

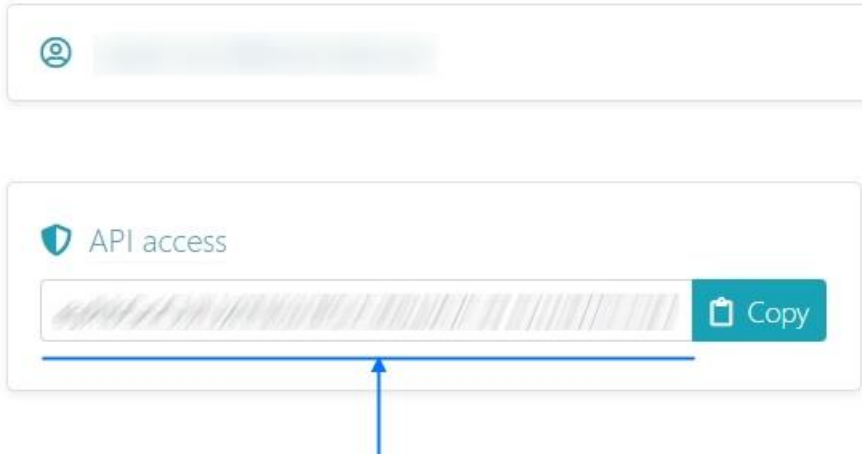
SMS.SKI Quick Integration Blueprint

Version: 1.1 (last edited at 15.07.19)

The guide that you have started reading is promising to be pretty straightforward and helpful to pass you through the whole integration process very quickly. Anyhow, you can contact us [via Telegram](#) if you think it necessary. The interaction scheme with our service via API endpoints is extremely friendly and useful. You just have to come and try it out yourself 😊

1. Foreword

First of all, you have to obtain your personal **access token** (JWT) that belongs to your account within our system. This is the only one requirement in order to call our API endpoints that's are listed below (after the foreword section of the guide).

A screenshot of a web interface. At the top, there's a blurred header area. Below it, a box labeled 'API access' contains a long, randomly generated string of characters. To the right of this string is a teal button with a clipboard icon and the word 'Copy'. A blue arrow points from the bottom of the 'API access' box towards the 'Authorization' header example below.

You can take the **access token** that we've created for your account in the [control panel](#) just right after the signing in. No additional actions needed. That access token will be valid for the one year starting with the date of signup.

You must include the **Authorization** request header (with a **Bearer** scheme, see [RFC 6750](#)) containing the **access token** with *every call* to our API.

Example:

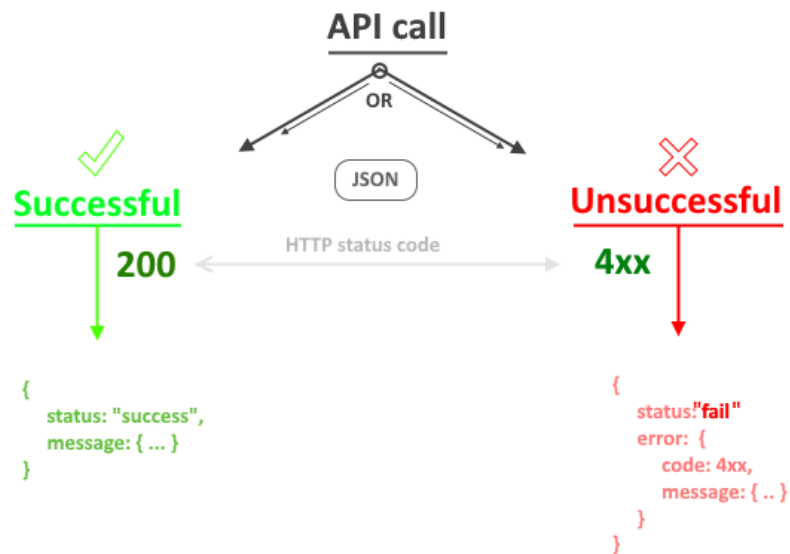
Authorization: Bearer (your access token lives here **without** extra parentheses)

```
GET /api/v1/receive/balance HTTP/1.1
Authorization: Bearer [token]
Host: sms.ski
```

You should persist authorization header containing the access token for among all of your API calls.

