

# Manitou Group API Store - How to get onboard



Version	Description	Date
V2.4	Connecting system to the API Developer Portal	Jul 24th 2023
V3.0	Revamping of the API Developer Portal into the API Store Addition of a new paragraph with connection from a service account	Sept 9th 2025

<u>Description</u>: this document provides information on how to connect to the Manitou Group API Store and its product offer. The following key steps are for customer IT teams to go live with their Manitou Group API solution upon agreement signature and terms & conditions acceptance.

This document presents two connection systems depending on the product you subscribe to. The first is valid for all products except connected solutions. The second is dedicated to users of connected solutions.



**NOTE**: changes from the previously published version of this document are marked with the "new" symbol in the margin.





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## Preamble

Manitou Group API Store is a data service in the form of APIs (Application Programming Interface) that provides the Customer access to protected resources, in coherence with the Customer's service level of subscription.

These APIs provide a wide range of features that help improve efficiency and productivity. All the features rely on the principles of RESTful APIs, which consider every accessible item as a resource with its unique id that can be used and reused.

Each API serves a specific set of information, but shares common features of results paging, attribute filtering, records sorting. All these features are described with examples in this document.

This documentation introduces the user to Manitou Group API Store's security and access design. Another documentation is provided to the user, to explain the API usage and how to get the desired information from which API endpoint. It should be read after the present documentation.





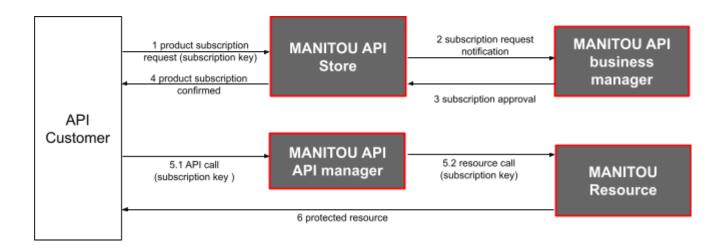


# 1. HOW TO ONBOARD PRODUCTS (EXCEPT CONNECTED SOLUTIONS)

# Overview of the authorization process

The following schema sums up the order of every step needed to interact successfully with Manitou Group API Store.

Each will be described further down in this document.



# Step 1 : Service Account creation to connect to the Manitou Group API Store

#### 1.1. Service Account creation

For all users of the API Store, a service account needs to be created by a Manitou Group representative (dealer, rental, key account).

This service account allows you to connect to the API Store.

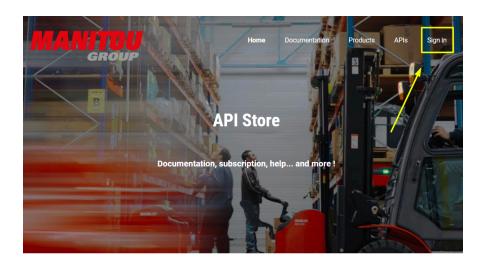
For that, you need to prepare an email address beginning with 'svc.'. This email will be used in your service account creation and will be your login to connect to the API Store AND your email address to receive all the information and evolutions about the products you subscribed to.

## 1.2. Service Account confirmation

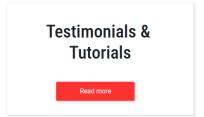
Once you have your 'svc.'email and the service account associated with, you can connect to the <u>API Store of Manitou Group</u> and click on the 'Sign in' button







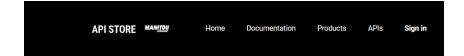




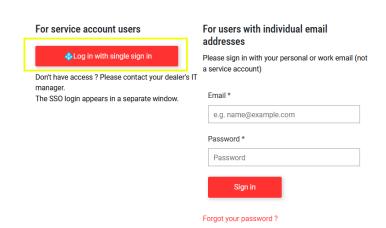
Then, click the 'Log in with single sign in' button (the right section is reserved for connected solutions only).



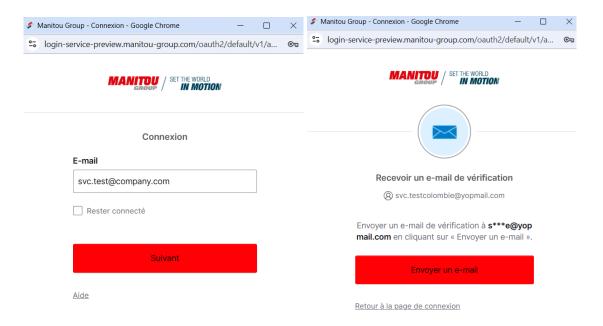




# Please log in



Use your 'svc.' email as login. You will receive a code on this email to finalize the connection.







