



Installation guide

Stock & prices massive updater

# “Stock & prices massive updater”

Prestashop module developed by OBSolutions

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Module compatible with PrestaShop v1.5 or better

This module lets you update stocks and prices of products and combinations massively with a file, URL, files from a remote FTP or a file at server. It will let you enable automatic alerts or warnings when stocks lower from a minimum by reference.

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## 0. Preliminary considerations

### 0.1. Current database backup

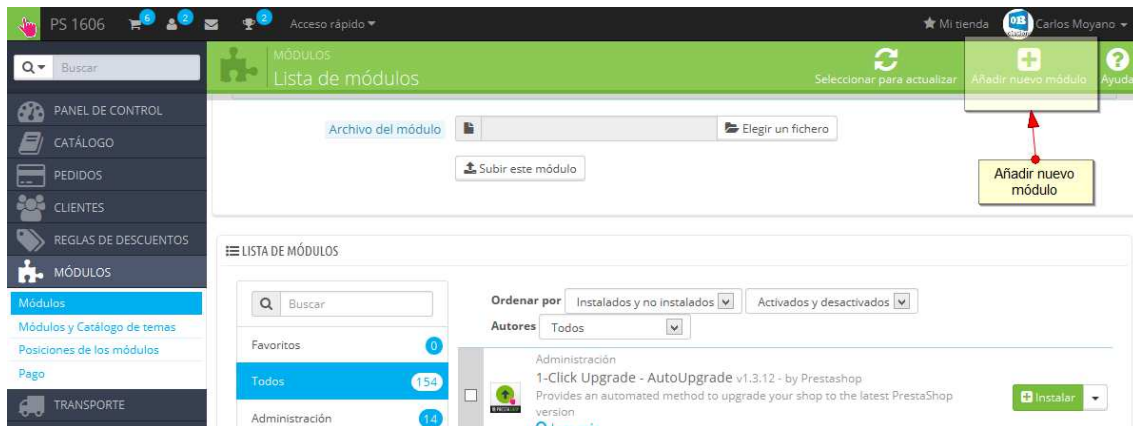
Before doing anything with the module we recommend making a backup of the database, it may address to the 'Advanced Parameters' tab - 'DB Backup' and create a new backup.

### 0.2. Products with combinations

For a successful synchronization of prices in those catalogs that include products with combinations is necessary that those products have the final Price value in combination and a price of 0.00 in the parent product, it is necessary because the module can not distinguish which part of the price belongs to the father and that part belongs to the combination.

## 1. Module installation

### Step 1. ZIP file selection



To install the module, you must go to **'Modules'** tab of your Prestashop's Back-Office and select **'Add a new module'**. It opens a window where you select the ZIP file you downloaded after buying this product and once selected, click on the button **'Upload this module'**.

## Step 2. Installation

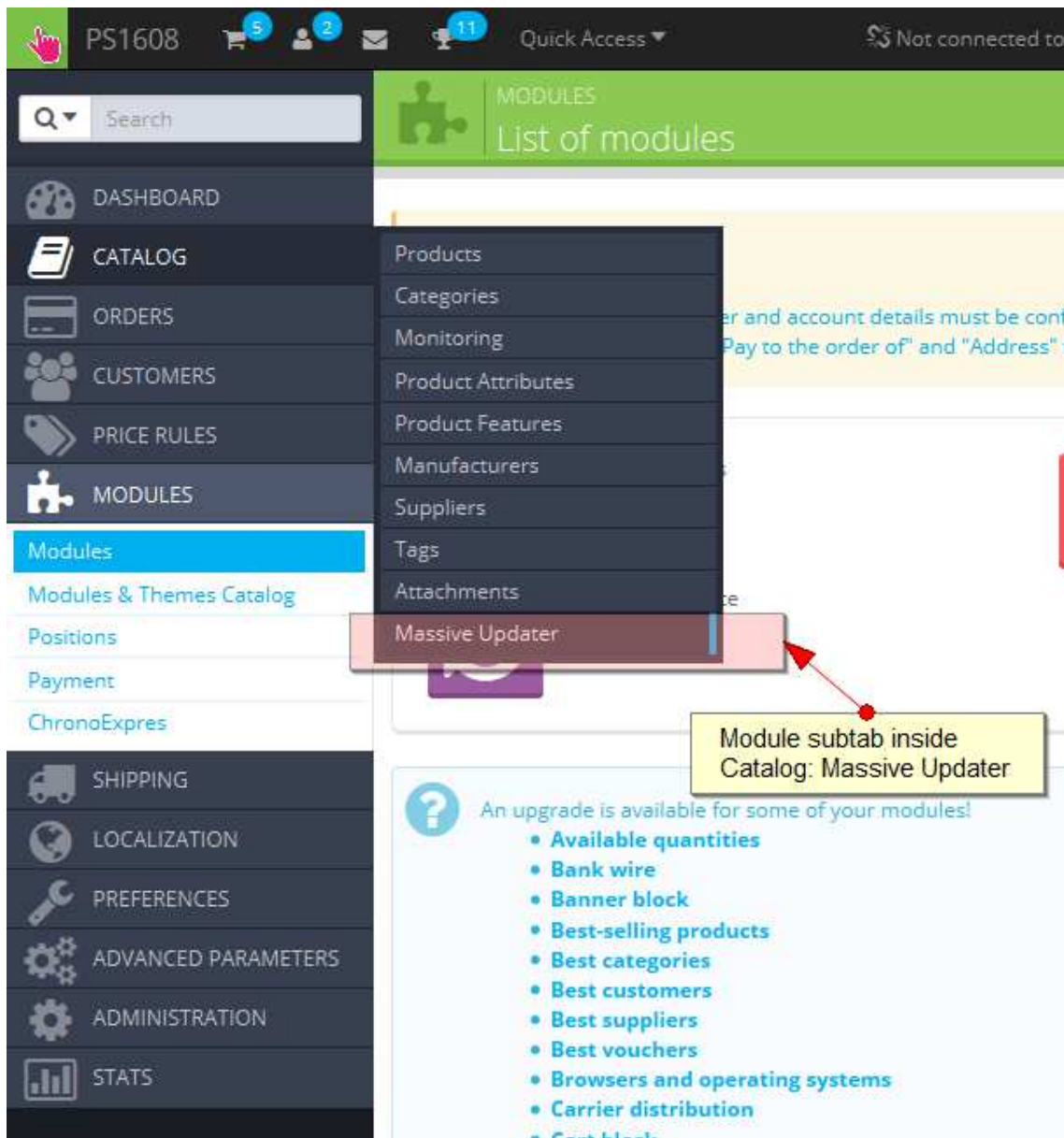
To install the module you must go to the **'Modules'** tab, search the module at the **'Migration Tools'** category and click the button **'Install'** that accompanies the module:

The screenshot displays the 'MODULES LIST' interface in PrestaShop. On the left, a sidebar lists various categories with their respective counts. The 'Migration Tools' category is highlighted in blue and has a count of 3. The main content area shows a list of modules under the 'Migration Tools' category. The first two modules are 'Alereti ChronoExpres Export v1.5' and 'FactuSQL Pro Connector v1.2', both by OBSolutions.es, with 'Disable' buttons. The third module, 'Massive stocks and prices updater via CSV and custom stock alerts v1.2', is highlighted in pink and has an 'Install' button. A red arrow points from a yellow 'Install' label to this button. The interface includes a search bar, filter options for 'Filter by' (Installed & Not Installed, Enabled & Disabled) and 'Authors' (All), and a 'bulk actions' dropdown.

Category	Count
Favorites	0
All	160
Administration	15
Advertising and Ma...	11
Analytics and Stats	28
Checkout	1
Comparison site & ...	3
Dashboard	4
Emailing & SMS	1
Front Office Features	51
Internationalizatio...	1
Marketplace	4
Merchandising	1
<b>Migration Tools</b>	<b>3</b>
Mobile	1
Payments and Gat...	15

Module Name	Author	Action
Alereti ChronoExpres Export v1.5	OBSolutions.es	Disable
FactuSQL Pro Connector v1.2	OBSolutions.es	Disable
Massive stocks and prices updater via CSV and custom stock alerts v1.2	OBSolutions.es	Install

After installing the module a new option menu will appear into the 'Catalog' tab called 'Massive Updater' that will let you access to the configuration and use of the module:



## 2. Preview validations

Once inside the module configuration you'll see different sections. First one corresponds to the write permissions of the needed folders.

### Folder access permissions

FOLDERS ACCESS PERMISSIONS

Check write permissions for folder of extracted files.

**Import folder path:** *D:\workspace\PRESTASHOP1614\modules\obsstocks/import/*

**Import folder write permissions:** *writable*

**Extract folder path:** *D:\workspace\PRESTASHOP1614\modules\obsstocks/export/*

**Extract folder write permissions:** *writable*

The module will alert us in this section if the extraction folder to generate files is writable, if not it would be necessary to access the file system of your server to grant access to the specified folder.

### 3. Entry data configuration

This section will let you setup how the entry data is organized, which character is used as a field separator and which column belongs to each field.

