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# The Official PrestaShop - eMAG Marketplace Module

USER GUIDE



## 1. GENERAL DESCRIPTION

The eMAG Marketplace module helps you integrate your PrestaShop store with the eMAG Marketplace vendor platform. This will allow you to sell your store to:

- a) Automatically send product documentation (titles, descriptions, images, etc..), product price info and product stock info, to the eMAG Marketplace platform.
- b) Automatically send new products and any updates for previously sent products.
- c) Automatically receive orders from the eMAG Marketplace platform and create them in your PrestaShop store as soon as they are received.
- d) Automatically send order updates to the eMAG Marketplace platform.

## 2. PREREQUISITES

- a) You will have to install a few cron jobs on your server, so you will need to have access to your cPanel (or otherwise manually login to your server by SSH) in order to install the cron jobs.
- b) The cron jobs are using the wget command, so you will need to have it installed and allowed by your hosting company.
- c) Some of these cron jobs (like the one sending the products to eMAG) and some of the configuration steps (like the one downloading the eMAG categories) will sometimes run for a long time (as much as 5 or 10 or even 20 minutes) so your server must be set up to allow long running PHP scripts (we recommend 3600 seconds just in case)

## 3. INSTALLATION

- a) Install the module from the official PrestaShop Addon Marketplace.
- b) If you are not redirected to the module configuration page automatically, use the 'Configure' link to open it. This is the 'welcome' page where you will be directed to the configuration wizard. You can also use the main menu (eMAG Marketplace -> Main Configuration) to get to the first section of the configuration wizard.

## 4. MAIN CONFIGURATION

- a) At the top of the form there is a list of instructions (blue background with an 'info' icon next



**IDENTITY**

Marketplace URL	<input type="text" value="https://marketplace.emag.ro"/> <small>Homepage address of the eMAG Marketplace website</small>
API URL	<input type="text" value="https://marketplace.emag.ro/api-3"/> <small>Main web address of the API</small>
API Protocol	<input type="text" value="HTTPS"/> <small>Protocol used for communicating with the API</small>
API Locale	<input type="text" value="ro_RO"/> <small>Locale to use with the API</small>
API Currency	<input type="text" value="RON"/> <small>Currency to use with the API</small>
API Vendor Code	<input type="text"/> <small>Your API Vendor Code</small>
API Vendor Username	<input type="text"/> <small>Your API Vendor Username</small>
API Password	<input type="text"/> <small>Your API Vendor Password</small>

**Test Connection** **Download Localities** **Save**

to them) that you need to follow to get through the first section of the configuration wizard. The instructions may be initially collapsed to a single message saying 'Click here to see more info' and a click on it would be required to display them all.

- b) Fill in the first form ('Identity') with the correct Marketplace URL and API URL (provided to you by your eMAG Marketplace representative, for your specific country), your API vendor code, username and password (provided to you by your eMAG Marketplace representative) and then test your connection settings.
- c) Save your settings and then download the eMAG Localities (these are needed if you want to use the eMAG AWB system to create AWB's for eMAG Marketplace orders); Please wait until the system alerts you that the localities have been downloaded, as this is a rather long operation (it could take up to 5 or 10 minutes).
- d) Fill in the second form ('Products and Orders') and if you want to use the eMAG AWB system, make sure you select your Sender Locality from the autocomplete dropdown provided by eMAG.
- e) Save your settings and then install the cron jobs listed in the instructions, on your server.



