

How to integrate the
ShopDeliveryService



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PSD SERVICE IN A NUTSHELL

With the help of this service, it is possible to send a package directly to a collection point (ParcelShop), anywhere in the Czech Republic (or in Slovakia, Croatia, Hungary, Slovenia and Romania), and thus to get even closer to the needs and possibilities of your customers. For successful implementation of this service, it is necessary to know the unique designation (ID) of the selected ParcelShop. Then send this number as a parameter of the given service in the way you normally communicate with us. There are several ways to obtain such a number.

If you use your own system for printing labels, it is necessary to state the address of the ParcelShop instead of the actual address of the recipient. The name of the actual recipient is stated just as a contact person.

Since the information on the label and in the data always have be identical, the address of the ParcelShop is given both in the data and on the label.

CUSTOM SOLUTION

You can download the information about all collection points in an XML file and create this way your own solution. Using the link below, the list of our partners can be updated every day – to protect the server from overload, this update is only allowed to be performed once a day.

<https://datarequester.gls-hungary.com/glsconnect/getDropoffPoints.php?ctrcode=CZ&updated=2015-04-01T12:00:00>

A list of ParcelShops is available for the following countries: CZ, SK, HU, SI, RO, HR; and you can get them if you insert shortcuts of these countries into the variable “ctrcode”.

Substitute the date and time of the last update specified in the XML file for the variable “updated”. Enter this information in the following format:

YYYY-mm-ddTHH:ii:ss

where:

- yyyy – year
- mm - month in a two-digit format (09, 10,...)
- dd – day in a two-digit format
- T – a fixed character, do not insert anything
- HH – hours (in a 24-hour format)
- ii – minutes in a two-digit format
- ss – seconds in a two-digit format

USAGE OF GLS MAP WITH PARCELSHOPS

For the map please visit:

<https://ps-maps.gls-czech.cz>

possible aliases:

<https://maps.gls-czech.cz>

<https://mapa.gls-czech.cz>

You can add additional variables to the URL address affecting the appearance of the map or its behavior. Below you will find a list of them, including a detailed description.

INITIAL POSITION ON THE MAP

Variable: p

Sample URL address: <https://ps-maps.gls-czech.cz?p=průmyslová,jihlava>

Default value: *location passed by the browser / variable ctrcode / Czech Republic*

When initializing the map, the variable "p" searches for a specified address and zooms it in so that at least four nearest ParcelShops can be recognized on the map. This is, by the way, how a text box search works directly on the page. If the user authorizes the page with additional permissions and the browser manages to determine the user's position, it is automatically set as a default value. If the variable "p" is set, automatic position detection is ignored and the entered position will be displayed in the variable "p".

COUNTRY SELECTION FOR PARCELSHOPS

Variable: ctrcode

Sample URL address: <https://ps-maps.gls-czech.cz?ctrcode = SK>

Default value: CZ

You can use the "ctrcode" variable to display ParcelShops in a given country. It is not possible to view more than one country at a time. Available values are: CZ, SK, SI, HU, HR, RO.

LANGUAGE SELECTION

Variable: lng

Sample URL address: <https://ps-maps.gls-czech.cz?lng=en>

Default value: *the default language of the country selected in the ctrcode variable*

The language on the map can be modified with this variable. By default, the language of the selected country is set. We remind you that the default country is CZ.

Available values are: en, cs, sk

PARCELSHOP DISPLAY

Variable: sid

Sample URL address: <https://ps-maps.gls-czech.cz?sid = 58601-HERKLOVAHE>

Default value: null

Via the variable "sid", you can display the detail of the selected ParcelShop directly during the initialization of the map. The ParcelShop ID, which is to be displayed on the map immediately after its initialization, is passed as a value of this variable. If the variable "sid" is set, other position determinations are ignored (positions from the browser or via the variable "p").

BUTTON FOR SELECTING PARCELSHOP

Variable: find

Sample URL address: <https://ps-maps.gls-czech.cz?find=1>

Default value: 0

If you assign the value 1 to the variable "find", a selection button will be displayed in the ParcelShop detail window. This is necessary if you use the ParcelShop selection method via a link (see below).

