

Simplicité Solution – Pick-up point options Business solution

Pick-up Point WIDGET V2

Technical document – November 2024 version
Pick-up Point Widget Integration Guide



Log of Changes		
Revision	Date	Comments
0.1	28/08/2017	Creation of the initial version
1.0	07/09/2017	Recovery of the existing structure and graphic improvement
2.0	10/01/2022	Update of the documentation following the redesign of the widget
2.1	24/04/2024	Evolution of the authentication mode by Apikey and by third-party partner code

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1. INTRODUCTION

1.1 Purpose of the document and background

Directly integrated into your website, the "Pick-up Point Widget" component allows your customers to view all the Colissimo Pick-up Points in their area via your website, so that they can make their choice.

This document describes how to integrate the widget into your system.

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	<p>Refers to:</p> <ul style="list-style-type: none"> • numeric characters • alphabetical characters (lower case and upper case), • lower case accented characters and 'ç' • as well as special characters excluding: ;€~#{([\^])}=\$¥£%*!°²µ§ <p>Unless stated otherwise</p>

2. PICK-UP POINT WIDGET

2.1 General points

The Widget 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-colissimo/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 30 minutes which you enter into the parameters of the plugin.

It is compatible with the following browsers:

- Edge
- Firefox
- Chrome
- Safari

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

The parameters are to be provided to the JavaScript method `frameColiposteOpen` in JSON format, and the validation of a Pick-up Point by the user calls the javascript method of your choice to retrieve a javascript object containing all the information related to the selected pick-up point.

2.2 Overview

The Widget allows users to search for pick-up points close to an address.

It is displayed in French if the caller's browser language is set to 'FR', otherwise the display is in English in all other cases of language detection other than 'FR'.

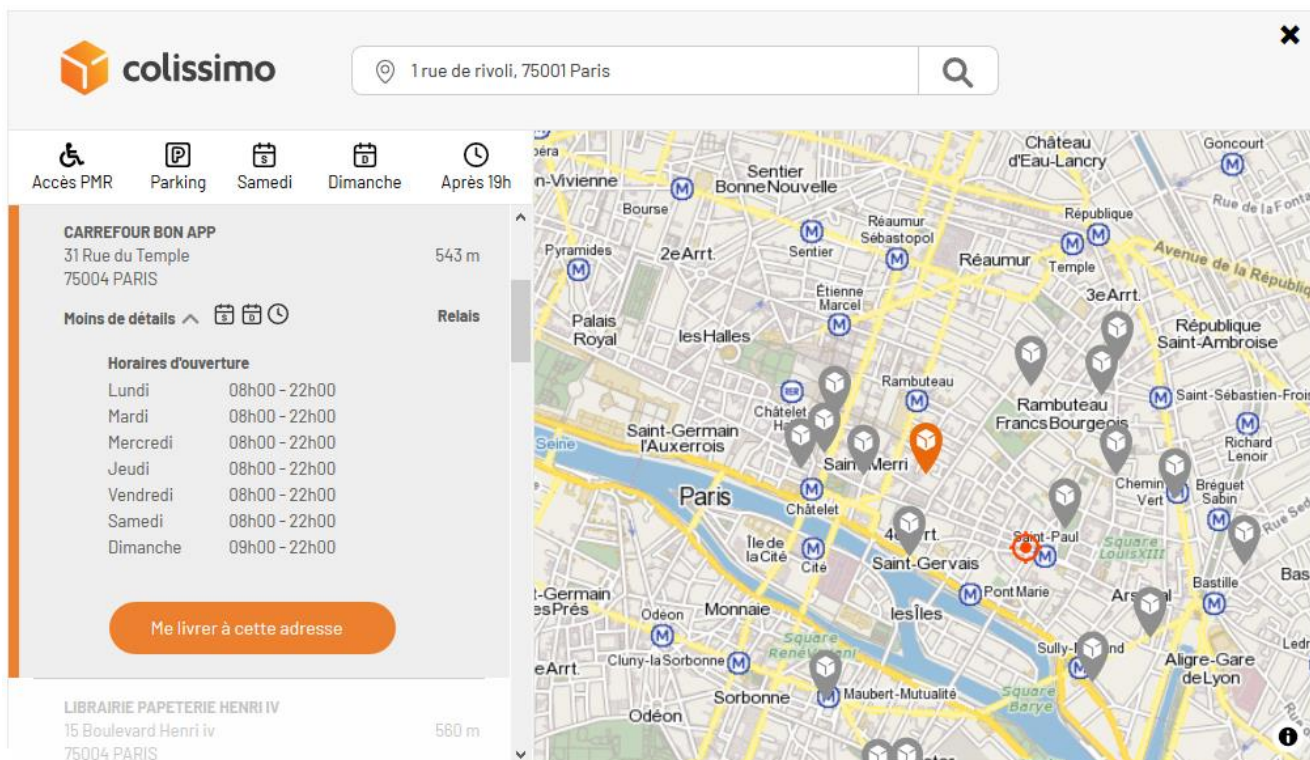
An auto-complete is available to allow searching by part of the address.

