

# Healthcare

## Authenticator

Identity Verification [API](#)

October, 2023

## Agenda

### General information

- [Introduction](#)
- [Access to the online documentation and swaggers](#)
- [Identity Verification API endpoints](#)

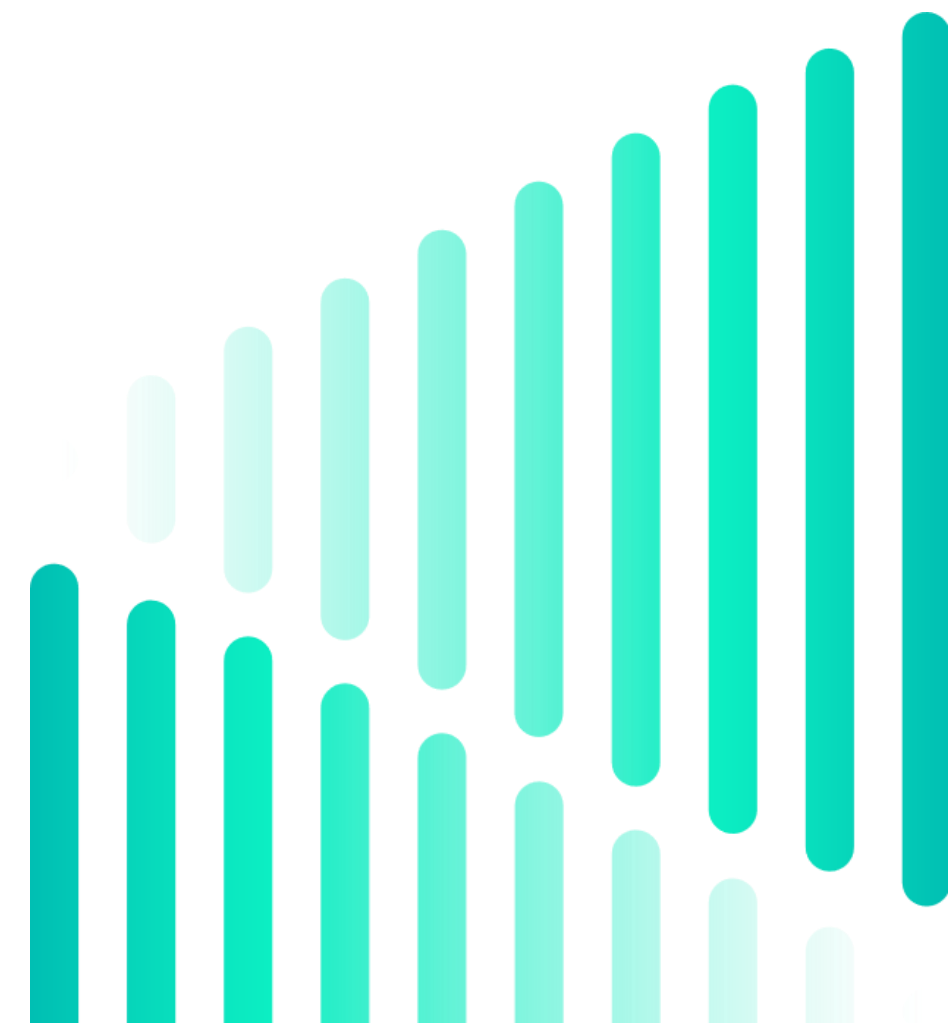
### Get a free trial subscription key

### API knowledge

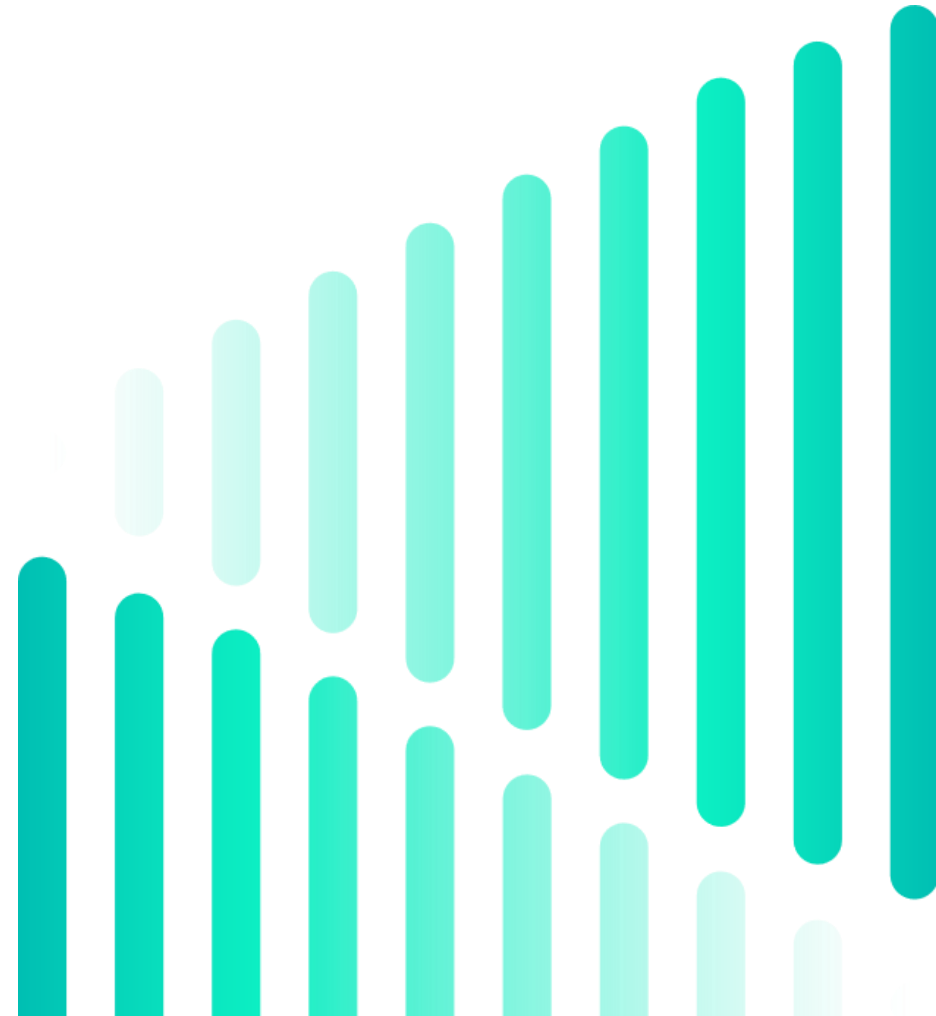
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# General information