MAP PAGE HEADER

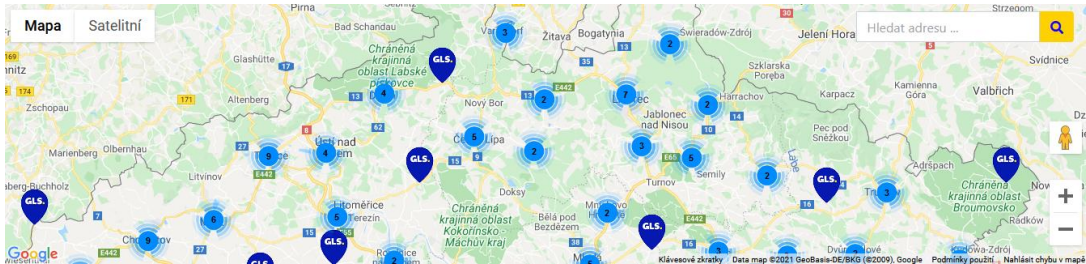
Variable: header

Sample URL address: <https://ps-maps.gls-czech.cz?header=1>

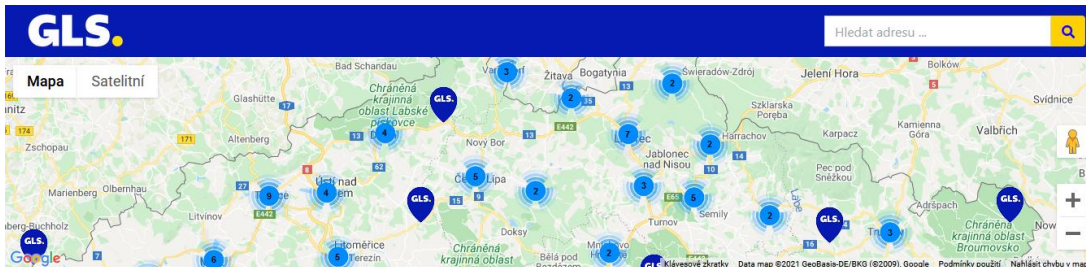
Default value: 1

The "header" variable allows you to choose what the page header will look like. It can take values:

- 0 - minimum display, the search box is displayed directly on the map, the logo is not displayed



- 1 - full display including logo and search box



ADDRESS FOR RETURNING THE SELECTED PARCELSHOP

Variable: returnUrl

Sample URL address: <https://ps-maps.gls-czech.cz?returnUrl=https://google.com>

Default value: null

If you use the ParcelShop selection via the link (see below). You can specify the address to which the data is to be returned. If this variable is not set, the data is returned to the page you came from. If you use data transfer via a link, we recommend that you ALWAYS set this value.

RETURN OF PASSED VALUES

Variable: encodeVar

Sample URL address: <https://ps-maps.gls-czech.cz?encodeVar=vaSeDaTa>

Default value: null

This variable can be entered the data you want to return together with information about the selected ParcelShop. It is strongly recommended to use some encoding of your data.

