

# Magento MacWay Integration module

## User Manual



## Version 2.5

December 13th 2016

Following Features added:

- Export Products csv from magento configuration to complete MacWay attributes and category mappings
- Possibility to export single non-visible items (products associated to settable ones)
- Easy set up for shipping modules and payments to associate with Macway orders
- Added tracking code on Macway backoffice when a new shipment is done on Magento
- Macway tracking number with customizable prefix and link to Macway order from Magento backend
- Shipping days set up (negative values also accepted)
- Ean, quantity and price attributes set up
- Bug fixes to import orders if province is compulsory on Magento
- Set up allows not to reject orders even if there are items non in stock

## Introduction

Magento-Macway integration module, developed by PWS, perfectly integrates Macway marketplace and Magento platform.

Few seconds will be enough to publish all catalogues you have on Magento also on Macway website. Moreover, you will be able to import in Sale section all orders placed on Macway website. Consequently, it will be possible to use all the eventual plug installed on Magento to enhance post selling automation process (i.e. with couriers and management software) as if the orders were placed directly on Magento website.

**ATTENTION: to export products on this marketplace it is important to have items ean code already uploaded on Magento. If items haven't already been loaded on the marketplace (they don't have a description or any picture), you are required to make a record and build items' identity. Only after creating the product into Macway database, the module will be able to manage offers on the marketplace. If you have any doubt or request our technical support will be there to help you.**

## Configuration

In order to correctly install this module, if compilation is on, disable it.

Extract module on a dir of your hard disk, upload the zipped material (note that dir app and shell must be loaded on Magento root directory). Login admin, reset the cache, then logout, and login again. Access to Configuration from the menu system, there should be a new section called PWSMAGE where you will find Macway group.

**Be sure that Magento cronjob is correctly set up.**

If it's not, items exportation and orders' importation process won't take place.

## Configuration

In Pwsmage/Macway entry there are these tabs to be filled in:

**Macway Settings**

**Api Data**

**Product Export Settings**

**Order Import Settings**

## Macway Settings

They include the fields where module is activated, there is the debug and also the store that exports items and imports orders.

## Api Data

Here you will find the main fields to connect to Macway API.

Service Url field is already valorized with Macway production environment. This Url must be modified with a link to the Macway preprod API if you want to test your environment before going live.

Token field must be valorized by the API key that you will get from Macway panel control (see below picture). When you click to the upper-right hand corner on the account email address, account settings window will come out. The last entry of the menu to the left is the API key; here you can create the token that will be placed in Magento token configuration field. We highly recommend you to save this setting and test the API connection through the appropriate key control

as showed in the picture.

## MacWay User Settings

The screenshot shows the MacWay user settings interface. At the top is a dark blue navigation bar with the MacWay logo and menu items: My Orders, My Inventory, My Messages, My Account, and Information. Below this is the main heading "My user settings". On the left is a vertical sidebar with three options: Password, Language, and API key, each with a right-pointing arrow. The "API key" option is highlighted in blue. The main content area is titled "API key" and contains a text input field with the value "9accdf39-bd5f-4890-a6a0-dce9d9a9c7df". To the right of the input field is a blue button labeled "Copy to clipboard". Below the input field is a green button with a checkmark icon and the text "Generate a new key".

## Magento Macway Configuration

✔ Macway API test connection successful

### Macway

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**Macway Settings**

Abilitato	<input type="text" value="Si"/>	[GLOBALE]
Enable Debug	<input type="text" value="No"/> <small>▲ In debug mode all api requests would be stored in log file</small>	[GLOBALE]
Negozio	<input type="text" value="English"/> <small>▲ Store to use for products export and orders import</small>	[GLOBALE]

**Api Data**

Service Uri	<input type="text" value="https://macway-preprod.mirakl.net/api/"/>	[GLOBALE]
API Key	<input type="text" value="*****"/>	[GLOBALE]
	<input type="button" value="Test (save config before trying to test)"/>	[GLOBALE]
	<input type="button" value="Process Orders (save config)"/>	[GLOBALE]

**Product Export Settings**

Export Product	<input type="button" value="Export Product"/>	[GLOBALE]
Init store (Force using flat table)	<input type="text" value="No"/> <small>▲ Will init selected store view, so if enabled, you will have only products that present in flat tables (If they are enabled)</small>	[GLOBALE]
Use direct SQL	<input type="text" value="No"/> <small>▲ Use direct SQL queries or standard magento collections.</small>	[GLOBALE]
Page size	<input type="text" value="0"/> <small>▲ Number of records per call. Empty or zero means no limit.</small>	[GLOBALE]
Export only selected	<input type="text" value="No"/>	[GLOBALE]
Use alternate ean attribute	<input type="text" value="No"/>	[GLOBALE]
Use alternate quantity attribute	<input type="text" value="No"/>	[GLOBALE]

If data are correct, after clicking on Test button, the Macway API test successful connection message will appear on the top left side.