# Step 2 : Subscribe to a Manitou Group API product

The API Store delivers different services, which are available as Products. A Product delivers access to a defined set of APIs, applying an access restriction and usage policy that matches a defined level of service.

A Customer can request a subscription to any Product at any time.

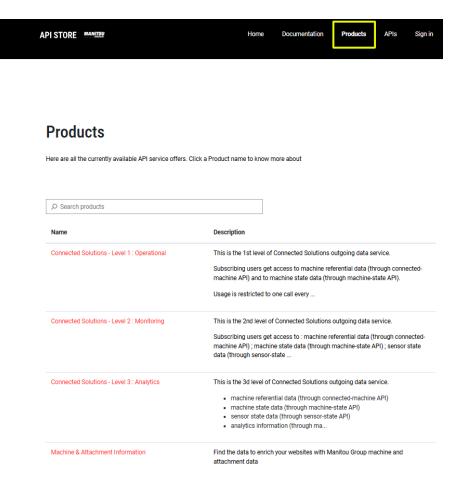
For all the API products (except Connected Solutions), you just have to accept the terms of use when you connect the first time to the API Store.

For the Connected solutions Products, an agreement must exist between Manitou Group and the Customer to accept a Product subscription.

### **Product subscription request**

From the Manitou Group API Store, access to the "Products" page.

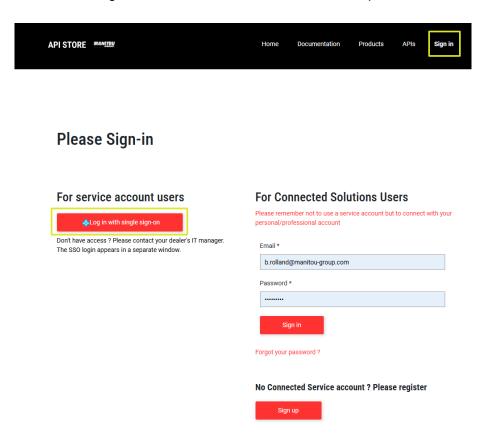
The Products page lets the Customer explore the description of each product. Choose the product you wish to subscribe to and click on it.



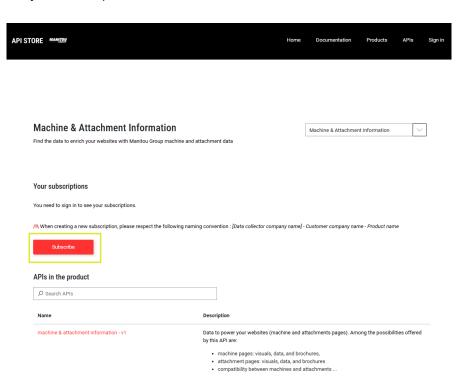




Once on the product page, you can request a subscription. This is the screen that appears if you're not signed in to the API Store. Be sure to sign in with the service account created at step 1.

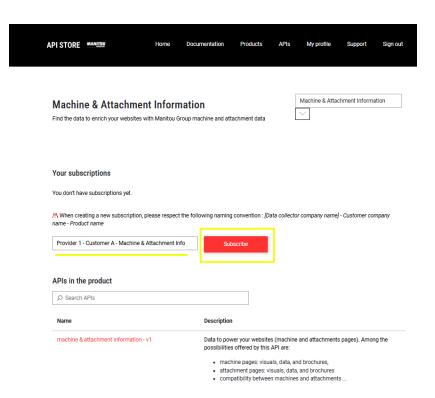


Type in the name for your subscription then click the "Subscribe" button.







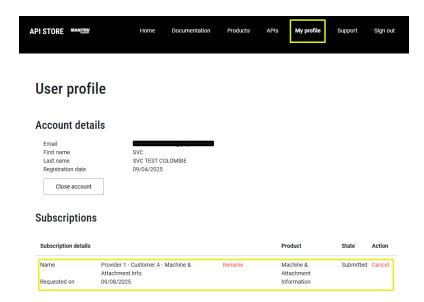


⇒ **NOTE**: as a good practice, the name of the subscription should be explicit enough to clearly identify the Customer company and, when it exists, the data collector company.