EMAG MARKETPLACE / MAIN CONFIGURATION  
Main Configuration



- 1) Please fill in the Identity form first and use the "Test Connection" button to make sure your settings are correct!
- 2) Save your changes and then download the eMAG localities!
- 3) Fill in the Orders form and then save your changes!
- 4) Install the following Cron job on your server: \*/5 \* \* \* \* wget -O - "http://www.mywebsite.com/module/emagmarketplace/cronjobs?action=check\_cron\_jobs" >> /var/www/modules/emagmarketplace/logs/check\_cron\_jobs.log
- 5) Install the following Cron job on your server: \*/5 \* \* \* \* wget -O - "http://www.mywebsite.com/module/emagmarketplace/cronjobs?action=check\_errors" >> /var/www/modules/emagmarketplace/logs/check\_errors.log
- 6) Install the following Cron job on your server: 0 5 \* \* \* wget -O - "http://www.mywebsite.com/module/emagmarketplace/cronjobs?action=clean\_logs" >> /var/www/modules/emagmarketplace/logs/clean\_logs.log
- 7) Install the following Cron job on your server: \* \* \* \* \* wget -O - "http://www.mywebsite.com/module/emagmarketplace/cronjobs?action=get\_orders" >> /var/www/modules/emagmarketplace/logs/get\_orders.log
- 8) Install the following Cron job on your server: 10 5 \* \* \* wget -O - "http://www.mywebsite.com/module/emagmarketplace/cronjobs?action=refresh\_definitions" >> /var/www/modules/emagmarketplace/logs/refresh\_definitions.log
- 9) Install the following Cron job on your server: \* \* \* \* \* wget -O - "http://www.mywebsite.com/module/emagmarketplace/cronjobs?action=run\_queue" >> /var/www/modules/emagmarketplace/logs/run\_queue.log
- 10) Proceed to the next step!

IDENTITY

Marketplace URL

Homepage address of the eMAG Marketplace website

API URL

Main web address of the API

API Protocol

Protocol used for communicating with the API



Cron Jobs

Cron jobs allow you to automate certain commands or scripts in your cPanel account. You can set a command or script to run at a specific time at a specified interval. For example, you could set up a cron job to delete temporary files weekly to free up disk space.

**WARNING:** You **must** understand Linux commands well before you can use cron jobs effectively. Ask your hosting provider to check your script for problems before you add a cron job.

Cron Email

Send an email each time that a cron job runs. [more >](#)

Add a New Cron Job

Common Settings:

Minute:

Hour:

Day:

Month:

Weekday:

Command:

Current Cron Jobs

MINUTE	HOUR	DAY	MONTH	WEEKDAY	COMMAND	ACTIONS
*/5	*	*	*	*	wget -O - "http://www.mywebsite.com/module/emagmarketplace/cronjobs?action=check_cron_jobs" >> /var/www/modules/emagmarketplace/logs/check_cron_jobs.log	<a href="#">Edit</a> <a href="#">Delete</a>
*/5	*	*	*	*	wget -O - "http://www.mywebsite.com/module/emagmarketplace/cronjobs?action=check_errors" >> /var/www/modules/emagmarketplace/logs/check_errors.log	<a href="#">Edit</a> <a href="#">Delete</a>
0	5	*	*	*	wget -O - "http://www.mywebsite.com/module/emagmarketplace/cronjobs?action=clean_logs" >> /var/www/modules/emagmarketplace/logs/clean_logs.log	<a href="#">Edit</a> <a href="#">Delete</a>
*	*	*	*	*	wget -O - "http://www.mywebsite.com/module/emagmarketplace/cronjobs?action=get_orders" >> /var/www/modules/emagmarketplace/logs/get_orders.log	<a href="#">Edit</a> <a href="#">Delete</a>
10	5	*	*	1	wget -O - "http://www.mywebsite.com/module/emagmarketplace/cronjobs?action=refresh_definitions" >> /var/www/modules/emagmarketplace/logs/refresh_definitions.log	<a href="#">Edit</a> <a href="#">Delete</a>
*	*	*	*	*	wget -O - "http://www.mywebsite.com/module/emagmarketplace/cronjobs?action=run_queue" >> /var/www/modules/emagmarketplace/logs/run_queue.log	<a href="#">Edit</a> <a href="#">Delete</a>

\* Do not copy the commands from these screenshot, they are just an example. You will find the ones that will work for you in the admin interface of your module.



f) Proceed to the next step of the wizard.

