



bpost shipping manager

Prestashop module – User manual

Version 0.3

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1 Glossary of Terms

Throughout this document, the following terms and abbreviations are used. They are explained in this table.

Term	Definition
ERP	Enterprise Resource Planning: The technology solutions for large companies or other organizations to manage their resources, including customers, supplies, accounting, and other "back office" activities.
Lightbox	A simple, unobtrusive (java)script used to overlay websites. It is easy to setup and works on all modern browsers.
PUGO	Pick-up & Go: bpost delivery method. For more information please visit www.bpost.be .
Bpack 24/7	bpost delivery method. For more information please visit www.bpost.be .
BPACK@bpost	The new name of PUGO, a delivery method of bpost
Consumer	End user, customer of a webshop
Customer back-end	Prestashop pages, available when the shop owner is logged on
Administrator	Person responsible for sending the parcels
Administrator back-end	Prestashop back end for administrator
bpost platform	bpost Shipping Manager platform

2 Introduction

This document describes the installation procedure of the bpost Shipping Manager Prestashop Module.

Please note that the Shipping Manager Integration Manual does not explain how to use the Back-End of the Shipping Manager, used for the management of orders and the generation of labels. Please refer to the *bpost Shipping Manager user guide* if you want to work with the Back End interface.

The plugin has been developed by Produweb, commissioned by bpost Parcels Europe in August 2012. For contact details:

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2.1 Required knowledge

In order to use this manual you need knowledge of the following topics:

- Prestashop administration
- HTTPS

The bpost Shipping Manager is an application that is created for any framework or e-Commerce solution. For Prestashop, a specific module has been created.

The bpost Shipping Manager runs in an HTTPS environment, in order to safeguard the communication of private data. bpost strongly recommends using https and does not support integrations in http environments.

2.2 Compatibility

Compatibility with Prestashop versions:

The bpost Shipping Manager Prestashop module is tested for following Prestashop versions:

- 1.4.x
- 1.5.x

2.3 bpost Shipping Manager solution

The bpost Shipping Manager is a plug and play solution that is available for national and international shipping. It allows your business to manage shipping and returns and to print labels. The bpost Shipping Manager solution contains a Front End and a Back End solution.

2.3.1 Front End

The bpost Shipping Manager Front End is an online solution for your e-business to offer bpost delivery options to consumers.

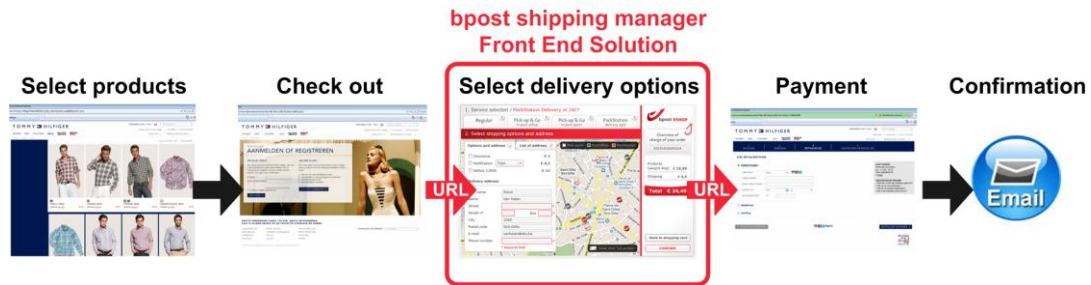


Figure 1 bpost Shipping Manager Front End solution

The Front End fits seamlessly into the order process, which is shown in Figure 1. The following steps show how the process works:

First the consumer selects his desired product(s) in the web shop. Next the consumer enters his credentials and performs a check out.

During the checkout process, when selecting the delivery method / address, the consumer is redirected via URL (POST parameters) to the Shipping Manager Front End. In the Front End he selects the appropriate delivery method and options. All the information is automatically sent to the bpost systems and all the information is also returned via URL redirect (POST parameters) to the web shop.