List of Countries eligible for the Colissimo Europe service;

<https://www.colissimo.entreprise.laposte.fr/fr/pays-eligible-international>

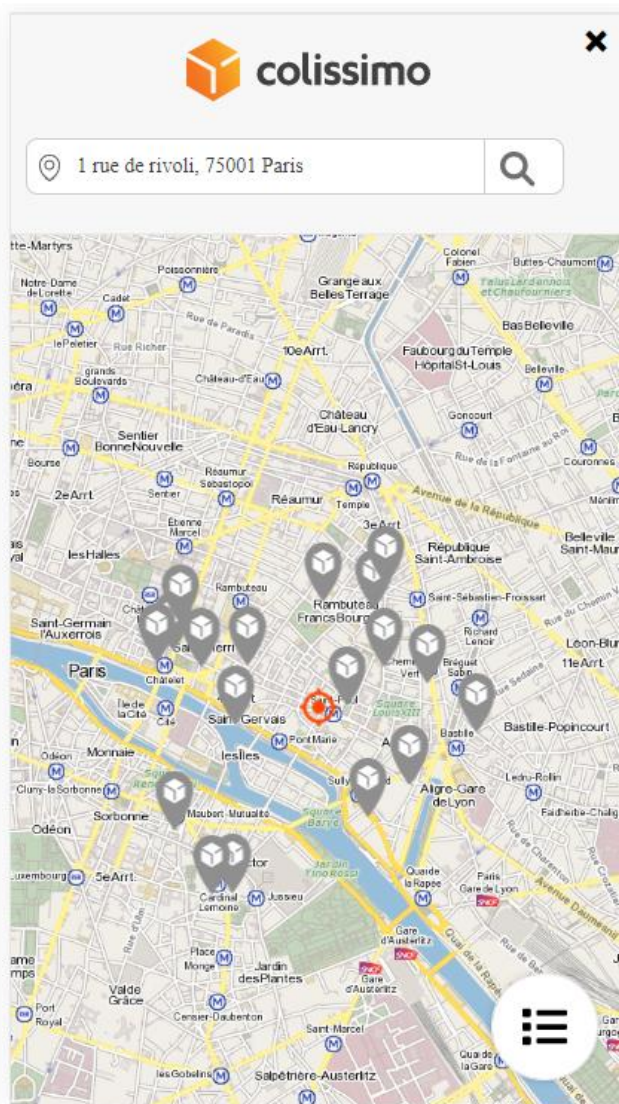
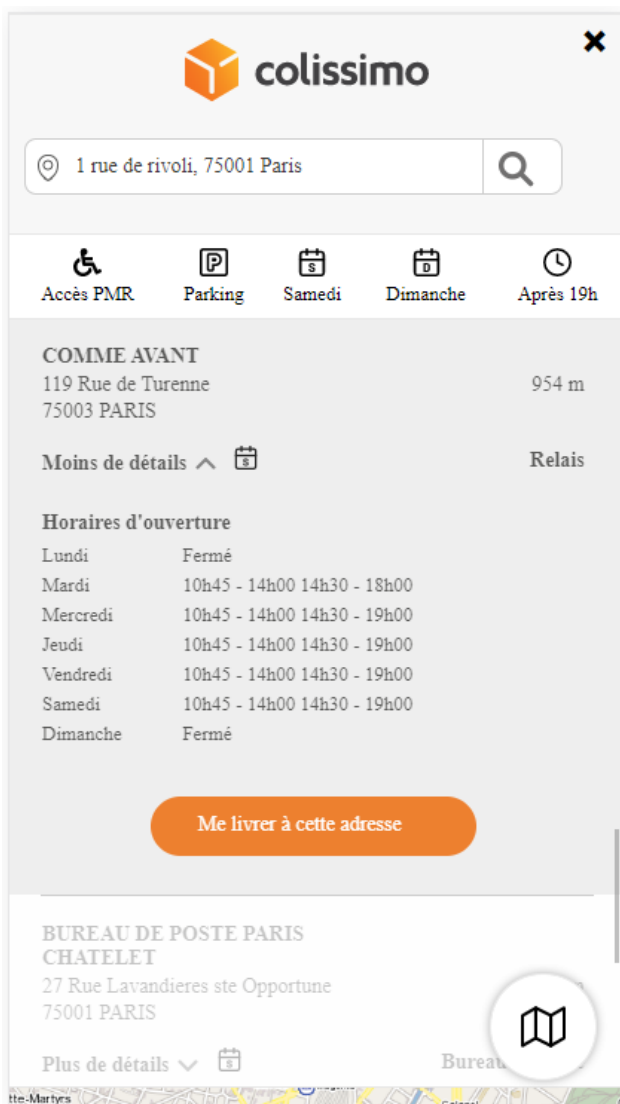
In desktop and tablet mode, the page comprises the following areas:

