InPost Integration

Magento installation guide

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1. Contents

1.	Cor	ntents	2	
2.	Ove	erview	3	
3.	Inst	tallation and configuration	3	
3	3.1.	Download module	. 3	
3	3.2.	Module installation	. 3	
3	3.3.	Default country	. 4	
3	3.4.	New order email confirmation		
3	3.5.	Success page	. 5	
3	3.6.	Initial APM import	. 5	
4.	Aut	tomated background processes	6	
4	l.1.	Nightly locations caching	. 6	
4	l.2.	Updating parcel statuses	. 7	
5.	Cor	mpatibility with 3 rd party extensions	7	
	6. Fulfilment and order management7			
6	3.1.	Standard Magento admin panel	. 7	
6	5.2.	3 rd party order management systems	. 8	
7.	Log	ງs	8	
8.	Cor	ntacts	9	



2. Overview

InPost has a national network of nearly 1,200 fully automated parcel lockers that are accessible 24/7, meaning no more queues or waiting in, enabling customers to collect, send and return parcels at their earliest convenience. All lockers are located in a variety of safe and secure locations including Morrisons supermarkets, Esso petrol stations and Transport for London sites, as well as outside retailers such as Toys R Us.

This Magento module implements InPost Locker service allowing visitors to send their parcels to their locker of choice nearby.

With this extension, new shipping method is added where customer will be able to navigate lockers in their area and select the most convenient. Locker information is stored within customer order and is communicated to InPost via API during fulfillment and shipping process. Customers are able to track progress of their parcel from within 'My Account' area. Problematic parcels are reflected within admin system messages so your Customer Service can communicate and process these orders accordingly.

Demo environment can be seen at http://www.magento-demo.inpost.nmediasystems.com/

3. Installation and configuration

3.1. Download module

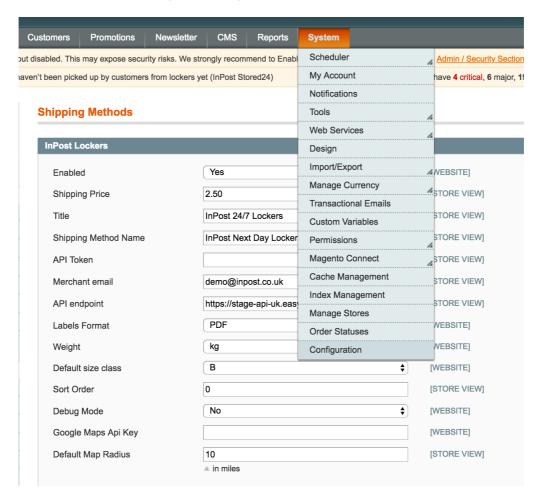
Latest release of the module can be downloaded from https://github.com/inpostuk/magento/releases

3.2. Module installation

- 1. Backup file system of your magento installation;
- 2. Copy app/ folder via ftp to your server into magento root folder on your development server. This will copy extension files to appropriate location. Please note no core files are affected.
- 3. Refresh system cache in System->Cache Management admin section;
- 4. Time to configure the extension. All configuration is done in the admin panel in Configuration section, System->Configuration->Shipping Methods->InPost Lockers.
 - a. Enabled;
 - b. Shipping price;
 - c. Title;
 - d. Shipping method name;
 - e. API Token InPost account token, you should receive this token from InPost when account is created:



- f. Merchant email InPost account email;
- g. API endpoint either https://stage-api-uk.easypack24.net/v4/ for production environment;
- h. Labels format, either PDF or ZPL if you use ZPL printer;
- i. Weight, this is weight dimension used in your store, either in kilograms or pounds;
- j. Default size class depending on the size of items sold, you can select locker compartment size by default, A 8x38x64cm, B –19x38x64cm, C 41x38x64cm;
- k. Sort order positioning for InPost shipping method;
- Debug Mode if debug mode enabled;
- m. Google Maps Api Key as we're relying on Google Maps, you will need to provide your Google Maps Api Key, please register with Google Maps;
- n. Default Map Radius depending on the density of lockers in your customers target area, this setting will change default limit of lockers around entered post code;



3.3. Default country

When making address requests within map widget, we specify country which is taken from System->General->Countries Options->Defaul Country



Please make sure Default Country for your store is set to «United Kingdom» in order for the module to work properly within UK.

3.4. New order email confirmation

When new order is placed with InPost method, we'd like to notify customer about InPost specific collection, in order to display collection details, please add the following block to ne w order confirmation email template:

```
{code}
  {{block type="core/template" template="inpost/email/inpost.phtml" order=$order}}
{code}
```

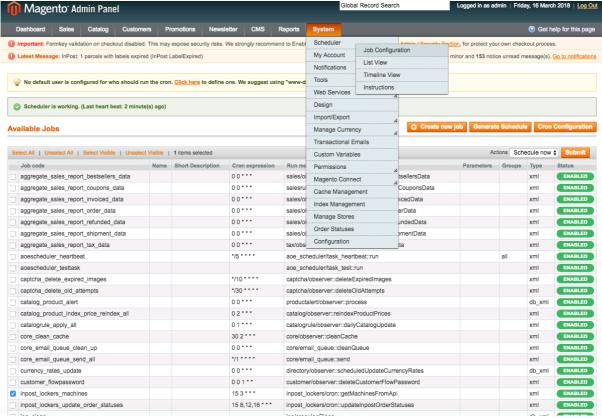
3.5. Success page

Success page will also contain text about collection for InPost orders, we haven't overrident the template by default, please see new template with conditional InPost message included app/design/frontend/base/default/template/inpost/checkout/success.phtml between lines 40 and 42 and copy them across to your custom success page template.

