

Getting Started

New on board?

Welcome! We're happy to guide you through the first steps of using the Daimler Truck Developer Portal.

In short: **Daimler Truck Developer Portal** is your gateway to Daimler Truck's digital and data-driven services, connecting you with innovative solutions for business partners, fleet operators and developers alike. Creating a user account allows you to log in to the Daimler Truck Developer Portal, explore APIs, create applications and request access to products.

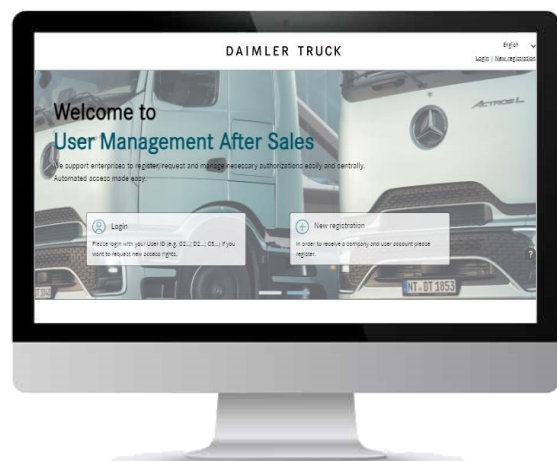
The following steps will help you set up your account via Daimler Truck **User Management After-Sales (UMAS)**.

How to Register via UMAS

Before you can log in or purchase products on the Developer Portal, you must first register through **UMAS**. Follow these simple steps:

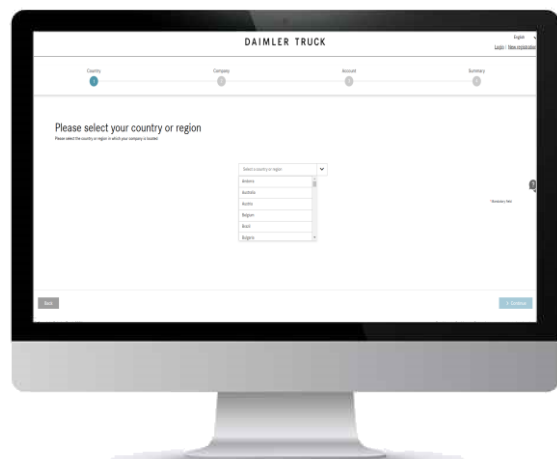
1. Click "Sign up"

Click on the "Sign up" button on the Daimler Truck Developer Portal or go directly to: xentry.daimlertruck.com/umas and select "**New registration**" on the start page.



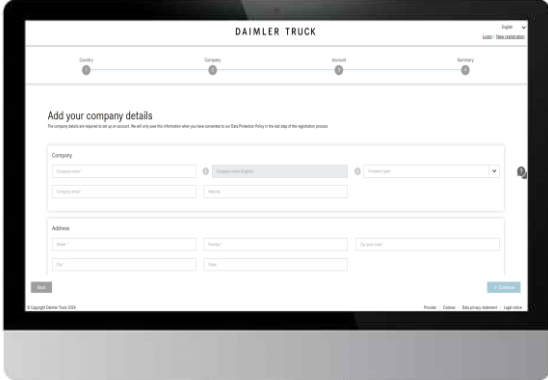
2. Select your country or region

Choose the country in which your organization is based.



3. Fill in your company and user details

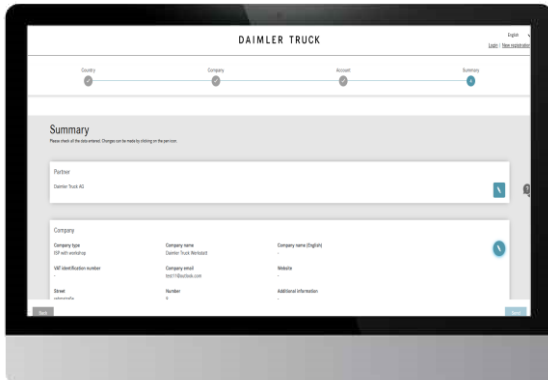
Enter your company name, address, tax information and main contact person. These details are required to set up your account.