For example, in the case where the Customer company is autonomous in using the Manitou Group API Store, the subscription should be named "Customer company name - XXX".

If the Customer company uses the services of a data collector company, the subscription should be named "Data collector company name - Customer company name - XXX"

If the subscription request is successful, your user profile page will appear, showing a new line in the "subscriptions" section.







You will need a subscription key to perform API calls later on.

For each of your subscriptions, a pair of primary and secondary keys is generated.

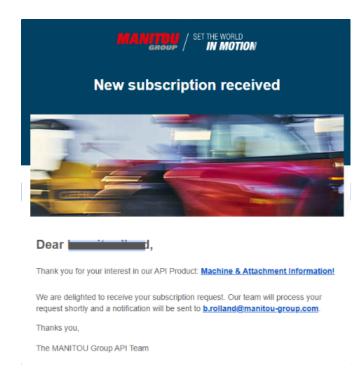
Only you can access these subscription keys, one of which will be required to perform API calls.

⇒ **NOTE**: You can regenerate any of these keys if you think they have been compromised. When regenerating one key, you can still be calling APIs using the other one.

⇒ **NOTE**: The subscription request must be approved for the keys to be used to call APIs.

## **Product subscription request notification**

You will receive an email notifying you of your request for a product subscription.



#### Subscription approval

The Customer subscription will be accepted by the business team as soon as every part of the service agreement is in good order.

In some cases, the agreement may have been prepared in advance, so the operation will be really fast.

#### **Product subscription confirmed**

This is the email you'll receive on your 'svc.' email, confirming your subscription has been accepted by the business team and is now active.









Thank you for subscribing to Machine & Attachment Information!

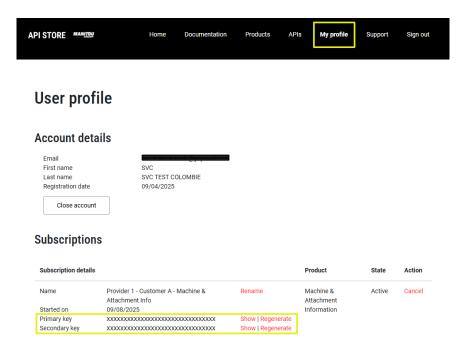
As part of the MANITOU API developer community, we are delighted to have you as part of the team and look forward to the amazing applications you will build using our APIs!

#### Important subscription details:

Start date: 8/5/2025

To manage your subscription and subscription keys, visit your profile.

You can now retrieve the API keys in 'My profile' section.







# Step 3 : Calling APIs

#### API call

According to the restriction defined in the usage policies of the Product, the Customer can now send an API call to the endpoint of his choice, using his subscription key.

⇒ **NOTE**: Users of the first version of the authentication system can still provide the secret user token, but it is no longer mandatory.

All these informations are transmitted as headers along the API call, as follows:

Parameter name	Туре	Mandatory	Usage
Ocp-Apim-Subscrip tion-Key	Header	yes	Customer subscription key (primary or secondary)
token	Header	yes	Customer valid token

#### Resource call

Once the API call has been authorized by the API manager, it is dispatched to the resource server with the secret user token as a second security factor and the API version, to ensure the response will be in the format expected by the Customer.



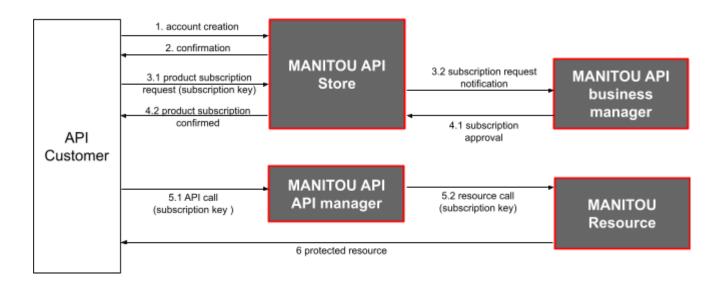


# 2. HOW TO ONBOARD CONNECTED SOLUTIONS PRODUCTS

# Overview of the authorization process

The following schema sums up the order of every step needed to interact successfully with Manitou Group API Store.

Each will be described further down in this document.



