export** .

- ➔ **Active:** Activation of automatic import/export through a cron task
- ➔ **Frequency:** Cron task frequency in minutes (every X minutes)
- ➔ **Cron expression:** Cron expression generated from frequency field (if the you can't see the modification after saving, please refresh Magento configuration cache)
- ➔ **Import folder:** Folder in which there are the orders to import
- ➔ **Export folder:** Folder in which the exported orders are downloaded
- ➔ **Status of orders to export:** Status of orders to export for automatic export through the cron task

3. Display

After the shipping methods configuration, here is an example of the display of these methods on the website:

Shipping Methods

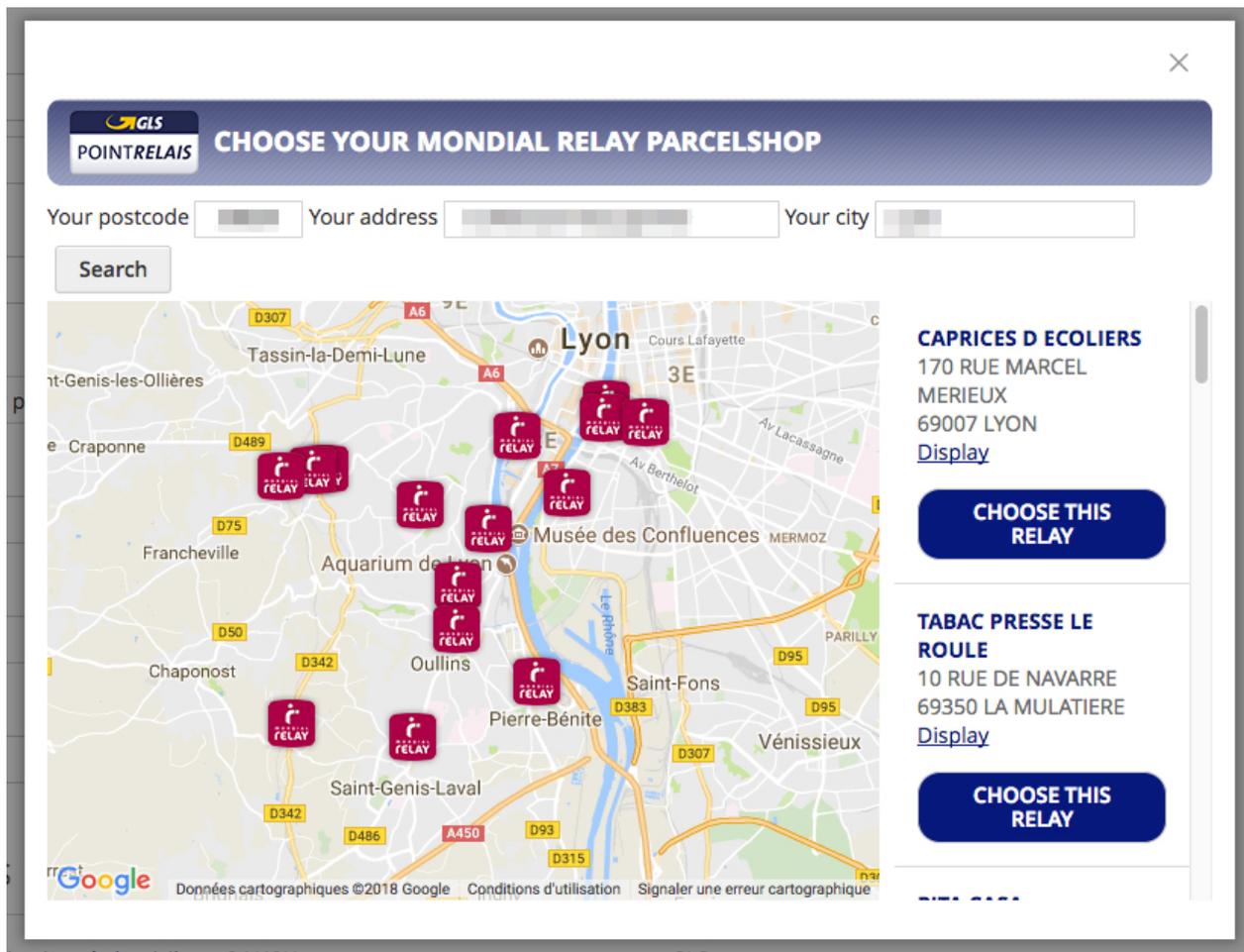
- €5.00  Livraison à domicile en 24/48H GLS

- €5.00  En cas d'absence, choisissez où et quand vous souhaitez être livré GLS

- €5.00  Retrait en Point Relais de votre choix GLS

- €5.00  Livraison chez vous en mains propres le lendemain avant 13H GLS

If the user choose the shipping method “Point Relais”, a popup to choose the relay to deliver to will be displayed:



CHOOSE YOUR MONDIAL RELAY PARCELSHOP

Your postcode Your address Your city

CAPRICES D ECOLIERS
170 RUE MARCEL
MERIEUX
69007 LYON
[Display](#)

