

# **DPD France Shipping Method Module**

## **Magento 2**

# Summary

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# 1-INTRODUCTION

This document is about to how to install, configure and use the DPD France delivery module on Merchant Magento 2 Based E-commerce website.

## Compatibility & Prerequisites:

- This module compatible with Magento2 community versions 2.X
- Required DPD id trader, DPD account api security key
- Google Map API
- Dependency Module: Advanced Shipping by Owebia (<https://en.store.owebia.com/magento2-module-advanced-shipping.html>)

## Shipping methods available in the extension:

- **DPD Relais:** Easy delivery towards one of 5000 Pickup points
- **DPD Predict:** Flexible home delivery on a precise time window

## Shipping Rates Management:

This extension allows admin to easily manage shipping rate and shipping title of all shipping methods.

## Features:

- Easy configuration of DPD shipping methods prices as per different parameters like cart weight, cart total amount, country of destination, product attributes value etc...)
- Can be configure and add other Europe countries shipping rates.
- Display List of Pickup Points location closest to customer's address in google map short by distance.
- Can be add Tracking Url in Shipment
- Easy user experience and attractive design
- Compatible with all Magento themes with responsive layout.
- French and English Translation

## 2-MODULE INSTALLATION

To install the module, you have to extract the zip file under app/code/Tecksky/ DPDFrance directory.

**NOTE: To run Magento commands go to path Magento installed root directory in shell/ssh.**

The module runs with dependencies to others modules, which 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 DPDFrance module.**

Once the DPD France module and its dependencies modules are installed, please run the followings Magento commands:

```
php magento setup:upgrade
```

After that run following command:

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

## 3-MODULE CONFIGURATION

The module created a new DPD shipping method under **Stores > Configuration > Sales > Shipping Methods**.

To activate the DPD France shipping method on the website, it's necessary to switch the "Enable" parameter on and fill up the fields related to DPD shipping method whose values are provided by DPD.

**Warning:** to use the DPD shipping method for Magento 2, you have to be a DPD customer. You must have access of DPD France API and its parameters like security key and ID trader.

The module is provided with a default configuration and all these parameters are editable in the menu **Stores > Configuration > Sales > Shipping Methods > DPD France**.

DPD France



<b>Informations</b> <small>[store view]</small>	Version: 1.0.0
<b>DDP Title</b> <small>[store view]</small>	<input type="text" value="DPD France"/>
<b>Enable</b> <small>[store view]</small>	<input type="text" value="Yes"/>
<b>Maximum package weight (please consider about DPD maximum weight)</b> <small>[store view]</small>	<input type="text" value="30"/>
<b>Merchant ID</b> <small>[store view]</small>	<input type="text" value="EXA"/>
<b>DPD Depot</b> <small>[store view]</small>	<input type="text" value="011"/>
<b>DPD Contract</b> <small>[store view]</small>	<input type="text" value="6802"/>
<b>DPD Predict Enable</b> <small>[store view]</small>	<input type="text" value="Yes"/>
<b>DPD Predict Shipping rates configuration</b> <small>[store view]</small>	<pre>addMethod('predict_free', [     'title' =&gt; "Franco de port à 900€ sauf Corse",     'enabled' =&gt; \$request-&gt;dest_country_id == 'FR' &amp;&amp;     \$quote-&gt;grand_total &gt;= 900.00 &amp;&amp; \$request-&gt; package_weight &lt; 31 ,     'price' =&gt; 00.00.</pre>
	<a href="#">Help</a>

## Fields Explanation:

- **DPD Title:** Label of the DPD shipping method group displayed on the website (for the proper functioning of the module, please put at least "DPD France" in the title)
- **Enable:** Enable / Disable DPD shipping method
- **Maximum Package Weight:** Maximum Weight DPD shipping can ship.
- **Merchant ID:** Merchant ID (i.e. EXA)
- **DPD Depot:** Merchant Local DPD depot Code (i.e. 013)
- **DPD Contract:** Merchant Contract Number shipper Code (i.e. 12345)
- **DPD Predict Enable:** Enable / Disable DPD Predict shipping method
- **DPD Predict Shipping Rate Configuration:** Shipping rate, title and condition configurations.

You can easily customize shipping rate with using "Advanced Shipping by Owebia". Its free extension you have to install that extension as dependency extension.