# Steps 1 & 2: Account creation to connect to Connected Solutions

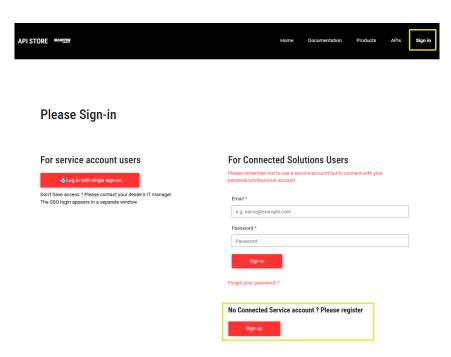
#### 1. Account creation

The first step for every customer is to go create their account on the Manitou Group API Store: <a href="https://apiportal.Manitou Group-group.com/">https://apiportal.Manitou Group-group.com/</a>

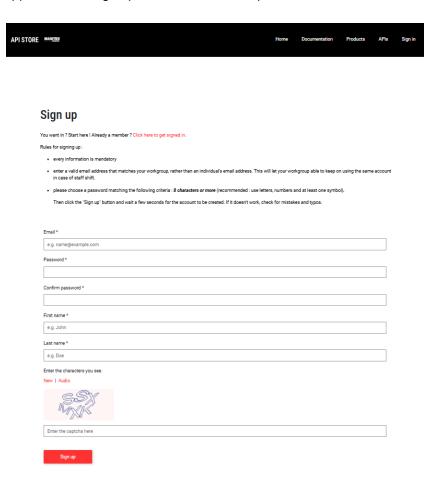
Click on "Sign up" on the bottom of the screen.







Fill in the form that appears in the sign up screen, enter the captcha value and click on the "sign up" button.





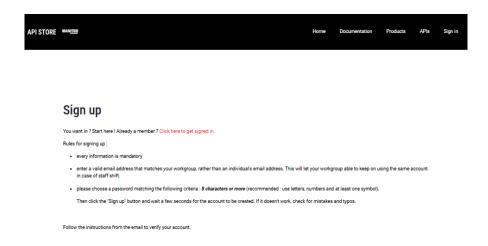


⇒ **NOTE**: please provide a valid professional email address in the first field.

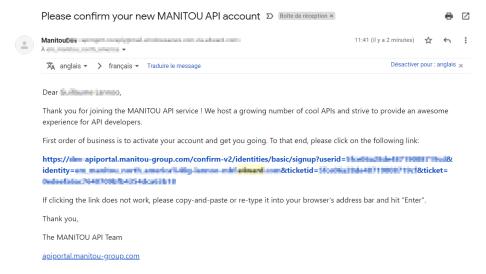
It is important to understand that this address will be the one receiving notifications related to the life of the subscription.

#### 2. Account confirmation

If everything went right, this screen will appear, prompting you to follow the instructions in the verification email you'll receive, to confirm your account creation.



Upon reception of the confirmation email, click on the link provided to activate your account.



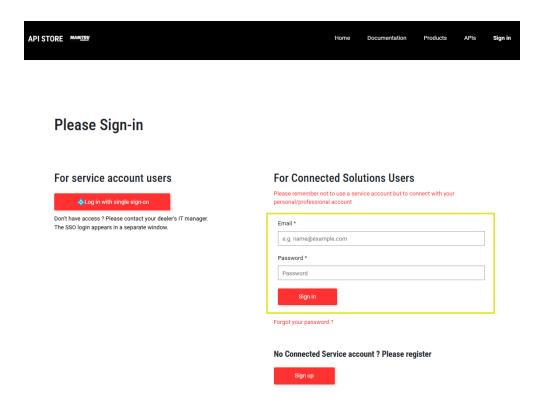
⇒ **NOTE** : some users may not find the account creation email in their inbox, but may find it in their "spam" folder, incorrectly identified as spam.

Following the link provided in the confirmation email, you'll end up on the "sign in" page of the API Store (right section of the screenshot below).

Just enter your email and password, and you're in.







# Steps 3 & 4 : Subscribe to Connected Solutions

Manitou Group API Store delivers different services, which are available as Products. A Product delivers access to a defined set of APIs, applying an access restriction and usage policy that matches a defined level of service.

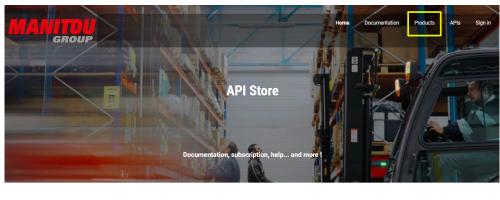
A Customer can request a subscription to any Product at any time. An agreement must exist between Manitou Group Group and the Customer to accept a Product subscription.