TYPE OF DETAIL OF THE SELECTED PARCELSHOP

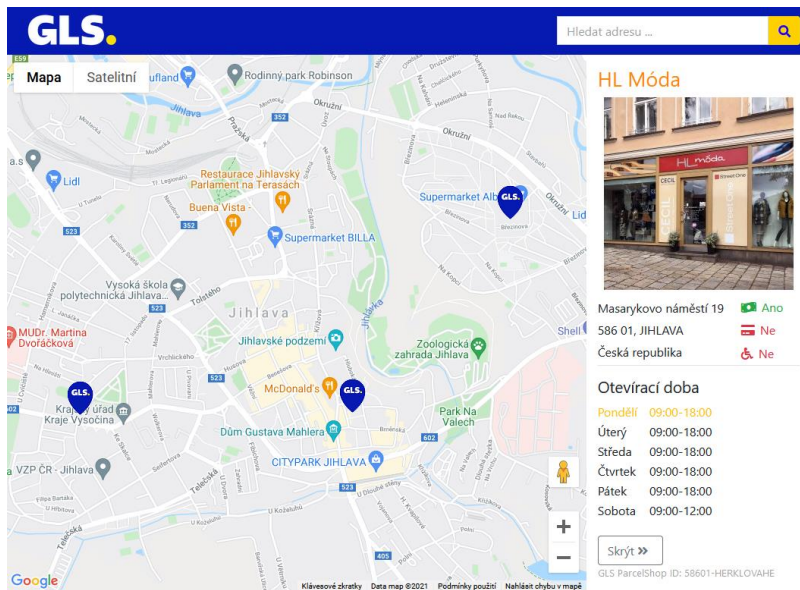
Variable: tdetail

Sample URL address: <https://ps-maps.gls-czech.cz?tdetail=1>

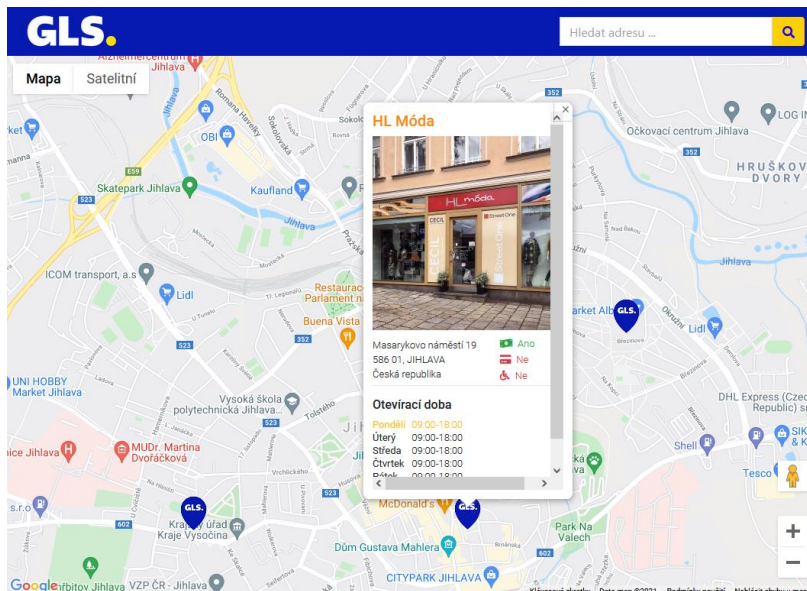
Default value: 2

Use the "tdetail" variable to select the appearance of the detail. After clicking on the selected ParcelShop, on the map, the detail with the address, payment options, opening hours, ... will be displayed. You can have three types of detail:

- 1 – detail on the right side in the whole height of the map



- 2 – the detail is in the form of an information window above the icon of the selected ParcelShop



- 3 - no detail is displayed; at the moment of selection, information is sent to the parent window; suitable for implementation via *iframe*

1. TRANSMISSION VIA LINK

On your website, place a button / link into your interface to enable the selection of a ParcelShop and have the information about the ParcelShop chosen by your customer directly on the well-designed map returned from this page. You can also pass your data to this interface (for example, in a completed form), and the interface will return it together with the information about the selected ParcelShop.

It is necessary to have the button on to confirm the selection of ParcelShop. Into the *encodeVar* variable, you will then insert your completed forms, which will be returned to the page from which you got to our map. We highly recommend having the URL filled in to which the data is returned – you will achieve better stability of your application this way.

We recommend having the link prepared at least in the following way:

<https://ps-maps.gls-czech.czfind=1&returnUrl=https://seznam.cz&encodeVar=vaseData>

When clicking on the ParcelShop selection button, you will be returned to the address in the *returnUrl* variable (if you do not fill it in, you will be returned to the url address which you came to the map from). The values in the *encodeVar* variable will be returned via the GET method, as well as the following values of the selected Parcelshop:

- id – ParcelShop identification number, necessary for ordering the service
- name – ParcelShop name
- address – address (street, land registry no.)
- city – city/town
- zipcode – postal zipcode

To order the service, you only need to know the ParcelShop ID. You can provide other information to the customer, for example in an email, SMS message, or in any other way you deem appropriate.

