

J.D. POWER
AUTODATA SOLUTIONS

J.D. POWER
CHROMEDATA

Customer API Portal
Orientation Guide -
Developers

December 2024



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DOCUMENT OVERVIEW

The Portal allows you to locate, use, test, and get help for your APIs.

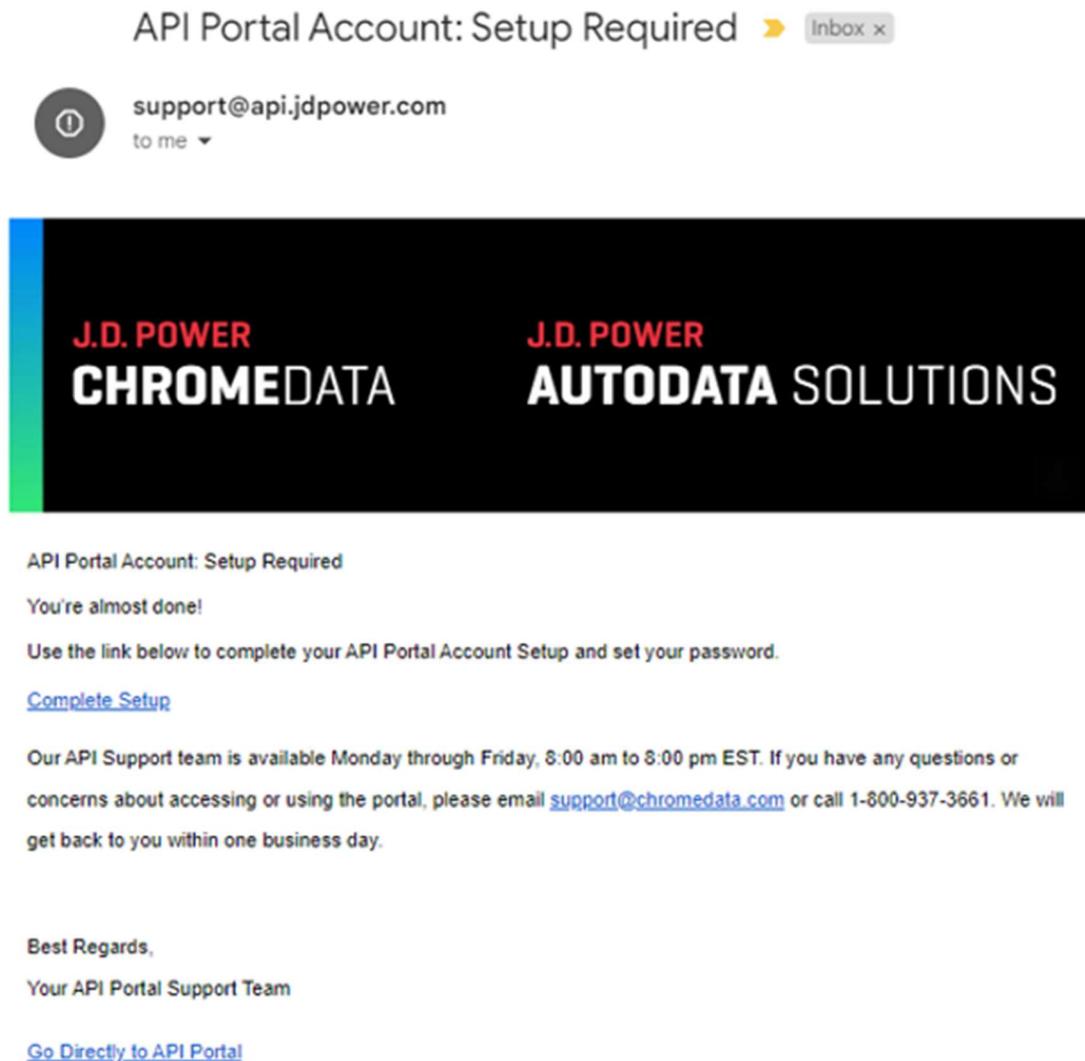
This guide provides step-by-step instructions on how to use the Portal. It includes topics such as navigating the portal and a description of the purpose of each page within the Portal. This guide is also available online at <https://portal.jdpower.com/portal-guide-developer/>

CONTACTING CLIENT SUPPORT

Client Support is available by phone toll-free at (800) 937-3661, Monday through Friday, from 5:00 a.m. to 5:00 p.m. Pacific Time (excluding holidays), or you can reach Client Support by email at support@chromedata.com.