3.6. Initial APM import

As described in the next section, list of InPost machines is imported / updated nightly. For the very first time lockers are imported automatically during extension installation. It's always possible to run this job manually from System->Scheduler->Job configuration, tick inpost_locker_machines, select «Schedule now» and hit «Submit» in the top right corner. The job will be scheduled and ran on the next cron execution which will import InPost machines and they'll be visible on the map widget.





4. Automated background processes

There're 2 cronjobs added as part of this module, inpost_lockers_machines to cache locations and and inpost_lockers_update_order_statuses to update order statuses.

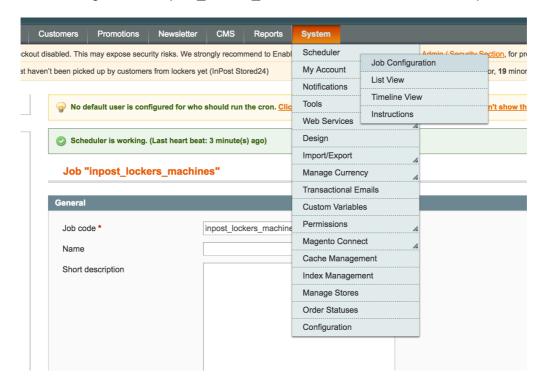
First of all, Magento Cron has to be enabled, see more info in the official <u>documentation</u>. We'd also recommend to install <u>AOE Scheduler</u> which visualizes cronjobs and makes their management a lot easier.

4.1. Nightly locations caching

In order to improve performance, there's cronjob inpost_lockers_machines which connects to InPost API on nightly basis at 3:15AM and downloads / updates details about APM locations. It's highly recommended to change default execution time from 3:15AM to some custom time at night so that all retailers using our extension don't connect to InPost



API at the same time. This is doable via admin within AOE Scheduler, System->Scheduler->Job Configuration->inpost lockers machines, scroll down to Cron expression.



4.2. Updating parcel statuses

In order to keep retailer informed about parcels lifecycle, 3 times a day the module synchronises order statuses for all orders placed within the last 7 days (except orders in final statuses, InPost Delivered, etc). If there're orders with statuses requiring (customer services) attention, corresponding messages are added after each run to system messages within admin panel. Similarly to the previous step, it's advisable to amend standard execution times from 8:15,12:15,16:15 to similar times, different minutes to avoid loading InPost API at the same time.

5. Compatibility with 3rd party extensions

The shipping method is by default compatible with Magento standard onepage checkout. In addition the method is also compatible out-of-the-box with:

- OneStepCheckout from Idev, https://www.onestepcheckout.com/
 - In order to ensure compatibility, dependency needs to be included in app/etc/modules/Inpost_Lockers.xml: <depends>Idev OneStepCheckout/></depends>
- One Step Checkout from Amasty, https://amasty.com/single-step-checkout.html

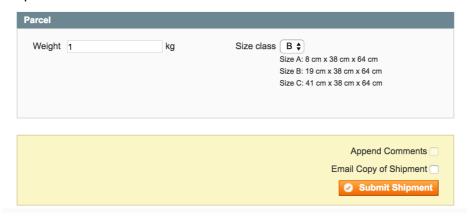
6. Fulfilment and order management

6.1. Standard Magento admin panel

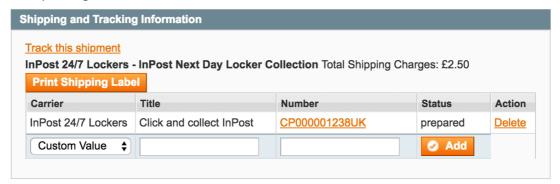


Once the module is installed, every shipment created in admin for orders with InPost shipping method will be communicated to InPost via API. Once shipment is created, you'll be able to print label in PDF or ZPL format depending on configuration.

Shipment submission:



Label printing:



6.2. 3rd party order management systems

If your orders are processed with 3rd party order management system and InPost is notified about new orders from 3rd party management system there will be no conflict. You can only utilize frontend functionality of this extension, capture locker information wihin orders as shipping address, this information will then be processed by your OMS.

In case where OMS is used, please disable cronjob which updates order statuses: inpost_lockers_update_order_statuses. This can be done via admin panel within AOE Scheduler, System->Scheduler->Job Configuration, and set "Disabled" status for inpost lockers update order statuses job.

7. Logs

All errors are logged to appropriate InPost log file in var/log/inpost.log



8. Contacts

If you have questions related to InPost account management or orders, please contact it_support@inpost.co.uk

For extension customization enquiries, please contact info@nmediasystems.com