Process orders button is helpful when orders' importation issues come out. As soon as a new order is placed on Macway platform, this button can help checking if there is any error while importing on Magento platform.

# Product Export Settings

## Export Product Button

With this button you can export and save on your pc the csv feed to create your products on Macway marketplace. We have to give a short explanation on how the marketplace works.

Between MacWay products and your magento products there is a one-by-one relationship built on product ean numbers. When a product is loaded into MacWay marketplace, it will be associated to his ean. All the merchants that will sell this product on MacWay will have to hook their sku numbers to this ean number. If a product is not already loaded into MacWay marketplace we have the option to create it with the csv feed produced by the Export Product Button.

This task is better describe in the following paragraph: Product Creation on MacWay

In this section all items' essential export attributes are set up.

**Init store (Force using Flat Table):** enable it only if Magento flat tabs are on and if you are sure that products' attributes to be exported are already in products flat table. **If you have any doubt keep it disabled (NO)**

Use direct SQL queries: to get high exportation performances, it's suitable to enable this feature in case of thousand products catalogs. **If catalogs have up to 5000 products keep default settings (NO)**

Page Size: it includes the number of items that have been exported for each query, usually it's possible to leave this field empty or zero (this means it will have no limits)

**Export Only Selected:** If it is set on YES, only items with Export Macway attribute and that are valorized to YES will be exported. If this field is set on NO, then the complete catalogue will be exported. Default NO exports the whole catalog.

**Use alternate ean attribute**

**Use alternate quantity attribute**

**Use alternate price attribute**

These fields allow a different usage of default items attributes like ean, quantity and price. This form has Magento default "ean", "qty" and "price" attributes, the ones usually save these data. Alternatively, if you want to adopt new attributes, different from the standard ones, you can click YES to each entry: a drop-down menu will let you select the option.

If you select a different quantity feature, next "Export zero and negative qty." won't be available (see below)

If you select a different price attribute, then no special price will be taken into consideration.

**Enable Offers Cron:** must be enabled to export items with Magento cron.

**Cronjob Expression:** it's the cronjob set up that allows items export, we suggest you `0 */1 * * *`, that is an hourly export.

**Markup:** is the charge that will be applied to items on Macway. For instance, 5 means 5% plus on Magento platform given price.

**Include Vat In Prices:** you can decide whether to include or not Vat prices on exported products. It's useful when items in magento backoffice are Vat inclusive uploaded.

**Days for shipping:** days needed to process the order. You can also add values like 10-15 meaning that the order will be dispatched in 10-15 days.

**Change weight attribute:** Set up an alternative attribute for products' weight, this will be taken as reference to establish shipment costs based on an Macway control panel.

**Export tmp dir:** directory useful to create CSV file.

**Offers Filename:** file template name used to export products.

**Export simple associated products:** it exports simple products associated with programmable ones, usually they are not exported because they are invisible on the catalogue and on Magento search. This is useful when we have many configurable products.

**Export zero and negative qty:** If it is set on YES, this attribute exports also items with zero or negative quantity on Magento. For these items, a fake quantity can be set up in the next field. If you select a different quantity attribute this entry will get ineffective.