The consumer then comes back to the web shop to validate and pays the order. Afterwards, the web shop can send a confirmation to bpost in order to validate the sale after payment via another POST URL redirection or via a REST web service.

2.3.2 Back End

The bpost Shipping Manager Back End is a web-based solution that allows your e-business to:

- Manage shipments
- Select additional options
- Generate labels
- Link web orders to parcel shipping
- Access Track & Trace information
- Manage returns

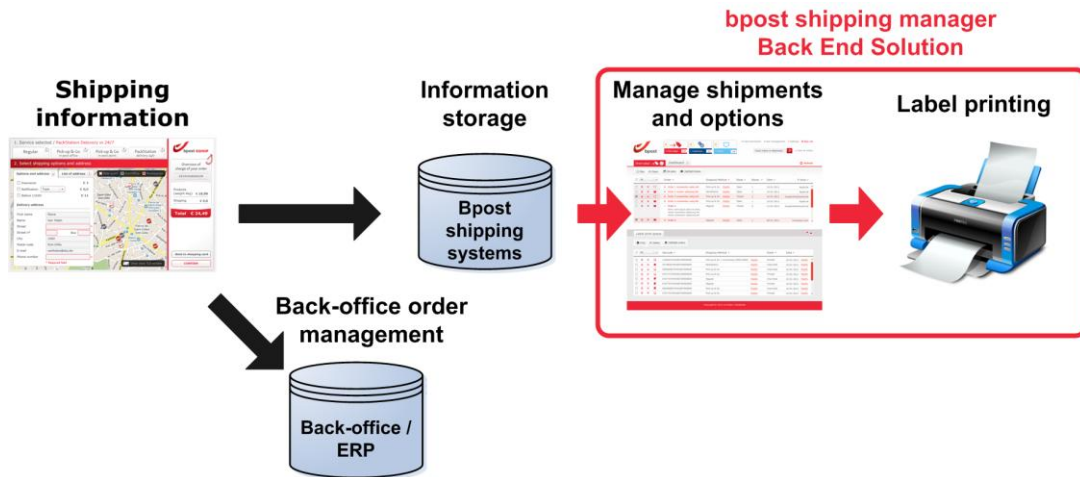


Figure 2 bpost Shipping Manager Back End solution

In Figure 2 we show you the process in which the Back End is placed. The following steps show how the process works:

The shipping information, which is returned either by an integrated Front End or by REST web services, can be stored in your Back-office or ERP system and is automatically stored in the systems of bpost. This covers information such as: shipping address, product, client name, etc.

It is possible to manage the information through the Shipping Manager Back End which is hosted by bpost. E-tailers can access it via the bpost portal to manage orders, select options and generate labels. Generated labels can be printed by the Shipping Manager and can be used to launch the logistic flow. It is possible to follow the shipped parcels with the integrated Track & Trace tool.

Apart from this solution, the bpost Shipping Manager allows the deep integration of its functionalities into ERP or other back-office systems. This deep integration is thoroughly explained throughout the following sections and in the chapter *Web Services*.

3 Prestashop module

3.1 Before installation

In order to have access to the bpost Shipping Manager, you must have a bpost contract, sign the bpost Shipping Manager License Agreement and obtain an account ID + password to configure the application.

Please contact the bpost parcels sales team at +32 2 276 28 12 or send an email to shippingmanager@bpost.be

3.2 Installation

Install the module from Prestashop Addons (<http://addons.prestashop.com>) or copy files directly from the archive into the modules directory of your Prestashop installation.

3.3 Configuration

3.3.1 Configuration of the module

Maintenance of the module can be done in the Administrator back-end once the module has been installed.

The configuration of the module will be made accessible via Modules > Shipping & Logistics > Bpost > Configuration

Bpost

Description

Bpost allows you to offer buyers 5 modes of delivery. :

- BPACK 24/7
- BPACK WORLD
- BPACK WORLD express
- BPACK@HOME
- BPACK@bpost

Bpost Manager

Settings

Bpost ID :
Id user for back office Bpost.

