colissimo

Simplicité Solution – Pick-up point options
Business offer

Pick-up Point Front Page

Technical document – February 2018 version
Integration guide for the Pick-up Point Front Page

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INTEGRATION GUIDE
PICK-UP POINT FRONT PAGE

Changelog		
Revision	**Date**	**Comments**
0.1	28/08/2017	Creation of the initial version
1.0	07/09/2017	First version of the document
1.1	13/09/2017	Pick-up Point Front Page, authentication
1.3	23/11/2017	Web Service URL updated
1.4	12/12/2017	JavaScript minifié
1.5	09/02/2018	Modification des paramètres d'appel du plugin

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1. INTRODUCTION

1.1 Purpose of the document and background

The "Pick-up Point Front Page" plugin can be directly integrated in your website and it enables your customers to choose their pick-up point.

This document describes how to install it.

1.2 Terminology

Term	Description
Shipper	E-tailer, customer of La Poste - Colissimo
Retail website	Retailer's website
Buyer	internet user, shipper's customer.
Pick-up point	Delivery pick-up point in which the parcel is made available to the addressee.
Working days	Monday to Friday excluding public holidays.
Alphanumeric characters	Refers to: • numeric characters • alphabetical characters (lower case and upper case), • lower case accented characters and 'ç' • as well as special characters excluding:;€~#{([|\^])}=$¤£%*!°²µ§ Unless stated otherwise

2. PICK-UP POINT FRONT PAGE

2.1 General points

The "Pick-up Point Front Page" is La Poste – Colissimo JavaScript plugin that you integrate in your website to allow your customers to choose their pick-up point.

It can be accessed solely in https at the following URL:

https://ws.colissimo.fr/widget-point-retrait/resources/js/jquery.plugin.colissimo.min.js

Its use requires authentication. You must first call a WS with your account number and password in order to obtain a token that is valid for 15 minutes which you enter into the parameters of the plugin.

It is compatible with the following browsers:

- IE (version 8 upwards)
- Firefox
- Chrome
- Safari

It uses Responsive Web Design to adapt to the format of the screen used.

The parameters are to be provided in the JavaScript frameColiposteOpen method in JSON format. The validation of a pick-up point by a user completes the "input hidden" tags declared in the page; when a pick-up point is validated, the callback method is called, if it has been declared.

2.2 Presentation

The page allows users to search for pick-up points close to an address. It is available in the following languages: French, English, Spanish, Italian, Portuguese and German.

It is possible to enter just the name of a city to carry out a search. In this case the map focuses on the city centre and the search is carried out in relation to this point.

When the country France is selected, automatic completion is available for the address and city fields.

List of countries available for the offer "Colissimo Europe"
https://www.colissimo.entreprise.laposte.fr/fr/pays-eligible-international