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

Here is one example for shipping rate.

```
addMethod('predict_free', [  
    'title' => "Franco de port à 900€ sauf Corse",  
    'enabled' => $request->dest_country_id == 'FR' && $request->grand_total >= 900.00  
&& $request->package_weight < 30 ,  
    'price' => 00.00,  
]);
```

**By this code shipping will free for all order with grand total greater than 900 Euros and total weight of cart must be less than 30.**

- **title:** label will be displayed on the website for this shipping method
- **enabled:** activation conditions for this method.
- **price:** shipping fees for this method.

It's possible to add filters on customer group, product attributes, product categories etc. (for more information, 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: predict\_free above), only the part after the underscore can be edit.**

---

DPD Predict Order <small>[store view]</small>	<input type="text" value="1"/>
DPD Relais Enable <small>[store view]</small>	<input type="text" value="Yes"/>
DPD Relais Webservice URL <small>[store view]</small>	<input type="text" value="http://mypudo.pickup-services.com/mypudo/mypudo.asmx?"/>
Security Key <small>[store view]</small>	<input type="text" value="....."/>
Google Maps API Key <small>[store view]</small>	<input type="text" value="AlzaSyBPYOBnWKSaeERpSunvXOY2P0ps11Upjb0"/>
DPD Relais Shipping rates configuration <small>[store view]</small>	<pre>addMethod('relay_free', [   'title' =&gt; "Franco de port à 900€ sauf Corse",   'enabled' =&gt; \$request-&gt;dest_country_id == 'FR' &amp;&amp;   \$quote-&gt;grand_total &gt;= 900.00 &amp;&amp; \$request-&gt;   package_weight &lt; 31 ,   'price' =&gt; 00.00.</pre> <a href="#">Help</a>
DPD Relais order <small>[store view]</small>	<input type="text" value="2"/>
Tracking URL <small>[store view]</small>	<input type="text" value="http://www.dpd.fr/traces_{tracking_number}"/>
Debug <small>[store view]</small>	<input type="text" value="No"/> Display debug on cart on a delivery estimate
DPD module order <small>[store view]</small>	<input type="text" value="1"/>

- **DPD Predict Order:** Order of Dpd predict method within dpd france module.
- **DPD Relais Enable:** Enable / Disable DPD Relais shipping method
- **DPD Relais Web Service Url:** DPD Pickup web service url to access API for pickup location (value: <http://mypudo.pickup-services.com/mypudo/mypudo.asmx?WSDL>)
- **Security Key:** DPD Relais API security key (i.e.: deecd7bc81b71fcc0e292b53e826c48f)
- **Google Map API Key:** Google Maps JavaScript API. You can get it from [here](#).
  1. Go to <https://console.developers.google.com>
  2. Connect with a Google account
  3. Go to “Credentials” section
  4. Click on “Create credentials” > “API Key” (It’s possible to configure restriction for this key)
  5. Copy the key
  6. Go to “Library” section
  7. Search “Google Maps JavaScript API” and click on the corresponding result
  8. Click on “Enable”
- **DPD Predict Shipping Rate Configuration:** Shipping rate, title and condition configurations. Same as predict.

**Warning: in the method name (ex: relay\_free above), only the part after the underscore can be edit.**

- **DPD Relais Order:** Order of Dpd pickup method within dpd france module.

- **Tracking URL:** Tracking URL of shipment which will be append in order shipment and customer can track shipment with that URL. Admin can add tracking number like this in admin:

---

### Shipping Information

**DPD France - Zone France et Monaco**

Total Shipping Charges: **€11.59**

Carrier	Title	Number	Action
<input type="text" value="DPD France"/>	<input type="text" value="DPD France"/>	<input type="text" value="2500401015980452"/>	
<input type="button" value="Add Tracking Number"/>			

- **Debug:** Allow to enable the module debugging function for the shipping costs calculation (Advanced function for developer). Log file will be generated in **`/var/log/dpd.log`**
- **DPD module order:** set the order of appearance of the DPD shipping methods group among other shipping methods

## 4-FRONT-OFFICE USAGE

After installing and configuring the shipping methods, customer will get following example of the website:

---

Zip/Postal Code \*

Country \*

Phone Number \*  
 ?