Key :
Secure key for back office Bpost.

Fancybox :
If you enable this option, the page of Bpost will displayed in a fancybox

Information

Please fill in these three addresses in your Back Office Bpost. :

Confirm url : <http://dev1.dexis.be/modules/bpost/validation.php>

Cancel url : <http://dev1.dexis.be/order.php>

Error url : <http://dev1.dexis.be/modules/bpost/validation.php>

bpost Shipping Manager Prestashop module parameters

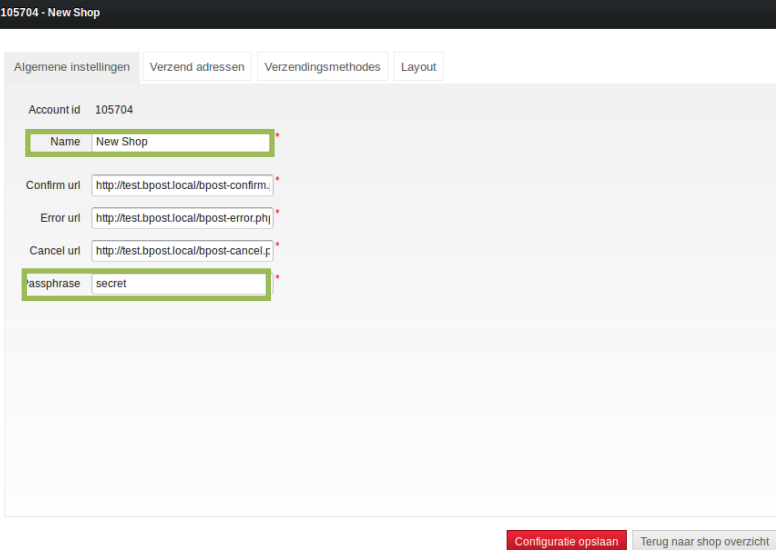
Parameter	Possible values	Description
bpost ID	String	Fill in your bpost account ID (6 digits)
Key	String	Fill in the passphrase which is set in the bpost Shipping Manager back-end
Fancybox	Boolean	Displays a lightbox instead of being redirected to a separate bpost page. Enable if you prefer your customers to remain in your environment

3.3.2 account ID and passphrase

In order to use the module in Prestashop, a bpost account ID is required. The administrator is able to set a passphrase in the bpost Shipping Manager back-end, which can be found after login into the bpost portal at <https://www.bpost.be/portal/goLogin>. After Login, go to Shipping Manager > Admin > edit shop. If the option is greyed out, you do not yet have access to the application. Please contact your account manager or send an email to shippingmanager@bpost.be

After the bpost Shipping Manager License Agreement was signed, you received a user manual. In this document, more information on how to use and configure the back-end is explained.

Enter the name of your webshop in the "Name" field and add a Passphrase. Be sure to use a Passphrase that follows the password security best practices.



105704 - New Shop

Algemene instellingen Verzend adressen Verzendingsmethodes Layout

Account id 105704

Name New Shop

Confirm url <http://test.bpost.local/bpost-confirm>

Error url <http://test.bpost.local/bpost-error.php>

Cancel url <http://test.bpost.local/bpost-cancel.php>

Passphrase secret

Configuratie opslaan Terug naar shop overzicht

Image 1: Credentials in bpost Shipping Manager back end

The administrator will have to enter the account ID and Passphrase manually in the configuration of the Prestashop backend.

Important: The passphrase can be changed in the bpost platform by the administrator. Once done, the Prestashop module will not be able to connect to the bpost platform anymore unless the password is likewise modified in the Prestashop back end.

