

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.

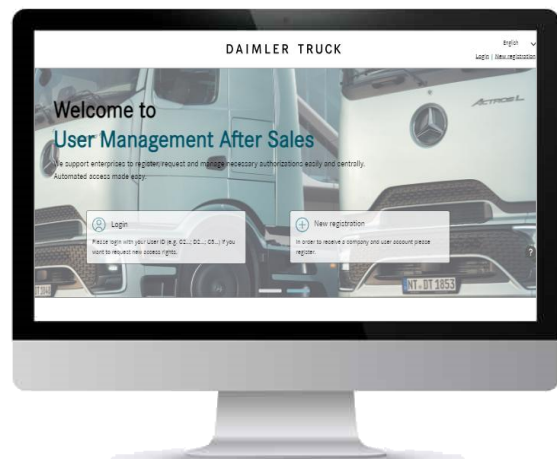
The following steps will help you set up your account via Daimler Truck **User Management After-Sales (UMAS)**.

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:

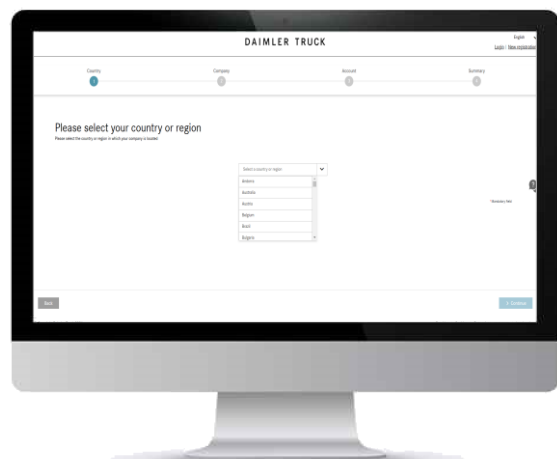
1. Click "Sign up"

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.

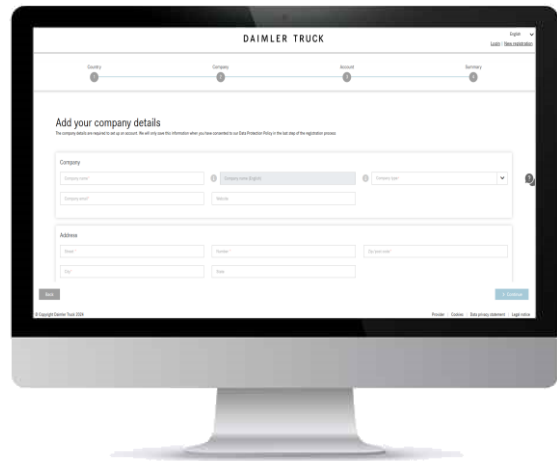


2. Select your country or region

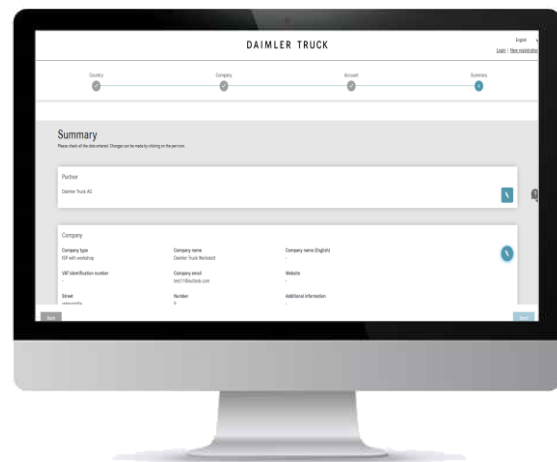
Choose the country in which your organization is based.



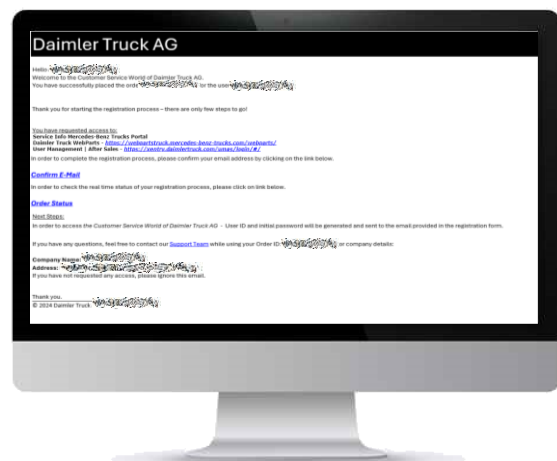
- 3. Fill in your company and user details**
 Enter your company name, address, tax information and main contact person. These details are required to set up your account.



- 4. Review and submit**
 Check your entries carefully and accept the terms and conditions before submitting your registration.

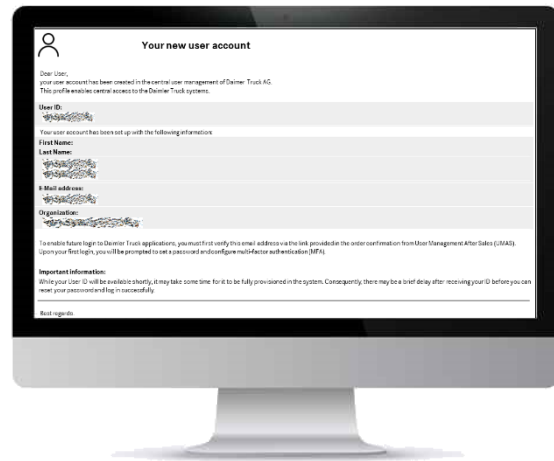


- 5. Confirm your email address**
 After submitting the form, you will receive an email confirmation. **Click the link in the email to complete your registration request.**



6. Receive your User-ID

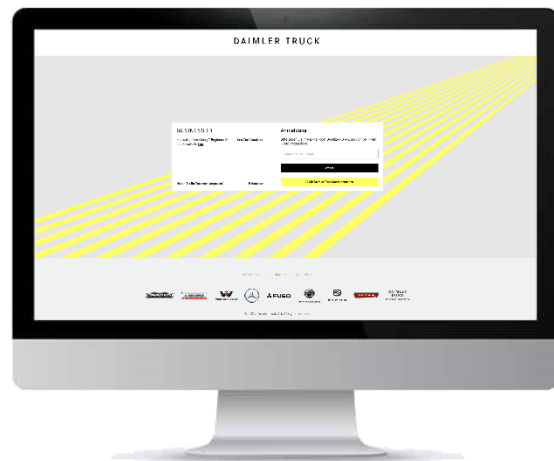
Once your registration is processed, you will receive your **User-ID** via e-mail. This email also confirms that your user has been successfully created in Daimler Truck's central user administration.



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.**



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...
```

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.