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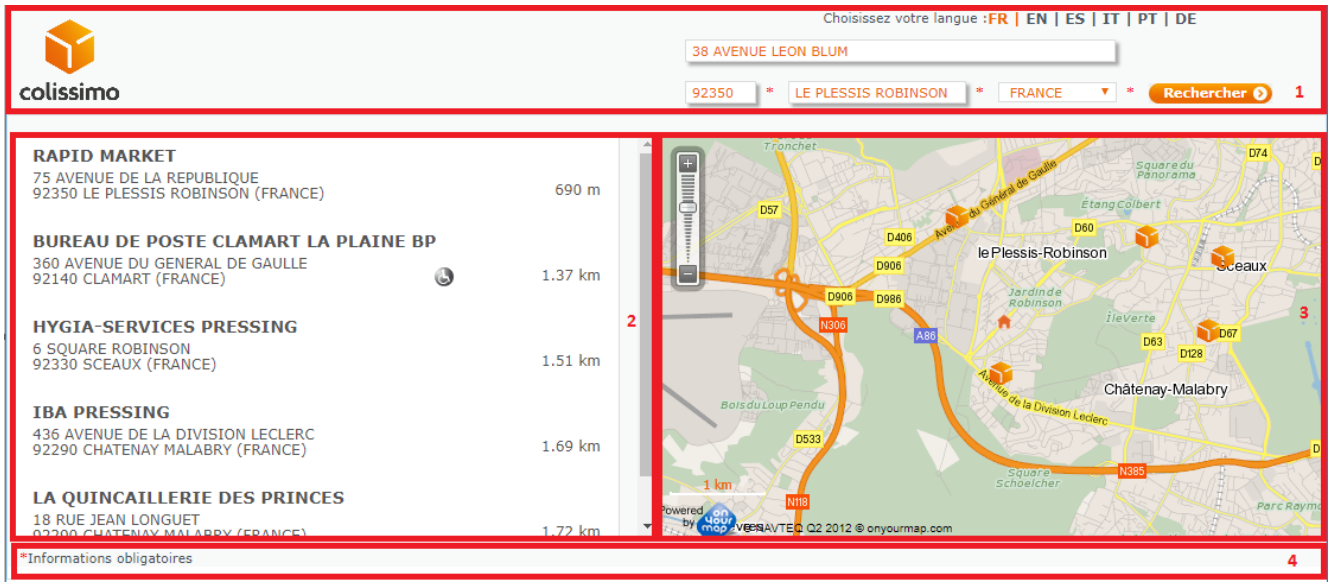
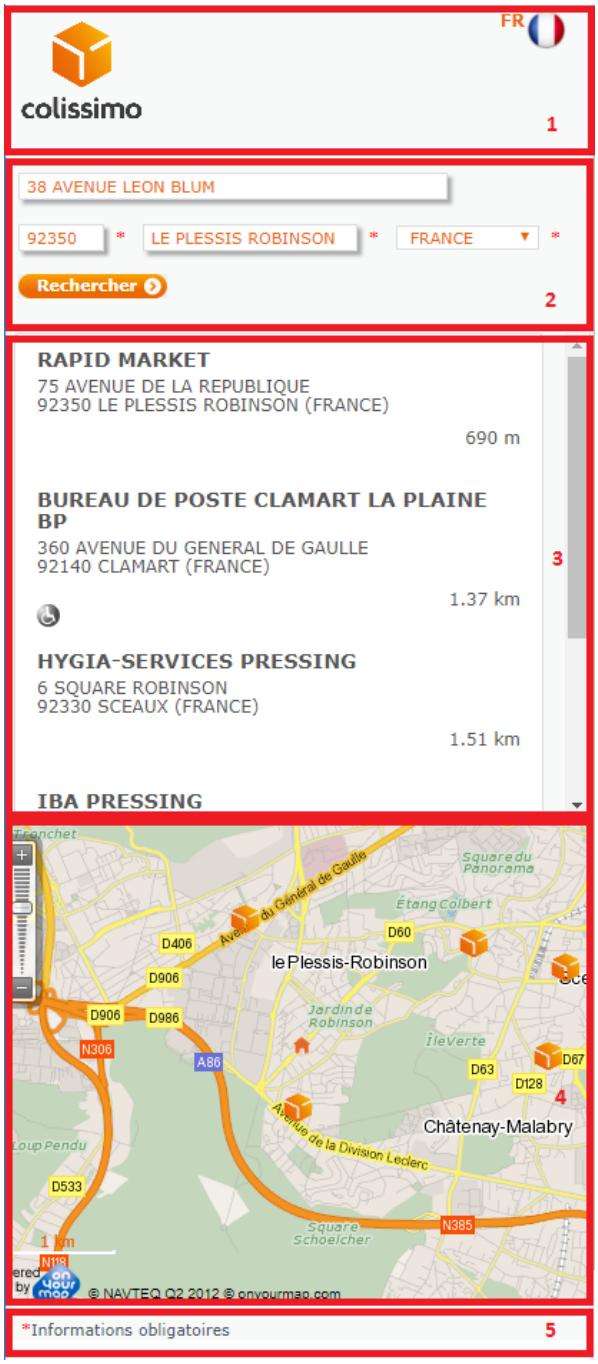
In desktop and tablet mode, the page comprises the following areas:

1. A header area containing:
   - The Colissimo logo and the language-selection menu.
   - The delivery address, if entered in the parameters, and the possibility to change it.
   - A button to start the search.
2. An area listing the pick-up points and their distance from the reference address.
3. A map area, displaying the pick-up points and their details (opening hours, validation of the choice, how to get from the reference address to the pick-up point).
4. An information area.



And in mobile mode:

1. A header area with the Colissimo logo and the language-selection menu.
2. A search area with:
   - The delivery address, if entered in the parameters, and the possibility to change it.
   - A button to start the search.
3. An area listing the pick-up points and their distance from the reference address.
4. A map area, displaying the pick-up points and their details (opening hours, validation of the choice, how to get from the reference address to the pick-up point).
5. An information area.