REGISTERING FOR THE CUSTOMER API PORTAL

1. To setup your account, you will be assigned to your company account. You will then receive an email from support@api.jdpower.com with the subject line: API Portal Account: Setup Required.



2. Upon receiving that email, click the **Complete Setup** link. This will direct you to a Set Password page. Enter your new password and enter again to confirm then select Set Password button.
3. You will be directed to the Customer API Portal login page <https://portal.jdpower.com/jdp-dev-login/> where you can then enter your account credentials; Username is your email address and Password is the one you've just set, then click the Login button.
4. This will take you to the Customer API Portal homepage <https://portal.jdpower.com/>

ACCESSING THE PORTAL

Log in to the J.D. Power API Portal at <https://portal.jdpower.com> using your Username and Password.

If you forget your password, you may select the Forgot Password? link and an email will be sent to your email address with instructions for how to reset your password.

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Customer API Portal

Welcome to API Portal!

You'll notice our API Portal has a redesigned interface. An updated Portal Orientation guide is included within the Technical Docs section providing step-by-step instructions on how to navigate and use the new portal as some of the steps have changed. All product documentation can still be found here, updated where necessary.

A password reset email was sent to all active customers as a password reset is required upon your first login to this new portal.

You won't need to make any changes to your existing integrations and security protocols. Everything will continue to function seamlessly.

You will need an active account to access this API Portal. If you have an account, please log in with your username and password. If you need an account to be set up for you or help activating your

Username:
Your Username

Password:
Your Password

Remember Me

Login

[✉ Forgot Password](#)

THE APIs PAGE AND ITS FUNCTIONALITIES

When you log in to the Portal, a page listing APIs opens. This is where you can find a list of all APIs associated with your account. You may access this page at any time using the APIs link within the top section of the Customer API Portal.



Start typing API name..		
Name	Description	Details
ChromeData VIN Descriptions	The ChromeData VIN Descriptions Service (CVD) web service is a RESTful service that describes the vehicle content on a vehicle	
StudyPRICE	The StudyPRICE web service is a RESTful service that returns vehicle information beneficial to the vehicle quoting, rating and underwriting processes.	
VDS_CertifiedInventory	The Vehicle Description Service (VDS) web service is a RESTful service that describes the vehicle content on a vehicle.	

Clicking an API’s corresponding eye icon under the Details column opens a page that may include the following:

- Marketing Info
- Technical Docs
- What’s New
- Test Client
- Access
- Analytics

Marketing Info

This page provides the overview of the web service. It includes a description of what the API does and is the default page that opens when you select an API to view.

API : ChromeData VIN Descriptions

Marketing Info ▶

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Marketing Info

Description

The ChromeData VIN Descriptions Service (CVD) web service is a RESTful service that describes the vehicle content on a vehicle. This information is beneficial in that it provides a descriptive description about a vehicle in a Dealer's inventory. You can use this content to build online inventories and to populate Build and Price sites.

The data returned focuses on Features, Packages and Tech Specs and other attributes that describe the vehicle.

