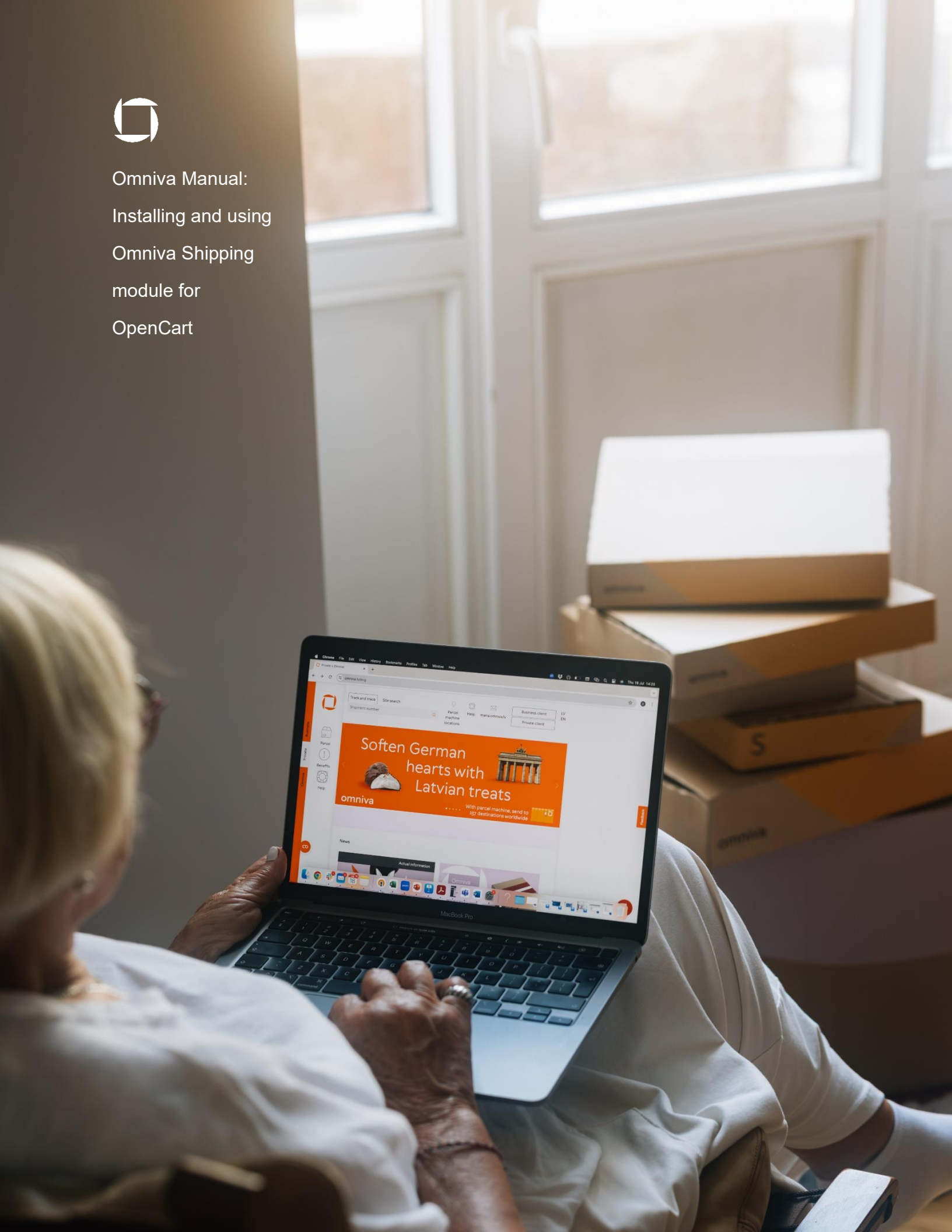




Omniva Manual:  
Installing and using  
Omniva Shipping  
module for  
OpenCart



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## Supported OpenCart versions

Module supports OpenCart 2.3 and 3.x OpenCart versions. It is based on OCMod, an OpenCart native modification engine. For ease of access Omniva module places its modification file (*omniva\_m\_base.ocmod.xml*) in OpenCart system directory.