3.3.3 Return URL's

In the bpost Shipping Manager back-end, a number of return URL's need to be entered. They should be created based on the following structure:

`http://{BASE URL}/modules/bpost/bpost/validation.php`

The following actions are available:

Confirm url:	confirm	<code>http://{BASE URL}/modules/bpost/bpost/validation.php</code>
Error url:	error	<code>http://{BASE URL}/modules/bpost/bpost/validation.php</code>
Cancel url:	cancel	<code>http://{BASE URL}/order.php</code>

Example: If your webshop is <http://www.yourwebshop.com>, the following URL's need to be setup

Confirm url:	<code>http://www.yourwebshop.com/modules/bpost/bpost/validation.php</code>
Error url:	<code>http://www.yourwebshop.com /modules/bpost/bpost/validation.php</code>
Cancel url:	<code>http://www.yourwebshop.com /order.php</code>

The correct URL's can be found at the bottom of your Prestashop plugin setup page.

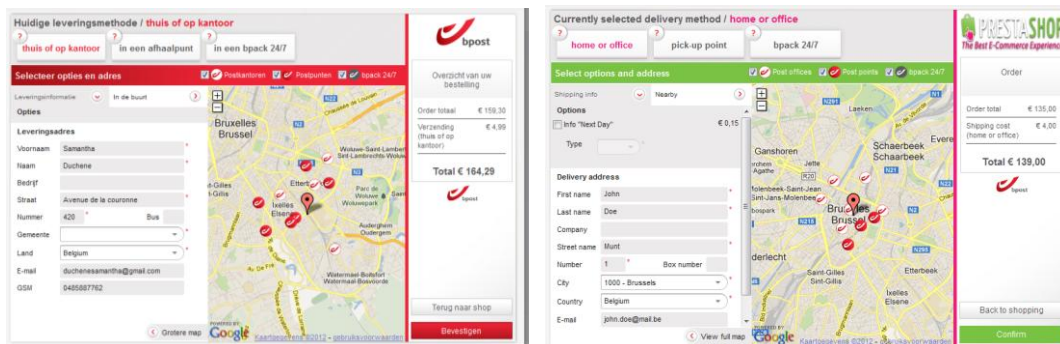
3.4 Front end integration

In this part we will point out what changes to expect during the checkout process when the Shipping Manager shipping method is enabled.

3.4.1 Layout /design

Prestashop is distributed with a default look & feel which can be customized per installation. Therefore the module will be integrated in the "out of the box" Prestashop theme (template) and is customisable by following the standardized Prestashop template mechanism.

For the bpost platform shown in a lightbox inside the Prestashop checkout, the styling can be done through the bpost platform administration pages. This allows the adaptation of colours and logo's. Please refer to the User Manual, which was received after the bpost Shipping Manager License Agreement was signed. Below are shown the default layout and an adapted version.



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Version 0.3 | 31/10/2012

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bpost, limited company under public law | Centre Monnaie, 1000 Brussels

VAT BE 0214.596.464 | Legal Entities Register Brussels | Postal Current Account

IBAN BE94 0000 0000 1414 | BIC BPOTBEB1

3.4.2 Consumer selects delivery method

The bpost module is seamlessly integrated on the Prestashop carrier page.

If the checkbox is selected, the consumer is automatically sent to step 4 and the iFrame as shown in image 12 is opened.

In the 4th step (shipping method), the shipping methods are listed per carrier. Each carrier can have a single or multiple shipping methods.

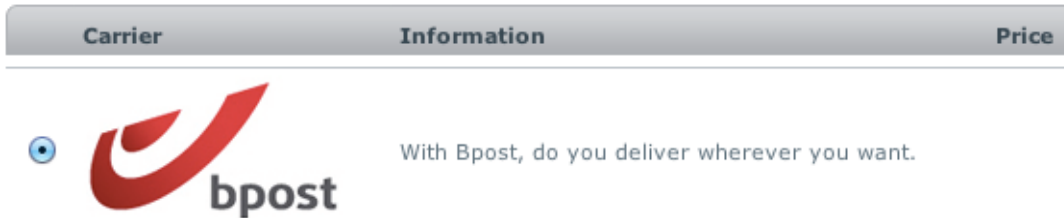


Image 2: Default Prestashop way to show shipping methods

When the customer clicks the bpost logo, a modal box including an iFrame, with the bpost Shipping Manager loaded, will appear on top of the page, disabling all the fields on the underlying page. The customer has to complete the process in the modal box in order to return to the Prestashop checkout process.