## Product Export Settings

Init store (Force using flat table)	<input type="text" value="No"/>	[GLOBALE]
	▲ Will init selected store view, so if enabled, you will have only products that present in flat tables (If they are enabled)	
Use direct SQL	<input type="text" value="No"/>	[GLOBALE]
	▲ Use direct SQL queries or standard magento collections.	
Page size	<input type="text" value="0"/>	[GLOBALE]
	▲ Number of records per call. Empty or zero means no limit.	
Export only selected	<input type="text" value="No"/>	[GLOBALE]
Use alternate ean attribute	<input type="text" value="Si"/>	[GLOBALE]
Select attribute for ean	<input type="text" value="sku"/>	[GLOBALE]
Use alternate quantity attribute	<input type="text" value="No"/>	[GLOBALE]
Use alternate price attribute	<input type="text" value="No"/>	[GLOBALE]
Enable Offers Cron	<input type="text" value="Si"/>	[GLOBALE]
Cronjob Expression	<input type="text" value="*/5 * * * *"/>	[GLOBALE]
	▲ Example: 0 */1 * * * *	
Enable Offers Replace Cron	<input type="text" value="Si"/>	[GLOBALE]
Cronjob Expression	<input type="text" value="*/30 * * * *"/>	[GLOBALE]
	▲ Example: 0 0 */7 * * *	
Markup	<input type="text" value="0"/>	[GLOBALE]
Include Vat in Prices	<input type="text" value="No"/>	[GLOBALE]
Days For Shipping	<input type="text" value="2"/>	[GLOBALE]
Change weight attribute	<input type="text"/>	[GLOBALE]
	▲ Insert new weight attribute code. If empty magento default weight will be used. Be sure attribute exists and has values for each product.	
Export Tmp Dir	<input type="text" value="var/export/eprice"/>	[GLOBALE]
	▲ Path relative to the project root	
Offers Filename	<input type="text" value="feed-offers-&lt;code&gt;{DATETIME}&lt;/code&gt;.csv"/>	[GLOBALE]
	▲ Can use vars: <code>{DATE}</code> <code>{DATETIME}</code>	
Offers Replace Filename	<input type="text" value="feed-offers-replace-&lt;code&gt;{DATETIME}&lt;/code&gt;.csv"/>	[GLOBALE]
	▲ Can use vars: <code>{DATE}</code> <code>{DATETIME}</code>	
Export simple associated products	<input type="text" value="No"/>	[GLOBALE]
Export zero and negative qty	<input type="text" value="No"/>	[GLOBALE]



## Products settings and specific attributes update

Macway form automatically sets 2 new attributes to Default set assigned items. If you have standard settings, note that they are not necessary to export items.

These are the cases when it is fundamental to valorize them:

**Macway Export Attribute:** is a YES/NO attribute available only when “Export Only Selected” is active. In this case, only YES set products will be exported.

**Macway Logistic Class:** is an attribute acting on Macway established shipping cost. It’s a list of all logistic classes. If this field is not valorized, then Macway shipping cost will be calculated according to item weight reported on Magento. If it is valorized, shipping cost will be selected like the matching Macway logistic Class. For further details on Macway logistic classes check your account settings on the marketplace.

## Product Creation on MacWay

To create products on MacWay we have to first of all export our csv feed by clickin on Export Product Button. A message will appear in our notification area:

Product has been exported in CSV file. Please check below path.  
your magento root path/var/export/macway/feed-products-2016-12-13\_123104.csv

You will have to enter in your web space using a ftp client to download the feed. Only products with valide Ean number will be exported.

This file can be used in <https://marketplace.macway.com/shop/catalog/mapping/wizard> page to map attributes and categories.

You will have to upload it usig the following form

MacWay My Orders My Inventory My Messages My Account Information

### Product flow mapping

1. Import product file
2. Categorization
3. Category mapping
4. Attribute mapping
5. Value mapping
6. Define rules
7. Summary and validation

#### Import your products file

Welcome to the product import wizard. This wizard helps you to:

- Import your product files
- Set up your configuration
- Add your products to the marketplace

First, please import the file containing the products you wish to add to the Marketplace.

Your file must be either in XLSX format or in CSV format and encoded as UTF-8

File to import

In the next page you will have to associate magento categories with MacWay categories using the drag and drop. Just drag every magento category on the right MacWay category like the image below

MacWay My Orders My Inventory My Messages My Account Information

### Product flow mapping

1. Import product file >
2. Categorization >
3. Category mapping >
4. Attribute mapping >
5. Value mapping >
6. Define rules >
7. Summary and validation >

Preview of file feed-products-2016-12-13\_123027.csv

Item_sku	external_product_id	external_product_id_type	Item_name	main_image_url	website_shipping_weight	website_shipping_weight_unit_of_measure	manufacturer
701275	8806088313368	EAN	Samsung G925 S6 Edge...	http://demo.modulosc...	500	g	India

1/1 lines

**Categorization**

Column corresponding to the category \*

Subcategory separator (optional)

**Preview of your categories**

- Root
  - Smartphone
    - SAMSUNG

[Previous step](#) [Next step](#)

MacWay My Orders My Inventory My Messages My Account Information

### Product flow mapping

1. Import product file >
2. Categorization >
3. Category mapping >
4. Attribute mapping >
5. Value mapping >
6. Define rules >
7. Summary and validation >

**My categories** Mapping to do

- Root
  - Smartphone (Android)
    - SAMSUNG

**Operator categories**

- Root
  - Android
    - Batterie
    - Cable
    - SAMSUNG Telephone
    - Apple Watch
    - Connectique
    - Image & Son
    - iPad
    - iPhone
    - iPod
    - Mac
    - Mémoire
    - Objet Connecté
    - Périphérique
    - Stockage

