

# External services integration

This page contains informations and instructions on how to get data from AMPER for use in external services (like e-commerce site).

- [Example external e-commerce shop integration](#)

# Example external e-commerce shop integration

[Example project - generating CENEO.PL XML file](#)

## **Prerequisites**

1. AMPER API KEY
2. AMPER web service URL

To get those, please, contact with IT support of company you want to integrate with.

## Example request

### **C#**

```
var client = new
RestClient("https://{amper_ws_url}/external/v1/products/?api_key={amper_api_key}");
client.Timeout = -1;
var request = new RestRequest(Method.GET);
IRestResponse response = client.Execute(request);
Console.WriteLine(response.Content);
```

### **NodeJS**

```
var request = require('request');
var options = {
  'method': 'GET',
  'url': 'http://{amper_ws_url}/external/v1/products/?api_key={amper_api_key}',
};
request(options, function (error, response) {
  if (error) throw new Error(error);
  console.log(response.body);
});
```

### **PHP CURL**

```
$curl = curl_init();

curl_setopt_array($curl, array(
    CURLOPT_URL => 'http://{amper_ws_url}/external/v1/products/?api_key={amper_api_key}',
    CURLOPT_RETURNTRANSFER => true,
    CURLOPT_ENCODING => '',
    CURLOPT_MAXREDIRS => 10,
    CURLOPT_TIMEOUT => 0,
    CURLOPT_FOLLOWLOCATION => true,
    CURLOPT_HTTP_VERSION => CURL_HTTP_VERSION_1_1,
    CURLOPT_CUSTOMREQUEST => 'GET',
));

$response = curl_exec($curl);

curl_close($curl);
echo $response;
```

## Python

```
import requests

url = "http://{amper_ws_url}/external/v1/products/?api_key={amper_api_key}"

payload={}
headers = {}

response = requests.request("GET", url, headers=headers, data=payload)

print(response.text)
```

“ replace `"amper_ws_url"` and `"amper_api_key"` with your data

## Response

As a response you will get JSON. Example response with list of products

```
[
  {
    "id": 1037,
    "name": "BAHAMA zapach samochodowy NASZYJNIK Wild Hibiskus /1szt",
    "short_code": "850267",
    "description": "Zapachy inspirowane wakacjami oraz trendami konsumenckimi. Bahama & Co. to nie tylko akcesoria do samochodu, ale również atrakcyjne gadżety, stanowiące element dekoracyjny.",
    "ean": "978020137962",
    "sku": "850267",
    "vat": 23,
    "default_unit_of_measure": "szt.",
    "weight": "0.20",
    "default_price": "25.43"
  },
  {
    "id": 1034,
    "name": "VORTEX TKANINA wielofunkcyjna z mikrofibry /1szt",
    "short_code": "623765",
    "description": "Uniwersalne zastosowanie",
    "ean": "978020137962",
    "sku": "623765",
    "vat": 23,
    "default_unit_of_measure": "op.",
    "weight": "0.38",
    "default_price": "31.52"
  },
  {
    "id": 951,
    "name": "CALIFORNIA zapach samochodowy SCENT CONTROL Ice /1szt",
    "short_code": "851233",
    "description": "Papierowe zawieszki zapachowe: \nInnowacyjna technologia dostosowania intensywności zapachu – wystarczy odpowiednio ustawić zawieszkę. \nPapier pokryty zapachowymi olejkami.\nW zestawie sznurek umożliwiający wygodne zawieszanie zapachu. \nDostępne zapachy: Coronado cherry; Ice; New Car; Sea Breeze",
    "ean": "978020137962",
    "sku": "851233",
    "vat": 23,
    "default_unit_of_measure": "szt.",
```

```
    "weight": "0.33",
    "default_price": "18.38"
  },
]
```

## Available methods

Here is a list of available methods. **HTTP** method that is allowed: **GET**

## Products

With this method you can get list of products.

### Methods

URL	HTTP allowed method	Description
<code>/external/v1/products/</code>	<i>GET</i>	get list of products
<code>/external/v1/products/{id}/</code>	<i>GET</i>	get product by ID

## Categories

With this method you can get list of categories.

### Methods

URL	HTTP allowed method	Description
<code>/external/v1/categories/</code>	<i>GET</i>	get list of categories
<code>/external/v1/categories/{id}/</code>	<i>GET</i>	get category by ID

## Relation between Product and Categories

This method returns all bindings of product to categories

### Methods

URL	HTTP allowed method	Description
<a href="#">/external/v1/product-categories/</a>	GET	list of relations between product and category

## Product files

This method returns all files attached to product

URL	HTTP allowed method	Description
<a href="#">/external/v1/product-files/</a>	GET	list of files

## Stocks

This method returns product's stocks

URL	HTTP allowed method	Description
<a href="#">/external/v1/stocks/</a>	GET	list of stocks

## Promotions

This method returns list of promotions

URL	HTTP allowed method	Description
<a href="#">/external/v1/promotions/</a>	GET	list of promotions