The customer can close the modal box by clicking the close icon in the top right corner of the iFrame canvas. This will also deselect bpost as shipping method.

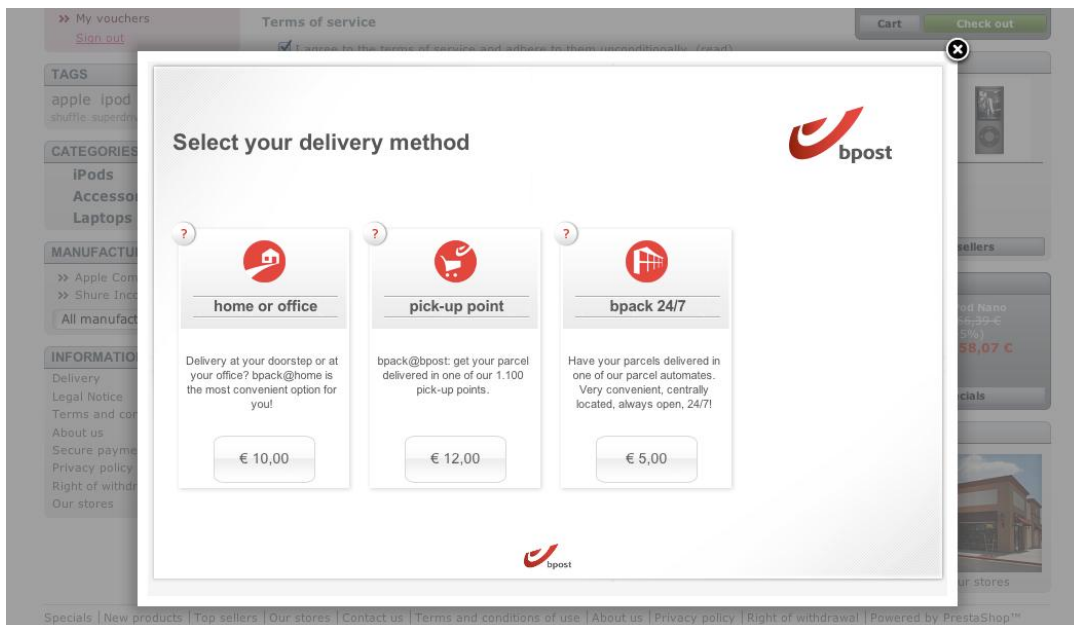


Image 3: bpost Shipping Manager

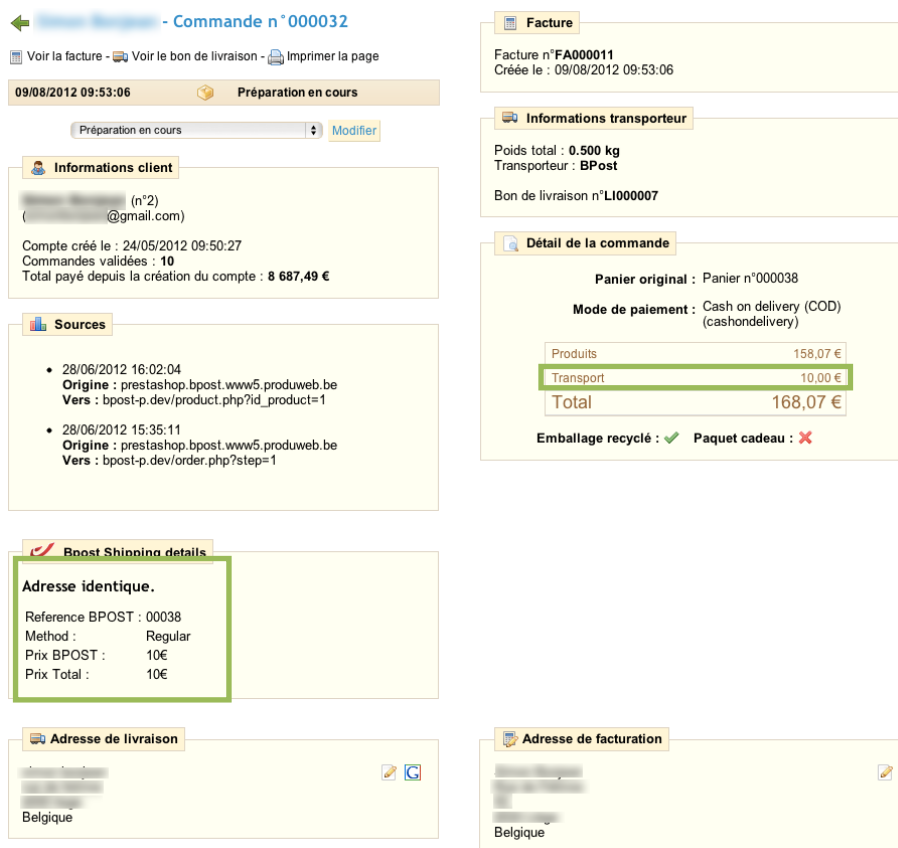
When the process in the modal box is finished successfully, the bpost platform will be closed automatically.

The bpost platform sends the details from the selection back to the Prestashop platform which will trigger an update of the shipping method, cost and address. The customer will automatically continue to the next step without having to click the button "continue".

It is important that the environments, bpost and Prestashop, work within the https protocol. If not, some browsers may report unsecure content on the page because there is a mix of secure and unsecure content on the page. bpost does not support the http protocol.

3.4.3 Order confirmation

On the order confirmation page the selected delivery method and costs associated with it will be available.



← [Nom] - Commande n°000032
 Voir la facture - Voir le bon de livraison - Imprimer la page

09/08/2012 09:53:06 Préparation en cours

Préparation en cours | Modifier

Informations client
 (n°2)
 @gmail.com
 Compte créé le : 24/05/2012 09:50:27
 Commandes validées : 10
 Total payé depuis la création du compte : 8 687,49 €

Sources