✎ CONFIGURATION FOR FEED/FILE DATA IMPORT:

\* Fields / columns separator:

Skip lines:

ID column is:  (ID only supported by PRODUCTS. For COMBINATIONS, please, choose REFERENCE or EAN)

\* "ID" column number:  (Required)

"New stock" column number:  (Enter 0 to disable this column)


Stock behaviour:

"Stock alert" column number:  (Enter 0 to disable this column)

"Pre-tax WHOLESale prices" column number:  (Enter 0 to disable this column)

Retail price options:  (Calculated with margin: Product retail prices are calculated with WHOLESale PRICE \* MARGIN / In a column: Retail prices are informed in a column)

"Pre-tax RETAIL prices" margin:  (For example: 1.20 = 120%)

 Save

#### Field description

1. **Field / column separator:** Character used to separate field. *Typically used a 'semicolon' (;).*
2. **Skip lines:** It lets specify the number of lines to skip. *Typically used to skip the first line which has the column name.*
3. **'ID' column is:** This value lets you indicate which fields are used as a reference to link the product with the information. So you'll be able to select between 3 possible options:
  - a. **ID:** When the product identifier is the product ID of your shop (**ONLY AVAILABLE ON PRODUCTS / NOT COMBINATIONS**)
  - b. **REFERENCE:** When the product or combination identifier is the 'reference' field of your shop
  - c. **EAN13:** When the product or combination identifier is the 'ean13' field of your shop



4. **'ID' column number:** Value that indicates the position of the corresponding 'ID' field data inside a single data line. *(As we've previously seen it can be an ID / Reference / Ean13).*
5. **'New stock' column number:** Value that indicates the position of the corresponding 'stock' field data inside a single data line *(insert 0 to disable this functionality and it will not update the shop stock)*
6. **Stock behaviour:** you can select the behaviour that you want for the new imported stock between 2 possible values:
  - a. **Replace product stock value:** If you select this option, product stock will be replaced with the new value imported
  - b. **Increment the stock value:** If you select this option, product stock will be added or subtracted of the current stock value of your shop.
7. **'Stock alert' column number:** Value that indicates the position of the corresponding 'Stock alert'. Stock alert means the minimum value that can reach a product before sending a notice. *(insert 0 to disable this functionality)*
8. **'Pre-tax WHOLESale prices' column number:** Value that indicates the position of the corresponding 'Pre-tax WHOLESale price'. *(insert 0 to disable this functionality and wholesale price will not be updated)*
9. **Retail price options:** you can select how it will get the selling price without taxes between 2 options:
  - a. **In a column:** Choosing this option the final price will be gotten from a column of the data entry (same as wholesale price). *(Insert 0 to disable this functionality and final Price will not be updated)*
  - b. **Calculated with margin:** Choosing this option, the final Price will be calculated from the wholesale price plus a margin that will be introduced in a new field that will appear after choosing this option.
10. **'Pre-tax RETAIL prices' margin:** It only appears with the option 8.a) selected to insert the field position on the entry data.
11. **Margin:** It only appears with the option 8.b) selected to insert a commission to apply to the wholesale price *(1.20 = a 20% margin).*
12. **Save button:** It lets you save your configuration.

## 4. Data import

### 4.1. Manual import

You can make a manual data import whenever you want through the 'Manual import' section that lets you select a file from your PC.

MANUAL CSV FILE IMPORT:

Example file [Download](#)

Test mode:  YES  NO

Select import file

#### Field description

1. **Example file:** It lets you download an example file in CSV Excel format to use as a template. This file has the following configuration:
  - a. **Separator:** Semicolon (;)
  - b. **Rows to skip:** 1
  - c. **'ID' field refers to:** Reference
  - d. **'ID' column:** 1
  - e. **'New stock' column:** 3
  - f. **Stock behavior:** it's up to you
  - g. **'Stock alert' column:** 4
  - h. **'Wholesale price' column:** 6
  - i. **Pre-tax RETAIL prices options:** In a column
  - j. **'Pre-tax Retail price' column:** 5

	A	B	C	D	E	F	G
1	REFERENCE	DESCRIPTION	REAL STOCK	ALERT STOCK	PRE-TAX RET	WHOLESALE_PRICE	
2	demo_7	Earphones for iPod	4	5	12,99	9,99	
3	combi_1	IPOD NANO GREEN	3	5	129,99	109,99	
4	combi_2	IPOD NANO YELLOW	2	5	139,99	119,99	
5	combi_3	IPOD NANO PINK	1	5	149,99	100,99	
6							
7	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	
8							
9							
10							
11							
12							
13							

2. **Test mode:** Choosing this option, data will not be imported, but it will test the file with the selected configuration and will show a result report. (*See section 4.1.1*)
3. **Select import file:** It lets you select the file that we desire to import.
4. **Import button:** It lets you execute the real import or the test one.

#### 4.1.1. Validation test

When TEST MODE is enabled, the manual import will launch a whole validation of the configured data to ensure that matches the file that we want to import.

This test will analyse the first 5 lines of our file and will show to the user the corresponding data found, the user will see if the module is getting the correct data or he needs to change the configuration.

You can see an example of a successfully completed test:

## IMPORT DATA TEST

Testing the first 5 lines...