## Prerequisites

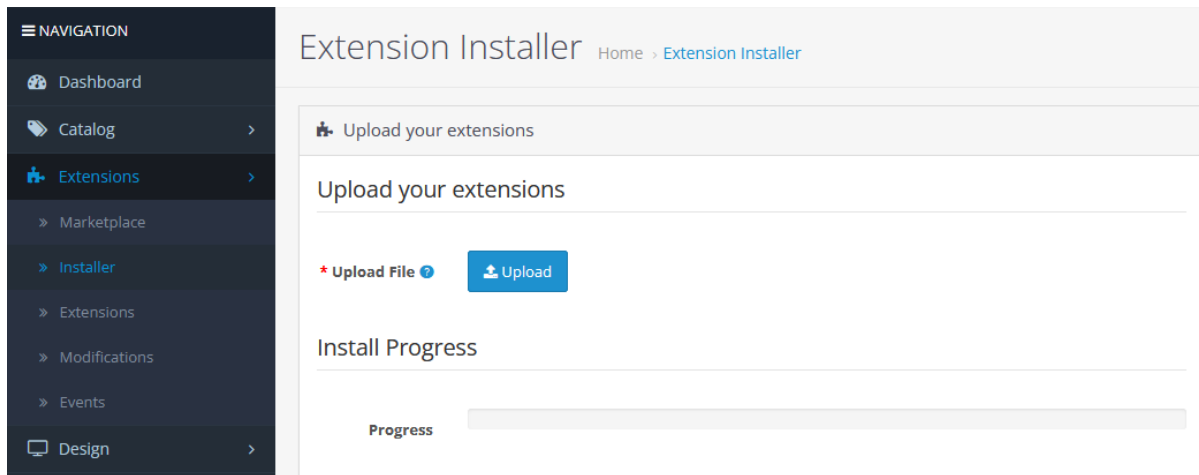
- OpenCart 2.3
- OpenCart 3.x
- Write access to OpenCart system directory
- PHP 7.0 or above
- FTP access to upload module or server and OpenCart setup to allow large file uploads (at least 40MB)

## Installation

### Step 1. Uploading module

Module can be installed either by using OpenCart installer or by uploading module files into the main OpenCart directory by FTP.

#### OpenCart installer method



Simply upload *omniva-opencart.ocmod.zip* file and OpenCart should handle everything else.

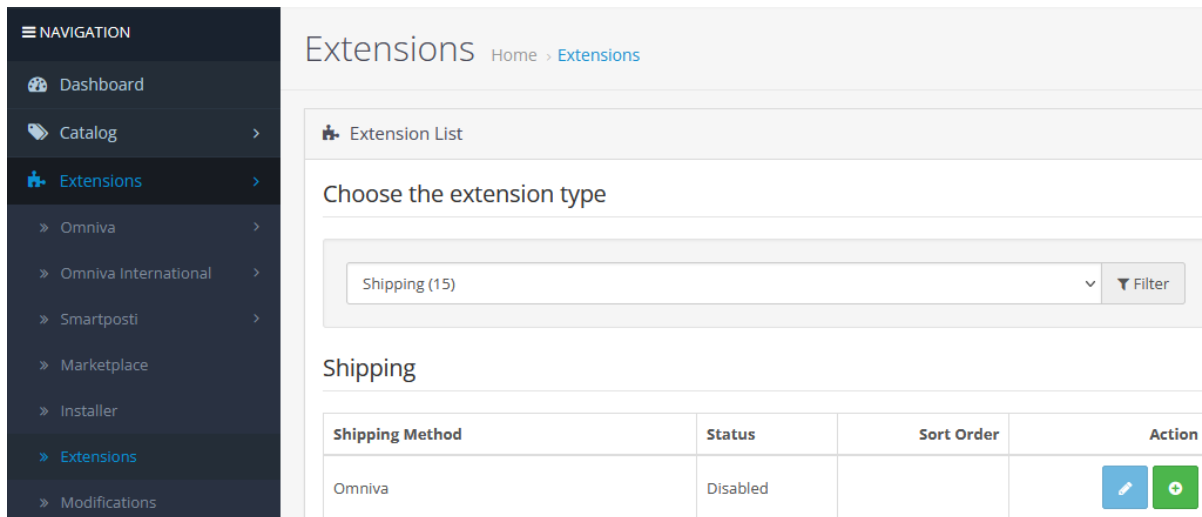
However if there is issues with upload or server and OpenCart is not setup to allow large file uploads please use FTP method.

#### FTP method

Extract *omniva-opencart.ocmod.zip* locally and upload all the files and folders from upload directory to your OpenCart main directory.

### Step 2. Module install

Go to *Extensions* → *Extensions* page and choose *Shipping*. From list find Omniva row and press green button with plus. This will install module.