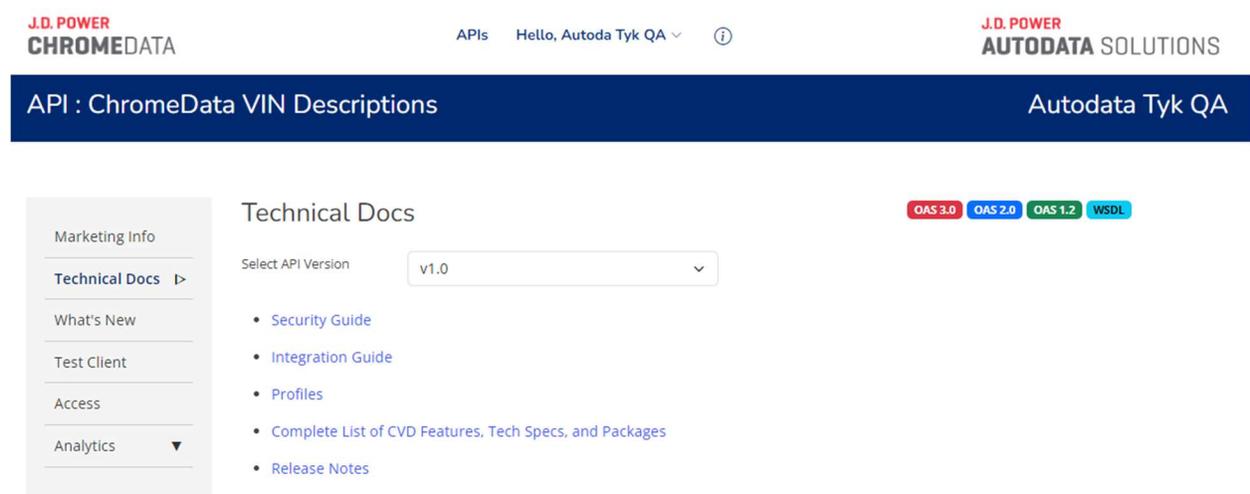
There are two API operations:

GET /vin - Returns vehicle content for the requested vehicle.

PUT /vin - Returns vehicle content for the requested vehicle. It also provides a way to filter results so that more specific vehicle descriptions are returned.

Technical Docs

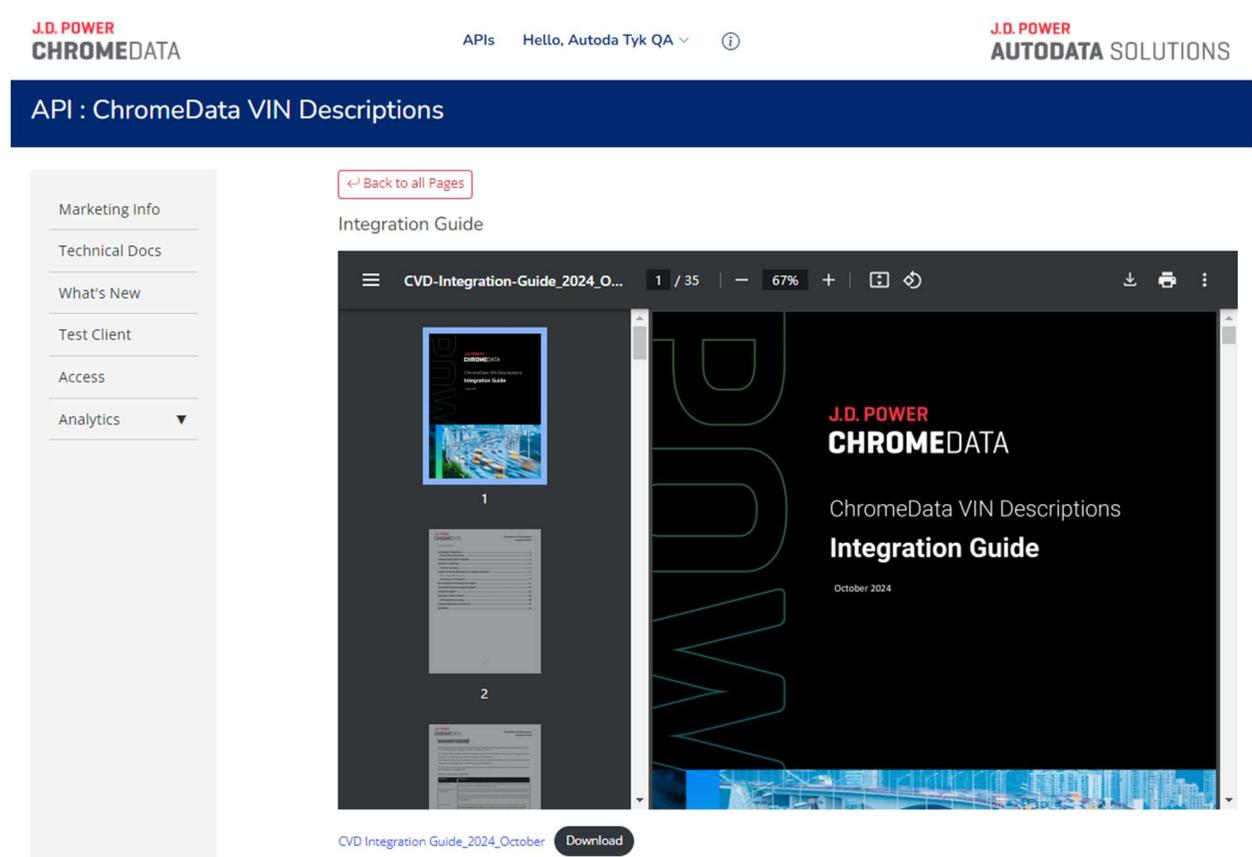
The documents on this page provide the information a developer uses to access the API service.



