

**NAVIGATE**



# **MIAFTR Replatforming API Testing Guide**



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## Introduction

This pack is designed to help you effectively test the MIAFTR API V2 for Navigate, ensuring that all functionality performs as expected across various scenarios.

By following this process, you'll be able to:

- Validate the API's core functions
- Identify and report any issues
- Simulate real-world usage to ensure robustness and confidence in your testing.

## API Access (credentials)

To begin testing, you'll need access to our Navigate Test Environment, referred to as our Customer Verification Testing (CVT) environment. This replicates production as closely as possible but is isolated to avoid impacting live operations.

You'll have received your **API credentials** as part of your development process. Should your set-up require additional accounts – i.e. to complete testing under different roles such as management, enquiry, supply etc., then please use the [Contact Us form](#) and you will receive these from us.

Credentials will include an API key, endpoint URL and user-specific tokens. Please ensure you store credentials securely and do not share them externally.

## API Environment details

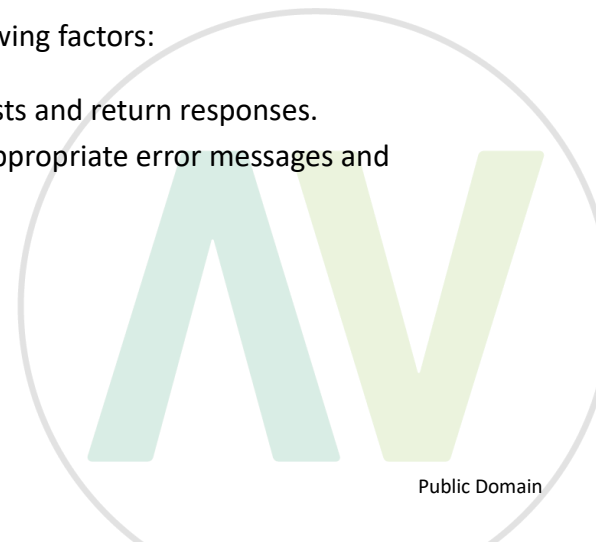
- **Access Token Endpoints:** <https://mib-claims.oktapreview.com/oauth2/aus4ala1ldDwi53NI0x7/v1/token>
- **MIAFTR API endpoint:** [api-cvt-navigate.mibtest.org.uk](https://api-cvt-navigate.mibtest.org.uk)

## API Testing Scenarios

API test scenarios can be found on the [API Testing Page](#) on our Microsite. This document contains the recommended scenarios we'd like you to test. Please test any other scenarios you feel necessary.

To ensure comprehensive coverage, please consider the following factors:

- **Basic functionality:** Verify all endpoints, accept requests and return responses.
- **Error handling:** Simulate invalid requests to confirm appropriate error messages and codes are returned.
- **Load testing:** Evaluate performance under high traffic.
- **Security:** Test authentication and data access controls.



- **Boundary testing:** Use maximum and minimum input values to test limits.

## Test data

Testing requires realistic data sets to simulate typical interactions with the API. We provide baseline data to get you started, but you'll also need to create your own for comprehensive testing coverage.

### MIB provided test data

- A pre-configured set of test data is already available in the test environment.
- This data covers common scenarios such as successful queries, errors, and edge cases.

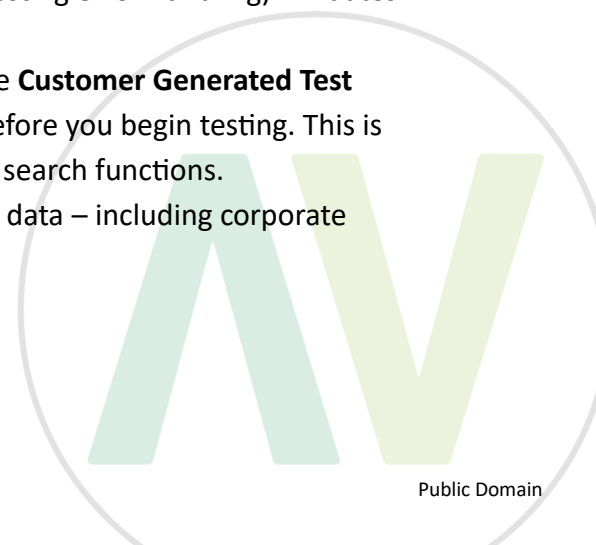
You will have been sent customer specific test data by email.

Should you require more complex test data created, please contact us with your request and our technical team will be able to support you.