# Introduction

**Prerequisite:** You have already an Authentication solution and want to verify the identity of yours users.

The HealthCare Authenticator Identity Verification API is an API that is used to verify the identity of users who try to sign-up on a web portal or on a mobile application dedicated to HealthCare Professionals (HCPs).

This API provides the REST endpoints to request an automatic and manual user matching. The approach is to use input parameters to search all possible matches in our OneKey database until we find a unique individual.

## Security:

- This API must be used with a valid subscription key needed in the request. See slide [Get a free trial subscription key](#)
- For GET requests, the key must be sent as a query parameter “subscription-key”
- For all requests but GET requests, the key must be sent as a header’s parameter “ocp-apim-subscription-key” with the subscription key and host’s name: <https://api.healthcaresdks.com/api/hca/>.

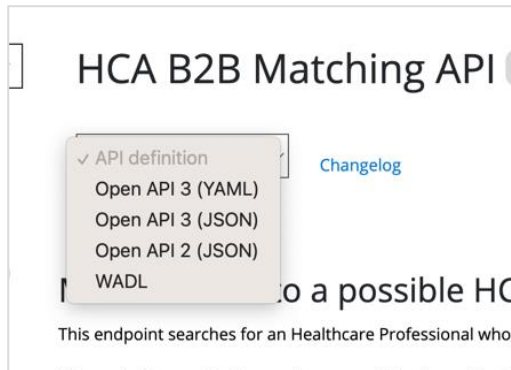
# Access to the online documentation and swaggers

Use this [link](#) to access the Identity Verification API documentation to start testing the API.

The name of the API to use is HCA B2B Matching API – 230328.

From the link, you will be able to download the swagger:

- Click on API definition (see screenshot below)
- Select your preferred format from the dropdown list
- The file will be automatically downloaded on your computer



# Identity Verification API endpoints

The Identity Verification API has 3 endpoints:

## 1. GET – Match a User to a possible HCP in OneKey Database

This endpoint searches for an Healthcare Professional who matches the input parameters.

## 2. GET - Retrieve result of an existing request

Retrieve the result of a matching request. This endpoint can be used to retrieve the result of an automatic or manual identity verification / match request.

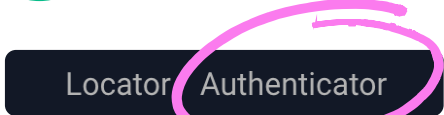
## 3. POST - Retrieve result of existing requests

Retrieve the result of many matching request. This endpoint can be used to retrieve the result of automatic and manual identity verification / match requests.