1. A header area containing:
 - The Colissimo logo
 - 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 mapping area to view the pick-up points.
4. An information area that can be expanded to display details (opening hours, validation of the pick-up point and other details about the pick-up point).



And in mobile mode:

1. A header area containing the Colissimo logo
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 mapping area to view the pick-up points, which can be viewed by tapping on the map button, returning to the list of points by tapping the list button displayed on the map.
5. An information area that can be expanded to display details (opening hours, validation of choice of pick-up point, itinerary between the reference address and the pick-up point).



2.1 Migration from the old version of the widget

The widget has been redesigned with the aim of simplifying the technical migration as much as possible.

To perform the migration, it is necessary to:

- Replace the old url of the colissimo plugin with the new one (see below)
- Replace the old url used on the back side for authentication with the new one (see below)
- Integrate the Mapbox gl library to use the new map.
- Use a version of jQuery from version 3.6.0 or higher.

The interface of the colissimo plugin (methods, input parameters) has not changed, so there is no need to modify it. Also, for the customisation of the colours and the font, the style class names have been retained.

Most of the migration is done by modifying the javascript/css library import lines to replace them by the following lines:

```
<!--Les librairies jQuery et MapBox -->
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.js"
type="text/javascript"></script>
<script src='https://api.mapbox.com/mapbox-gl-js/v2.6.1/mapbox-gl.js'></script>
<link href='https://api.mapbox.com/mapbox-gl-js/v2.6.1/mapbox-gl.css' rel='stylesheet' />
<!--La librairie widget colissimo -->
<script src="https://ws.colissimo.fr/widget-colissimo/js/jquery.plugin.colissimo.min.js"
type="text/javascript"></script>
```

2.2 Integrating the Pick-up Point Widget into your page

2.2.1 Principle

The widget is a JavaScript plugin. The URL is as follows:

<https://ws.colissimo.fr/widget-colissimo/js/jquery.plugin.colissimo.min.js>

The following are required for the widget to function:

- jQuery version 3 or higher
- Mapbox gl version 2.3.1 or higher for mapping
- The Colissimo plugin.