The screenshot shows the 'Add your company details' step of the Daimler Truck registration process. The form is divided into two main sections: 'Company' and 'Address'. The 'Company' section includes fields for 'Company name', 'Company type', 'Company name (English)', 'VAT identification number', and 'Website'. The 'Address' section includes fields for 'Street', 'Number', 'Additional information', 'Postcode', and 'City'. A progress bar at the top indicates the current step is 'Company', with previous steps 'Country' and 'Summary' completed. A 'Go back' button is visible at the bottom left, and a 'Continue' button is at the bottom right.

4. Review and submit

Check your entries carefully and accept the terms and conditions before submitting your registration.



The screenshot shows the 'Summary' step of the Daimler Truck registration process. It displays a summary of the entered information. The 'Partner' section shows 'Daimler Truck AG'. The 'Company' section is a table with the following data:

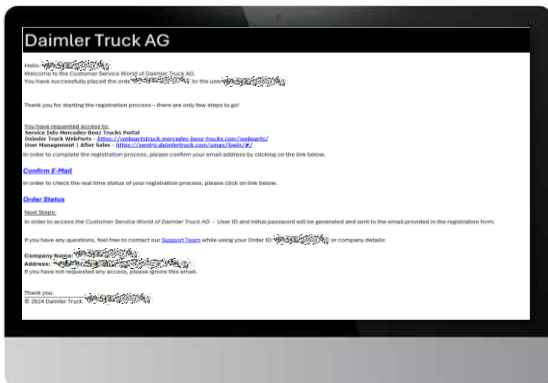
Company type	Company name	Company name (English)
GF with voting	Daimler Truck Network	

The 'VAT identification number' is 'DE123456789'. The 'Street' is 'Main Street' and the 'Number' is '1'. The 'Additional information' field is empty. A progress bar at the top indicates the current step is 'Summary', with previous steps 'Country', 'Company', and 'Account' completed. A 'Go back' button is visible at the bottom left, and a 'Continue' button is at the bottom right.

5. Confirm your email address

After submitting the form, you will receive an email confirmation.

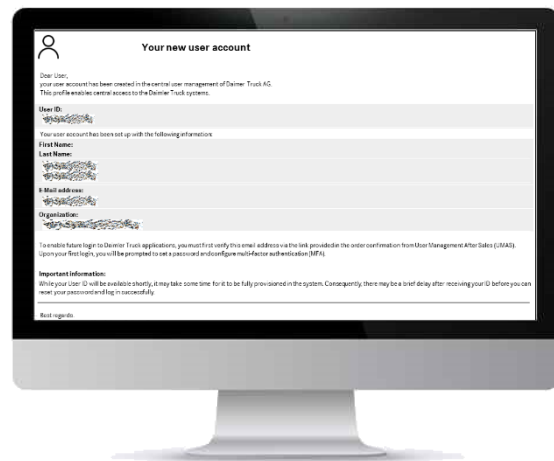
Click the link in the email to complete your registration request.



The screenshot shows the email confirmation page from Daimler Truck AG. The page title is 'Daimler Truck AG'. The content includes a welcome message, a thank you for starting the registration process, and instructions on how to complete the registration. It mentions that a User ID and initial password will be generated and sent to the email provided in the registration form. A link to 'Confirm E-Mail' is provided. The footer includes the copyright notice '© 2024 Daimler Truck'.

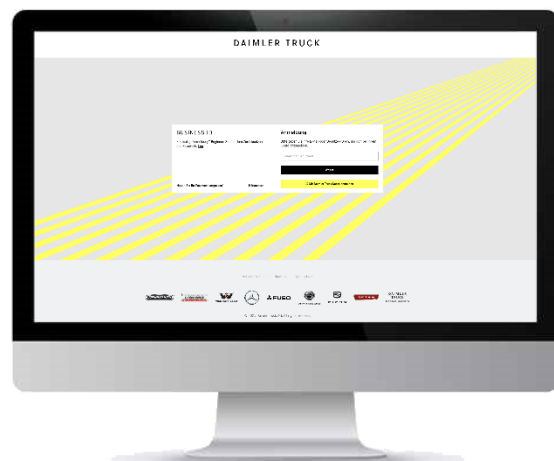
6. Receive your User-ID

Once your registration is processed, you will receive your **User-ID** via e-mail. This email also confirms that your user has been successfully created in Daimler Truck's central user administration.