Unauthorized API calls **will fail** and result in **401 Unauthorized error**.

Base address: sms.ski, scheme: HTTPS



2. Get the balance

GET /api/v1/receive/balance

The response status code is **always** **successful** without any exceptions.

That endpoint will return the actual balance value of the user account associated with the specified JWT token which you'll include in the *Authorization* header. The actuality of the return value **is tied to the time of request**. Please, configure your software to fetch the balance properly in case of the work related to the concurrency of tasks.

The **message object** in response entity will contain the *decimal representation* of your current balance.

```
Pretty  Raw  Preview  JSON  [icon]
1 {
2   "status": "success",
3   "message": 389.5
4 }
```

3. Get the service list

GET /api/v1/**receive**/services

The response status code is **always** **successful** *without* any exceptions.


The **message object** in response entity will contain the array of following “Service Countries” (1) object:

1. “Service Countries” object JSON representation:

```
{
  identifier (field): service identifier, string
  countries (field): service countries, the array of “Service Country Price” (2) object
}
```

2. “Service Country Price” object JSON representation:

```
{
  country_code (field): ISO3166-1 Alpha-2 country code, string, 2 letters (fixed)
  price (field): service country price, decimal value
}
```

Pretty Raw Preview JSON 

```
1 {
2   "status": "success",
3   "message": [
4     {
5       "identifier": "facebook",
6       "countries": [
7         {
8           "country_code": "dz",
9           "price": 10
10        },
11        {
12          "country_code": "vn",
13          "price": 10
14        },
15        {
16          "country_code": "ua",
17          "price": 6
18        },
19        {
20          "country_code": "pk",
21          "price": 10
22        }
23      ]
24    }
25  ]
26 }
```

4. Get the service countries

GET /api/v1/**receive**/service/{service_identifier^{*}}/countries

The response status code is **always** **successful** *without* any exceptions.

- {service_identifier} – a path segment parameter representing the service identifier;

The **message object** in response entity will contain the array of following “Service Country Price” (1) object:

1. “Service Country Price” object JSON representation:

```
{  
  country_code (field): ISO3166-1 Alpha-2 country code, string, 2 letters (fixed)  
  price (field): service country price, decimal value  
}
```

Pretty Raw Preview JSON ↕

```
1 {  
2   "status": "success",  
3   "message": [  
4     {  
5       "country_code": "lk",  
6       "price": 9  
7     },  
8     {  
9       "country_code": "be",  
10      "price": 9  
11    },  
12    {  
13      "country_code": "us",  
14      "price": 9  
15    },  
16    {  
17      "country_code": "es",  
18      "price": 9  
19    },  
20    {  
21      "country_code": "ma",  
22      "price": 9  
23    }  
24  ]  
25 }
```

5. Get the phone number

GET /api/v1/[receive](#)/phone/{ISO3166-1_alpha-2_country_code*}/{service_identifier*}/

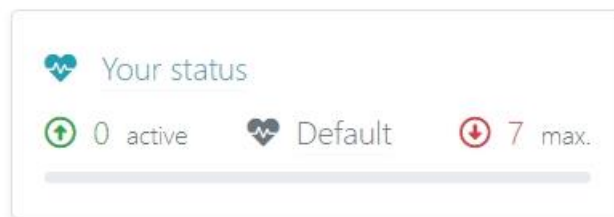
- {ISO3166-1_alpha-2_country_code} – a path segment parameter representing the ISO-3166-1 Alpha-2 country code, *two letters, fixed*;
- {service_identifier} – a path segment parameter representing the service identifier;

The response status code is only **successful** when:

- the phone numbers are **available** for the specified country at the moment of request initiation;
- the requesting service is **available** and **enabled** on our side*;
- the requesting country is **available** and **enabled** on our side*;

* You can contact us anytime [via Telegram](#) or website online chat widget if you need specific service or country.