## 3.1 Product subscription request

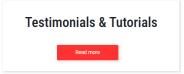
From the Manitou Group API Store, access to the "Products" page



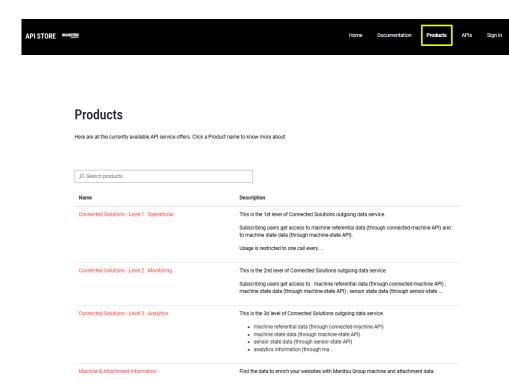








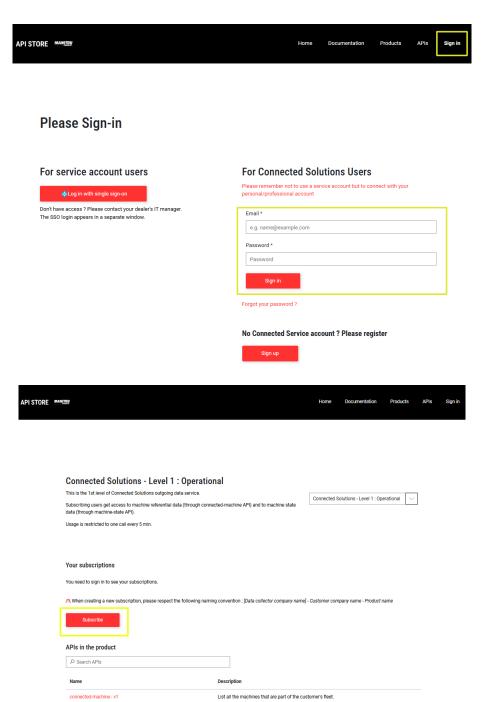
The Products page lets the Customer explore the possibilities of each product. Choose the product you wish to subscribe to and click on it.



Once on the product page, you can request a subscription. This is the screen that appears if you're not signed in to the portal. Be sure to sign in with the user you've created at steps 1 & 2.



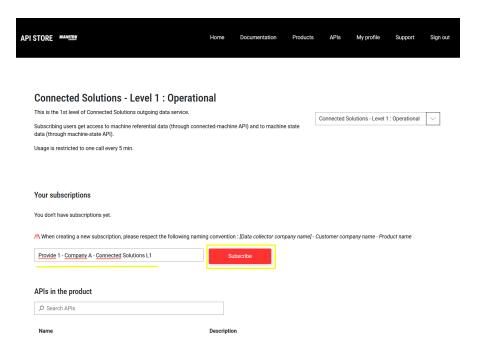




Type in the name for your subscription then click the "Subscribe" button.





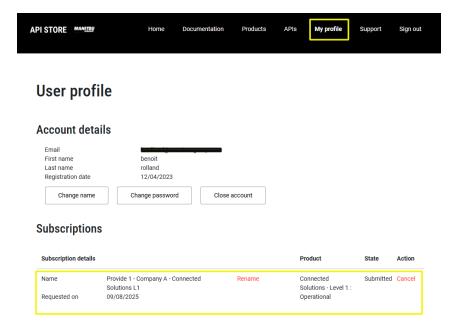


⇒ **NOTE**: as a good practice, the name of the subscription should be explicit enough to clearly identify the Customer company and, when it exists, the data collector company.

For example, in the case where the Customer company is autonomous in using the Manitou Group API service, the subscription should be named "Customer company name - XXX".

If the Customer company uses the services of a data collector company, the subscription should be named "Data collector company name - Customer company name - XXX"

If the subscription request is successful, your user profile page will appear, showing a new line in the "subscriptions" section.







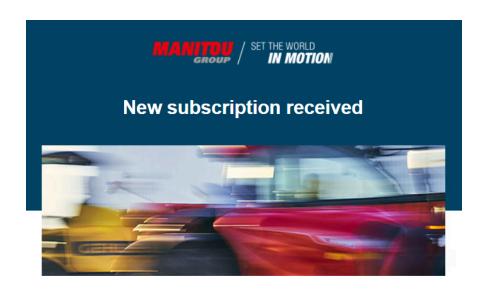
You will need a subscription key to perform API calls later on.