2.3 Integrating the Pick-up Point Front Page in your page

2.3.1 Principle

The widget is a JavaScript plugin. The URL is the following:

https://ws.colissimo.fr/widget-point-retrait/resources/js/jquery.plugin.colissimo.min.js

The javaScript is referenced in the header of the page (jquery.plugin.colissimo.js), a div tag is declared (widget-container) and the page initialisation method is called with its parameters (frameColiposteOpen()):

```
<!DOCTYPE html>
       <head>
          …
             <script src="https://ws.colissimo.fr/widget-point-
retrait/resources/js/jquery.plugin.colissimo.min.js" type="text/javascript"></script>
          …
       </head>
       <body>
             <h1> CUSTOMER PAGE </h1>
             <div id="widget-container"></div>
             <h1> CUSTOMER PAGE </h1>

       <script type="text/javascript">
       (function() {
               $('#widget-container').frameColiposteOpen(
                         {
                           "ceLang": "en",
                           …
                      });
          })();
       })();
       </script>

       </body>
</html>
```

2.3.2 Authentication

Authentication is carried out by calling a REST WS POST method available solely in https at the following address:

https://ws.colissimo.fr/widget-point-retrait/rest/authenticate.rest

The parameters, as well as the response are in JSON format.

The parameters are:

```
{
  "login": "string",
  "password": "string"
}
```

The response is:

```
{
  "token": "string"
}
```

This token is to be passed in the call parameters of the widget initialisation method.

2.3.3 Personalisation of the font and colours of the characters

You can redefine the font of the characters and the colours by defining the following styles:

.couleur1	Colour of the text in the address fields
.couleur2	Colour of the text of the list of pick-up points in different languages (in desktop mode)
.police	Font of the characters in the text fields

Example:

```
<style type="text/css">

.couleur1 {
	color:blue;
}

.couleur2 {
	color:green;
}

.police {
	font-family: Snell Roundhand, cursive;
}
```

2.3.4 Input parameters

The input parameters are passed as parameters for the plugin initialisation method in a JSON structure:

```
{
      "ceLang": "fr",
      "callBackFrame": callBackFrame,
      "ceCountryList": "FR,ES,GB,PT,DE",
      "ceCountry": "FR",
      "dyPreparationTime": "1",
…
}
```

You are advised not to use special characters in the call parameters.

Parameter	Type	Mandatory	Description	Management rule
ceCountryList	String	Yes	List of the ISO codes of the countries separated by " , "	MR1
ceCountry	2 characters	Yes	Country selected by default	MR2
ceLang	2 characters	No (FR by default)	The code of the language selected by default	MR3
dyPreparationTime	Numeric with 2 characters maximum	Yes	Order preparation time	MR4
ceAddress	String	No	Address searched	MR5
ceZipCode	String	No	Post code searched	MR6
ceTown	String	No	City searched	MR7
dyWeight	Numeric with 5 characters maximum	No	Weight of parcel given in grams	MR8
callBackFrame	String	No	Name of the JavaScript function to be called during the validation of a pick-up point.	MR9
URLColissimo	String	Yes	The Colissimo server URL : https://ws.colissimo.fr	
token	String	Yes	Token returned by authentication WS	

MR1: At least 1 country. The possible values are countries eligible to the SO offer.

The following countries are currently eligible:

Country	ISO code
France	FR
Belgium	BE
Germany	DE

Netherlands	NL
Luxembourg	LU
Spain	ES
United Kingdom	GB
Portugal	PT
Austria	AT
Estonia	EE
Latvia	LV
Lithuania	LT

Countries eligible from the 25 September 2017:

Country	**ISO code**
Czech Republic	CZ
Hungary	HU
Slovakia	SK
Slovenia	IS
Denmark	DK
Finland	FI
Ireland	IE
Poland	PL
Sweden	SE

MR2: ISO code of the country selected by default in the list. This code must be part of country codes provided in the ceCountryList.

MR3: Language selected by default. If the parameter is not provided, the default language is FR. The language must be one of the following values: FR, EN, ES, DE, PT, NL, IT.

MR4: makes it possible to calculate the package shipment date (current date plus preparation time) in order to display only the open pick-up points.

MR5: Address displayed when page is initialised: This information is optional

MR6: Post code displayed when page is initialised: This information is optional

MR7: City displayed when page is initialised: This information is optional

MR8: The weight is optional. If it is not valid, it is ignored.