---

### Shipping Methods

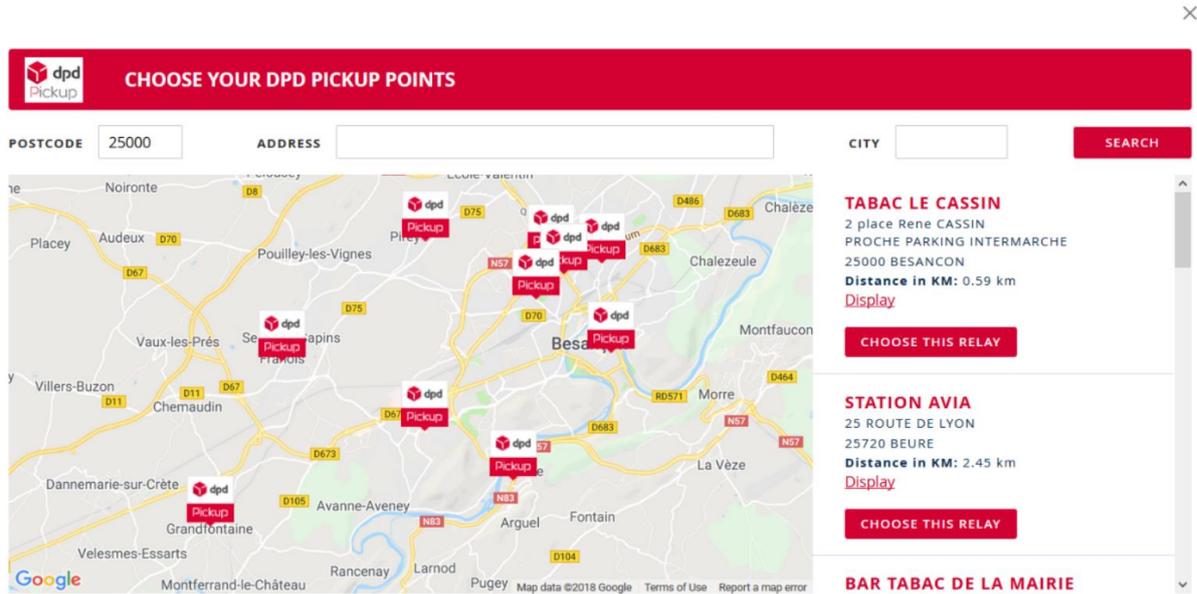
<input type="radio"/>	€5.00	Fixed		Flat Rate
<input checked="" type="radio"/>	€11.59		Zone France et Monaco	DPD France
<input type="radio"/>	€11.59		Zone France et Monaco	DPD France

[Next](#)

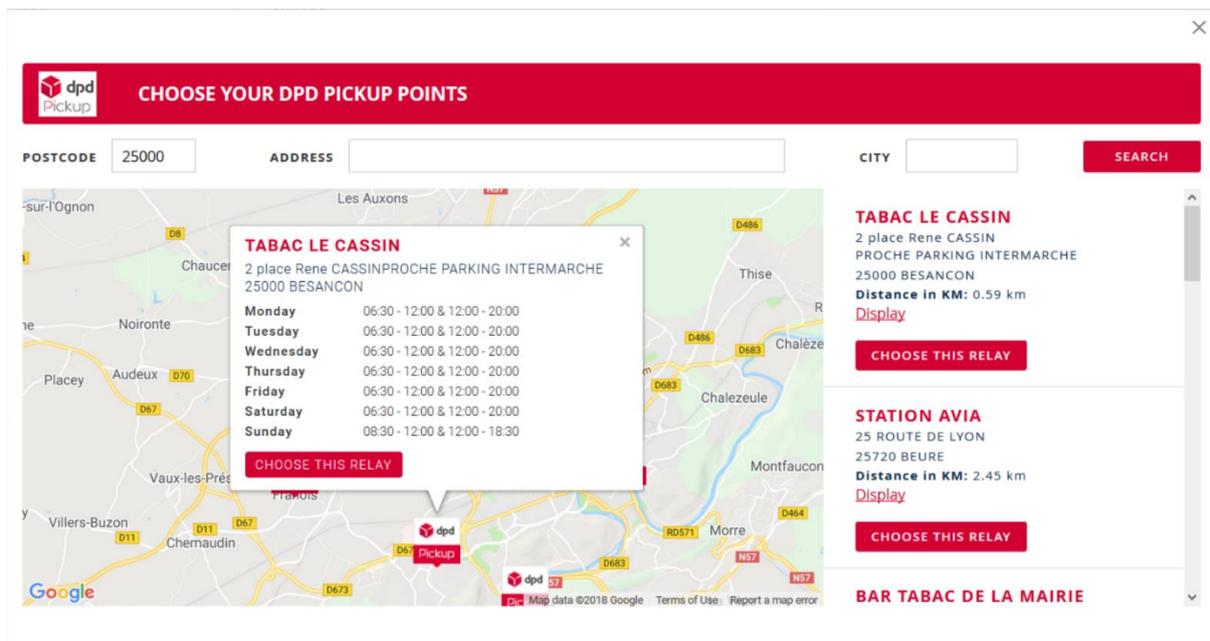
As per admin backend configuration, shipping methods and its rate will be displayed like this.