Note: Current and previous versions of the OAS (Open API Spec) and if available, WSDL, are available for download by clicking on their icons to the right of the Technical Docs sub-header.

To view documentation associated with an API:

1. Open the APIs page.
2. Click the API you want to find documentation for.
3. Click **Technical Docs**. A list of existing documentation for the most recent API version displays.
4. If necessary, in the Select API Version menu, choose the API version you want to view.
5. Click the document. A page opens with the document embedded.
6. To download the document, click **Download**.



What's New

This is where you can view any news (when available) about a selected API, such as release notes.

To view news associated with an API:

1. Open the APIs page.
2. Click the API you want to find documentation for.
3. Click **What's New**. A list of existing documentation for this API displays.
4. If necessary, in the Select API Version menu, choose the API version you want to view.
5. The content displays on the page.

Test Client

The API's Test Client page provides the ability to test out an API and its operations to get a feel for what is being returned in the response. The .json link beneath the API name includes Open API details (formerly referred to as Swagger) defaulted to the current version. The text beneath the link summarizes the types of operations available. These operations are displayed below on the page as expandable menus.

The screenshot shows the API Portal interface. At the top left is the J.D. POWER CHROMEDATA logo. In the center, it says 'APIs Hello, Autoda Tyk QA' with an information icon. At the top right is the J.D. POWER AUTODATA SOLUTIONS logo. A dark blue header bar contains 'API : ChromeData VIN Descriptions' on the left and 'Autodata Tyk QA' on the right. On the left side, there is a navigation menu with items: Marketing Info, Technical Docs, What's New, Test Client (selected), Access, and Analytics. The main content area features a 'Select API Version' dropdown menu with 'v1.0' selected. Below this is the title 'ChromeData VIN Descriptions' with version tags '1.0.0' and 'OAS3'. A URL is provided: https://portal.jdpower.com/wp-content/uploads/apidefs/f3839aac-1871-4743-8d3b-fa2c3b822353.autodata_v1.0.json. A descriptive paragraph follows: 'The ChromeData VIN Descriptions Service (CVD) web service is a RESTful service that describes the vehicle content on a vehicle. This information is beneficial in that it provides a descriptive description about a vehicle in a Dealer's inventory. You can use this content to build online inventories and to populate Build and Price sites.' Below this is a grey box containing the following text: 'The data returned focuses on Features, Packages and Tech Specs and other attributes that describe the vehicle. There are two API operations: GET /vin - Returns vehicle content for the requested vehicle. PUT /vin - Returns vehicle content for the requested vehicle. It also provides a way to filter results so that more specific vehicle descriptions are returned.'

To test an API:

1. Open the Portal. The APIs page opens.
2. Find the API you want and click the eye icon associated with it (under the Details column).
3. In the left navigation menu, click **Test Client**.
4. On the Test Client page, select the API Version.
5. Click the dropdown to expand the options for the type of API operation you want to perform.
6. Click **Try it out**. The text fields are now editable.

getVinDescription ^

GET /vin/{vin}/?language_Locale={language_Locale} Returns vehicle content for the requested vehicle. ^