For each of your subscriptions, a pair of primary and secondary keys are generated. Only you can access these subscription keys, one of which will be required to perform API calls.

⇒ **NOTE**: You can regenerate any of these keys if you think they have been compromised. When regenerating one key, you can still be calling APIs using the other one.

⇒ **NOTE**: the subscription keys are provided without regard to the subscription being effectively active. The subscription request must be approved for the keys to be used to call APIs.

## 3.2 Product subscription request notification



#### Dear **Exercises**,

Thank you for your interest in our API Product: <u>Connected Solutions - Level 1: Operational!</u>

We are delighted to receive your subscription request. Our team will process your request shortly and a notification will be sent to <a href="mailto:b.rolland@manitou-group.com">b.rolland@manitou-group.com</a>.

Thanks you,

The MANITOU Group API Team

You will receive an email notifying you of your request for a product subscription. At the same time, a member of the business team at Manitou Group will be warned of your subscription request, which will initiate the request review process

#### 4.1 Subscription approval



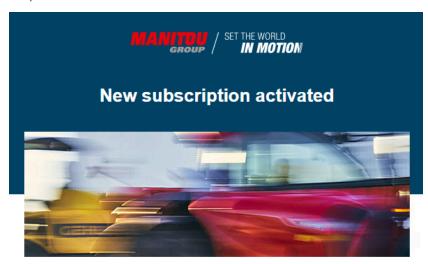


The Customer subscription will be accepted by the business team as soon as every part of the service agreement is in good order.

In some cases, the agreement may have been prepared in advance, so the operation will be really fast.

Other times, if the Customer delegates the technical operations to an external Consultant, the subscription approval can be lengthened for a few days.

## 4.2 Product subscription confirmed



#### Hello I

Thank you for subscribing to **Connected Solutions - Level 1 : Operational!** 

As part of the MANITOU API developer community, we are delighted to have you as part of the team and look forward to the amazing applications you will build using our APIsI

#### Important subscription details:

• Start date: 9/5/2025

To manage your subscription and subscription keys, visit your profile.

A couple of pointers to help get you started:

#### Learn about the API

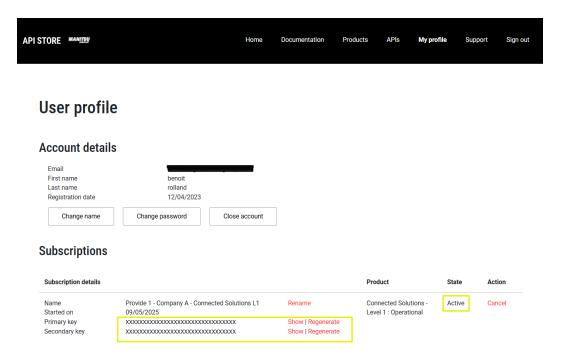
Please consult the  $\underline{\text{API documentation}}$  to see how to make requests and to process

This is the email you'll receive, confirming your subscription has been accepted by the business team and is now active.





You can now retrieve the API keys in 'My profile' section.



## 4.3 Secret user token (**deprecated** - use only if you need retrocompatibility)

Earlier versions of our authentication mechanism relied on an additional key name "secret user token", which was mandatory.

For retrocompatibility reasons, it is still available for users of previous versions, but this information is not mandatory anymore.

# Steps 5 & 6 : Calling APIs

#### 5.1 API call

According to the restriction defined in the usage policies of the Product, the Customer can now send an API call to the endpoint of his choice, using his subscription key.

⇒ **NOTE**: Users of the first version of the authentication system can still provide the secret user token, but it is no longer mandatory.

Considering that APIs can be the subject of upgrades and changes, which could imply a need for the Customer to stop using it while adapting to the evolutions, Manitou Group API provides a solution for continuity of service.

The Customer just has to indicate what version of the API is being called. This way, the adaptation to evolutions of version 2 can be dealt with while still using version 1.





All these informations are transmitted as headers along the API call, as follows:

Header name	Header value	Mandatory
Ocp-Apim-Subscription-Key	Customer subscription key (primary or secondary)	yes
api-version	Version number (v1, v2, etc.)	yes
X-token	Customer secret user token (deprecated - only use this for retrocompatibility if needed)	no

#### 5.2 Resource call

Once the API call has been authorized by the API manager, it is dispatched to the resource server with the secret user token as a second security factor and the API version, to ensure the response will be in the format expected by the Customer.