7. Set your password at first login

Before your first login, you will be prompted to **assign your** initial password and set up multi factor authentication (MFA). After completing this step, **you can start using your credentials to access the Daimler Truck Developer Portal.**



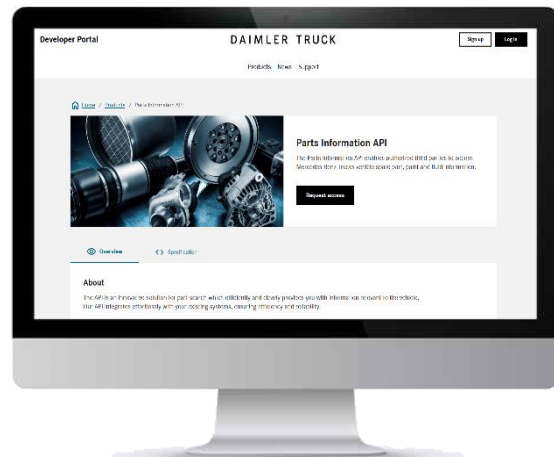
Managing API Subscription

As an external API customer on the Daimler Truck Developer Portal, you can request access to API products, track your request status, generate and rotate secure credentials, manage your team's shared access and control your subscription lifecycle - all without manual IT intervention.

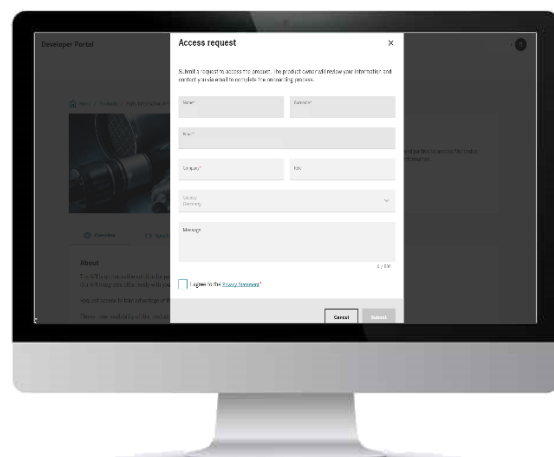
Requesting Access:

If one of the products is a good fit to your use-case, you can request access to that product.

1. Navigate to **product details**



2. Click on the **"Request Access"** button and fill in the form



After you agree to the privacy statement, you can submit the request. Then, the Daimler Truck Developer Portal team will contact you for further steps.

Once the contracts have been approved, you will receive an email confirming the approval of your access request, after which you will be able to view your subscription details by clicking the “Subscriptions” link in the menu.

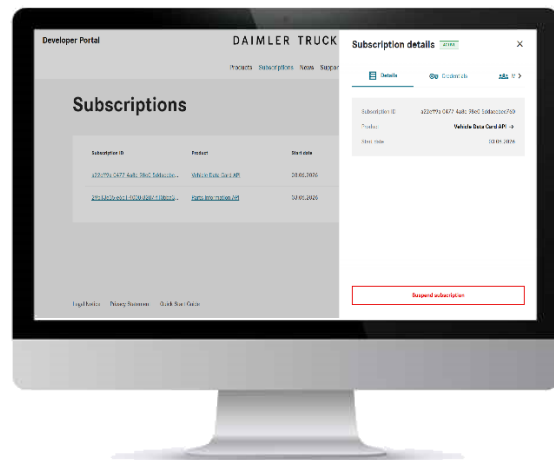
Managing your API Access Credentials

Once your access request is approved, you can create OAuth credentials (ClientID and

ClientSecret) to authenticate and start consuming the API. Credentials are managed entirely within the portal - no emails and no manual handovers.