LINE #2		
FIELD	VALUE	TEST RESULT
UID (reference)	demo_7	OK
Stock	4	OK
Minimum stock alert	5	OK
Wholesale price	9.99	OK
Pre-tax retail price	12.99	OK

LINE #3		
FIELD	VALUE	TEST RESULT
UID (reference)	combi_1	OK
Stock	3	OK
Minimum stock alert	5	OK
Wholesale price	109.99	OK
Pre-tax retail price	129.99	OK

LINE #4		
FIELD	VALUE	TEST RESULT
UID (reference)	combi_2	OK
Stock	2	OK
Minimum stock alert	5	OK
Wholesale price	119.99	OK
Pre-tax retail price	139.99	OK

LINE #5		
FIELD	VALUE	TEST RESULT
UID (reference)	combi_3	OK
Stock	1	OK
Minimum stock alert	5	OK
Wholesale price	100.99	OK
Pre-tax retail price	149.99	OK

Test finished OK

You can see an example of a failed test:

## IMPORT DATA TEST

Testing the first 5 lines...

LINE #2		
FIELD	VALUE	TEST RESULT
UID (reference)	demo_7	OK
Stock	4	OK
Minimum stock alert	Earphones for iPod	FAILED
Wholesale price	9.99	OK
Pre-tax retail price	Earphones for iPod	FAILED

LINE #3		
FIELD	VALUE	TEST RESULT
UID (reference)	combi_1	OK
Stock	3	OK
Minimum stock alert	IPOD NANO GREEN	FAILED
Wholesale price	109.99	OK
Pre-tax retail price	IPOD NANO GREEN	FAILED

LINE #4		
FIELD	VALUE	TEST RESULT
UID (reference)	combi_2	OK
Stock	2	OK
Minimum stock alert	IPOD NANO YELLOW	FAILED
Wholesale price	119.99	OK
Pre-tax retail price	IPOD NANO YELLOW	FAILED

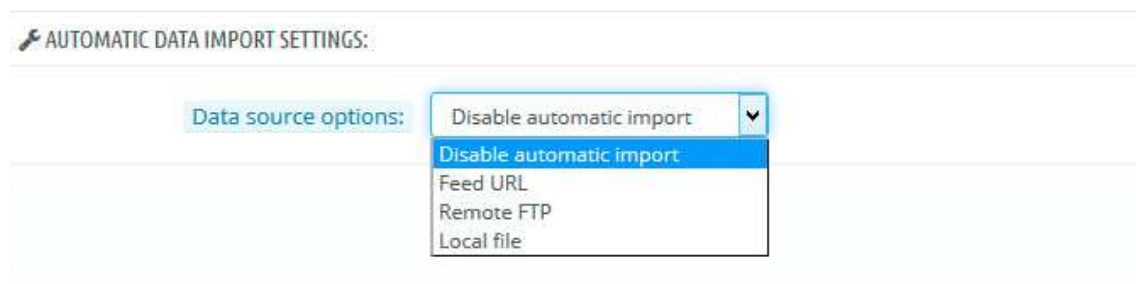
LINE #5		
FIELD	VALUE	TEST RESULT
UID (reference)	combi_3	OK
Stock	1	OK
Minimum stock alert	IPOD NANO PINK	FAILED
Wholesale price	100.99	OK
Pre-tax retail price	IPOD NANO PINK	FAILED

**Test process FAILED**

Please check the configuration parameters and launch test again.

## 4.2. Automatic import

This module includes an URL to be use in a cronjob (scheduled task) so price and stock updates can automatically be done, getting the import data from an URL, remote FTP or a file from the shop server (local).

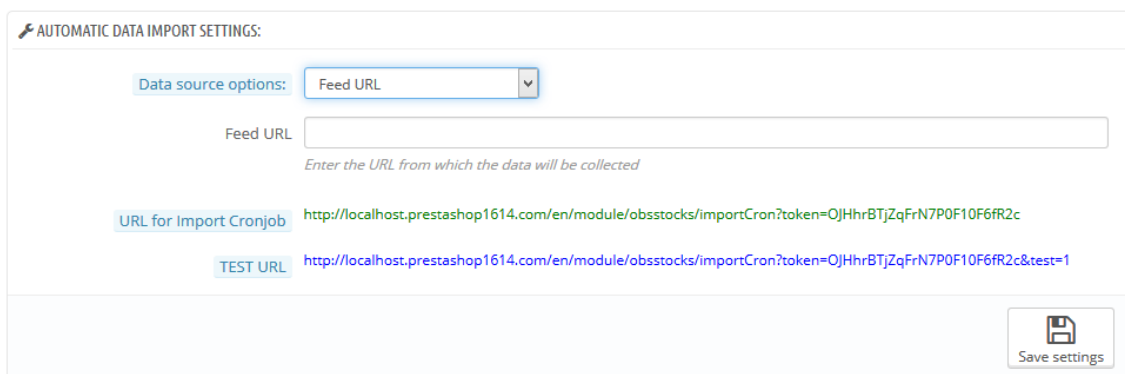


The screenshot shows the 'AUTOMATIC DATA IMPORT SETTINGS' form. The 'Data source options' dropdown menu is open, displaying four options: 'Disable automatic import' (selected), 'Feed URL', 'Remote FTP', and 'Local file'.