Parameters Try it out

Name	Description
language_Locale string (query)	Specifies the response language locale. Valid values are en_US (United States, English), es_US (United States, Spanish), en_CA (Canada, English), fr_CA (Canada, French).
<input type="text" value="language_Locale"/>	
profileKey string (query)	An optional attribute that identifies a specific application profile definition. For example, you may have two profiles, one that includes technical specifications and one that includes packages. If not specified, the default profile is used.
<input type="text" value="profileKey"/>	
vinWithAllContent string (query)	An optional attribute that when set to true, will return all installed and not installed content.
<input type="text" value="vinWithAllContent"/>	
passThruAdditionalBuildData boolean (query)	Returns additional build data content associated with this vehicle. This information is found in additionalBuildData when the set to true. Default is false. Default value : false
<input type="text" value="false"/>	
useBuildDataOverride boolean (query)	Uses extended build data content associated with this vehicle by default. To prevent the service from using the build data content set this parameter to false Default value : true
<input type="text" value="true"/>	
vin * required string (path)	Identifies a vehicle. This is a required parameter.
<input type="text" value="vin"/>	

7. Enter the relevant information into the text fields.

getVinDescription ^

GET /vin/{vin}/?language_locale={language_locale} Returns vehicle content for the requested vehicle. ^

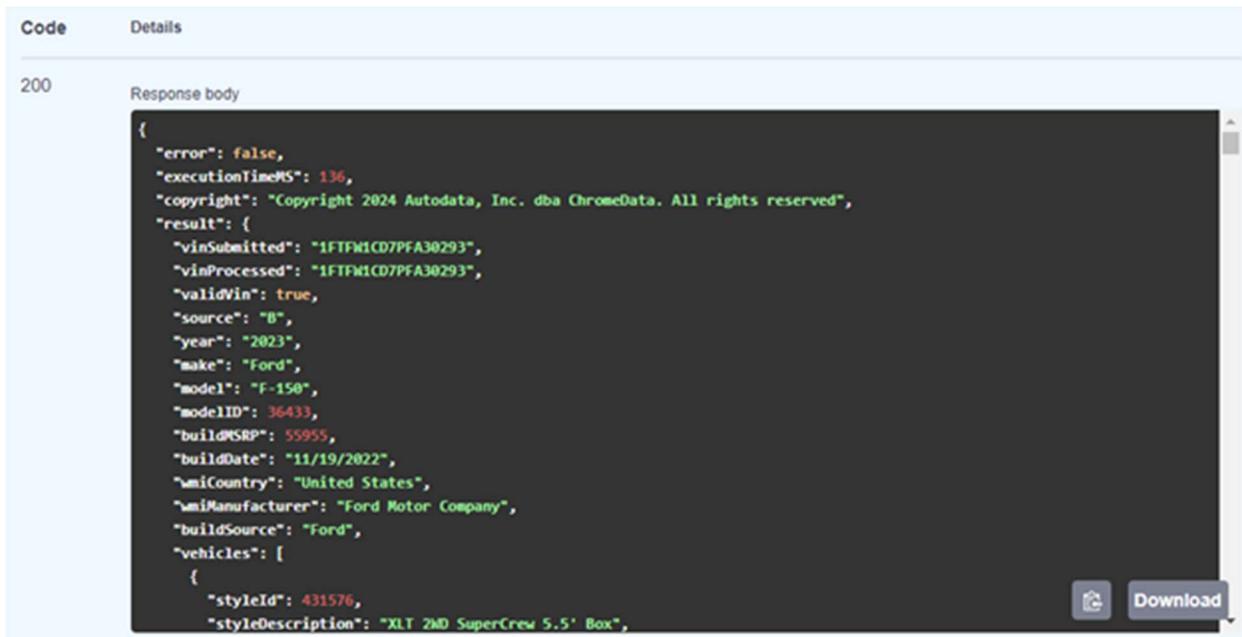
Parameters Cancel

Name	Description
language_locale string (query)	Specifies the response language locale. Valid values are en_US (United States, English), es_US (United States, Spanish), en_CA (Canada, English), fr_CA (Canada, French).
	<input type="text" value="en_US"/>
profileKey string (query)	An optional attribute that identifies a specific application profile definition. For example, you may have two profiles, one that includes technical specifications and one that includes packages. If not specified, the default profile is used.
	<input type="text" value="profileKey"/>
vinWithAllContent string (query)	An optional attribute that when set to true, will return all installed and not installed content.
	<input type="text" value="vinWithAllContent"/>
passThruAdditionalBuildData boolean (query)	Returns additional build data content associated with this vehicle. This information is found in additionalBuildData when the set to true. Default is false.
	<input type="text" value="false"/>
useBuildDataOverride boolean (query)	Uses extended build data content associated with this vehicle by default. To prevent the service from using the build data content set this parameter to false
	<input type="text" value="true"/>
vin * required string (path)	Identifies a vehicle. This is a required parameter.
	<input type="text" value="1FTFW1CD7PFA30293"/>

