

API SPECIFICATIONS

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1. AUTHENTICATION

Authenticate the user with the system and obtain an one-time usable auth_token

REQUEST

Method	URL
POST	upon request

Type	Params	Values
POST	api_key	string
POST	username	string
POST	password	string

api_key

api_key must be sent with all client requests. The api_key helps the server to validate the request source.

RESPONSE

Status	Response
200	<pre>{"auth_token": <auth_token>}</pre> <p>auth_token (string) – unique token, usable for a single postcard order and valid for 24 hours.</p>

Status	Response
403	<code>{"error": "API key is missing."}</code>
401	<code>{"error": "Invalid API key."}</code>
401	<code>{"error": "Incorrect username or password."}</code>
500	<code>{"error": "Something went wrong. Please try again later."}</code>

2. PLACE ORDER

Place a binding order in the MyPostcard System

REQUEST

Method	URL
POST	upon request

Type	Params	Values
POST	api_key	string
POST	auth_token	string
POST	product_code	string
POST	image_type	string
POST	job_data	string
POST	job_option	string [optional]
POST	email	string [optional]
POST	notification	int [optional] [0 1]
POST	lang	string [optional]
POST	photo	file

auth_key

The `auth_token` that was given in response to `/api/auth`

product_code

The code of the ordered product.

Postcard: J9GCU

image_type

The type of the uploaded photo. (jpg or png)

job_data

JSON encoded Array containing all job specific information (see appendix 1 for details)

job_option

Code of ordered Product Option

XXL: x6Ai7

Envelope: t6Ja0

email

E-Mail address of the customer which can be used for support enquiries and Order/Postage Confirmation if set

notification

Set to 1 if the client should receive order & postage confirmation emails (MyPostcard branding)

lang

2 digit language code used to define the language of the order confirmation if activated. Currently supported de, en, es, nl, fr, pt, it, sv

photo

The photo to be used for the Front of the Postcard. Dimensions: 1748 x 1240 Pixel

RESPONSE

Status	Response
201	Response will be an JSON object containing the status and the internal Job ID. <pre>{ "success": true, "job_id": 1716871 }</pre>
400	<pre>{"error": "image_type not supported."}</pre>
400	<pre>{"error": "image_type does not seem to match submitted photo."}</pre>
400	<pre>{"error": "job_data incomplete or badly formatted."}</pre>
400	<pre>{"error": "adress data incomplete or badly formatted."}</pre>
400	<pre>{"error": "product_code invalid or not supported."}</pre>
400	<pre>{"error": "job_option invalid or not supported."}</pre>
500	<pre>{"error": "photo upload failed."}</pre>
500	<pre>{"error": "job creation failed."}</pre>
500	<pre>{"error": "job processing failed."}</pre>
401	<pre>{"error": "Invalid or expired Auth Token."}</pre>
401	<pre>{"error": "Invalid API key."}</pre>
403	<pre>{"error": "API key is missing."}</pre>
500	<pre>{"error": "Something went wrong. Please try again later."}</pre>

3. REQUEST ORDERS

Get a list of orders placed in given date frame.

REQUEST

Method	URL
POST	upon request

Type	Params	Values
POST	api_key	string
POST	username	string
POST	password	string
POST	date_from	date
POST	date_to	date

date_from

The starting date of the time frame you want to retrieve orders from. (Format: YYYY-MM-DD)

date_to

The end date of the time frame you want to retrieve orders from. (Format: YYYY-MM-DD)

RESPONSE

Status	Response
200	<p>Response will be an object containing the list of orders in the given date frame (array). An example response is:</p> <pre>{ "orders": [{ "job_id": 1716871, "order_date": "2017-05-28 12:54:32", "status": "success" }], "total_orders":1, "date_from": "2017-05-20", "date_to": "2017-05-28", }</pre>
400	<pre>{"error":"date_from missing or badly formatted."}</pre>
400	<pre>{"error":"date_to missing or badly formatted."}</pre>
409	<pre>{"error":"date_from can not be after date_to."}</pre>
401	<pre>{"error":"Invalid API key."}</pre>
403	<pre>{"error":"API key is missing."}</pre>
401	<pre>{"error":"Incorrect username or password."}</pre>
500	<pre>{"error":"Something went wrong. Please try again later."}</pre>

GLOSSARY

CONVENTIONS

- Client - Client application.
- Status - HTTP status code of response.
- All the possible responses are listed under 'Responses' for each method. Only one of them is issued per request.
- All responses are in JSON format.
- All request parameters are mandatory unless explicitly marked as [optional]

STATUS CODES

All status codes are standard HTTP status codes. The below ones are used in this API.

2XX - Success of some kind

4XX - Error occurred in client's part

5XX - Error occurred in server's part

Status code	Description
200	OK
201	Created
400	Bad request
401	Authentication failure
403	Forbidden
409	Conflict
500	Internal server Error
503	Service Unavalible

APPENDIX 1

STRING JOB_DATA

Sample Code

```
{
  "job_details":
  {
    "fontName": "StoneHandwriting",
    "framecolor": "white",
    "text": "This is the Text which will be printed on
the backside of the Postcard. It can hold up to 450
characters."
  },
  "recipients": [
    {
      "recipientName": "MyPostcard.com Inc.",
      "addressLine1": "433 Broadway",
      "addressLine2": "2th Floor",
      "city": "New York",
      "state": "NY",
      "zip": "10013",
      "country": "United States",
      "countryiso": "US"
    }
  ]
}
```

job_details – fontName [optional] [StoneHandwriting]

The font to be used for the postcard text (font variations are subject to previous agreement)

job_details – framecolor [optional] [clearframe]

The colour used on the far edges of the uploaded photo.
Options are: white / black / clearframe (i.e. for full-size image)

job_details – text

The text printed on the backside of the Postcard. Max. 450 Characters

Recipients - recipientName

Name of the recipient

Recipients – addressLine1

First line of the recipient address

Recipients – addressLine2 [optional]

Second line of the recipient address

Recipients - city

City of the recipient

Recipients – state [optional for non-us | non-uk addresses]

Zip code of the recipient

Recipients - zip

Zip code of the recipient

Recipients - country

Country of the recipient

Recipients - countryiso

Code of the Recipient Country as „ISO ALPHA-2 Code“