This option is disabled by default.

### 4.2.1. Feed URL

This option lets update the prices and stocks of our products, getting the data from a remote URL.




The screenshot shows the 'AUTOMATIC DATA IMPORT SETTINGS' form with 'Feed URL' selected in the 'Data source options' dropdown. The 'Feed URL' field is empty, with a placeholder text 'Enter the URL from which the data will be collected'. Below it, the 'URL for Import Cronjob' is set to <http://localhost.prestashop1614.com/en/module/obsstocks/importCron?token=OJHhrBTjZqFrN7P0F10F6fR2c> and the 'TEST URL' is <http://localhost.prestashop1614.com/en/module/obsstocks/importCron?token=OJHhrBTjZqFrN7P0F10F6fR2c&test=1>. A 'Save settings' button is visible at the bottom right.

Field description:

1. **Feed URL:** Field where you need to insert the URL that contains the data entry.
2. **URL for import cronjob:** URL that will be used to setup the cronjob.
3. **TEST URL:** URL that will let you launch a test process to validate that all configured data matched the entry data (*see section 3. Entry data configuration*. This test will be the same that you've seen in section **4.1.1. Validation test**.)

## 4.2.2. Remote FTP

This option will update the prices and stocks of our products getting the data from a file stored in a remote FTP.

 AUTOMATIC DATA IMPORT SETTINGS:

Data source options:

FTP Host:   
Example: ftp.domain.com

FTP Port:   
Default: 21


FTP User:

FTP Password:

FTP file path:   
Example: /httpdocs/files/myfeed.txt

URL for Import Cronjob: <http://localhost.prestashop1614.com/en/module/obsstocks/importCron?token=OJHhrBTjZqFrN7P0F10F6fR2c>

TEST URL: <http://localhost.prestashop1614.com/en/module/obsstocks/importCron?token=OJHhrBTjZqFrN7P0F10F6fR2c&test=1>


 Save settings

Field description:

1. **FTP Host:** FTP server domain or IP address
2. **FTP Port:** Port of the FTP server (usually 21).
3. **FTP user:** Username of the FTP account
4. **FTP Password:** Password of the FTP account
5. **FTP file path:** Path of the FTP server where the import file can be found.
6. **URL for import cronjob:** URL that will be used to setup the cronjob.
7. **TEST URL:** URL that will let you launch a test process to validate that all configured data matched the entry data (*see section 3. Entry data configuration.* This test will be the same that you've seen in section **4.1.1. Validation test.**)

### 4.2.3. Local file import

This option will update the prices and stocks of our products getting the data from a file stored in our local server.


 AUTOMATIC DATA IMPORT SETTINGS:

Data source options:

Local file:   
Example: /httpdocs/files/myfeed.txt

URL for Import Cronjob:

TEST URL:

 Save settings

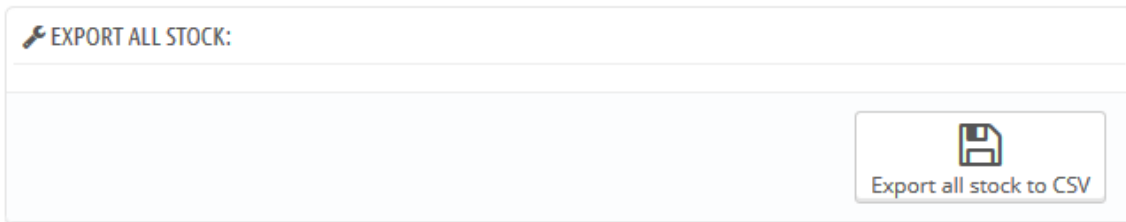
Field description:

1. **Local file:** Field where you must insert the whole path where the file can be found on your local system.
2. **URL for import cronjob:** URL that will be used to setup the cronjob.
3. **TEST URL:** URL that will let you launch a test process to validate that all configured data matched the entry data (*see section 3. Entry data configuration*. This test will be the same that you've seen in section **4.1.1. Validation test**.)