Execute

8. Click **Execute**.

The request is sent, and response details are returned below on the page. The sample below shows a GET operation expanded.



```
Code Details
200 Response body
{
  "error": false,
  "executionTimeMS": 136,
  "copyright": "Copyright 2024 Autodata, Inc. dba ChromeData. All rights reserved",
  "result": {
    "vinSubmitted": "1FTFW1CD7PFA30293",
    "vinProcessed": "1FTFW1CD7PFA30293",
    "validVin": true,
    "source": "B",
    "year": "2023",
    "make": "Ford",
    "model": "F-150",
    "modelID": 36433,
    "buildSRP": 55955,
    "buildDate": "11/19/2022",
    "smiCountry": "United States",
    "smiManufacturer": "Ford Motor Company",
    "buildSource": "Ford",
    "vehicles": [
      {
        "styleId": 431576,
        "styleDescription": "XLT 2WD SuperCrew 5.5' Box",

```

Downloading the Response

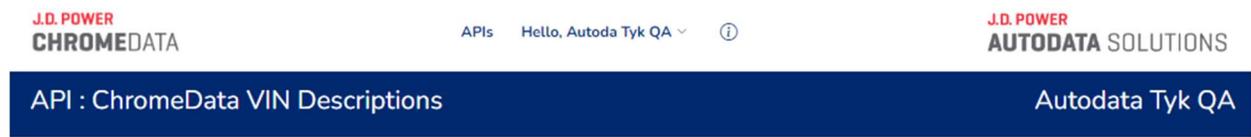
After you execute a request, you can download the response in JSON format.

To download the response:

1. After executing a request, scroll down the Responses and find the server response code you want to download.
2. Click **Download** hovering in lower right of the Response body
3. When the download finishes, open it from your browser or the Downloads folder in File Explorer to view it in Notepad.

Access

This page contains a list of keys the customer has access to for the API and version, as well as the secrets for each. You can also view the API version, limit, quote and expiration date (if a trial) on this page.



Alias	Key	Secret	Version	Limit	Quota	Expiry
Autodata Tyk QA	 eyJvcml0I2NDM4MGYxNGRkZGJlYTAwMDE4MWWwMTEiLClpZCI6ImRmYzQxNzQxNDVjZTQx	 ODkzOTU2OTU0NjQ***** *****	v1.0	No Limit	No Limit	Never

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To copy a key or secret:

1. Find the key/secret you want to copy. Tip: Use the filters to help narrow the listings.
2. Click the Copy icon beside the key/secret name. The key/secret is in your clipboard.

Alias	Key	Secret	Version	Limit	Quota	Expiry
Autodata Tyk QA	 eyJvcml0I2NDM4MGYxNGRkZGJlYTAwMDE4MWWwMTEiLClpZCI6ImRmYzQxNzQxNDVjZTQx	 ODkzOTU2OTU0NjQ***** *****	v1.0	No Limit	No Limit	Never

Copy to Clipboard

Note: The secrets are hidden by default; to reveal a secret, click the eye icon beside the secret.

Analytics

There are two options under Analytics: Recent Transactions and Usage.

Recent Transactions

This is where you can see any recent transactions with the selected API for up to seven days. You can search for calls using the following filters:

- API Key
- Version
- Timestamp
- Status Code

The screenshot displays a list of five API requests in a blue header bar. Each entry includes the HTTP method (GET), the endpoint path, the client name, the status code (200), and the time since the request was made. Below the list, two panels provide detailed metadata for the selected request (GET /years).