**PRODUCTS AND ORDERS**

Product Queue Limit	20	<i>How many product updates to send per minute</i>
Product Description Method	Long Description	<i>Which description to send to eMAG Marketplace</i>
Delivery Option	Marketplace	<i>The default delivery option used to import orders with</i>
Initial Order Status	În aşteptarea plăii prin transfer banc	<i>The default order status used to import orders with</i>
Finalized Order Status	Expediată	<i>The order status that marks the order as finalized</i>
Cancelled Order Status	Anulată	<i>The order status that marks the order as cancelled</i>
Handling Time	1	<i>How many days until delivery of goods to the customer (0 = same day delivery)</i>
Use eMAG AWB	DA	<i>Use the eMAG AWB system to generate dispatch documents and mark the orders as finalized</i>
AWB Sender Name	<input type="text"/>	
	<i>Sender name to use with the eMAG Marketplace AWB</i>	
AWB Sender Contact	<input type="text"/>	
	<i>Sender contact name to use with the eMAG Marketplace AWB</i>	
AWB Sender Phone	<input type="text"/>	
	<i>Sender phone number to use with the eMAG Marketplace AWB</i>	
AWB Sender Locality	<input type="text"/>	
	<i>Sender locality to use with the eMAG Marketplace AWB</i>	
AWB Sender Street	<input type="text"/>	
	<i>Sender street address to use with the eMAG Marketplace AWB</i>	

**Next Step** **Save**

## 5. CATEGORY MAPPING

a) If this is the first time you are installing the module on the current store, download the eMAG categories using the appropriate button in the toolbar (top right).



b) For each category in your store, that you want to list on the eMAG Marketplace, search for the eMAG equivalent and select it from the autocomplete dropdown and then click the 'Update' button next to it.

CATEGORY MAPPING <span style="border: 1px solid #ccc; border-radius: 50%; padding: 2px;">12</span>					
ID	Name	eMAG Category	eMAG Family Type	Commission	Sync
2	Produse	<input type="text"/> Update	<input type="text"/> Update	<input type="text"/> Update	<span style="color: red;">X</span>
3	Femei	<input type="text"/> Update	<input type="text"/> Update	<input type="text"/> Update	<span style="color: red;">X</span>
4	Topuri	<input type="text"/> Update	<input type="text"/> Update	<input type="text"/> Update	<span style="color: red;">X</span>
5	Tricouri	<input type="text"/> Update	<input type="text"/> Update	<input type="text"/> Update	<span style="color: red;">X</span>
6	Topuri	<input type="text"/> Update	<input type="text"/> Update	<input type="text"/> Update	<span style="color: red;">X</span>
7	Bluze	<input type="text"/> Update	<input type="text"/> Update	<input type="text"/> Update	<span style="color: red;">X</span>
8	Rochii	<input type="text"/> Update	<input type="text"/> Update	<input type="text"/> Update	<span style="color: red;">X</span>
9	Rochii casual	<input type="text"/> Update	<input type="text"/> Update	<input type="text"/> Update	<span style="color: red;">X</span>
10	Rochii de seară	<input type="text"/> Update	<input type="text"/> Update	<input type="text"/> Update	<span style="color: red;">X</span>
11	Rochii de vară	<input type="text"/> Update	<input type="text"/> Update	<input type="text"/> Update	<span style="color: red;">X</span>
12	Ceasuri de dama	<input type="text" value="2709 - Ceasuri dama"/> Update	<input type="text" value="culoare"/> Update	<input type="text" value="16.0000"/> Update	<span style="color: green;">✓</span>
13	Ceasuri barbatesti	<input type="text" value="2742 - Ceasuri barbatesti"/> Update	<input type="text"/> Update	<input type="text" value="16.0000"/> Update	<span style="color: green;">✓</span>

- c) After each category mapping has been saved, the corresponding eMAG Family type will be available for selection, from the dropdown in the second column. Choose a family type and then click the 'Update' button next to it.
- d) Type in a commission (integer between 0 and 100, example: 20 for 20%) in the next column, for each of the categories that you want to list and click the 'Update' button next to it.
- e) Finally, change the Sync setting, in the last column, for each of the mapped categories, to enable or disable the listing for each of the categories.
- f) When Sync is ON for a certain category, all active products from that category (that have this category as default category) will be listed on the eMAG Marketplace, in the eMAG

category that you have previously mapped, and specifying the type of family that you selected.