NAVIGATION

- Dashboard
- Catalog
- Extensions**
  - Omniva
  - Omniva International
  - Smartposti
  - Marketplace
  - Installer
  - Extensions
  - Modifications



Extensions [Home](#) > [Extensions](#)

Extension List

Choose the extension type

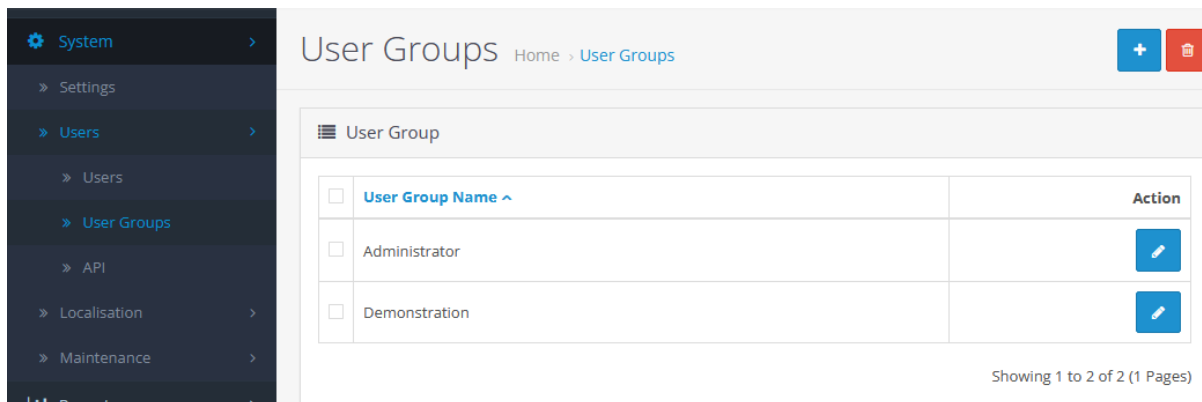
Shipping (15) Filter

Shipping

Shipping Method	Status	Sort Order	Action
Omniva	Disabled		 



### Step 3. Access / Modify permissions

To be able to use module within the admin (edit settings, access manifest page etc.) OpenCart permissions for user groups must be set. To do so please go to *System* → *Users* → *User Groups*.



System [Home](#) > [User Groups](#)

User Group

User Group Name ^	Action
<input type="checkbox"/> Administrator	
<input type="checkbox"/> Demonstration	

Showing 1 to 2 of 2 (1 Pages)

Then edit user group to allow access and/or modify permissions (there should be at least two entries in both windows with *omniva\_m* paths).

NAVIGATION

- Dashboard
- Catalog
- Extensions
- Design
- Sales
- Customers
- Marketing
- System**
  - Settings
  - Users
    - User Groups
  - API
  - Localisation
  - Maintenance

# User Groups

Home > User Groups



## Edit User Group

**\* User Group Name** Administrator

- Access Permission**
- extension/module/klarna\_checkout\_module
  - extension/module/latest
  - extension/module/laybuy\_layout
  - extension/module/omniva\_m
  - extension/module/paypal\_smart\_button
  - extension/module/pilipha\_button
- [Select All](#) / [Unselect All](#)

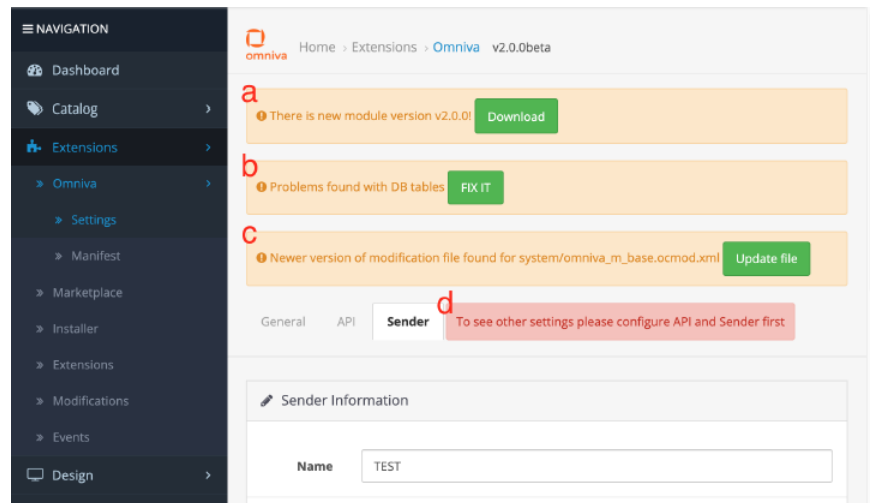
- Modify Permission**
- extension/module/klarna\_checkout\_module
  - extension/module/latest
  - extension/module/laybuy\_layout
  - extension/module/omniva\_m
  - extension/module/paypal\_smart\_button
  - extension/module/pilipha\_button

## Step 4. Configuring module settings

*Extensions* → *Extensions* select *Shipping* and *Omniva* row, use Pencil button to edit module settings.

Until API and Sender information is set and saved there will be notification about other settings being locked (d).