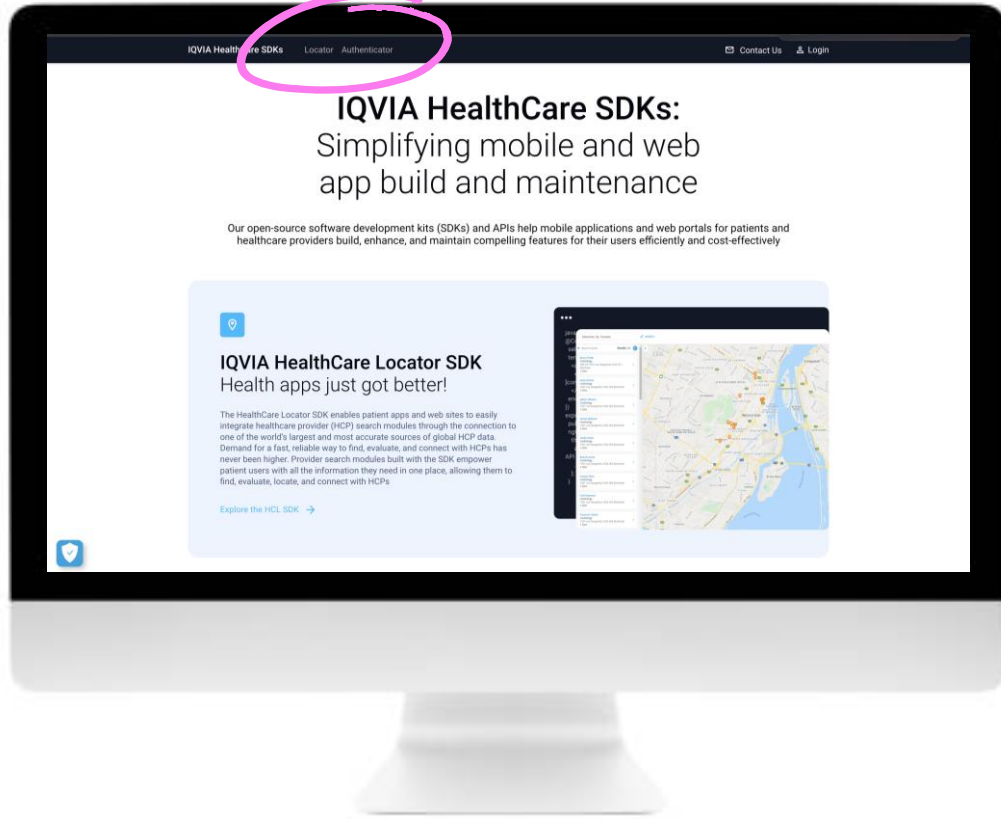
**Get a free trial  
subscription key**

# Get a free trial subscription key

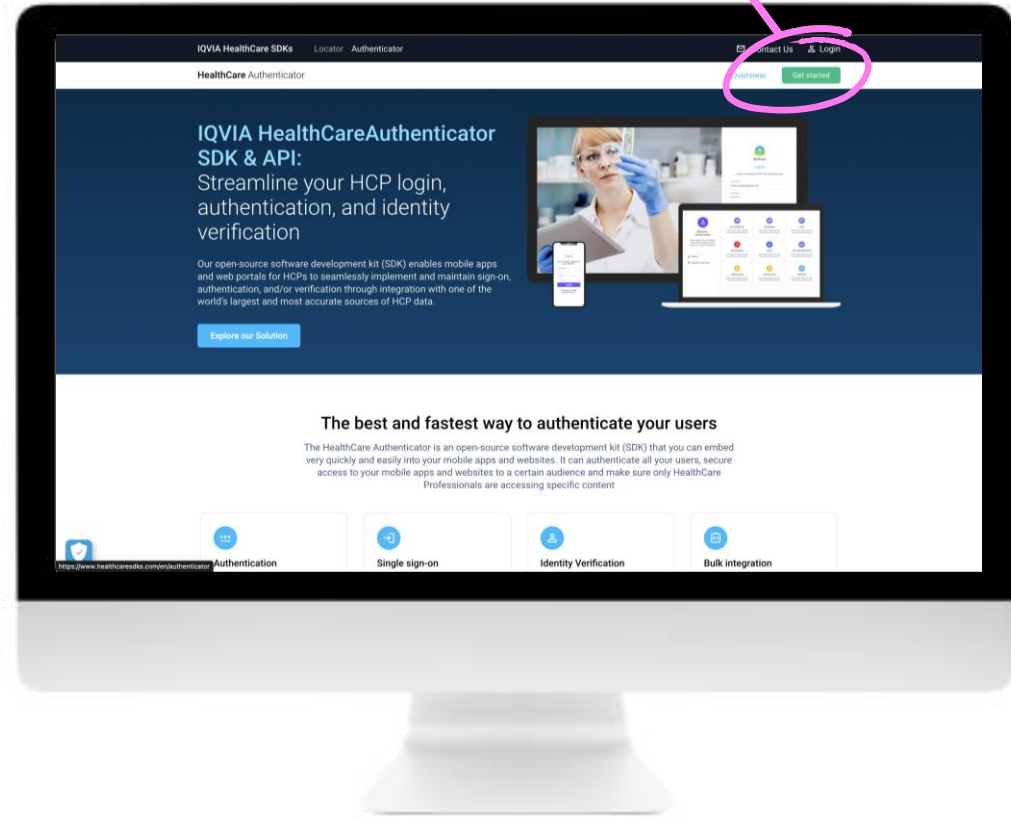
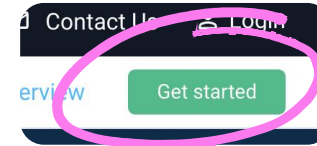
1 Go to <https://www.healthcaresdks.com>