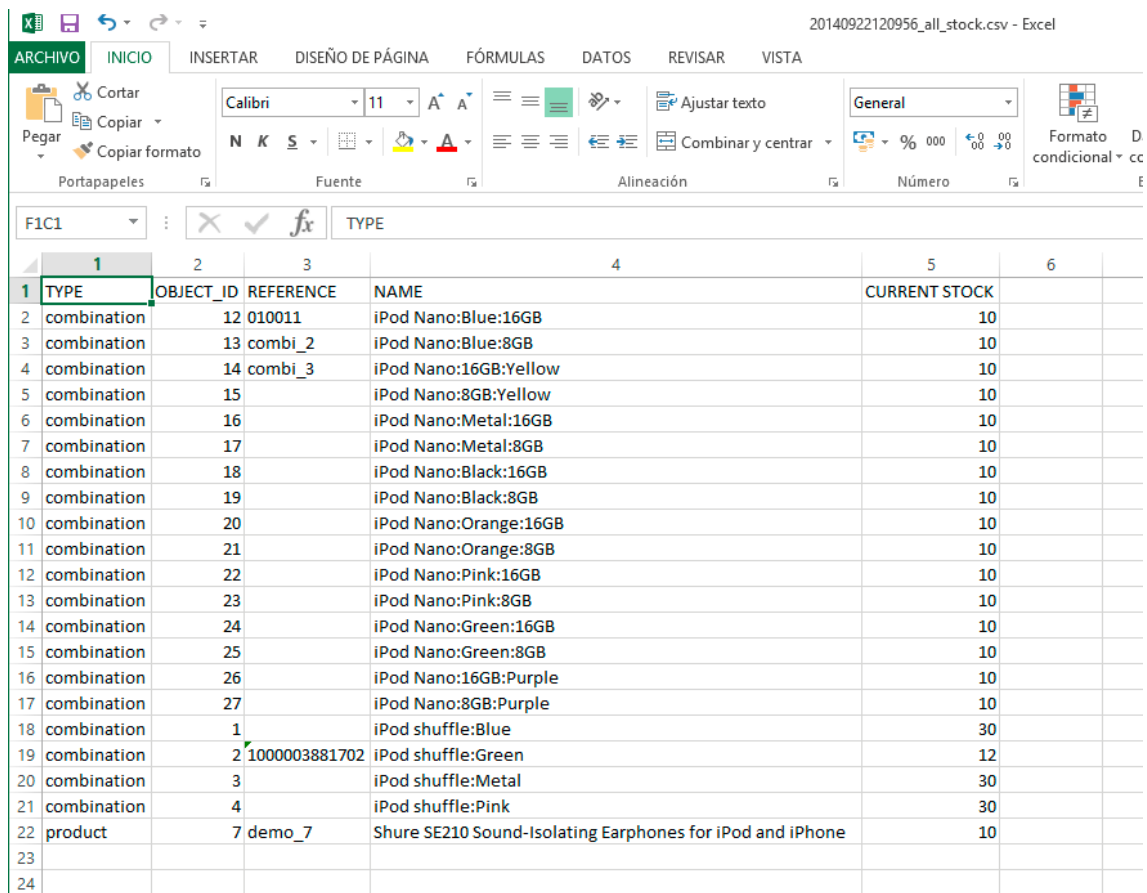
## 5. Data export

### 5.1. Manual export of the current stock



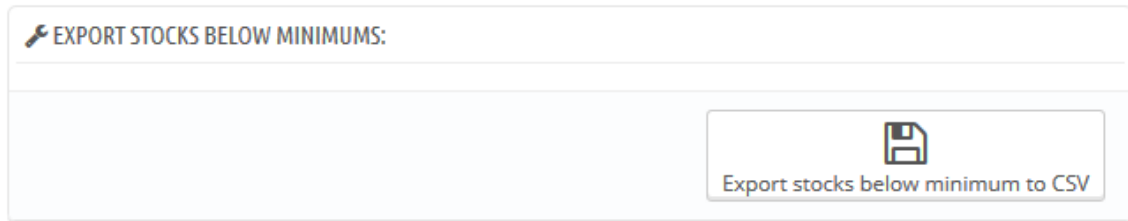
It lets you generate a CSV file with all your real stock of all your products and combinations of your shop.

Example of an exported file:

A screenshot of an Excel spreadsheet titled '20140922120956\_all\_stock.csv - Excel'. The spreadsheet has a standard Excel ribbon with tabs for ARCHIVO, INICIO, INSERTAR, DISEÑO DE PÁGINA, FÓRMULAS, DATOS, REVISAR, and VISTA. The active sheet shows a table with 6 columns: TYPE, OBJECT\_ID, REFERENCE, NAME, and CURRENT STOCK. The data includes various iPod Nano and iPod shuffle models with their respective stock quantities.