First time opening settings there should be notifications about updating modification file (c) and in case of OpenCart 3.x there might be notification about change to database (b).



Module checks for new versions automatically when opening settings. If newer module version found it will notify (a).

## Step 5. Applying modifications

In order for the module to display map selector in checkout as well as other functionality some of OpenCart files needs to be modified. OCMOD is being used. When in module setting “Update file” inside notification about updated modification file *omniva\_m\_base.ocmod.xml* is pressed two things happens:

1. Module copies over modification file into OpenCart system directory;
2. Redirects user to *Extensions* → *Modifications* OpenCart page.

It is required then to press refresh button to apply modifications. Please note that since module places *ocmod* file into system directory it is not showed in modification list table.

NAVIGATION

- Dashboard
- Catalog
- Extensions
- » Omniva
- » Marketplace
- » Installer
- » Extensions
- » Modifications
- » Events

Modifications Home > Modifications

Whenever you enable / disable or delete a modification you need to click the refresh button to rebuild your modification cache!

Modification List

General Log

<input type="checkbox"/>	Modification Name ^	Author	Version	Status	Date Added	Action
No results!						

Showing 0 to 0 of 0 (0 Pages)

After modifications is applied new Omniva menu (Settings, Manifest and Courier Calls) will be added to admin menu under Extensions.

## Module settings


### General Tab

This is general settings dependent on OpenCart.



**General** API Sender To see other settings please configure API and Sender first

---

 General settings

**a** Tax class

**b** Geo zone

**c** Module status

**d** Sort order

**e** Order status   
*What order status is to set after successful label registration.*



**f** Register error status   
*What order status to set after failed label registration.*

**g** Length class (cm)   
*Select length class used for centimeters*

**h** Weight class (kg)   
*Select weight class used for kilograms*

**i** Disable cart weight check for terminals   
*If set to YES disables total cart weight check (max 25kg) for terminals*

**j** Use simple terminal fit check   
*Checks if cart fits terminal box dimensions W38 - H39 - L64.*

**k**  

(a) *Tax class* – set what tax class (configured in OpenCart) is used to calculate final shipping cost.

- (b) *Geo zone* – it is recommended to use configured geo zones to limit module visibility to just selected countries. This setting also decides what countries will be displayed for price control.
- (c) *Module status* – enables or disables module.
- (d) *Sort order* – order where module should be if used together with other shipping modules.
- (e) *Order status* – order status to set after successful label registration.
- (f) *Register error status* – order status to set after failed label registration.
- (g) *Length class* – choose which length class (configured in OpenCart) corresponds to centimeters.
- (h) *Weight class* – choose which weight class (configured in OpenCart) corresponds to kilograms.
- (i) *Disable cart weight check for terminals* – set if don't want the terminal shipping method to be hidden when the cart weight exceeds 25 kg.
- (j) *Use simple terminal fit check* – enable a function that calculates the size of the shipment and if it is larger than it fits in the parcel terminal, then disables the display of the parcel terminal shipping method.
- (k) Press save button to save changes.

## API Tab

These are API settings for connections with the Omniva server.

General **API** Sender To see other settings please configure API and Sender first

⚙️ API settings

**a** Contract Origin

**b** Username



**c** Password

**d** Send parcel by

**e** Print labels

**f** Add Order ID as comment to label

**g** Show return code to customers


**h**  

- (a) *Contract Origin* – country origin where Omniva contract was made. Default is “Other” and only should be changed if contract is done in Estonia.
- (b) *Username* to Omniva API is supplied by Omniva manager.
- (c) *Password* to Omniva API is supplied by Omniva manager.
- (d) *Send parcel by* – how parcels will be sent from your store.
- (e) *Print labels* – option for what format should be used when printing Omniva labels.
- (f) *Add Order ID as comment to label* – option to add order id as comment to labels. Useful to not mix up labels when printing more than one at once.
- (g) *Show return code to customers* – whether to include a return code in SMS messages and emails sent to customers from Omniva.
- (h) Press save button to save changes.

## Sender Tab

Sender information, this info will be visible on labels and also used for courier call.

General API **Sender** To see other settings please configure API and Sender first

 Sender Information

**a** Name

**b** Street



**c** Postcode

**d** City

**e** Country

**f** Mob. phone

**g** E-mail

**h**  

- (a) *Name* – sender name visible on label.
- (b) *Street* – sender address visible on label.
- (c) *Postcode* – sender address visible on label.  
*Note! Latvian postcodes must be in format LV-XXXX*
- (d) *City* – sender city visible on label.
- (e) *Country* – sender country visible on label.
- (f) *Mob. phone* – sender mobile phone visible on label.
- (g) *E-mail* – sender email address.
- (h) Press save button to save changes.