2 Click on Authenticator in the main menu

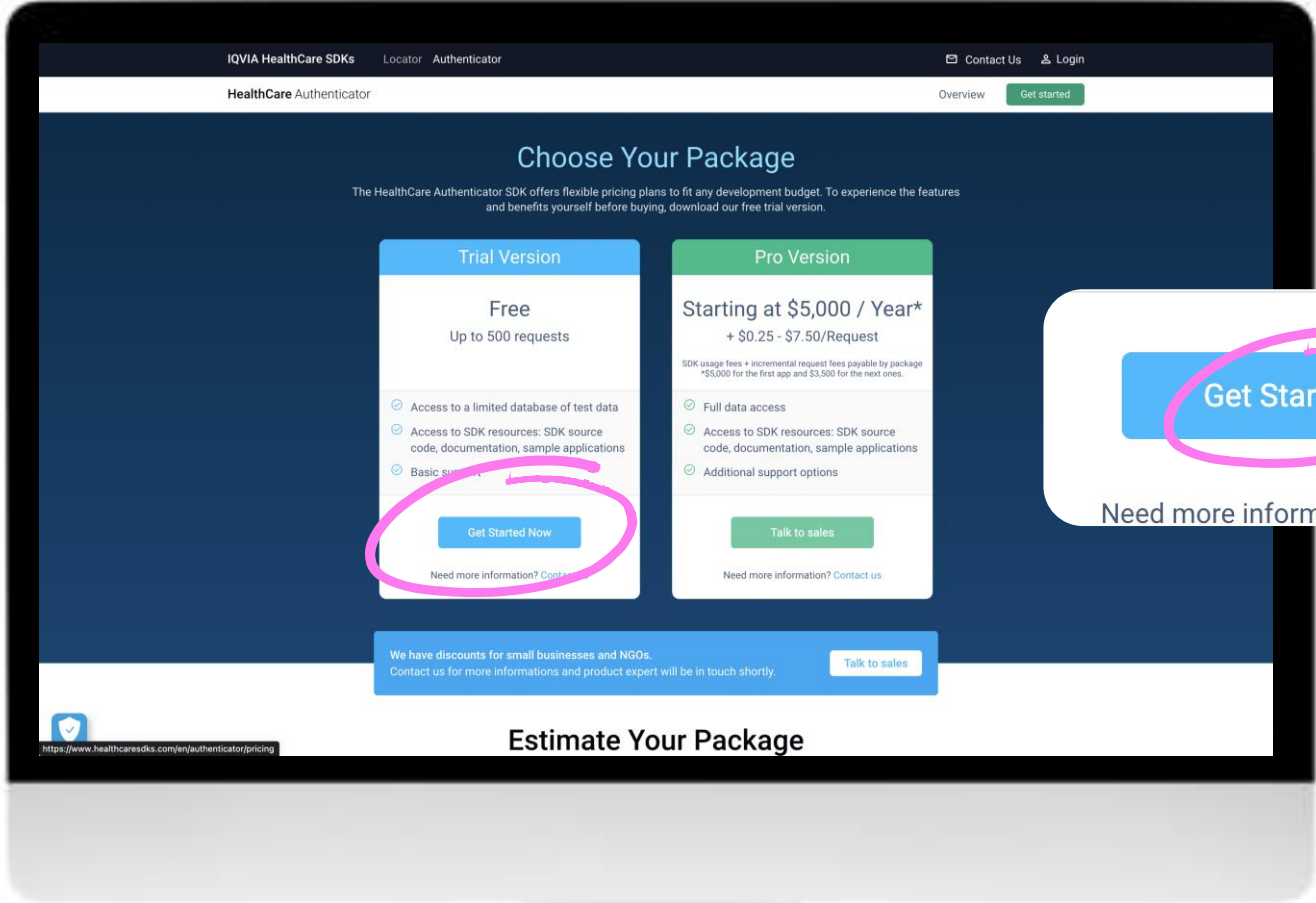


3 Click on Get started





# Get a free trial subscription key



Get Started Now

Need more information? [Contact us](#)

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Click on Get started now

# Get a free trial subscription key

## IQVIA HealthCare SDKs

### Sign Up

Enter your information below to set up a new account and get started with The HealthCare Locator SDK

Business email\*

ocadou@yopmail.com

5

Receive verification code

First name\*

Last name\*

Password\*

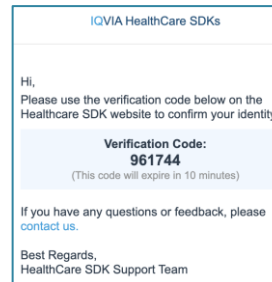
Confirm password\*

5

Enter your email address and click on Receive verification code



Check your mailbox and get the verification code



6

Enter the code and click on Verify code.

## IQVIA HealthCare SDKs

### Sign Up

Enter your information below to set up a new account and get started with The HealthCare Locator SDK

Business email\*

ocadou3@yopmail.com

Verification code\*

748128

6

Haven't received an email? Please check your spam folder to make sure it's not in there or click on the button below to receive a new code.

Verify code

Receive new code

# Get a free trial subscription key

**IQVIA HealthCare SDKs**

## Sign Up

Enter your information below to set up a new account and get started with The HealthCare Locator SDK

Business email\*  
ocadou5@yopmail.com

First name\*  
OLIVIER

Last name\*  
CADOU

Password\*  
\*\*\*\*\*

Confirm password\*  
\*\*\*\*\*

\* Mandatory fields

I accept [Terms of Use](#) of the site

**Create Account**

Already have an account? [Log In](#)

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Fill the form and create your account on <https://www.healthcaresdks.com>

8

Fill the form, choose your countries and Activate your free trial.

7

**IQVIA HealthCare SDKs**

## Start your Healthcare Authenticator free trial

Before you start your free trial, please fill out all the necessary information.

Company Name\*  
TEST5\_2022

Application/Website name\*  
TEST5\_2022\_WS

Application URL\*  
http://www.test5.com

\* Mandatory fields

I accept [The HealthCare Authenticator SDK Terms\\*](#)

**Activate my free trial**

**Trial Version**

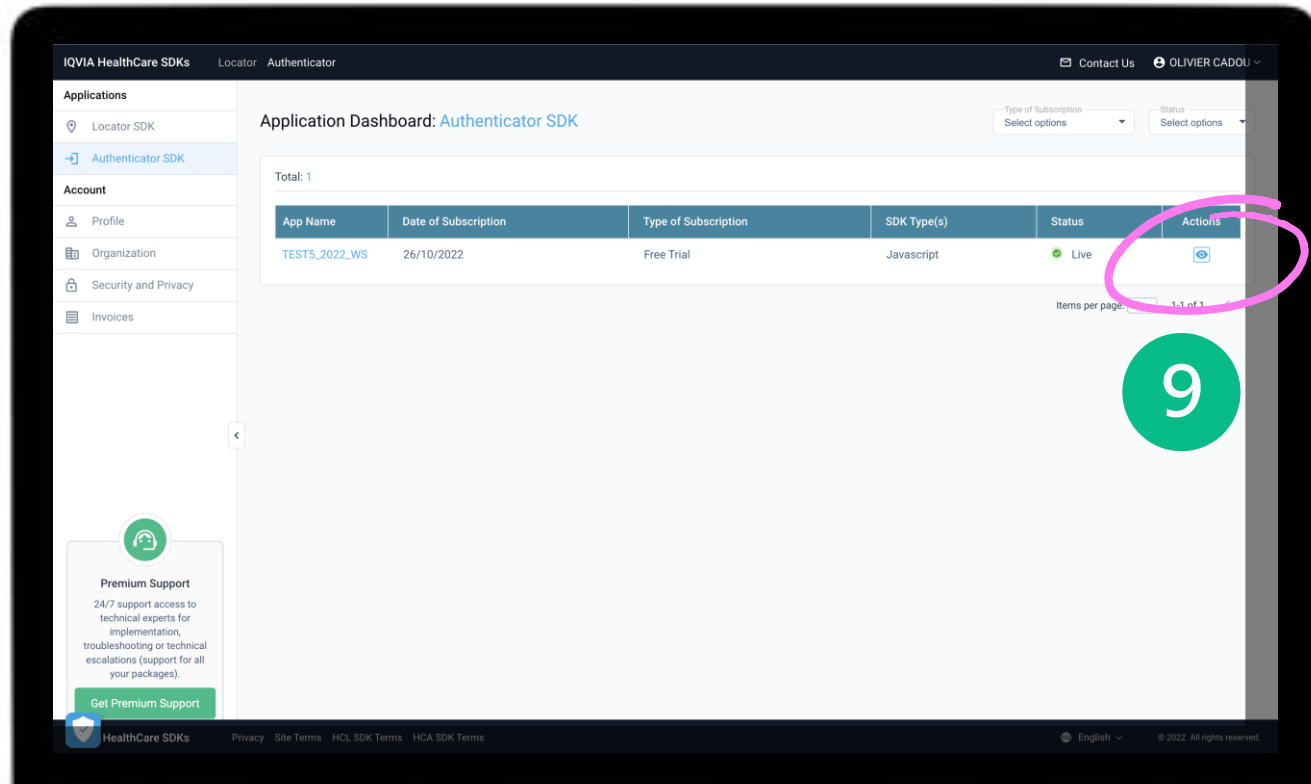
You have up to 500 requests of Automatic Identity Verification. This version is valid for 1 month.