For DPD predict it simple select and you can complete order process.

If customer selects DPD Pickup then one popup will be open like below with all closet pink points with there all details:

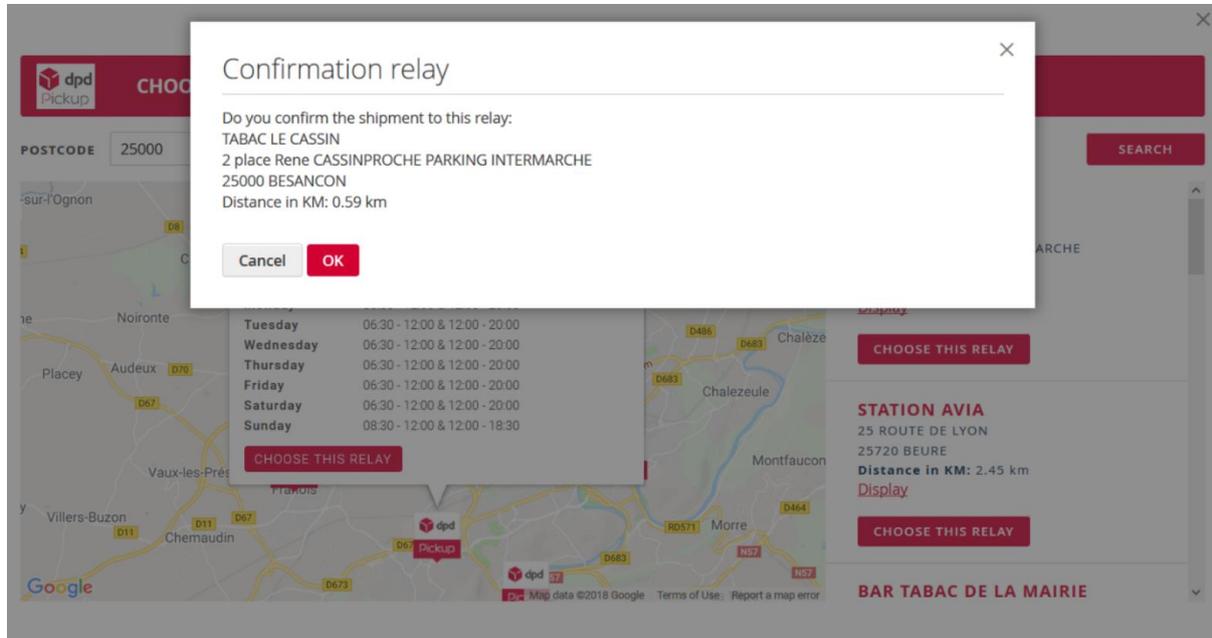


If customer clicks on display link of any pickup point then I will show all details of that particular pickup point like:

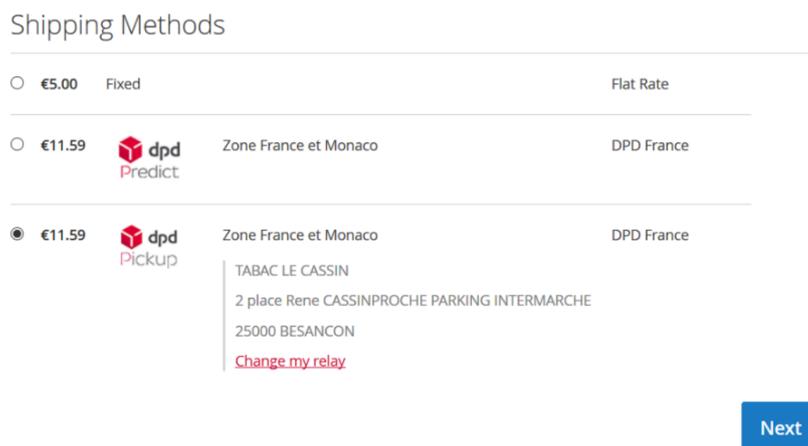


Like this customer can choose the relay by clicking the button “Choose this relay”.