## Price Tab

Price settings support range behavior in input fields for better price control.

General API Sender **Price** C.O.D Terminals Tracking E-mail

---

**Price Settings**





*Set -1 (negative price) in price field to disable that option for particular country.*

**a** Country  Selection is limited to set Geo Zone

**b** Terminal price  **d** Range type

**c** Courier price  Range type

**e**

Country	Price Data	Actions
Latvia	Terminal price 0:4 ; 50:0	Cart Total
	Courier price 9.45	Cart Total <b>g</b>   <b>h</b>
Lithuania	Terminal price 2.99	Cart Total
	Courier price 0:5.89 ; 30:12.99 ; 50:20	Cart Weight  

- (a) *Country* for which price setting is being created. List depends on the set *Geo Zone*. Once price for country is added, country is removed from this list.
- (b) *Terminal price* for the country. Supports range format (see section *Price format*).
- (c) *Courier price* for the country. Supports range format (see section *Price format*).
- (d) *Range type* set on what price is based. Can be based on *Cart Weight* or *Cart Total*.
- (e) *Add Price* button saves price settings for the country.
- (f) After saving price setting for the country it is displayed in table as summary.
- (g) Button to edit price setting.
- (h) Button to delete price setting. After removal country will be added back to list (a).

## Price format

Price can be set in multiple ways:

- Just price by itself. Eg. 1.
- Can be left empty or negative. This will disable that option for the country. Eg. setting terminal price to -1 and courier to 5 means only courier option will be displayed.
- Set as ranges in a format `range_type:price ; range_type:price`

Example for range type *Cart Total*:

<b>Terminal price</b>	<input type="text" value="0:6.99 ; 50:2.5 ; 300:0"/>	<b>Range type</b>	<input type="text" value="Cart Total"/>
-----------------------	--	-------------------	---

This means from cart total 0 to 50 price will be set as 6.99, from 50 to 300 as 2.5 and from 300 and above as 0.

Example for range type *Cart Weight*, weight is assumed in kg:

<b>Terminal price</b>	<input type="text" value="0:2.5 ; 10:4 ; 20:8"/>	<b>Range type</b>	<input type="text" value="Cart Weight"/>
-----------------------	--	-------------------	--

This means from cart weight 0 kg to 10 kg price will be set as 2.5, from 10 kg to 20 kg as 4 and from 20 kg and above as 8.

**Note!** Terminal option is automatically disabled if cart total weight is above 30 kg.

## C.O.D Tab

It is recommended to setup at least which of installed payment methods are cash on delivery type. As that will let the module warn if an order is made with cash on delivery while this option is disabled for usage with Omniva.

**Note!** These settings does **not** affect payment methods, meaning having C.O.D disabled in Omniva module does not mean cash on delivery method will not be shown in checkout if Omniva method is selected. This setting is used only by module to know when to add additional information when registering labels.

The screenshot shows the 'C.O.D Settings' configuration page. At the top, there are tabs for 'General', 'API', 'Sender', 'Price', 'C.O.D', 'Terminals', and 'Tracking E-mail'. The 'C.O.D' tab is active. Below the tabs, the settings are organized into sections:

- a** **Status**: A dropdown menu set to 'Enabled'.
- b** **Payment Options**: A list of checkboxes for 'Cheque / Money Order', 'Cash On Delivery' (checked), and 'Free Checkout'. Below this list is the text 'Select payment options that are for C.O.D'.
- c** **Receiver name**: A text input field containing 'DEMO SHOP'.
- d** **IBAN**: A text input field containing 'LT12 1000 0111 0000 0000'.
- e** **Save button**: A blue button with a save icon and a red 'e' label next to it.

- (a) *Status* – enables or disables module ability to register labels with cash on delivery information.
- (b) *Payment Options* – list of all installed payment methods, methods that are for cash on delivery should be checked, this way module will know that label needs cash on delivery information added.
- (c) *Receiver name* – bank account receiver name.
- (d) *IBAN* – bank account number.
- (e) Press save button to save changes.

## Terminals Tab

Displays information about terminals.

The screenshot shows a web interface with a navigation bar at the top containing tabs: General, API, Sender, Price, C.O.D, Terminals (selected), and Tracking E-mail. Below the navigation bar is a section titled "Terminals information" with a location pin icon. The main content area displays the following information:

- a** Last update: **2025-04-02 15:17:47**
- b** EE: **387**
- LV: **390**
- LT: **548**
- FI: **2037**
- c** CRON URL: [https://dev.shop/index.php?route=extension/module/omniva\\_m/ajax&action=terminalUpdate&secret=67ea958986fe3](https://dev.shop/index.php?route=extension/module/omniva_m/ajax&action=terminalUpdate&secret=67ea958986fe3)  
*Use this link to setup automated terminals update (Cron Job)*

At the bottom right of the section, there is a red letter **d** next to a blue square button containing a white refresh icon.