## 6. CHARACTERISTIC MAPPING

a) This is where you map your product features and attributes to the eMAG characteristics of the categories you have mapped. A list of all the eMAG characteristics is shown, along with the eMAG category that they belong to.

CHARACTERISTIC MAPPING <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">37</span>				
ID	eMAG Category	Name	Feature	Attribute
--	--	--	--	--
				<input type="button" value="Q Caută"/>
40	Ceasuri barbatesti	Carcasa:	<input type="button" value="Carcasa"/> <input type="button" value="Update"/>	<input type="button" value=""/> <input type="button" value="Update"/>
1536	Ceasuri barbatesti	Material carcasa:	<input type="button" value="Material carcasa"/> <input type="button" value="Update"/>	<input type="button" value=""/> <input type="button" value="Update"/>
2515	Ceasuri barbatesti	Afisaj:	<input type="button" value="Afisaj"/> <input type="button" value="Update"/>	<input type="button" value=""/> <input type="button" value="Update"/>
3014	Ceasuri barbatesti	Rezistenta la apa:	<input type="button" value="Rezistenta la apa"/> <input type="button" value="Update"/>	<input type="button" value=""/> <input type="button" value="Update"/>
5653	Ceasuri barbatesti	Functii:	<input type="button" value="Functii"/> <input type="button" value="Update"/>	<input type="button" value=""/> <input type="button" value="Update"/>
6007	Ceasuri barbatesti	Mecanism:	<input type="button" value="Mecanism"/> <input type="button" value="Update"/>	<input type="button" value=""/> <input type="button" value="Update"/>
6140	Ceasuri barbatesti	Stil:	<input type="button" value="Stil"/> <input type="button" value="Update"/>	<input type="button" value=""/> <input type="button" value="Update"/>
6152	Ceasuri barbatesti	Material curea/bratara:	<input type="button" value="Material curea/bratara"/> <input type="button" value="Update"/>	<input type="button" value=""/> <input type="button" value="Update"/>
6153	Ceasuri barbatesti	Culoare curea/bratara:	<input type="button" value="Culoare curea/bratara"/> <input type="button" value="Update"/>	<input type="button" value=""/> <input type="button" value="Update"/>
6758	Ceasuri barbatesti	Diametru carcasa (mm):	<input type="button" value="Diametru carcasa (mm)"/> <input type="button" value="Update"/>	<input type="button" value=""/> <input type="button" value="Update"/>
6759	Ceasuri barbatesti	Culoare carcasa:	<input type="button" value="Culoare carcasa"/> <input type="button" value="Update"/>	<input type="button" value=""/> <input type="button" value="Update"/>

- b) For each of the eMAG characteristics, select the appropriate feature and attribute from your store and click the 'Update' button next to each other.
- c) The characteristics you have mapped will only be sent to eMAG if either the feature or attribute that you have assigned to them is non-empty. If both the feature and the attribute have a non-empty value, only the attribute value will be sent as the corresponding characteristic value.



d) When you are finished with mapping all the characteristics needed, click on the 'Upload products' button to start sending your existing products to the eMAG Marketplace. Only active products whose default categories you have mapped (and enabled for sync) will be sent to the eMAG Marketplace.

## 7. API CALL LOGS

- a) All communication with the eMAG Marketplace (each API call) will be stored in the database and will be available for reviewing or debugging, by the vendor. API calls older than 30 days will be deleted, to save space.
- b) This section will allow the vendor to easily check the progress of the product upload queue, find API call errors and re-upload all products to the eMAG Marketplace, if necessary.
- c) One of the cron jobs that you have installed in the initial setup process, checks for API call errors every 5 minutes, and sends a notification by email, if errors are found. The email address the notification is sent to, is the main shop email address (Preferences/Store contacts/Contact details/Shop email).