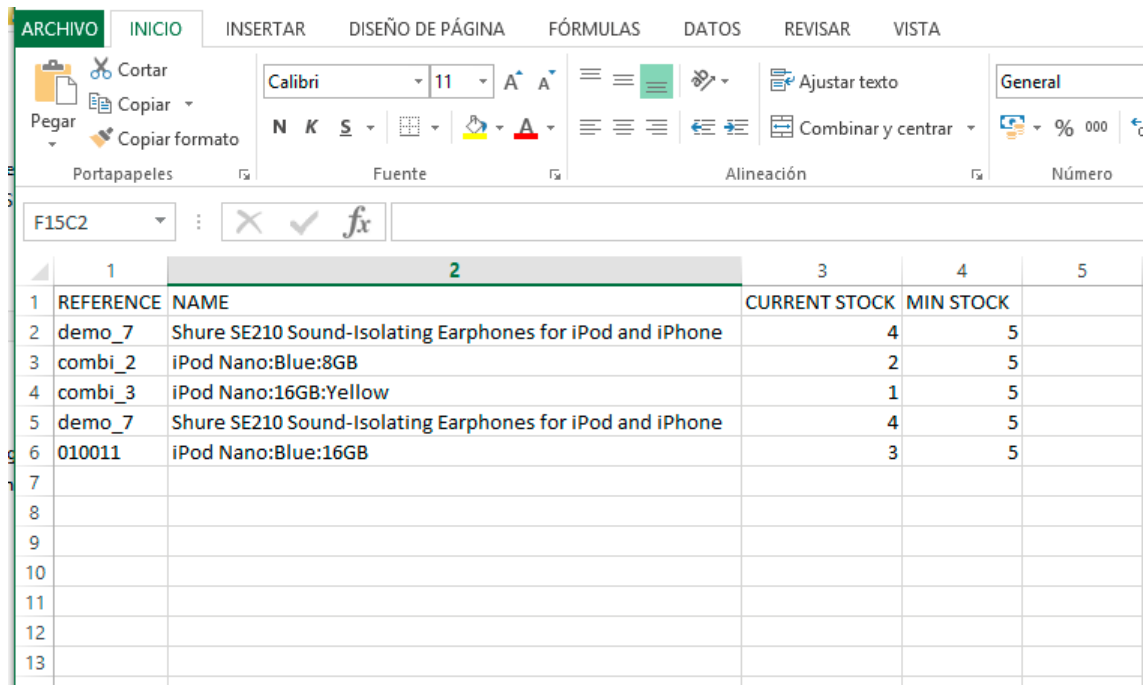
1	2	3	4	5	6
1	TYPE	OBJECT_ID	REFERENCE	NAME	CURRENT STOCK
2	combination	12	010011	iPod Nano:Blue:16GB	10
3	combination	13	combi_2	iPod Nano:Blue:8GB	10
4	combination	14	combi_3	iPod Nano:16GB:Yellow	10
5	combination	15		iPod Nano:8GB:Yellow	10
6	combination	16		iPod Nano:Metal:16GB	10
7	combination	17		iPod Nano:Metal:8GB	10
8	combination	18		iPod Nano:Black:16GB	10
9	combination	19		iPod Nano:Black:8GB	10
10	combination	20		iPod Nano:Orange:16GB	10
11	combination	21		iPod Nano:Orange:8GB	10
12	combination	22		iPod Nano:Pink:16GB	10
13	combination	23		iPod Nano:Pink:8GB	10
14	combination	24		iPod Nano:Green:16GB	10
15	combination	25		iPod Nano:Green:8GB	10
16	combination	26		iPod Nano:16GB:Purple	10
17	combination	27		iPod Nano:8GB:Purple	10
18	combination	1		iPod shuffle:Blue	30
19	combination	2	1000003881702	iPod shuffle:Green	12
20	combination	3		iPod shuffle:Metal	30
21	combination	4		iPod shuffle:Pink	30
22	product	7	demo_7	Shure SE210 Sound-Isolating Earphones for iPod and iPhone	10
23					
24					

## 5.2. Manual export of the stock below minimum



It lets you generate a CSV file that includes all the information of those products and combinations that their stock are below the minimum configured stock (*configured through the data import*).


Example of a generated file:



1	2	3	4	5
1	REFERENCE	NAME	CURRENT STOCK	MIN STOCK
2	demo_7	Shure SE210 Sound-Isolating Earphones for iPod and iPhone	4	5
3	combi_2	iPod Nano:Blue:8GB	2	5
4	combi_3	iPod Nano:16GB:Yellow	1	5
5	demo_7	Shure SE210 Sound-Isolating Earphones for iPod and iPhone	4	5
6	010011	iPod Nano:Blue:16GB	3	5
7				
8				
9				
10				
11				
12				
13				



## 5.4. Automatic export (cronjobs)

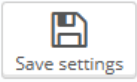
 SETTING FOR CRONJOBS:

---

Alert email

**URL for Cronjob**  
<http://localhost.prestashop1608.com/en/module/obsstocks/cron>

**URL for all stock Cronjob**  
<http://localhost.prestashop1608.com/en/module/obsstocks/cronAll>



This section will let you setup an **Email** where CSV files will be sent if you want a cronjob to automatically export the data.