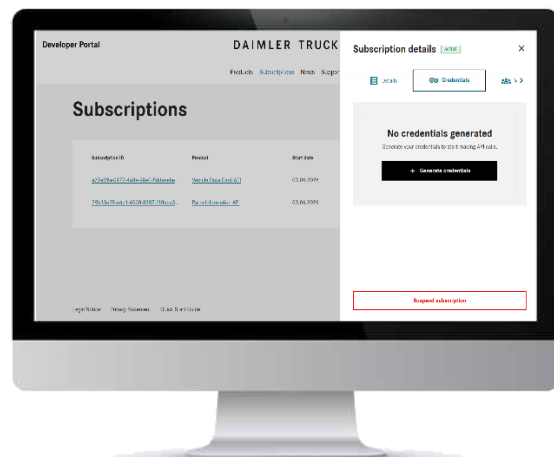
Creating / Rotating Credentials:

1. **Navigate to your subscription details** - go to your approved access request and open the subscription details page

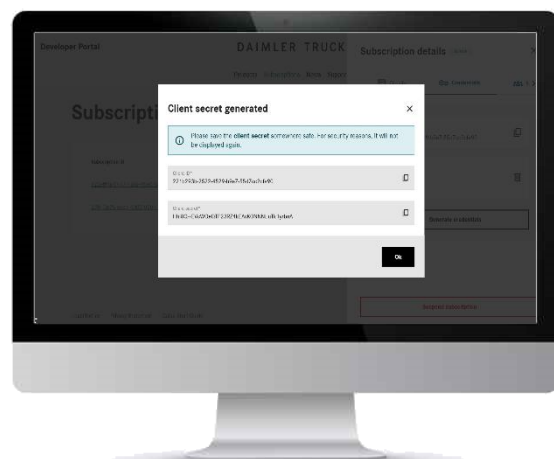


2. **Open the Credentials section** - the portal displays your current credentials and a "Generate Credentials" button. If you don't see any credentials yet, create your first one

3. **Click "Generate Credentials"** - the portal validates your access and calls the platform to generate a new ClientSecret

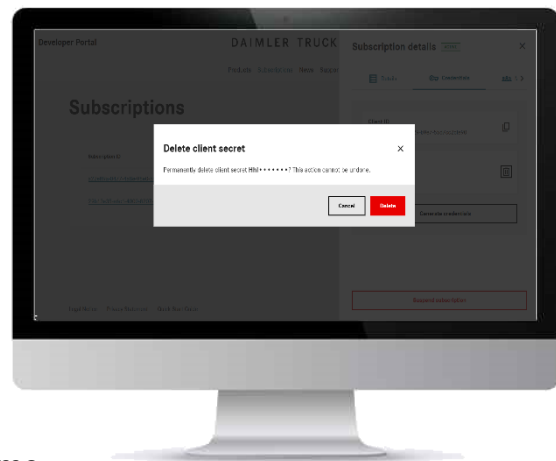


4. **Copy your ClientSecret immediately** - the new secret is displayed once with a clear warning. Use the copy-to-clipboard button and store it in a secure location (e.g., a secrets manager or password vault)



Deleting a Credential:

- Navigate to the credential you want to remove in your credentials list
- **Click Delete** - a confirmation dialog warns you about the API access impact
- **Confirm deletion** - the credential is immediately revoked in API platform



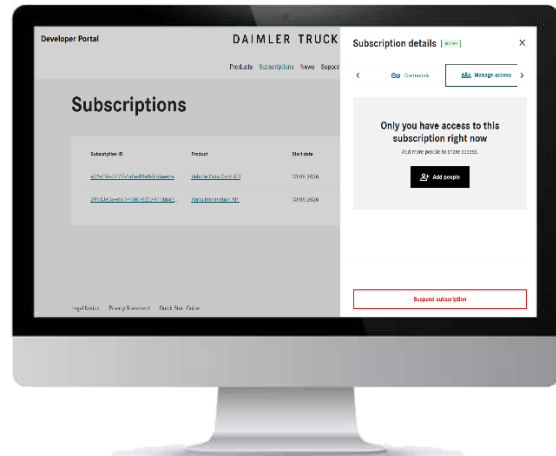
Important Points:

- Maximum 2 active credentials at any time
- ClientSecret is shown one time only - cannot be retrieved
- Only approved requests allow credential creation