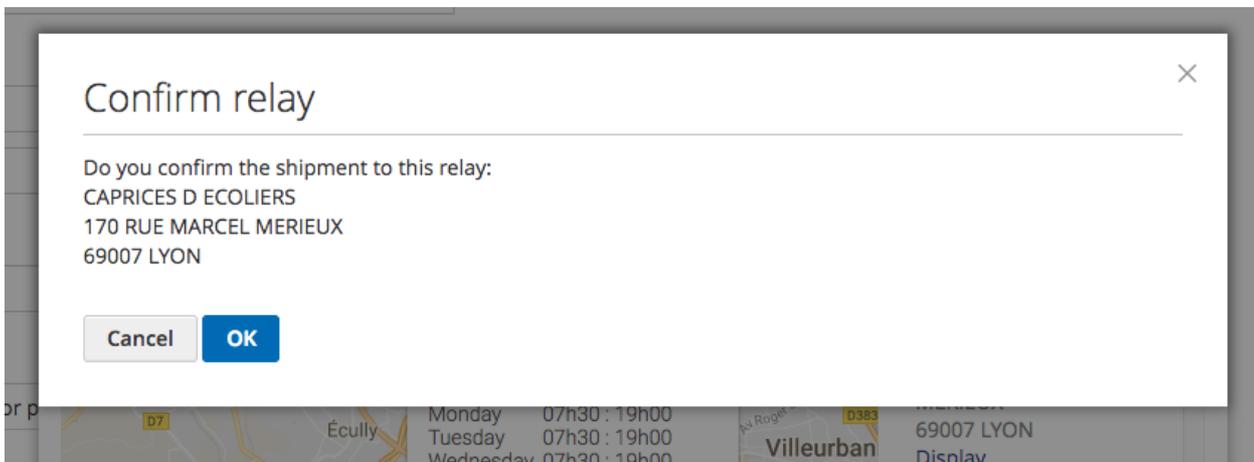
TABAC PRESSE LE ROULE
10 RUE DE NAVARRE
69350 LA MULATIERE
[Display](#)

This way he can choose the relay by clicking the button “Choose this relay”.

By clicking on markers on the map, the user can see relay opening hours:



A confirmation popup will ask the user to confirm his choice:



After confirmation, the relay details will be displayed below the shipping method:



4. Import/Export

4.1 Export to WinExpé

The module allows to export orders files to the GLS WinExpé software.

The exports configuration is done in Stores > Configuration > Sales > GLS Advanced Setup (check **2.2.2 Import/export Configuration**).

This feature is reachable through a new menu entry “GLS IMPORT/EXPORT > Export orders”.

In the configuration, the “Export Folder” parameter have to be well set.

The export screen lists all orders whose shipping method is a GLS one. It's possible to either download or export one or several orders. To do this, you have to check orders that you want to export, then choose in the "Actions" menu what you want to do.

The "Download" option will download the generated file on your computer.

The "Export" option will put the generated file in the directory set in configuration (Stores > Configuration > Sales > GLS Advanced Setup > Import / Export Configuration).

You have to create a FTP access on this directory and configure it in WinExpé so the software can automatically recovers the files. For any question about the WinExpé software configuration, please get in touch with your GLS IT contact.

4.2 Import from WinExpé

The module allows to import files from the GLS WinExpé software, to save tracking numbers in Magento.

The imports configuration is done in Stores > Configuration > Sales > GLS Advanced Setup (check **2.2.2 Import/export Configuration**).

This feature is reachable through a new menu entry "GLS IMPORT/EXPORT > Import tracking numbers".

In the configuration, the "Import folder" parameter have to be well set.

In the import screen you will find a button to import files that are in the folder set in the configuration (Stores > Configuration > Sales > GLS Advanced Setup > Import / Export Configuration). With these files, the tracking numbers will be added to the matching orders, then files will be deleted.

You have to create a FTP access on this directory and configure it in WinExpé for the software can automatically upload the files to import.

4.3 Automatic Import/Export

It's possible to automate orders import and export. It can be configured in Stores > Configuration > Sales > GLS Advanced Setup (check **2.2.2 Import/export Configuration**).

To enable this, you have to switch on the "Active" parameter in configuration (Stores > Configuration > Sales > GLS Advanced Setup > Import / Export Configuration > Active) and fill up the wanted frequency in minutes (Stores > Configuration > Sales > GLS Advanced Setup > Import / Export Configuration > Frequency).

Then, Magento will export orders that have the defined status (Stores > Configuration > Sales > GLS Advanced Setup > Import / Export Configuration > Status of orders to export) and import orders at the defined frequency.

5. Miscellaneous

5.1 Generation of the Google Maps API Key

To use the GLS Point Relais shipping method, it's necessary to define an API key. Indeed, the module uses a Google Map to locate the relays, and this service require an API key.

You have to generate this API Key and set it in the configuration (check **2.1 Shipping Methods**).

Here are the different steps to generate this API key:

- ➔ Go to <https://console.developers.google.com>
- ➔ Connect with a Google account
- ➔ Go to "Credentials" section
- ➔ Click on "Create credentials" > "API Key" (It's possible to configure restriction for this key)
- ➔ Copy the key
- ➔ Go to "Library" section
- ➔ Search "Google Maps JavaScript API" and click on the corresponding result
- ➔ Click on "Enable"
- ➔ Back in the GLS configuration, paste the key in Stores > Configuration > Sales > Shipping Methods > GLS, your transport partner > Google Maps API Key

5.2 Support

If you need some help with the configuration or installation of our module, please contact your GLS advisor