Integration example:

```
<!DOCTYPE html>
<html lang="fr">
<head>
  <!--Les librairies jQuery et MapBox -->
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.js" type="text/javascript"></script>
  <script src="https://api.mapbox.com/mapbox-gl-js/v2.6.1/mapbox-gl.js"></script>
  <link href="https://api.mapbox.com/mapbox-gl-js/v2.6.1/mapbox-gl.css" rel="stylesheet" />
  <!--La librairie widget colissimo -->
  <script src="https://ws.colissimo.fr/widget-colissimo/js/jquery.plugin.colissimo.min.js"
  type="text/javascript"></script>
</head>
<body>
  <div id="monIdDeWidgetColissimo" class=""></div>
  <script type="text/javascript">
    <!--URL du serveur colissimo -->
    var url_serveur = 'https://ws.colissimo.fr';
    <!--La méthode appelée par le widget lors de la sélection d'un point de retrait par l'utilisateur, l'objet
    point contient toutes les informations du point de retrait -->
    function maMethodeDeCallBack(point) {
      console.log('call back frame');
      console.log(point);
      jQuery('#monIdDeWidgetColissimo').frameColissimoClose();
    }
    <!-- on doit s'authentifier séparément pour raison de sécurité-->
    <!--Le token de connexion au widget -->
    var token =
    'eyJhbGciOiJIUzI1NiJ9.eyJqdGkiOiI4ZTZkMjgyYjUxZDBlMjgyY2I0ODdkM2QzNGVjMDMwNSIsImhhdCI6MTY0MTk5NjQ5OCwic3ViIjoid2lkZ2V0
    IiwiaXNzIjoide4NDE5IiwiaXNzIjoiaXNzOTk4Mjk4fQ.FP0-NCyGvf5umnHEu0cZ4fAyYnsN7yoS4AxTsdaGFYY';
    $( '#monIdDeWidgetColissimo' ).frameColissimoOpen({
      "URLColissimo" : url_serveur,
      <!-- nom de la méthode qui sera appelée lors de la sélection d'un point de retrait -->
      "callBackFrame" : 'maMethodeDeCallBack',
      "ceCountry" : "FR",
      "ceAddress" : "1 rue de rivoli",
      "ceZipCode" : "75001",
      "ceTown" : "Paris",
      "origin" : "WIDGET",
      "filterRelay" : "1",

      "token" : token
    });
  </script>
</body>
</html>
```

PS: here the authentication token is not valid, you have to authenticate to get one beforehand. This is covered in the next chapter.

The frameColissimoClose() ; method is used to close the widget properly. It is necessary to use it so that the widget can reopen correctly. Here, we call the method in the callback method. If you want to offer another solution for closing the widget to the user then you will also have to call the method to close the widget.

2.2.2 Authentication by token generation

The authentication consists in recovering a token to enter in the parameters of the plugin call. To do this, a WS REST is available at the following URL (POST method):

<https://ws.colissimo.fr/widget-colissimo/rest/authenticate.rest>

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

The parameters are:

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

The Widget allows the partner to search for collection points by authenticating in several ways. All of these ways will result in the generation of a Token necessary for using the Widget.

- Call with login/password
- Call with apiKey alone

And in the case of use by delegation:

- Login/password call + third party code of the account (codTiersPourPartenaire)
- Call apiKey + third party code of the account (codTiersPourPartenaire)

The return form is:

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

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

For security reasons, it will not be possible to perform authentication on the front end, this must be done on the back end. Your account must also have the necessary rights to use the widget and retrieve the pick-up points. If you have an error when calling the widget and the pick-up points are not displayed, you should contact your customer service to upgrade your offer.

2.2.3 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 pick-up point markers, the pick-up point selection button and the banner to the left of the details of the selected pick-up point.
.couleur2	Colour of the filters at the top of the pick-up point list.