Need more data and options? [Upgrade](#) to the Pro Version.

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# Get a free trial subscription key



## Actions



You are automatically redirected to your dashboard. Click on the eye at the right of the name of your app.



Check your mailbox you have received a confirmation email

### IQVIA HealthCare SDKs

Dear Olivier Cadou,

**Thank you for subscribing to our HealthCare Authenticator Free Trial!**

With your free trial, you will have access to 500 requests of Automatic Identity Verification.

You can now start integrating the HCA SDK or API on TEST5\_2022\_WS. Go to your dashboard and choose your type of integration from the "Integration" menu.

[Access your dashboard](#)

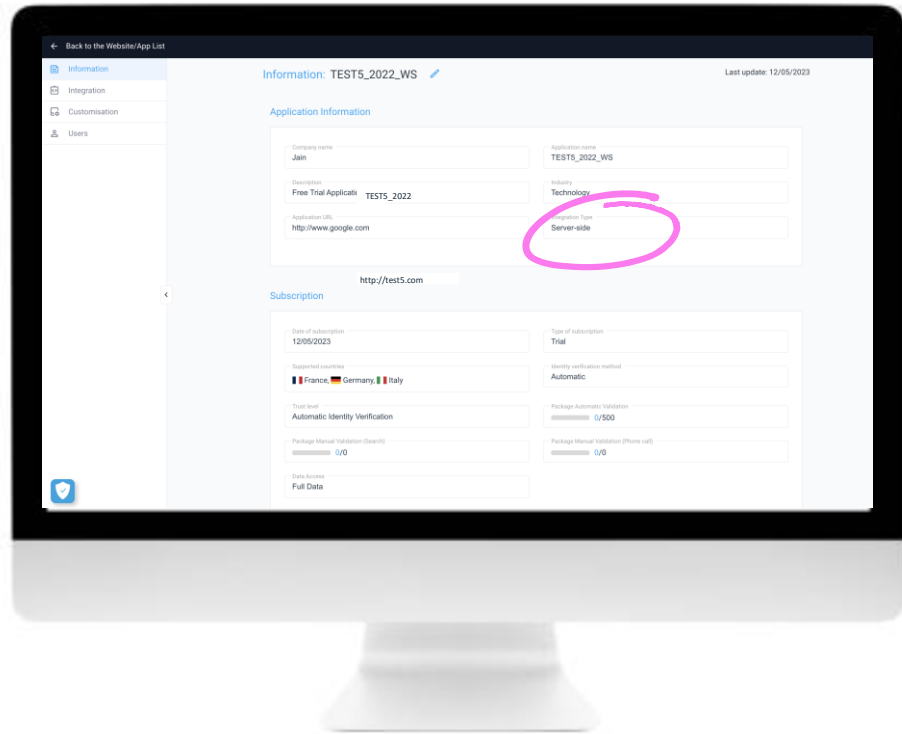
If you have any questions or feedback, please contact us.

Best Regards, HealthCare SDKs Team

# Get a free trial subscription key

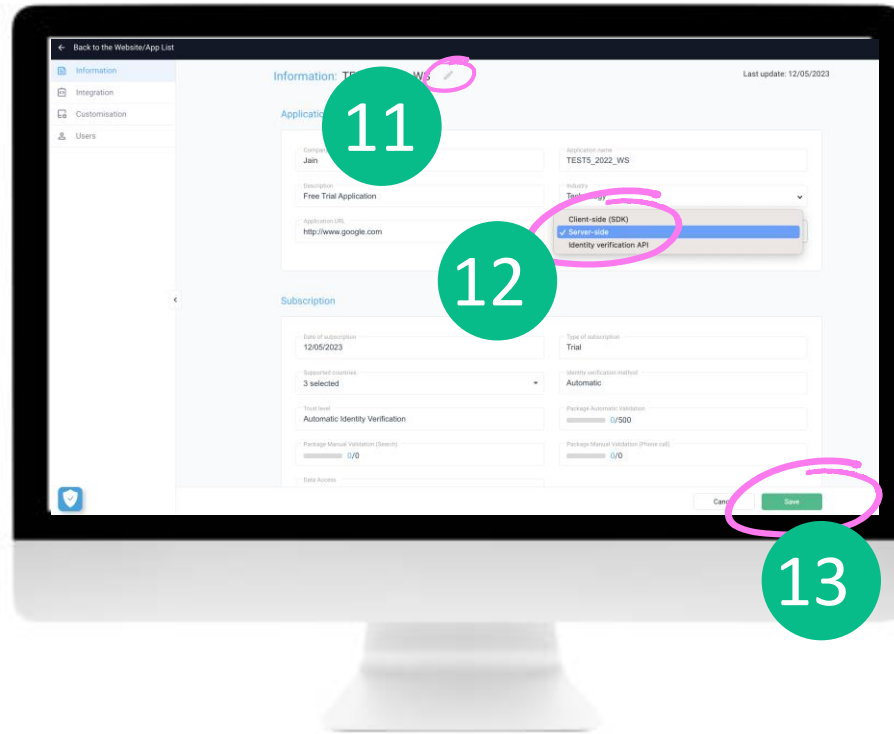
10

Click on Settings and you will access to the information about your integration type. By default, the integration type is set to Server-side.