2. INSERT VIA IFRAME

If you want to offer customers our map directly in your e-shop. You can insert it there via *iframe*. The recommended *iframe* width is > 690px. Here there is a link you can use for your *iframe*:

<https://ps-maps.gls-czech.cztddetail=3&header=0>

After selecting PS, a message will be sent from the *iframe* to the parent window. You can see how to capture and process the message in an example in Chapter 7. The “*parcelshop*” object which consists of the “*detail*” and “*opentime*” objects will be returned.

If you use a different value of the *tdetail* variable and the page will be in an *iframe*, the message will be sent to the parent window only after clicking on the "Select ParcelShop" button. Such a link could then look something like this:

<https://ps-maps.gls-czech.cz?header=0&tdetail=2&find=1>

Attention, the variable "find" must have the value 1!

It consists of an object containing information about a ParcelShop and a field with objects containing opening hours on each weekday.

<i>detail</i>	The object contains details about the ParcelShop
<i>opentime</i>	The field contains seven objects that represent the opening hours on each weekday
<i>psFoto</i>	If a photo of the selected PS is available, the photo will be base64 encoded

OPENTIME FIELD

It contains seven objects representing the days of the week, and you can see the contents of the objects in the table below.

<i>day</i>	It contains the English name of the day of the week
<i>open</i>	Opening hours
<i>midbreak</i>	Break during opening hours

OBJECT DETAIL

<i>address</i>	ParcelShop address, including land registry (descriptive) number
<i>city</i>	City/Town
<i>contact</i>	Contact person of the ParcelShop
<i>ctrcode</i>	Country in the ISO-code format
<i>email</i>	ParcelShop contact email
<i>geolat</i>	Latitude
<i>geolng</i>	Longitude
<i>holidaystarts</i>	The holidays beginning
<i>holidayends</i>	The holidays end
<i>info</i>	Additional information about the ParcelShop
<i>iscodhandler</i>	It says whether it is possible to send a cash-on-delivery parcel to a ParcelShop
<i>isparcellocker</i>	It says whether it is ParcelShop (value "f") or ParcelLocker (value "t")
<i>name</i>	ParcelShop name
<i>paybybankcard</i>	It indicates whether card payment is possible
<i>pclshopid</i>	ParcelShop identification number
<i>phone</i>	Contact phone number to the ParcelShop
<i>vendor_url</i>	Internet address of the ParcelShop keeper
<i>wheelchairAccess</i>	Indicates whether this is a ParcelShop with barrier-free access
<i>zipcode</i>	Zip/Postal Code

HOW TO TRANSFER THE SERVICE TO OUR SYSTEMS

You always need to know ID of the ParcelShop where you or your customer want to send the parcel. If you have any questions, you can contact our IT department at it@glz-czech.com.

1. XML FILE

```
<Services>
  <Service Code="PSD">
    <Info>
      <ServiceInfo InfoType="INFO" InfoData="26711-GLSCZ_DEP047" />
    </Info>
  </Service>
</Services>
```

2. IMPORT TO GLS ONLINE / MYGLS / CONNECT VIA CSV FILE

In the column where you import services, enter the following text:

```
PSD(26711-GLSCZ_DEP047)
```

Where "26711-GLSCZ_DEP047" is the selected ParcelShop ID. The link to download a sample csv file can be found [here](#).

The PSD service cannot be combined with other services, such as FDS (FlexDeliveryService) or FSS (FlexDeliveryService – SMS). These services are not compatible with each other, and the application would display an error message when importing.

3. USAGE IN API

For API, always follow the current documentation available to you. But even here, it applies that the selected ParcelShop ID is entered as a service parameter. You can download the latest MyGLS API documentation [here](#).