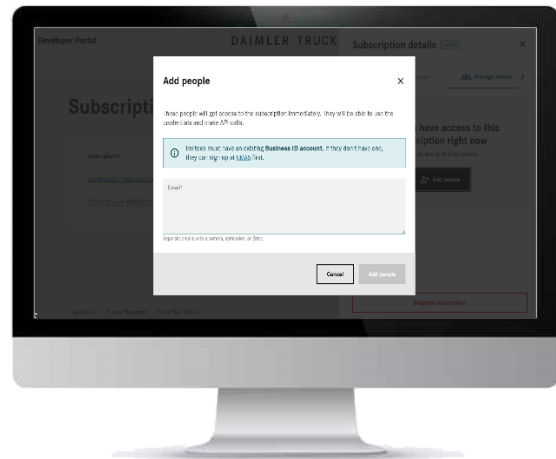
Sharing Subscriptions with your Colleagues

You can invite colleagues to share access to your approved API subscriptions and credentials. This ensures business continuity even if the original requester leaves the organization.

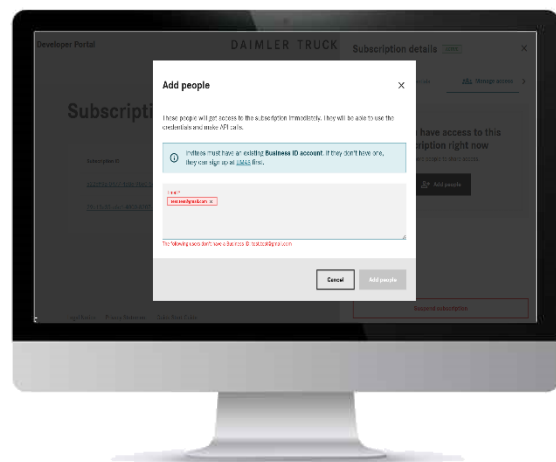
1. Open your approved request details and navigate to the **Invite / Manage Access** section



2. Click **"Invite"** and enter the email **address(es)** of the colleague(s) you want to add. Each address must have a valid BusinessID account



3. **System validates the email** - the portal checks the address against the BusinessID system. If the address cannot be found, you will be notified and can try a different email address



4. **Invitation email is sent** - your colleague(s) receive an email with instructions and a direct link to access the shared subscription

Important Points:

- The invited colleagues must have a valid account in UMAS system before the invitation is sent

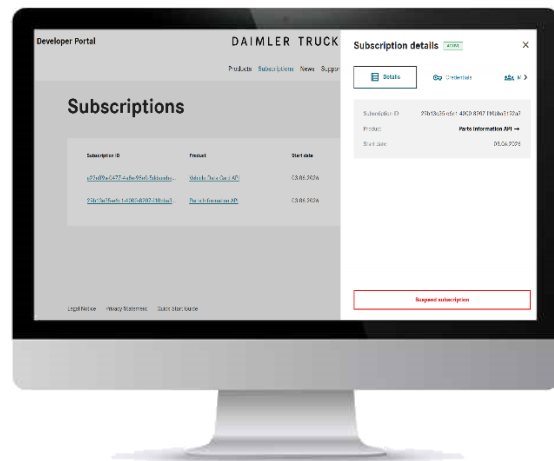
Suspending and Reactivating Your Subscription

You can suspend your API subscription at any time - for security reasons, maintenance, or business needs - and reactivate it when you are ready to resume. Changes take effect immediately.

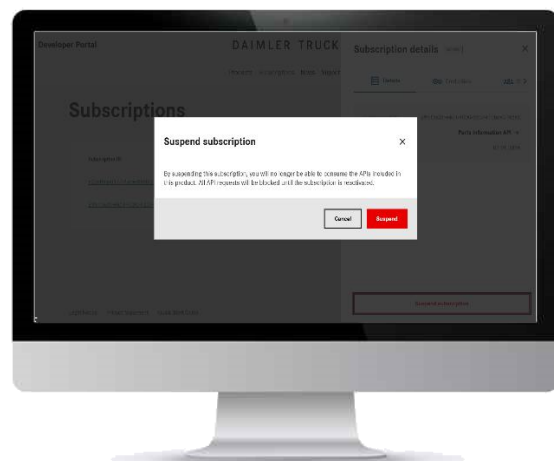
How to Suspend:

1. **Navigate to your subscription management dashboard** - find the active subscription you want to suspend

2. Click **"Suspend Subscription"** - a confirmation dialog appears, explaining the impact of suspension on your API access

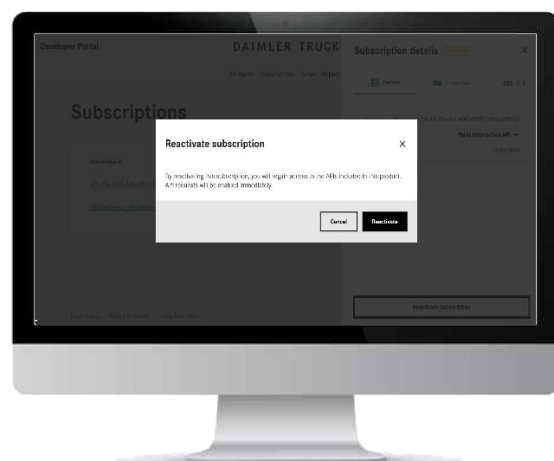


3. **Confirm the suspension** - click "Confirm Suspension" after reviewing the warning. The subscription is immediately suspended and the status updates to "Suspended"



How to Reactivate:

1. **Open the suspended subscription** - the status is displayed as "Suspended" with a Reactivate option
2. Click **"Reactivate Subscription"** - a confirmation dialog is shown before the action proceeds

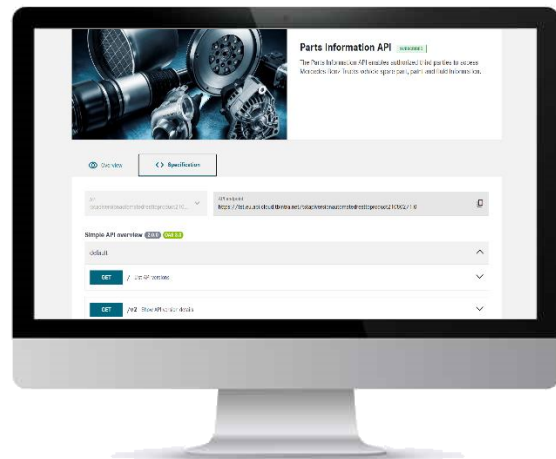


3. **Confirm reactivation** - the subscription is reactivated and the status changes to "Active". You can resume API calls immediately

Viewing the API Endpoint for Your Subscription

Once your access request is approved, the API base URL becomes visible on the product details page - giving you everything you need to start making API calls and integrating the service.

1. **Browse the API product catalog** on the Developer Portal and **open the product you have a subscription for**
2. **Open the product details page** - log in with your BusinessID credentials if you are not already authenticated
3. **API base URL is displayed** - the endpoint URL appears on the product page. Copy it and use it as the base for all API calls in your application



Authentication Guide: Obtaining Bearer Tokens from BusinessID

Overview

After completing the technical onboarding process and receiving your **clientID**, **clientSecret**, and **API base URL**, you must obtain a **bearer token** from Daimler Truck's **BusinessID** system. This token is required to authenticate API requests and must be included in the **Authorization header**.

Prerequisites

- A valid clientID and clientSecret obtained during technical onboarding
- Access to Daimler Truck's BusinessID system
- Understanding of OAuth 2.0 authentication flows

Authentication Flow

Daimler Truck BusinessID supports OAuth 2.0 client credentials flow.

Client Credentials Flow:

This flow is suitable for system-to-system communication use-cases.