11

Click on the pen icon to edit the information



12

From the Integration type field dropdown list, select Identity verification API

13

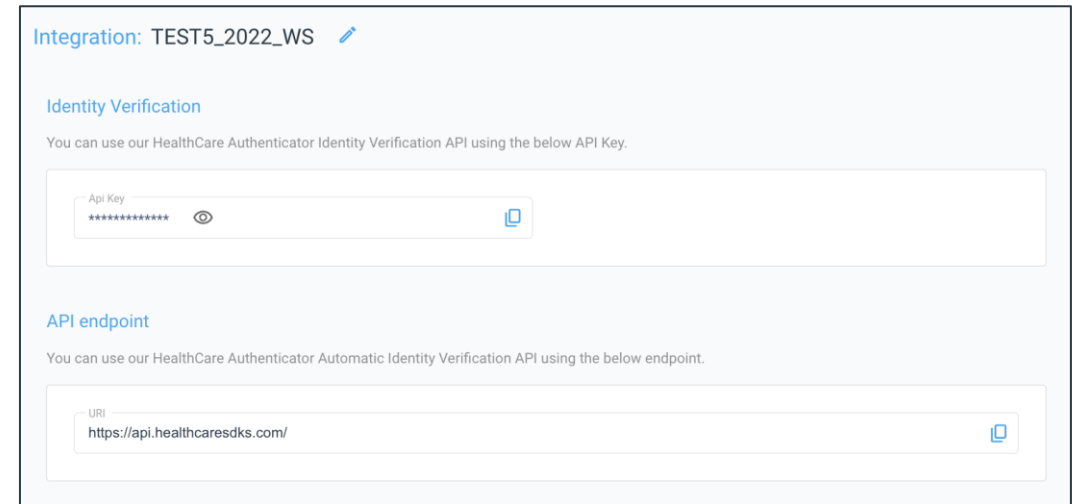
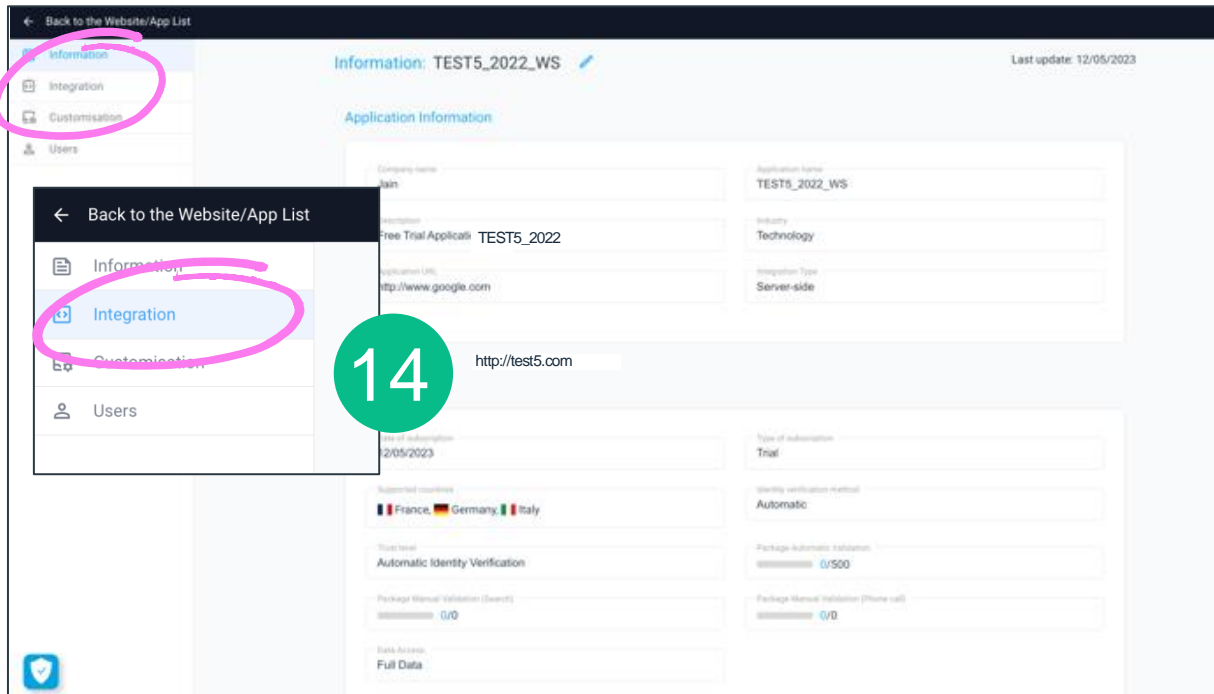
Save your change

# Get a free trial subscription key

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Click on Integration and you will have access to the following information:

- API Key (read only and copy)
- API endpoint (read only and copy)



Once this step is completed, if you have a OneKey contract, please let us know so we can activate your API key. This step is **mandatory** for you to access OneKey data from the result of the API.

# API knowledge



# API parameters

This Identity Verification API searches for a Healthcare Professional who matches the input parameters.