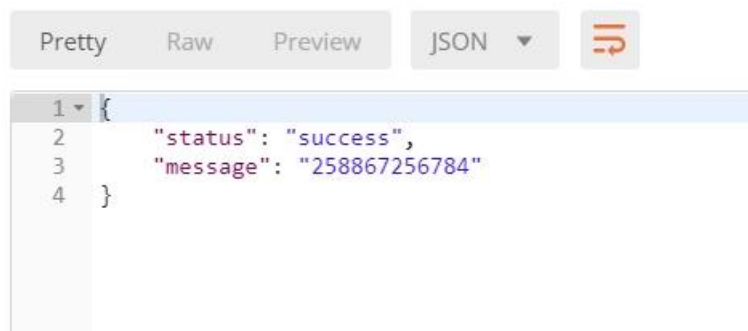
1. **success** – the phone number is **available** and ready to be used; the **message object** represents the phone number as string;
2. **fail** – something went wrong, please check the corresponding error code with the message to identify the issue;
 - **429** – you have reached the limit (of the maximum available tasks that can work at parallel) of your status. Increase the limit to the value that fit your needs by contacting our support via Telegram.



- **409** – not enough balance to start the task; Please, contact us in order to recharge your account or use the refill codes;
- **406** – no phone numbers are available at the moment of request initiation; Please, configure your software to repeat that call after a short reasonable delay; Or feel free to contact our support if you think it necessary;
- **400** – internal error on our side that may occur when our sim banks are experiencing various troubles;

Please note that tasks are active for only **six minutes** from the moment of initiation. You can cancel it only after **30 seconds**. It's a measure to protect our system from phone number busting because such activity is not permitted and you will put yourself to the risk of account termination without any refund.

The **message object** in response entity will contain the requested phone number.



6. Get the code

GET /api/v1/**receive**/code/{phone_number*}

- {phone_number} – a path segment parameter representing the phone number that's been previously requested via endpoint that's described above;

The response status code is only **successful** on the verification code arrival.

Please, take a look at other cases that you should handle on your software side:

1. **success** – verification code *has arrived* and ready to be used on your side against the target service;
2. **fail** – verification code didn't arrive yet or an error occurred. Let's classify the issue by the error code:
 - **404** – verification code didn't arrive yet. Please, configure your software to try again not sooner than after **5 seconds**. It's extremely important as **you cannot speed up receival process by spamming that endpoint** because such actions are only making the pressure to our servers and puts you in the risk of catching account termination without any further refund;
 - **406** – cannot find the active task with specified phone number. The reasons can be the following:
 1. The task with specified phone number could be already cancelled on your side (or on our side due to expiration time of each started and unsuccessful task where code didn't arrive) or just successfully finished;
 2. You are doing something wrong and you'd better to contact our support immediately ☹️;
 - **400** – internal error on our side that may occur when our sim banks are experiencing various troubles;

The **message object** in response entity will contain the verification code.

```
Pretty  Raw  Preview  JSON  ⌵  ⌵
1 {
2   "status": "success",
3   "message": "953620"
4 }
```

7. Cancel receipt

GET /api/v1/**receive/cancel**/{phone_number*}

- {phone_number} – a path segment parameter representing the phone number that's been previously requested via endpoint that's described above;

The response status code is only **successful** when the verification code **didn't arrive yet** and **only** after **30 seconds** after task initiation;

Please, take a look at other cases that you should handle on your software side:

1. **success** – the task has been successfully cancelled;
 2. **fail** – the task is just started (your software has to wait 30 seconds before another attempt of task cancellation) or the verification code **has arrived** and you should **force** your software to fetch the verification code by using the specific endpoint that's described above;
- **404** – the verification code has arrived and your software should fetch the code by using specific endpoint that's been described above;
 - **406** – cannot find the active task with specified phone number or you are trying to cancel the task sooner than 30 seconds right after initiation.
 - **400** – internal error on our side that may occur when our sim banks are experiencing various troubles;

The **message object** in response entity will contain the message about successful task termination.

```
Pretty  Raw  Preview  JSON  ⌵  ⌵
1  {
2    "status": "success",
3    "message": "The task was successfully cancelled."
4  }
```