Confirmation popup will be open to confirm pickup location like:



After customer select your pickup location shipping method will be displayed like below with selected DPD Point Details:



Customer can change relay by clicking on “change my relay” link. Then complete order process.

## 5-BACK-OFFICE USAGE

Admin can see DPD Pickup Point ID in sales order grid.

Admin can access it with **SALES > ORDERS**.

DPD Pickup ID will be display like below in Sale Order Grid.

Orders 🔔 demo ▾

[Create New Order](#)

Search by keyword

Filters 👁 Default View ▾ ⚙ Columns ▾ 📄 Export ▾

Actions ▾ 6 records found 20 per page 1 of 1

ID	Purchase Point	Purchase Date	Bill-to Name	Ship-to Name	Grand Total (Base)	Grand Total (Purchased)	Status	Action	DPD Point ID
<input type="checkbox"/>	000000006 Main Website Main Website Store English	Aug 29, 2018 11:21:50 AM	akash patel	akash patel	€111.59	€111.59	Pending	<a href="#">View</a>	PS6173
<input type="checkbox"/>	000000005 Main Website Main Website Store French	Aug 25, 2018 8:10:56 AM	rakesh dev	rakesh dev	€111.59	€111.59	Pending	<a href="#">View</a>	
<input type="checkbox"/>	000000004 Main Website Main Website Store French	Aug 25, 2018 8:02:32 AM	rakesh dev	rakesh dev	€100.00	€100.00	Pending	<a href="#">View</a>	
<input type="checkbox"/>	000000003 Main Website Main Website Store French	Aug 25, 2018 8:00:07 AM	rakesh dev	rakesh dev	€100.00	€100.00	Pending	<a href="#">View</a>	

Admin peut exporter l'ID du point de ramassage DPD avec la commande dans un fichier csv ou xml et gérer l'expédition en fonction de cela.

DPD Pickup Point ID peut également être obtenu avec magento REST API. L'administrateur peut donc l'utiliser dans n'importe quel logiciel tiers.

## DPD Orders - Export:

Admin can manage DPD Orders in separate window now.

Admin can access it with **SALES > DPD Export Orders**.

DPD Orders will be shown like this. So it can be managed easily.

DPD Orders - Export 🔍 16 👤 mag23Admin

Filters 👁 Default View ⚙ Columns

Actions 3 records found 20 per page < 1 of 1 >

<input type="checkbox"/>	Order ID ↑	Order Store	Order Date	Bill-to Name	Ship-to Name	Grand Total (Purchased)	DPD Shipping Type	Shipping Information	DPD Point ID	Exported	Status	Action
<input type="checkbox"/>	000000003	Main Website Main Website Store Default Store View	Jun 12, 2020, 13:06:00 PM	akash patel	akash patel	€60.00	Predict	DPD France - Predict Standartd		Yes	Pending	<a href="#">View</a>
<input type="checkbox"/>	000000002	Main Website Main Website Store Default Store View	Jun 12, 2020, 8:06:00 AM	dev test	dev test	€55.00	Pickup	DPD France - Relay Standartd	P27589	Yes	Pending	<a href="#">View</a>
<input type="checkbox"/>	000000001	Main Website Main Website Store Default Store View	Feb 20, 2020, 12:02:00 PM	akash patel	akash patel	€55.00	Pickup	DPD France - Relay Standartd	P62435	Yes	Processing	<a href="#">View</a>

Admin can also **Export DPD Orders** in csv format compatible with **DPD Shipper Tool**.

With shipper tool admin can manage multiple orders together.

## 6-MODULE UNINSTALLATION / DELETE

### 1. Disable Extension:

#### Step 1: Login to Magento File System

Firstly, it is required to login to Magento File System as an owner who has rights to write and edit the file system in Magento.

To run Magento commands go to path Magento installed root directory in shell/ssh.

#### Step 2: Run Disable Module command

Next, you can start to disable the module in Magento 2 as the following:

Run this command in ssh:

```
php bin/magento module:disable Tecksky_DPDFrance
```

#### Step 3: Run Upgrade command

Next, you can start to disable the module in Magento 2 as the following:

Run this command in ssh:

```
php bin/magento setup:upgrade
```

And you can check status of all modules by this command:

```
php bin/magento module:status
```

## 2. Delete/Remove Extension:

Remove/delete module directory (**Tecksky**) under Magento root directory

**/app/code**

Then Run this command in ssh:

```
php bin/magento setup:upgrade
```

And admin can check status of all modules with this command:

```
php bin/magento module:status
```