- 28/06/2012 16:02:04
 Origine : prestashop.bpost.www5.produweb.be
 Vers : bpost-p.dev/product.php?id_product=1
- 28/06/2012 15:35:11
 Origine : prestashop.bpost.www5.produweb.be
 Vers : bpost-p.dev/order.php?step=1

Bpost Shipping details

Adresse identique.
 Reference BPOST : 00038
 Method : Regular
 Prix BPOST : 10€
 Prix Total : 10€

Adresse de livraison
 Belgique

Adresse de facturation
 Belgique

Facture
 Facture n°FA000011
 Créée le : 09/08/2012 09:53:06

Informations transporteur
 Poids total : 0.500 kg
 Transporteur : BPost
 Bon de livraison n°LI000007

Détail de la commande

Panier original : Panier n°000038
 Mode de paiement : Cash on delivery (COD)
 (cashondelivery)

Produits	158,07 €
Transport	10,00 €
Total	168,07 €

Emballage recyclé : ✓ Paquet cadeau : ✗

3.5 Back end integration

There is no integration foreseen for the usage of the back end. In order to print labels and follow up track & trace, please use the back end of the Shipping Manager.

For more advanced integrations and automatic emailing of the Track & Trace number to the customer, please contact your preferred Prestashop supplier and your bpost account Manager.

4 Appendix

4.1 Supported versions of Prestashop

Compatibility with Major releases like for example Prestashop 1.4.0 to 1.4.3 may lead to incompatibility off the module.

4.2 Installation

The module is available as Prestashop Addons.