API CALL LOGS <span style="border: 1px solid #ccc; padding: 2px;">3025</span>						
ID	Date Created	Resource	Action	Status	Message	Date Sent
3025	2015-07-22 17:59:01	order	read	success		2015-07-22 17:59:02
3024	2015-07-22 17:58:02	order	read	success		2015-07-22 17:58:03
3023	2015-07-22 17:57:01	order	read	success		2015-07-22 17:57:02
3022	2015-07-22 17:56:01	order	read	success		2015-07-22 17:56:02
3021	2015-07-22 17:55:02	order	read	success		2015-07-22 17:55:02
3020	2015-07-22 17:54:01	order	read	success		2015-07-22 17:54:02
3019	2015-07-22 17:53:01	order	read	success		2015-07-22 17:53:02
3018	2015-07-22 17:52:01	order	read	success		2015-07-22 17:52:02
3017	2015-07-22 17:51:01	order	read	success		2015-07-22 17:51:02
3016	2015-07-22 17:50:01	order	read	success		2015-07-22 17:50:02
3015	2015-07-22 17:49:01	order	read	success		2015-07-22 17:49:02
3014	2015-07-22 17:48:01	order	read	success		2015-07-22 17:48:03
3013	2015-07-22 17:47:01	order	read	success		2015-07-22 17:47:02
3012	2015-07-22 17:46:01	order	read	success		2015-07-22 17:46:03
3011	2015-07-22 17:45:01	order	read	success		2015-07-22 17:45:02
3010	2015-07-22 17:44:01	order	read	success		2015-07-22 17:44:02
3009	2015-07-22 17:43:01	order	read	success		2015-07-22 17:43:02
3008	2015-07-22 17:42:01	order	read	success		2015-07-22 17:42:03
3007	2015-07-22 17:41:01	order	read	success		2015-07-22 17:41:02
3006	2015-07-22 17:40:02	order	read	success		2015-07-22 17:40:03



## 8. HOW PRODUCTS ARE PROCESSED AND SENT TO THE EMAG MARKETPLACE

- a) The initial product upload and all subsequent updates are added to an upload queue and the queue is processed in the background by one of the cron jobs that you have installed in the initial setup process.
- b) New products that you create in the back office, will be added to the upload queue, if their default categories have been mapped and enabled for sync, and if you create them with an active initial status, or if you activate them later on. If you create a new product with its initial status = inactive, it will not be added to the upload queue.
- c) Existing product updates are added to the upload queue if their default categories have been mapped and enabled for sync, and if one of the 2 rules below apply:
  - they have already been uploaded to the eMAG Marketplace;
  - they haven't been uploaded to the eMAG Marketplace yet, and you are now activating them for the first time;
- d) Product updates are added to the upload queue in the following cases (but only if the rules above apply):
  - after editing and saving them in the back office;
  - after activating or deactivating them from the back office;
  - after their stock has changed due to an order being raised on them;
  - after they are deleted from the back office;

## 9. HOW ORDERS ARE PROCESSED AND UPDATED ON THE EMAG MARKETPLACE

- a) One of the cron jobs that you have installed in the initial setup process, runs every minute in the background and checks for new orders. If new orders are found they are automatically created in your back office. If any errors are found and the orders cannot be processed, email notifications will be sent to the main shop email address.
- b) Customers for each eMAG Marketplace order, are created as guests, so it is mandatory that the Guest Checkout option is enabled in your back office. Also, their email address is not provided by the eMAG Marketplace, along with the rest of the customer info, so they are all created with your main shop email address.



c) Order updates are sent to the eMAG Marketplace in the following cases:

- after modifying their status from the back office;
- after adding a new product to them from the back office;
- after modifying the price or the quantity for one of their products from the back office;
- after deleting one of their products from the back office;
- after generating their eMAG Marketplace AWB from the back office;

## 10. TROUBLESHOOTING

- a) Each of the cron jobs will keep a log file where errors will be saved when something doesn't work properly.
- b) The log files are located in your module's 'logs' directory (modules/emagmarketplace/logs). You will easily recognize them by their extension ('.log').