- (a) Time when terminals were updated last time.
- (b) Shows terminal count for each country.  
**Note!** Estonian post offices are not counted or used within module.
- (c) In order to automatically update terminal list please use cron job or other tools to visit given URL.
- (d) Can be used to update terminals anytime manually.



## Tracking E-mail Tab

If enabled, the module will send a text email to the customer with tracking URL after label was generated. OpenCart mailer is used for sending. Please note if mailer is configured to use PHP mail() function it might not always work or get blocked. It is advised to setup SMTP for mailer.

**Note!** Send email is in text format, as the module does not support html templates.

The screenshot shows the 'Tracking E-mail' configuration tab. It includes a header with navigation tabs: General, API, Sender, Price, C.O.D, Terminals, and Tracking E-mail. The main content area is titled 'Tracking URL e-mail' and contains the following fields:

- a Status:** A dropdown menu set to 'Enabled'.
- b Tracking URL:** A text input field containing 'https://www.omniva.lt/verslo/siuntos\_sekimas?barcode=@'. Below the field is a note: '@ will be replaced with tracking number'.
- c E-mail subject:** A text input field containing 'Your shipment is on its way!'.
- d E-mail template:** A large text area containing 'You can track your shipment here: {{ tracking\_url }}'. Below the text area is a note: '{{ tracking\_url }} - key where to insert tracking URL, to insert just tracking number please use {{ tracking\_number }}'.
- e Save button:** A blue button with a floppy disk icon and a red 'e' label, next to a grey button with a circular arrow icon.

- (a) *Status* – enable or disable email sending.
- (b) *Tracking URL* – tracking URL to be used with barcodes, use @ to mark where barcode should be placed.
- (c) *E-mail subject* – title of the email that tells the recipient what the message is about.
- (d) *E-mail template* – the main body of the email that contains the message. Within template special tags can be used to place either tracking URL or barcodes.
  - {{ tracking\_url }} used to insert tracking url.
  - {{ tracking\_number }} used to insert barcode.
- (e) Press save button to save changes.

## Manifest page

Omniva manifest page can be reached *Extensions* → *Omniva* → *Manifest*.

The screenshot displays the Omniva manifest page. On the left is a dark navigation sidebar with options: Dashboard, Catalog, Extensions, Omniva (with sub-items: Settings, Manifest, Active Courier Calls, Marketplace, Installer, Extensions, Modifications, Events), Design, Sales, Customers, Marketing, System, and Reports. The main content area is titled 'Orders with Omniva shipping' and contains a table with the following data:

Order ID	Customer	Status	Barcode	Manifest ID	Actions
16	Test Omniva	Shipped	CC739633303EE	2	[Print] [Manifest] [Call]
12	Test Test	Shipped	CC739625911EE		[Print]
11	Testas Testas	Failed			[Print]
6	Test Testas	Pending			[Print]
5	Testas Omniva	Pending			[Print]
2	Testas Omniva	Processing	CC739626174EE	1	[Print] [Manifest] [Call]
1	Test Test	Pending			[Print]

On the right, a 'Filters' panel includes input fields for Order ID, Customer, and Barcode, and dropdown menus for Has Barcode, Is In Manifest, and Order Status. A 'Filter' button is at the bottom of the panel. At the top right of the main area, three buttons are labeled e, f, and g.

(a) List of all orders made with Omniva shipping method selected:

- *Order ID* – order identification number.
- *Customer* – order customer name, also link to open order details.
- *Status* – current order status.
- *Barcode* – latest registered barcodes or in case of error last error.
- *Manifest ID* – if order was added to manifest it will show manifest ID.
- *Actions* – possible actions for the order.

(b) Filters, see Filters section for detail.

(c) Single order label register / print.

(d) Print existing manifest. Only visible if order is in manifest (Manifest ID column shows manifest ID).

(e) Button to mass register / print labels for marked orders. Module will try to register label if order has no barcode or had previously an error, and if barcode already exists will print that label.

(f) Button to create manifest with marked orders. Only orders that are not in manifest will be used to create manifest.

(g) Button to call Omniva courier for pickup.



Spinning circle inside button shows that click is received and it is working. Please wait for it to finish.

## Filters

Manifest filters help to filter out certain orders for label registration and/or manifest creation.