1

Categories to map

■ To be mapped (1)  
■ Mapping OK (1)

[Previous step](#) [Next step](#)


MacWay My Orders My Inventory My Messages My Account Information [www.miraki.com](#)

## Product flow mapping

1. Import product file >
2. Categorization >
3. Category mapping >
4. Attribute mapping >
5. Value mapping >
6. Define rules >
7. Summary and validation >

16

Attributes to map



■ To be mapped (16)  
■ Mapping OK (7)

### My attributes

Automap

Q

- available-end-date
- available-start-date
- discount-end-date
- discount-price
- discount-start-date
- external\_product\_id
- external\_product\_id\_type
- internal\_description
- item\_name
- item\_sku
- logistic-class
- main\_image\_url
- manufacturer
- min-quantity-alert
- price-additional-info
- product\_description
- quantity
- sale\_price
- standard\_price
- update-delete
- VAT
- website\_shipping\_weight
- website\_shipping\_weight\_unit\_of\_measure

### Operator attributes

Collapse all

Q

- Root
- EAN du produit *[external\_product\_id]* x
- Nom du produit *[item\_name]* x
- SKU du produit *[item\_sku]* x
- Modèle du produit
- Accroche Commerciale *[item\_name, internal\_description]* x
- Description du produit *[product\_description]* x
- Marque *[manufacturer]* x
- Hauteur du produit
- Longueur du produit
- Largeur du produit
- Unité de mesure des dimensions du produits
- Poids du produit
- Unité du poids
- Point fort du produit n°1
- Point fort du produit n°2
- Point fort du produit n°3
- Terme de recherche 1
- Terme de recherche 2
- Terme de recherche 3
- Terme de recherche 4
- Image principale du produit *[main\_image\_url]* x
- L'image supplémentaire n°1
- L'image supplémentaire n°2

← Previous step
Next step →

after Attributes and Values mapping you will reach the final step. This page will show you a preview of your import.

MacWay My Orders My Inventory My Messages My Account Information [www.miraki.com](#)


## Product flow mapping

1. Import product file >
2. Categorization >
3. Category mapping >
4. Attribute mapping >
5. Value mapping >
6. Define rules >
7. Summary and validation >

### Summary

1

Products eligible for import




■ Available (1)  
■ Rejected (0)

### Categories

0

Products rejected because of categories




■ Accepted (1)  
■ Rejected (0)

### Attributes

0

Products rejected because of attributes



■ Accepted (1)  
■ Rejected (0)


← Previous step
Import my products in the marketplace

## Product flow mapping

1. Import product file >
2. Categorization >
3. Category mapping >
4. Attribute mapping >
5. Value mapping >
6. Define rules >
7. Summary and validation >

1

Categories to map



■ To be mapped (1)  
■ Mapping OK (1)

My categories Mapping to do

- Root
- Smartphone (Android)

Operator categories

- Root
- Android
- Apple Watch
- Connectique
- Image & Son
- iPad
- iPhone
- iPod
- Mac
- Mémoire
- Objet Connecté
- Périphérique
- Stockage

After launching the import, you can go to Monitor Product imports page to check your import.

## File import

Import a file >

Monitor Offer Imports >

Monitor Product Imports >

**Filter**

Filename

Import date

from

to

Status

Nothing selected

✖ Clear
🔄 Refresh

4 results

Created	Filename	Origin	Status	Errors	Info
12/13/2016 12:42:25 PM	feed-products-2016-12-13_123027.csv	Backoffice	Waiting for conversion		
12/09/2016 06:04:47 PM	feed-products-2016-12-07_164741.csv	Backoffice	Sent for import	❗	📄
12/09/2016 05:59:36 PM	feed-products-2016-12-07_164741.csv	Backoffice	Import complete	❗	📄
12/09/2016 05:56:16 PM	feed-products-2016-12-07_164741.csv	Backoffice	Import complete	❗	📄

4 results

## Order Import Settings

This field deals with guidelines to import orders.

Also in this case, to get the automatic import of the orders, cron must be enabled and cronjob must be set up.

**Import always whole order:** If you select YES, the whole order will be imported only if all the selected items are in stock. If only one item is not available or selected quantities are not available on Macway order, the complete order will be rejected.

If you select NO, only items out of stock will be rejected while the available ones will be added to Magento order. This happens also for the only quantity in stock.

This is the way orders are processed on Macway system.

Let's take for example an order of 2 or more different items, of course an order with one single object doesn't need explanation.