4. IMPORT TO E-BALIK

If you use our B2B portal e-Balik. It is possible to import consignments into ParcelShop by entering the id of the selected ParcelShop in column number eighteen (ParcelShopDeliver service).

```
26711-GLSCZ_DEP047
```

IMPLEMENTATION EXAMPLES

EMBEDDING THE MAP ON THE PAGE USING IFRAME

```

<!doctype html>
<html lang="cs">
  <header>
    <meta charset="utf-8" />
    <title>GLS ParcelShops - test</title>
    <script>
      window.addEventListener('message', function(event) {
        var ps = event.data.parcelshop;

        document.getElementById("name").innerHTML = ps.detail.name;
        document.getElementById("street").innerHTML = ps.detail.address;
        document.getElementById("country").innerHTML = ps.detail.ctrcode;
        document.getElementById("psID").innerHTML = ps.detail.pclshopid;
        document.getElementById("zipAndCity").innerHTML =
          ps.detail.zipcode + ", " + ps.detail.city;

      });
    </script>
  </header>
  <body>
    <iframe src=https://ps-maps.gls-czech.cz?tdetail=3&header=0 width="100%"
      height="500">
    </iframe>
    <div>
      <h1 id="name"></h1>
      <address>
        <div id="street"></div>
        <div id="zipAndCity"></div>
        <div id="country"></div>
      </address>
      <h6 id="psID"></h6>
    </div>
  </body>
</html>

```

GETTING PARCELSHOP INFORMATION BEFORE THE LINK

```

<!doctype html>
<html lang="cs">
  <header>
    <meta charset="utf-8" />
    <title>GLS ParcelShops - test</title>
    <script>
      document.addEventListener("DOMContentLoaded", function(event) {
        if (typeof GetURLParameter("id") !== 'undefined') {
          var myForm = decodeData(GetURLParameter("encodeVar"));
          document.getElementById("formName").value = myForm.name;
          document.getElementById("formAddress").value = myForm.address;

          document.getElementById("name").innerHTML = GetURLParameter("name");
          document.getElementById("street").innerHTML = GetURLParameter("address");
          document.getElementById("zipAndCity").innerHTML = GetURLParameter("zipcode")
            + ", " + GetURLParameter("city");
          document.getElementById("country").innerHTML = "CZ";
          document.getElementById("psID").innerHTML = GetURLParameter("id");
        }
      });
    </script>
  </header>
  <body>
    <div>
      <h1 id="name"></h1>
      <address>
        <div id="street"></div>
        <div id="zipAndCity"></div>
        <div id="country"></div>
      </address>
      <h6 id="psID"></h6>
    </div>
  </body>
</html>

```

```
function FindPS() {
    var myForm = {
        name: document.getElementById("formName").value,
        address: document.getElementById("formAddress").value
    };

    window.location.href = "https://ps-maps.gls-
czech.cz?find=1&returnUrl=http://yourpage.com/&encodeVar=" + encodeData(myForm);
}

function encodeData(object) {
    var jsonString = JSON.stringify(object);
    var base64EncodedStr = btoa(unescape(encodeURIComponent(jsonString)));

    return base64EncodedStr;
}

function decodeData(encodedString) {
    var jsonString = atob(encodedString);
    var object = JSON.parse(jsonString);

    return object;
}

function GetURLParameter(sParam) {
    var sPageURL = decodeURIComponent(window.location.search.substring(1));
    var sURLVariables = sPageURL.split('&');

    for( var i = 0; i < sURLVariables.length; i++ ) {
        var sParameterName = sURLVariables[i].split( '=' );
        if(sParameterName[0] == sParam) {
            return sParameterName[1];
        }
    }
}
</script>
</header>
<body>
<form>
    <label for="name">Jmeno</label><input id="formName" type="text" />
    <label for="address">Adresa</label><input id="formAddress" type="text">
</form>
<button id="selectPS" onclick="FindPS()">Vybrat ParcelShop</button>
<div>
    <h1 id="name"></h1>
    <address>
        <div id="street"></div>
        <div id="zipAndCity"></div>
        <div id="country"></div>
    </address>
    <h6 id="psID"></h6>
</div>
</body>
</html>
```