Parameters:

- Token Endpoint: https://login.ciam.daimlertruck.com/3db550f0-0c7f-439b-8e24-e32bf233615d/b2c_1a_signin_oidc_row/oauth2/v2.0/token
- Grant Type: *client_credentials*
- Scope: *openid* https://dtagapim.ciam.daimlertruck.com/DTAG_API/.default

Request Example:

```
POST https://login.ciam.daimlertruck.com/3db550f0-0c7f-439b-8e24-e32bf233615d/b2c_1a_signin_oidc_row/oauth2/v2.0/token
```

```
Content-Type: application/x-www-form-urlencoded
```

```
grant_type=client_credentials
```

```
&client_id=YOUR_CLIENT_ID
```

```
&client_secret=YOUR_CLIENT_SECRET
```

```
&scope=https://dtagapim.ciam.daimlertruck.com/DTAG_API/.default
```

cURL Example:

```
curl -X POST \
  'https://login.ciam.daimlertruck.com/3db550f0-0c7f-439b-8e24-
e32bf233615d/b2c_1a_signin_oidc_row/oauth2/v2.0/token' \
  -H 'Content-Type: application/x-www-form-urlencoded' \
  -d 'grant_type=client_credentials' \ This flow requires user authentication and is suitable for
web applications where users need to authorize access.
  -d 'client_id=YOUR_CLIENT_ID' \
  -d 'client_secret=YOUR_CLIENT_SECRET' \
  -d 'scope=openid https://dtagapim.ciam.daimlertruck.com/DTAG_API/.default'
```

Token Response

After your request, you will get a JSON response containing the access token:

```
{
  "access_token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsImtpZCI6Ilg1ZVhrN...",
  "token_type": "Bearer",
  "expires_in": 3600,
  "scope": "https://dtagapim.ciam.daimlertruck.com/DTAG_API/.default"
}
```

Using the Bearer Token

Include the bearer token in the Authorization header of your API requests:

```
GET https://api.daimlertruck.com/parts-information/v1/parts
Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsImtpZCI6Ilg1ZVhrN...
```

API Versioning

Depending on the API product, the version may be specified in different ways. Check the API documentation of the product you are using to determine which versioning method applies.

Path Versioning:

The API version is included as part of the URL path.

```
GET https://api.daimlertruck.com/parts-information/v1/parts
```

```
Authorization: Bearer eyJ0eXAiOiJKV1Q...
```

Example:

```
GET https://api.daimlertruck.com/parts-information/v1/parts
```

Header Versioning:

The API version is passed as a parameter in the request header.

```
GET https://api.daimlertruck.com/<api_name>/<operation>
```

```
Authorization: Bearer eyJ0eXAiOiJKV1Q...
```

```
Version: <version_value>
```

Example:

```
GET https://api.daimlertruck.com/parts-information/parts
```

```
Version: v1
```

Please refer to individual API's documentation for the exact header name for versioning.

Query Parameter Versioning:

The API version is included as a query parameter in the request URL.

```
GET https://api.daimlertruck.com/<api_name>/<operation>?version=<version_value>
```

```
Authorization: Bearer eyJ0eXAiOiJKV1Q...
```

Example:

```
GET https://api.daimlertruck.com/parts-information/parts?version=v1
```

Please refer to individual API's documentation for the exact parameter name for versioning.

Error Handling

Common error responses

Error	Description	Solution
invalid_client	Invalid client credentials	Verify your ClientID and clientSecret
invalid_scope	Invalid scope parameter	Use the correct scope values provided above
invalid_token	Token has expired	Request a new token
invalid_grant	Invalid authorization code	Request a new authorization code

Best Practices

1. **Token Caching:** Cache tokens and reuse them until expiration
2. **Secure Storage:** Store client credentials securely, never in client-side code
3. **Token Refresh:** Implement automatic token refresh before expiration
4. **Error Handling:** Implement proper error handling for authentication failures
5. **HTTPS Only:** Always use HTTPS for token requests

Next Steps

Once you have obtained your bearer token, you can start making authenticated requests to the available API products:

- **Parts Information API:** Access comprehensive parts data
- **Vehicle Data Card API:** Retrieve vehicle specifications and details

For specific API endpoints and usage examples, refer to the individual API documentation for each product.

Product Specific Documentations

Parts Information API

For some of the products in Developer Portal, you need to provide extra headers when calling the API. Parts Information API is one of them. You can see which headers you need to send inside the Open API documentations inside the products page.

Issuer

Issuer is one of the headers you need to provide. The value needs to be a name of your project that is calling the API. Any string that will help us identifying the project/application you are sending requests from.

Permission

For accessing trucks data, please use MB.TRUCK as the value to get access to the data.