- (a) Filters by given Order ID.
- (b) Filters by given customer name.
- (c) Searches for a barcode or part of barcode. Please note it searches through whole history while table only shows the latest barcode or error. To see such barcode please look inside order Omniva panels Label history tab.
- (d) Filter by orders that have barcodes or vice versa.
- (e) Filter by orders that are in manifest or vice versa.
- (f) Filter orders by status.
- (g) Use filter and load results.










The Filters panel includes the following elements:

- Order ID:** A text input field labeled 'a'.
- Customer:** A text input field labeled 'b'.
- Barcode:** A text input field labeled 'c'.
- Has Barcode:** A dropdown menu with a '-' selection, labeled 'd'.
- Is In Manifest:** A dropdown menu with a '-' selection, labeled 'e'.
- Order Status:** A dropdown menu with a '-' selection, labeled 'f'.
- Filter Button:** A button with a downward arrow and the text 'Filter', labeled 'g'.

## OpenCart Sales Order List

Module inserts additional functionality into default OpenCart *Sales* → *Orders* menu for easier identification of orders made with Omniva shipping method.

The Orders page displays the following table:

Order ID	Customer	Status	Total	Date Added	Date Modified	Action
16	Test Omniva  a	Shipped	104.59€	17/12/2024	17/12/2024	 
12	Test Test 	Shipped	104.59€	09/08/2024	04/12/2024	 
11	Testas Testas 	Failed	207.00€	21/12/2023	21/12/2023	 

The filter panel on the right includes:

- Show Only Omniva Orders:** A dropdown menu with 'No' selected, labeled 'b'.
- Order ID:** A text input field labeled 'c'.

- (a) Orders with Omniva shipping method is marked with Omniva logo near customer name.

- (b) Additional filter so only orders with Omniva shipping method is shown.
- (c) Button to Register / Print Omniva label. It only affects orders with Omniva shipping method, and tries to register labels if they have no registered barcode or had an error or Omniva order information was changed recently.
- (d) Button to call Omniva courier. Same as button in Omniva manifest page.

## Order information page

Module inserts additional panel into OpenCart order view page with additional information used for registering labels. As well label history about previously registered barcodes or errors. Changing order information in this panel when barcode has been registered will mark order as needing a new label. It will also remove this order from manifest if it was added into one.

## Omniva order information Tab

**i** Omniva

**Omniva order information** Label history **1**

**a** Order added to manifest ID: 3

**b** Latest registered tracking numbers: CC739663835EE

**c** Package #1 additional services

FRAGILE  
 DELIVERY\_TO\_AN\_ADULT

Package #2 additional services **Remove** **d**

FRAGILE

**e** Add package

**f** Total weight 0.3 kg  
*If more than one package is assigned, weight will be divided by package number.*

**g** C.O.D Yes Amount 106.89 €  
*Changing will reset packages back to 1 package.*

Register Label **h** Print Label **i** Save Order Data **j**

- (a) Information to what manifest ID this order has been included. Shown only if in manifest.
- (b) Shows latest registered barcodes or errors. Also if order information has been changed in some way.
- (c) Additional services for a package.
  - *FRAGILE* – the package must be handled with care.
  - *DELIVERY\_TO\_AN\_ADULT* – when delivering a package, check the document to ensure that the recipient is an adult.
- (d) Button to remove additional package.
- (e) Button to add additional package.

- (f) Order total weight.  
**Note!** Omniva terminals allow a maximum weight of 30 kg. If multi parcel is used - weight will be divided by the multi parcel number.
- (g) Cash on delivery information. C.O.D yes/no is determined automatically based on module C.O.D settings.
- (h) Button to register label. It will warn about registering if order already has barcodes. Registering again removes order from any manifests it was in before.
- (i) Prints label. Only visible if registered barcodes are available.
- (j) Save order data button saves changes done in this panel, upon success order page will be reloaded. This action also invalidates previously registered labels (which is still accessible through Label history tab) as well removes order from any manifest it was in.