Method	Path	Client	Status Code	Time
GET	/styles	CLIENT:	STATUS CODE: 200	TIME: 2 minutes ago
GET	/models	CLIENT:	STATUS CODE: 200	TIME: 2 minutes ago
GET	/makes	CLIENT:	STATUS CODE: 200	TIME: 2 minutes ago
GET	/styleDetails	CLIENT:	STATUS CODE: 200	TIME: 2 minutes ago
GET	/years	CLIENT:	STATUS CODE: 200	TIME: 3 minutes ago

Request Metadata

- User Agent: RestSharp/111.4.0.0
- Timestamp (UTC): Wednesday October 09 2024 16:57:19
- Target Host: vehicle-selector-service-1-0
- Path: /years
- IP: 3.94.47.148
- Request: GET /vss/years HTTP/1.1
Host: vss.api.chromedata.com
User-Agent: RestSharp/111.4.0.0
Accept: application/json
Accept-Encoding: gzip, deflate, br
Authorization: Atmosphere

Gateway Metadata

- API: ChromeData Vehicle Selector Service
- Access Token: autodata-oWV37ubHBYpAGRZVlJ00Lqopi1SV8MUOGrfcBcvy
- Response: HTTP/1.1 200 OK
Connection: close
Access-Control-Allow-Headers: Origin, Accept, X-Requested-With, Content-Type, Access-Control-Request-Method, Access-Control-Request-Headers
Access-Control-Allow-Methods: GET, HEAD, POST, PUT, DELETE, TRACE, OPTIONS, CONNECT, PATCH

Search results are color-coded for each operation (e.g., “GET”, “PUT”, etc.) You can click a result to expand it and view metadata details about it.

Usage

This page gives a summary of reports for calls made over the last 30 days as well as a monthly usage summary for the current calendar year. This summary report is for all the profiles attached to your account. Tabs above the summary reports represent the different profiles you might have – click the tabs to see summaries for each profile.

Usage Report

Version: v1.3 [Filter](#)

Summary [def](#) [health](#)

Usage Summary

Customer

Usage History (Last 30 days)

Day	Calls
2024-10-17	325,730
2024-10-16	2,420,104
2024-10-15	1,282,145
2024-10-14	1,432,762
2024-10-13	1,126,740
2024-10-12	804,976
2024-10-11	1,257,486
2024-10-10	890,846

*Please note that the current day numbers might not be up-to-date.

Monthly Usage (For 2024)

Month	Calls
Oct 2024	16,635,119
Sep 2024	9,159
Aug 2024	0
Jul 2024	0
...	-

Usage Report for Trials

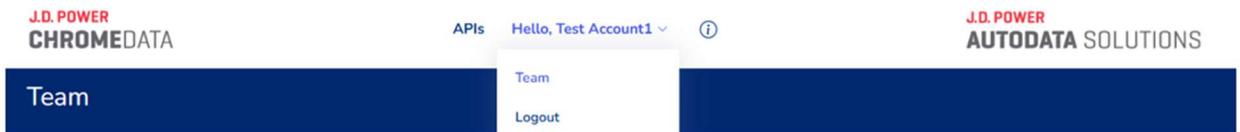
If you're currently on a trial account for the API, this page provides a weekly summary of reports for calls made over the trial period. Tabs above the summary reports represent the different profiles you might have – click the tabs to see summaries for each profile.

Note: The Usage report may not include today's transactions.

MANAGING TEAM MEMBERS

Only Team Members with the Admin role can manage the team members associated with their organization. If you need to change the Admin role for your organization or add a member to be your Admin, please contact our Client Support team and they can assist you.

1. Select the dropdown for your Hello [Customer Name] at the top of the Customer API Portal page and choose Team.



2. To add a team member, select the link for Add Team Member in upper right of list of team members.



#	First Name	Last Name	Email	Role	Action
1	Test	Account1	testaccount1@test.com	team_admin	✕
2	Chris	Smith	Chris.Smith@test.com	developer	✕ 🗑️
3	Kim	Tester	Kim.Tester@test.com	developer	✕ 🗑️
4	Joanne	Johnson	Joanne.Johnson@test.com	developer	✕ 🗑️
5	Joshua	Goff	Joshua.Goff@test.com	developer	✕ 🗑️

[Add Team Member](#) ←

3. Enter the team member's email address, First and Last Name and click the Add Member button.



Email:

First Name:

Last Name:

[Add Member](#)

4. The team member will receive a Welcome Email to complete their account setup, including setting their password.
5. If you wish to edit or delete a team member, there are icons to perform either task.