Name	Description	In
api-version	Value = 230328	query
iso_country	ISO country code of the country (2 letters) in which search will be performed (example: FR, US, NL)	template
first_name	First name	query
last_name	Last name	query
postal_code	Workplace Postal Code	query
city	Workplace City Name	query
uci	Local professional code (example: RPPS/Adeli in France, BIGR in Netherlands).	query
phone	Workplace Phone number.	query
profession	OneKey professional type code	query
specialty	OneKey professional medical specialty code	query
email	Individual email address	query
level	the verification level expected for this match (not specified, t12, t12ex, t14)	query



# Parameter “level”

By default, the system consumes automatic quotas - with your free trial subscription key, you will get 500 automatic quotas.

If your need is to perform manual verification, you will need to upgrade to Pro version and purchase manual quotas.

There are 2 types of manual quotas:

- Manual search (user verified with TL2)
- Manual phone (user verified with TL4)

The API allows you to control the level of identity verification needed (if quotas available) by using the parameter “level”:

- Value = not specified → if automatic verification quota > 0, perform an automatic identity verification.
- Value = tl2 → same as above
- Value = tl2ex → if manual search quota > 0, initiate a manual verification based on professional database search
- Value = tl4 → if manual search quota > 0, initiate a manual verification with check of the user's identity over the phone

# API Responses and status

Each time a query will be sent, the API will respond with different code and status as below:

Code	Description	Status value
200	OK. A unique match has been found.	MATCHED
202	Accepted. A manual search is not completed (pending verification)	PENDING
403	Forbidden. May occur if the quota is exceeded.	N/A
404	Not found. The algorithm was not able to converge.	NOTFOUND
409	Conflict. Ambiguous parameters are set in the response.	MANY
422	Unprocessable Entity. Validation Error.	N/A
429	Too many requests. Search quota exceeded.	N/A
500	Internal Server Error.	ERROR

# Automatic verification: use of the API based on different scenarios

You can search for a unique match in OneKey database using one of the combination of parameters below:

- **Country + First name + Last name**

Example: [https://api.healthcaresdks.com/api/hca/hcp/match?api-version=230328&level=tl2&first\\_name=Alain&last\\_name=PIERI&iso\\_country=FR&subscription-key=XXXXXXXXXXXX](https://api.healthcaresdks.com/api/hca/hcp/match?api-version=230328&level=tl2&first_name=Alain&last_name=PIERI&iso_country=FR&subscription-key=XXXXXXXXXXXX)

- **Country + Professional code**

Example: [https://api.healthcaresdks.com/api/hca/hcp/match?api-version=230328&level=tl2&iso\\_country=FR&uci=10000502509&subscription-key=XXXXXXXXXXXX](https://api.healthcaresdks.com/api/hca/hcp/match?api-version=230328&level=tl2&iso_country=FR&uci=10000502509&subscription-key=XXXXXXXXXXXX)

- **Country + User Email**

Example: [https://api.healthcaresdks.com/api/hca/hcp/match?api-version=230328&level=tl2&iso\\_country=US&email=BEVERLY.WILSON@MINUTECLINIC.COM&subscription-key=XXXXXXXXXXXX](https://api.healthcaresdks.com/api/hca/hcp/match?api-version=230328&level=tl2&iso_country=US&email=BEVERLY.WILSON@MINUTECLINIC.COM&subscription-key=XXXXXXXXXXXX)



- The Country parameter is mandatory in all the cases
- You can use all the other optional parameters listed [here](#) as additional criteria to find a unique match

# Manual verification using the API

Using the Identity verification API, you can do manual verifications.

To launch a manual verification, you need to use the parameter “level”.

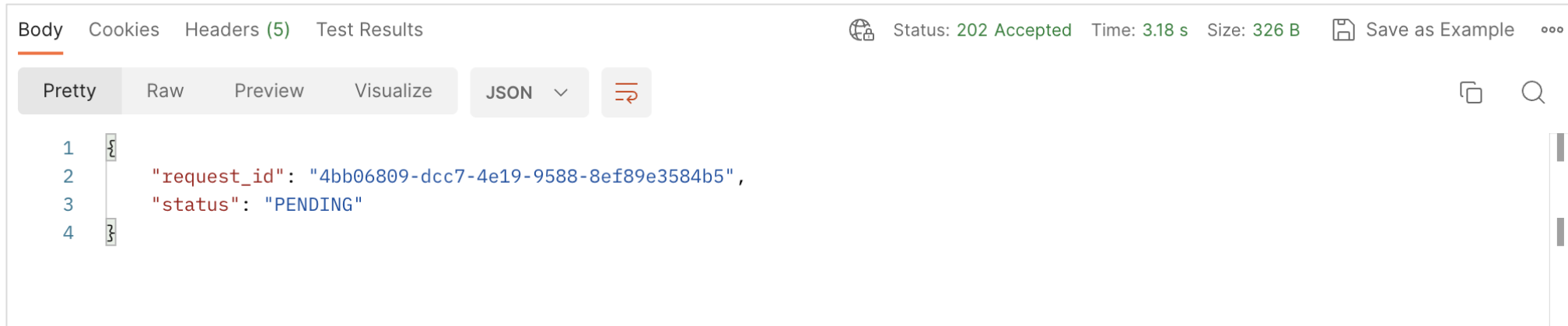
- Value = tl2ex → to initiate a manual verification based on professional database search
- Value = tl4 → to initiate a manual verification with check of the user's identity over the phone

The following parameters are mandatory:

Name	Description
api-version	Value = 230328
iso_country	ISO country code of the country (2 letters) in which search will be performed (example: FR, US, NL)
first_name	First name
last_name	Last name
city	Workplace City Name
profession	OneKey professional type code
specialty	OneKey professional medical specialty code
level	the verification level expected: tl2ex or tl4

# Manual verification using the API

When the manual verification request has been sent, you will get the following response:



```
Body Cookies Headers (5) Test Results
Status: 202 Accepted Time: 3.18 s Size: 326 B Save as Example
Pretty Raw Preview Visualize JSON
1 {
2   "request_id": "4bb06809-dcc7-4e19-9588-8ef89e3584b5",
3   "status": "PENDING"
4 }
```

Then by using the endpoint **GET - Retrieve result of an existing request**, you will be able to retrieve the result of this matching request using the "request\_id".