## Label history Tab

**i** Omniva

---

Omniva order information    **Label history** 3

**a**

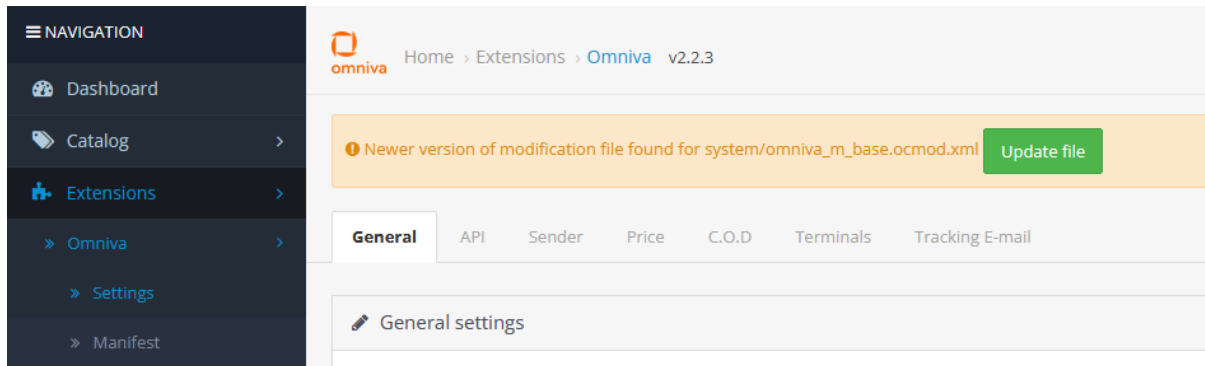
Date	Service Code	Tracking Number	Actions
2025-04-02 17:28:55	#1: COD	CC739668894EE, CC739668903EE	Print <b>b</b>
2025-04-02 17:28:50	Order data changed		
2025-04-02 17:17:30	COD	CC739663835EE	Print

- (a) Label history table shows previous actions like errors during registration, service and additional service codes with which module tried to register the label.
- (b) Button allows to print again previously generated label.  
**Note!** Only latest label should be used when sending parcel.

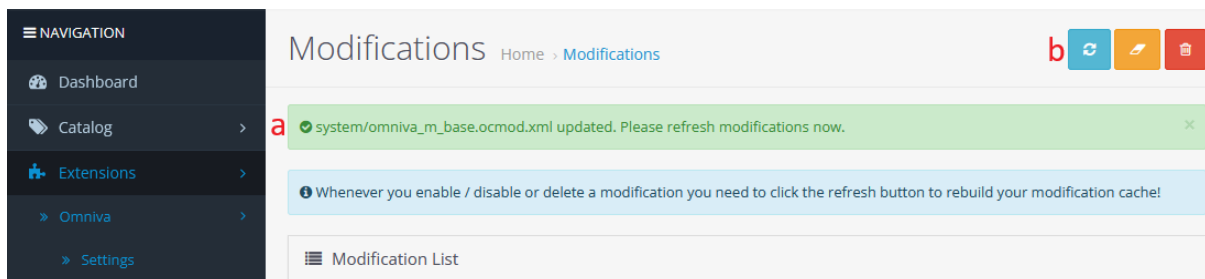
## Module updating

Module updating works the same way as installation either upload using FTP or install with OpenCart installer.

After uploading first thing to do is go to Omniva module settings, if modification file has changed module will notify about it.



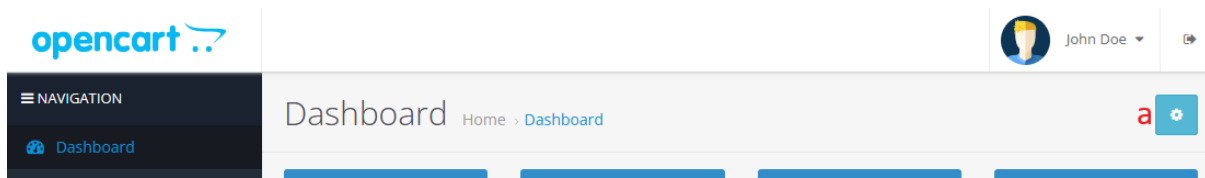
Pressing “Update file” button module will update modification file in OpenCart system directory and redirect to *Extensions* → *Modifications* page.



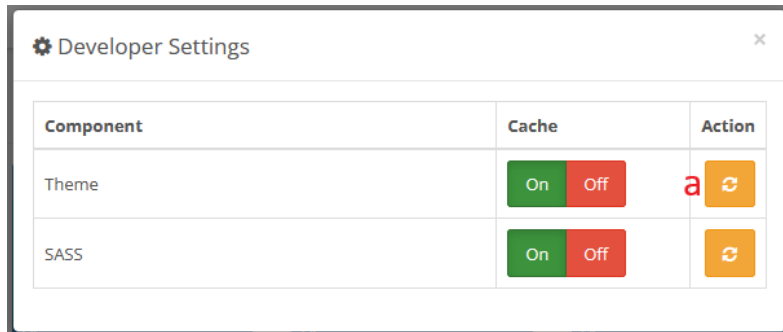
It will have notification that *omniva\_m\_base.ocmod.xml* files has been updated (a) and modification refresh is needed by pressing “Refresh” button (b).

## OpenCart 3.x cache refresh

In addition, OpenCart 3.x Theme cache must be refreshed.



To do so go to Dashboard and press cog button (a).



From window that opens use refresh button at Theme row (a).

Please check if any other third party caching modules are used and if needed update cache.