MR8: The "point" parameter contains an object with information about the selected pick-up point:

- accesPersonneMobiliteReduite
- adresse1
- adresse2
- adresse3
- codePostal
- congesPartiel
- congesTotal
- coordGeolocalisationLatitude
- coordGeolocalisationLongitude
- distanceEnMetre
- horairesOuvertureDimanche
- horairesOuvertureJeudi

- horairesOuvertureLundi
- horairesOuvertureMardi
- horairesOuvertureMercredi
- horairesOuvertureSamedi
- horairesOuvertureVendredi
- identifiant
- indiceDeLocalisation
- listeConges
- localite
- nom
- periodeActiviteHoraireDeb
- periodeActiviteHoraireFin
- poidsMaxi
- typeDePoint
- typologieClients
- typologiePoint
- distributionSort
- lotAcheminement
- reseau
- versionPlanTri

2.3.5 Return of results

The validation of a pick-up point creates and completes the specific input hidden tags in the page with the information about the selected pick-up point. Then, if a callBack method has been declared in the parameters, it is called.

ID of the tag	Type	Description	Management rule
pudoWidgetErrorCode	Int	Profession error massage	
PudoWidgetErrorMessage	String	Description of profession error message	
pudoWidgetCompanyName	String	Name of the pick-up point	
pudoWidgetAddress1	String	1st line of the address	
pudoWidgetAddress2	String	2nd line of the address	
pudoWidgetAddress3	String	3rd line of the address	
pudoWidgetCity	String	City	
pudoWidgetZipCode	String	Post code	
pudoWidgetCountry	String	Country ISO code	
pudoWigdetType	String	Type of point	Alphanumeric with 3 characters: - A2P for local shops - MRL Mondial Relais local shops

ID of the tag	Type	Description	Management rule
			- BPR for Post Offices - CDI for La Poste distribution centres - ACP for ColiPoste branches - BDP for BPOST post offices - CMT for BPOST local shops BPR, CDI and ACP are grouped together under the same Post Office delivery mode.
pudoWidgetIdPR	int	Id of the pick-up point	
pudoWigetDistributionSort	String	Distribution Sort	
pudoWigetLotAcheminement	String	Lot acheminement	
pudoWigetCodeReseau	String	Network Code réseau	
pudoWigetPlanDeTri	String	Plan de tri	

2.3.6 Error codes

http errors:

Code	Description	Additional information
403	Forbidden	Mandatory use of https
401	Unauthorized	Token not provided or non-compliant or expired

Configuration errors (pudoWidgetErrorCode tag):

Code	Description
O	OK
10	ceCountryList parameter not specified or empty
11	At least 1 country code is not compliant (unknown in REFWEB)
20	ceCountry parameter not specified or empty
30	ceLang parameter not valid
40	dyPreparationTime parameter not specified or empty
41	Format of the dyPreparationTime parameter not valid

2.4 Example

Below is an example of a page integrating the Pick-up Point Front Page:

```
<!DOCTYPE html>
<html lang="fr">
<head>
     <title>Pick-up Point Front Page </title>
     <meta charset="utf-8">
     <meta http-equiv="pragma" content="no-cache" />
     <meta http-equiv="cache-control" content="no-cache" />
     <meta http-equiv="Expires" content="0" />
     <script   src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.js"
type="text/javascript"></script>
     <script src="https://ws.colissimo.fr/widget-point-
retrait/resources/js/jquery.plugin.colissimo.min.js"     type="text/javascript"></script>
</head>
<body>
     <h1>The top of the page</h1>
     <div id="widget-container" ></div>
     <input type="hidden" id="pudoWidgetErrorCode">
     <h1>The bottom of the page</h1>

          <script type="text/javascript">
          (function() {

               $('#widget-container').frameColiposteOpen({
                    "ceLang": "fr",
                    "callBackFrame": 'callBackFrame',
                    "URLColissimo" : " https://ws.colissimo.fr",
                    "ceCountryList": "FR,ES,GB,PT,DE",
                    "ceCountry": "FR",
                    "dyPreparationTime": "1",
                    "ceAddress": "62 RUE CAMILLE DESMOULINS",
                    "ceZipCode": "92130",
                    "ceTown": " ISSY LES MOULINEAUX",
                    "token" : "xxxxxyyycdcbucysbycudsyds.fghdfgdf"
               });
          })();


          function callBackFrame(point) {
               console.log('call back frame');
               console.log(point);
          }
     </script>
</body>
</html>
```

the token is for the exemple. You have to get one thanks to the authentication WS.