This module has 2 URLs so you can setup 2 cronjobs on your server, these URLs have the following functionality:

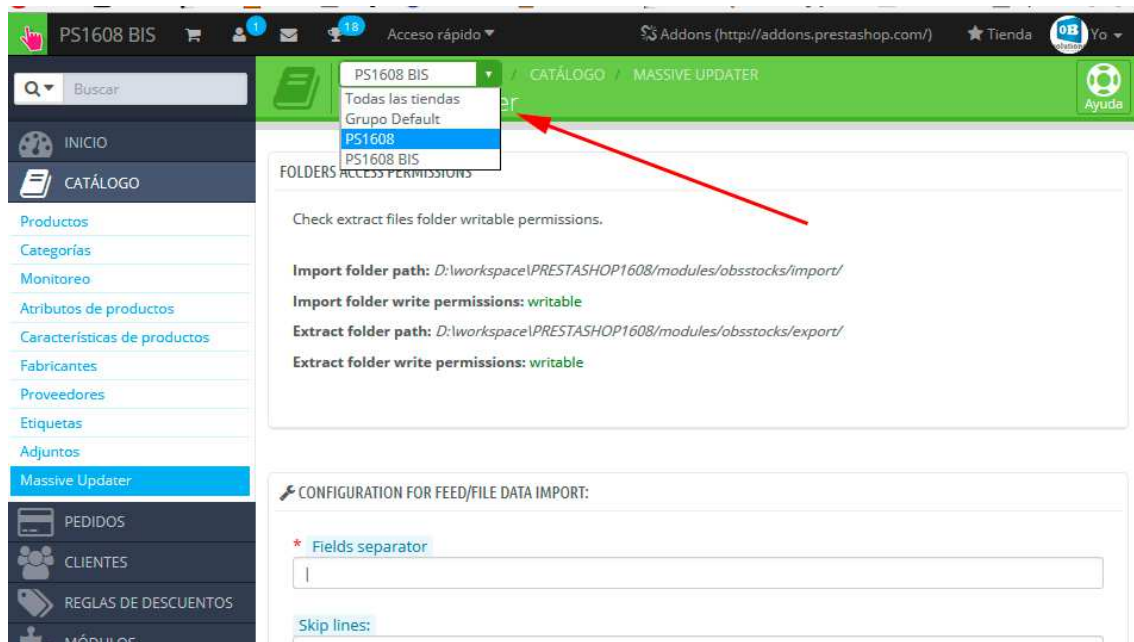
**URL for import CRONJOB (stock below minimum):** Every time that this URL is executed the module will send an email (at the previously configured address) with an attached CSV file that will include all the products and combinations that have the stock below their minimum configured. If the module detects that there are no products below its minimum, it will not send any email.

**URL for all stock CRONJOB:** Every time that this URL is executed the module will send an email (at the previously configured address) with an attached CSV file that will include all the information of the current stock of all products and combination, it doesn't matter if the stock is below minimum or not..

## 6. Multistore configuration

This module is Prestashop's multistore compatible. You can have a different configuration for every shop and you can setup different cronjobs for every single shop getting the entry data from different sources.

Easy to setup, you need to select the shop you want to setup on the dropdown selector at the top of your Prestashop's back-office:



You will see that you can configure different values for every shop and the URLs for your cronjobs will change depending on the shop you are at, so you can note all of them and setup them on your scheduled tasks of your server:

### SHOP 1 example (prestashop1608.com):

#### URL for Import Cronjob

<http://localhost.prestashop1608.com/es/module/obsstocks/importCron?token=MolDsdHBXg0NZquS07AVNifvR>

#### URL for TEST

<http://localhost.prestashop1608.com/es/module/obsstocks/importCron?token=MolDsdHBXg0NZquS07AVNifvR&test>

### SHOP 2 example (prestashop1608bis.com):

#### URL for Import Cronjob

<http://localhost.prestashop1608bis.com/es/module/obsstocks/importCron?token=MolDsdHBXg0NZquS07AVNifvR>

#### URL for TEST

<http://localhost.prestashop1608bis.com/es/module/obsstocks/importCron?token=MolDsdHBXg0NZquS07AVNifvR&test>

## **ANNEX I – Option to setup CronJobs**

If you cannot create cronjobs (scheduled tasks) on your server, there are various web solutions to setup them that will execute an URL as often as you desire through an easy configuration. Most of these solutions has a free and a paid plan that will suit to the needs of each client.

Here we have 2 examples that can help you to setup your cronjobs if you do not have access to the administration of your server:

<https://www.setcronjob.com/>

<https://www.easycron.com/>

**Module developed by OBSolutions**



Web: [http://addons.prestashop.com/en/65\\_obs-solutions](http://addons.prestashop.com/en/65_obs-solutions)