When there are more than one item in a single order, Macway acts on single order line. Therefore, we may have 3 general cases:

All items are in stock, the order is always placed then this set up doesn't have any influence.

One of the item is available in the quantity desired while the other not. If "Import always whole order" is set on NO, in Magento there will be only the available item while the other one will be rejected.

**Payment methods:** is the selected method to create the new order, it must always be selected on "Check/Money order" even if it doesn't correspond to the payment method selected on Macway. If this payment method isn't used on Magento frontend you can hide it through next entry "Hide selected payment method on frontend", otherwise it will normally appear as payment method on website checkout.

**Shipping method:** it is selected to ship the order and it must be a Flat fee (fix rate). Also in this case, if method is not used on the frontend, you can hide it in the next entry that will be YES valorized.

Payment and shipping methods actually are fake and functional only to the order creation on Magento. Obviously, Macway will apply to the orders its payment and shipping methods; this will also happen if it's the merchant to decide the courier to entrust goods shipping.

## Order flow and completion

To give an overview of order flow we will analyze all phases that the order passes through on

Order Import Settings		
Enable Cron	<input type="text" value="No"/>	[GLOBAL]
Import always whole order	<input type="text" value="Yes"/> <small>▲ Will import only whole order (only if all products available to add to cart)</small>	[GLOBAL]
Payment Method	<input type="text" value="Check / Money order"/>	[GLOBAL]
Hide selected payment method on frontend	<input type="text" value="No"/>	[GLOBAL]
Shipping Method	<input type="text" value="[freeshipping] Free"/> <small>▲ Method must be enabled in admin for selected store view</small>	[GLOBAL]
Hide selected shipping method on frontend	<input type="text" value="No"/>	[GLOBAL]
New Order Status	<input type="text" value="-- Please Select --"/>	[GLOBAL]
New Order With Address Status	<input type="text" value="-- Please Select --"/>	[GLOBAL]

Macway platform and its consequent actions on Magento. After completing the payment process, the order is correctly validated and this will appear on Macway backoffice. It will appear as a **WAITING\_ACCEPTANCE** order.

When Magento cronjob downloads this orders it's possible to create or refuse the order itself. Consequently, an order can be accepted, rejected or partially accepted. On Macway the order will get to "Waiting for shipping" status.

**ATTENTION: Macway doesn't provide customers' personal data for orders that are on a WAITING\_ACCEPTANCE status. For this reason on Magento you will see only few default information. When Macway completes the payment all data will be available and will be imported by our module.**

When merchant works on Magento backend orders, so when he creates the shipping, orders also on Macway will be updated. In this case, the order will become a "shipped" status order. If the merchant wants to use our module to forward the shipment information directly to the customer, he will need a further setting.

## Shipment tracking setting

Macway module includes a subfield to create a link to the tracking information; this is important to use Macway API. To set up the tracking go to Selling field → shipping methods and here you will see this new entry

Through Macway tracking setting we can edit a dynamic Url to insert in shipment tracking entry. #TRACKNUM# corresponds to the tracking number we will put when we create the new shipment

(see below picture).

Forfait		[STORE VIEW]
Table Rates		[STORE VIEW]
Spedizione gratuita		[STORE VIEW]
UPS		[STORE VIEW]
USPS		[STORE VIEW]
FedEx		[STORE VIEW]
DHL (Deprecated)		[STORE VIEW]
DHL		[STORE VIEW]
Macway Tracker		[STORE VIEW]
Tracking Enabled	<input type="text" value="SI"/>	[STORE VIEW]
Titolo	<input type="text" value="Marketplace Tracking"/>	[STORE VIEW]
Manual Tracking URL	<input type="text" value="http://www.sda.it/SITO_SDA-WEB/dispatcherHo?e"/> <small>^ Enter Manual Tracking URL. Must include #TRACKNUM# this will be your tracking number. In example for SDA Courier will be http://www.sda.it/SITO_SDA-WEB/dispatcherHo?execute2=ActionTracking.doGetSpedizioneSelfTrack&amp;LEN=ITA&amp;id_cliente=000000000000&amp;id_idv=#TRACKNUM#</small>	[STORE VIEW]

When you set the shipment for Macway imported from, in the menu you will get Macway tracking entry. The title will be automatically set as “Macway tracking” and in the number entry you insert the tracking number given by your courier.

These data will be sent to Macway customer through API and they will be visible from the marketplace control panel in the order details.

## Order completion

After few days or when customer leaves a feedback, on Macway the order will be get to the next status that is “Received” and it will be updated also on Magento. The commercial invoice is released and on Magento the order gets to its final status “Complete”.