Please note that manual verification only works if you have purchased manual quota.

# User trust level



# User trust level

Each time a query will be sent, in the response of the API you will retrieve the information about the user trust level:

Value	Description
TL0	<ul style="list-style-type: none"><li>- User has not been matched automatically</li><li>- User has been rejected by research associates after manual verification</li></ul>
TL2	<ul style="list-style-type: none"><li>- User has been matched automatically</li><li>- User has been verified manually by research associates</li></ul>
TL4	User has been verified manually through phone by research associates

# Account quotas



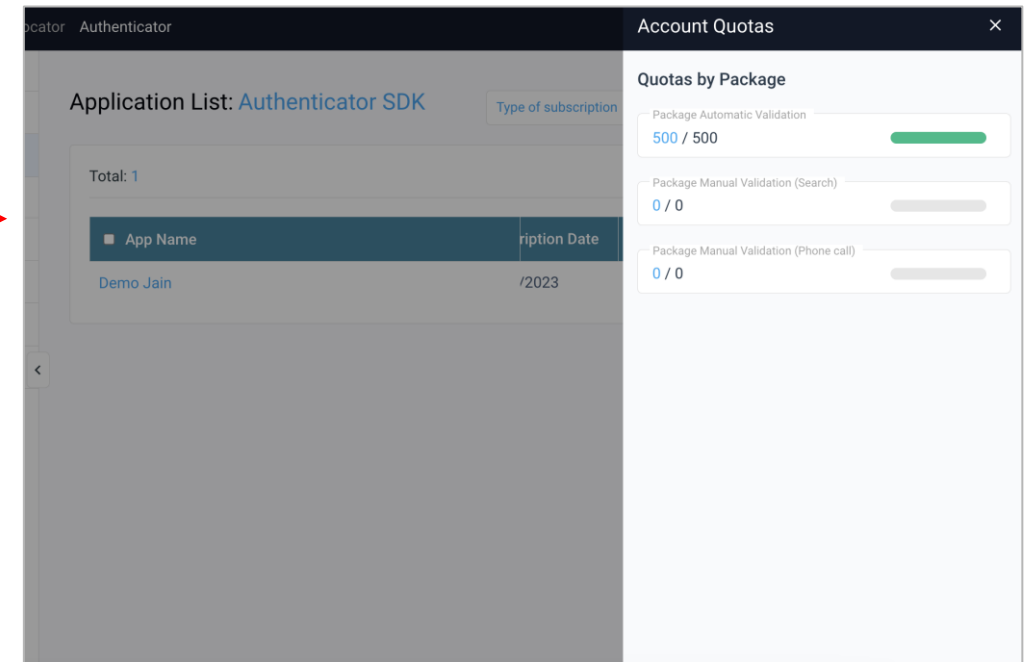
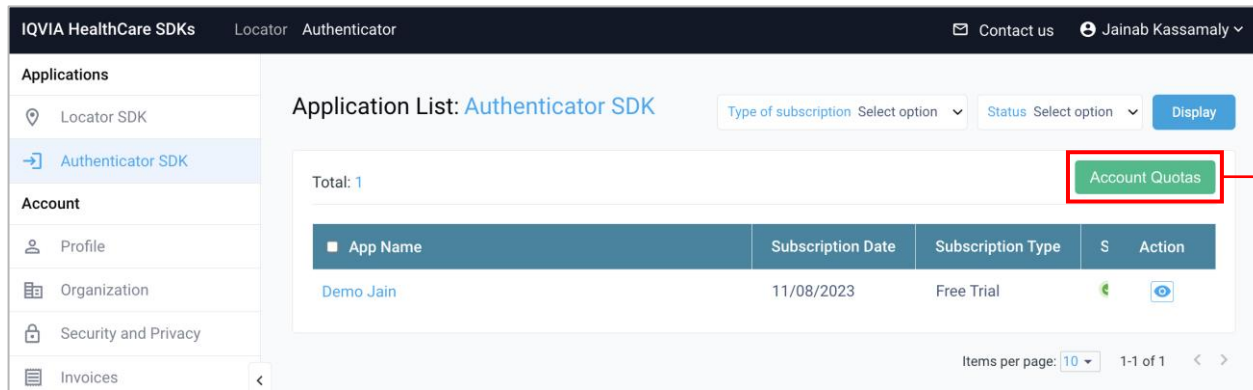


# Account quotas

The Healthcare Authenticator free trial gives you access to **500 request of Automatic Identity Verification.**

You can access to your account quota from your application dashboard:

- Click on the Account quotas button



- Quotas are not linked to 1 application but to your account.
- The consumption of requests is based on the number of identity verifications that are made on your website.
- Once you signed the SOW and your package is set to Pro, we will add quotas you purchased on your account.

# Account quotas

How to read the quotas by package?

- **Package Automatic Validation:** Number of automatic validation remaining / number of automatic validation quotas available for this account
- **Package Manual Validation (Search):** Number of manual validation search (remaining / number of manual search validation quotas available for this account
- **Package Manual Validation (Phone):** Number of manual validation phone (remaining / number of manual phone validation quotas available for this account

Quota color code:

- **Above 50%**, the progress bar is green
- If the remaining consumption reaches **more than 50%**, the progress bar turns orange
- If the remaining consumption reaches **more than 90%**, the progress bar turns red
- In the case the quotas is 0/0 it becomes grey