#### 6. Protected resource delivery

The resource server will then answer the request with the proper data set.

⇒ NOTE: the description of the best way to make use of the methods and resources exposed through Manitou Group API is detailed in separate documents covering this topic for each APIs of a given Product range.

For example, the API usage recommendations for the "Connected Solutions" product range is covered in the document named "Manitou Group API - Connected Solutions - Using the service".



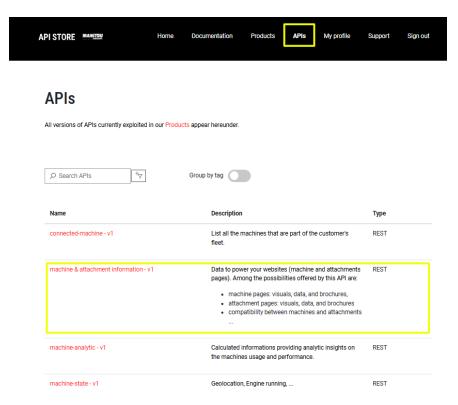


## 3. HOW TO TEST PRODUCTS

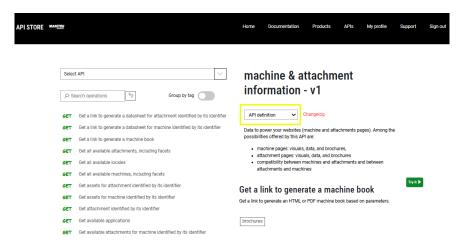
The Manitou Group API Store, among providing the Customer with detailed information on the APIs, gives the opportunity to test our APIs and use bits of code written in several coding languages to help the Customer boost the integration of Manitou Group APIs in his system.

### 1. Getting the API definition

Navigate to the API you want to address using the API Store's navigation menus and links.



Clicking on this menu shows the list of API definition formats available for the Customer. Simply click on the desired definition format to retrieve the standard API definition file.



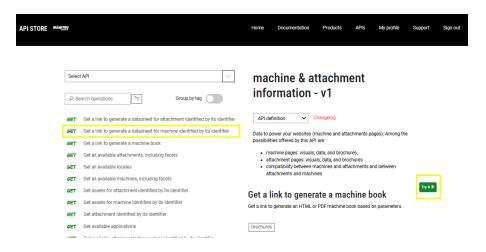




⇒ **NOTE**: the OpenAPI format is also known as Swaggerhub format.

#### 2. Testing the API

Navigate to the API you want to address using the Portal's navigation menus and links, then select the API method you need.



Click on the green "Try it >" button to show the side panel dedicated to testing.

Complete the mandatory fields with data.

Click on the "Send" button to test the API with the parameters entered earlier.

## 3. Getting code snippets

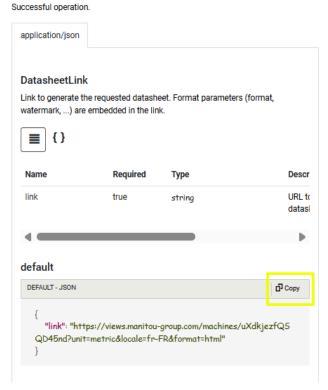
On the same screen where the API can be tested, the Customer can retrieve useful code snippets.

Of course, the Customer can use the "Copy" button on the right of the screen to get the text of the default HTTP request.





## Response: 200 OK



Additionally, clicking on the name of each language will produce a code snippet, written in that language, designed to help the Customer integrate it quickly into his own system to interact with the API with minimal coding effort.

## 4. Confidentiality reminder

Take care of your subscription keys: these are the keys to your API data!

- → don't share them by email
- → don't write them down
- $\rightarrow$  keep them unknown from every people that don't specifically need them

If you think the confidentiality of these informations have been compromised, remember to notify Manitou Group as soon as possible.

As a good practice, we recommend you use a dedicated password vault software to store these keys, and remove any written record of it from anywhere else.

We also remind you that the Manitou Group API Store lets you renew secret keys anytime you want, without a need for Manitou Group to intervene: just go to your user page, then to the subscriptions section, and select "renew" near the subscription key that needs renewal. You'll get a fresh new set of keys, and the old ones will be permanently disabled. That's it!