### Creating your own quality test data

Creating high-quality, diverse test data is essential to ensure thorough API testing. This ensures that all potential scenarios are covered, and the API can handle various inputs effectively. Please adhere to the following guidelines when generating your test data:

1. Consider the types of data that will be required:
  - Normal data – data for most of the testing
  - Boundary data – data that will check the ranges (long names)
  - Erroneous data – data to do negative testing
2. **Don't use production data** – test data must be anonymised/ dummy data as the test environment may be kept as-is post Go-Live (there is a possibility therefore that your test data might not be removed).
3. Create a diverse list of VRMs. **You must use a 2 or 3 letter abbreviation of your org name to create unique VRMs (e.g. XY95MIB).** If all customers use 'ABC123' we will encounter errors in test that would not occur in production.
4. Any dummy claimant name can be used on multiple sets of data, but a **variety of different ones should be used** where possible.
5. Notification date must be **after** incident date (unless testing error handling). All dates must be after 01/01/2020.
6. When you create a list of your test data, please use the **Customer Generated Test Data tab** of our data spreadsheet, to document this before you begin testing. This is so you can recall the data to be used when testing the search functions.
7. Please include some special characters in the claimant data – including corporate names.



- VIN numbers are up to 20 characters and should contain letters and numbers only. MIB can provide test VIN/VRM combinations at your request for search purposes.
- 'Find address' will only provide results for postcodes that end in 'AA' (e.g. MK14 7AA). Others can be added along with the full address manually.

## Cross-channel testing

In addition to the API testing, you should also conduct cross-channel testing to verify that both API and portal channels are synced and producing the expected results. This will help identify any discrepancies and confirm that user interactions on both channels are consistent and functional. If your organisation does not currently use the MIAFTR Portal, support is available so you can use the portal channel for verification checks.

The test scenarios linked above can be used for both API testing as well as your cross-channel testing.

## Using the Navigate Portal for Validation Checks

To support end to end testing of your API, the Navigate portal can be used as a validation tool. Feel free to watch our 10-minute demo, linked below which walks you through the different portal functions – you will only need to utilise 'Search' for your validation checks.

Click [here](#) to watch our demo video

There may be things in the test Portal environment that don't currently work as expected. This is because Portal development is still ongoing as planned. You will not need to raise Portal related issues formally, but you can notify us of anything you encounter via your dedicated **Engagement Lead** or email [engagement@mib.org.uk](mailto:engagement@mib.org.uk).

Please note for users within your organisation that only access MIAFTR using the Portal, dedicated portal testing and training support will be provided in the coming months.

## Accessing the Navigate Portal

The Navigate test portal URL is as follows: <https://cvt-navigate.mibtest.org.uk/>

Once the portal is available for cross-channel testing by your organisation, you will be issued with Portal test credentials.

When logging into the test Navigate portal for the first time, you'll be prompted to set up **Two Factor Authentication (2FA)**.



You'll be sent credentials by email, which will allow you to go through the first stage of the authentication. You'll then be sent an **authentication code** by phone or email which will then allow you access.

The 2FA set up will remember your credentials for 28 days unless you clear your browser history.

To ensure you can receive the emails that automatically send the 2FA code please **whitelist** the following email address: [noreply@okta.com](mailto:noreply@okta.com).

## Need more support?

All customers have a dedicated **Engagement Lead** assigned to support you. They serve as your organisation's main point of contact for any general programme-related queries. If you don't know who your lead is, please email [engagement@mib.org.uk](mailto:engagement@mib.org.uk)

## Need to raise an issue?

For testing related or technical issues, please use the [Contact us form](#) below to submit your query. Our support team will review your request and respond within 24 hours, excluding weekends.

You will need to select one of the highlighted options below from "Area of Issue":

NAVIGATE

Home / Contact Us

Your Name\*

Email\*

Organisation

Phone No\*

Area of Issue\*

- CVT - API submission Support
- CVT - API enquiry Support
- CVT - API connection Support
- CVT - API Credentials
- CVT - Portal submission Support
- CVT - Portal enquiry Support
- CVT - Portal functionality Support
- CVT - Technical Support
- CVT - General Support
- DEV - API Integration Support

Description\*

Submit

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When you raise your query, please make sure you provide the following:

- the test scenario e.g. add claim
- the request including the test VRM
- response output
- expected results vs. test results
- the email address associated with the API credentials.

As mentioned above, if you identify anything in the portal, please raise it with the engagement team and not through this process.

[Contact Us Form  
\(click here to raise a query\)](#)

## API Testing Completion

Once all test scenarios have been executed, please complete the **API Testing Completion Form** which will be sent by email to your organisation's API technical contact. This form allows you to indicate if any defects are still outstanding. We'll retain this information, and we'll reach out to you regarding any open issues.

### Re-testing

Where possible, customers will be asked to re-test any areas that require further attention, and we'll then request that you provide an updated **API Testing Completion Form**. We'll liaise with you closer to Go-Live to agree final testing sign-off criteria.