.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;
}
```

2.2.4 Input parameters

The input parameters are entered into a JSON structure.

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

Parameter	Type	Mandatory	Description	Management rule
ceCountryList	String	No	List of the ISO codes of the countries separated by " , "	MR1
ceCountry	2 characters	Yes	Country selected by default	MR2
ceLang	2 characters	No	For backwards compatibility	MR3
dyPreparationTime	Numeric with 2 characters maximum	No	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	URL of the Colissimo server: https://ws.colissimo.fr	
token	String	Yes	Token returned by authentication WS	

Parameter	Type	Mandatory	Description	Management rule
filterRelay	String	Non	Allows you to filter Shopping points de proximité	MR10
origin	String	Non	Allows you to identify the use case of the service	MR11

MR1: At least 1 country. The countries possible are those eligible 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
Czech Republic	CZ
Hungary	HU
Slovakia	SK
Slovenia	SI
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 that of the browser.

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.

MR9 The "point" parameter contains an object with information about the Pick-up Point selected:

```

{
  accesPersonneMobiliteReduite: false
  adresse1: "PLACE DE L HOTEL DE VILLE"
  adresse2: ""
  adresse3: ""
  codePays: "FR"
  codePostal: "75004"
  congesPartiel: false
  congesTotal: false
  coordGeolocalisationLatitude: "48.856199"
  coordGeolocalisationLongitude: "2.352868"
  distanceEnMetre: 441
  distributionSort: ""
  horairesOuvertureDimanche: " "
  horairesOuvertureJeudi: "10h00 - 19h00 "
  horairesOuvertureLundi: "10h00 - 19h00 "
  horairesOuvertureMardi: "10h00 - 19h00 "
  horairesOuvertureMercredi: "10h00 - 19h00 "
  horairesOuvertureSamedi: "10h00 - 13h00 "
  horairesOuvertureVendredi: "10h00 - 19h00 "
  identifiant: "757130"
  indiceDeLocalisation: ""
  langue: "FR"
  libellePays: "FRANCE"
  listeConges: Array []
  loanOfHandlingTool: false
  localite: "PARIS"
  lotAcheminement: ""
  nom: "BUREAU DE POSTE PARIS HOTEL DE VILLE BP"
  parking: false
  periodeActiviteHoraireDeb: "03/01"
  periodeActiviteHoraireFin: "25/01"
  poidsMaxi: 20000
  reseau: "R01"
  typeDePoint: "BPR"
  versionPlanTri: ""
}

```

MR10 : The filterRelay parameter takes one of the following numbers:

- 0 -> To obtain only the Post offices
- 1 -> To obtain all the points (Post offices, Pickup merchant relays, Pickup lockers, Pickme neighbor-Relays,...)
- 2 -> To obtain only the Pickup points
- 3 -> To obtain only the Pickup merchant relays
- 5 -> To obtain only the Post offices and Pickup merchant relays
- 10 -> To obtain all the points without the Pickup lockers
- 11 -> To obtain all the points without the Pickme neighbor-relays

MR11 : The origin parameter takes one of the following values depending on the use case:

- Empty → call with API
- 'CMS' → call with CMS
- 'WIDGET' → call with the WIDGET

2.2.5 Return of results

The validation of a Pick-up Point leads to a call to the javascript method entered as a parameter for the call back, a javascript object is returned containing all the information on the selected point.

2.2.6 Error codes

http errors:

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

Code	Description
0	Ok
10(deprecated)	ceCountryList parameter not specified or empty
11(deprecated)	At least 1 country code is not compliant
20(deprecated)	ceCountry parameter not specified or empty
30(deprecated)	ceLang parameter not valid
40(deprecated)	dyPreparationTime parameter not specified or empty
41(deprecated)	Format of the dyPreparationTime parameter not valid

3. CONTACT

LA POSTE - COLISSIMO HAS SET UP A SUPPORT TEAM TO HELP YOU WITH ANY QUERIES RELATED TO THE FOLLOWING:



Déclarer un incident, besoin de support technique

Ouvrez un ticket auprès du support technique en toute autonomie depuis l'outil en ligne
sur la Colissimo Box

— Ou —

0 241 742 088

Du lundi au vendredi (hors jours fériés) de 8h à 18h

- Aide au déploiement des solutions techniques au sein de votre entreprise
- Assistance en cas de dysfonctionnement ou de difficultés après intégration de la solution technique
- Accompagnement en cas de panne, d'anomalie ou d'incident sur les applications de votre espace client (l'Outil de Suivi Colis, ColiShip, Retour Colissimo)

Un numéro de dossier vous sera communiqué par le Support Solutions Client lorsque la demande sera prise en compte.