

MORE platform Application Programming Interface (API) integration

Instructions for integrating with the new production MORE platform API.

The following instructions explain how to register to the MORE platform, set up the API and validate a report in the production environment.



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Introduction

This document will allow you to set-up Application Programming Interface (API) functionality on the new production MORE reporting platform and validate a report prior to starting submission.

The information you need to register on the production MORE portal and how to set up the API link is given below. **If you have already registered in the new MORE platform, please skip to page 6.**

Registering on the production MORE portal

- Before you can set up the API, you will need to register on the MORE portal.
- Click on the following link [Sign in | MORE \(mhra.gov.uk\)](https://mhra.gov.uk) to access the MORE portal.
- On the MORE login page, select 'Create an account' (see *Figure 1*).

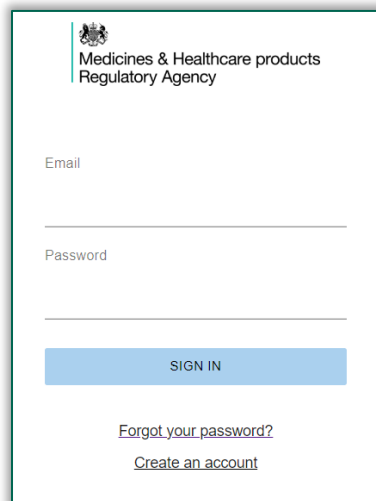


Figure 1.

- In the 'Create account' page, select your user type from the 'Select user groups' dropdown list (see *Figure 2*). Please note you can select multiple options.

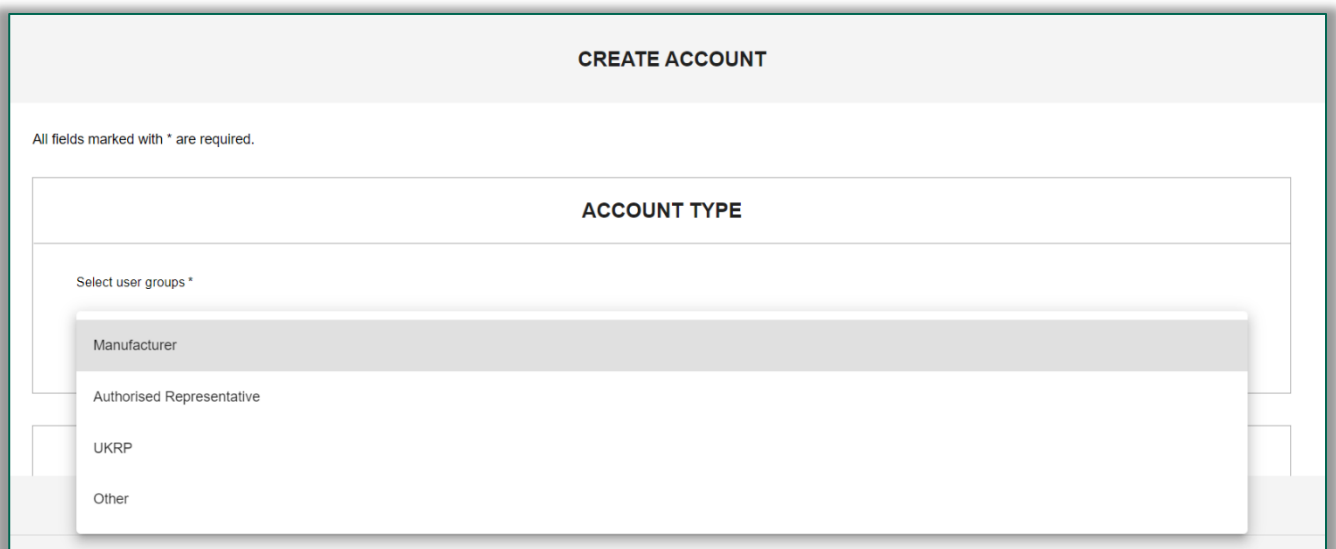


Figure 2.

- Select your organisation from the 'association' field using the look up function.


- You will need to begin typing to display and select your organisation from the drop-down field.
- The organisation(s) that you select will be pinned below this field as confirmation of selection – **please ensure the account ID is correct.**
- Add your details within the 'Personal details' fields, ensuring all mandatory fields marked with an asterix (*) are completed.
- Select your communication preference using the check box.
- Create a password using the specified criteria.
- Tick the Terms and Conditions check box.
- If all required fields are completed the 'Create user' button at the bottom of the screen will change from grey to blue.
- Select 'Create user' to submit your registration request.
- When successfully created, a pop-up confirming account creation will appear.
- Initial account registration will be approved/rejected by the MHRA or your Organisation Lead (depending on whether you are the first user to register for your organisation), and you will receive an email confirming this.
- Once your account is approved you will be able to select your organisation when you log in with your email and password.
- Select the organisation from the drop-down list and enter. You will only be able to view organisations for which you have been approved*.
- You will then have access to your organisation dashboard and menu options.

*If you see something unexpected such as the wrong organisation, please contact us at aic@mhra.gov.uk

Setting up the API

API details

Once your registration has been approved, you will be able to set up the API. To set up a reporting API:

- An App ID and API Key are required before making requests to the MORE Incident API
- You can view your App ID and create an API Key within the 'Developer' area in the MORE portal - click on burger menu  and the 'Developer' area is located near the bottom of the drop down list.
- Click 'Generate API Key' (blue button) and then enter a name of your choice into the pop-up and press 'Generate' – an API Key will be created for you.
- Copy the X-App-ID and API Key values over to your internal system.
- Once logged in and configured, you can start securely submitting reports.

In order to complete the integration, your IT/technical team should use the following API documentation to create system-interface. Full API documentation is available at <https://more-developer-api.redant.cloud/>

Submitting a report

The following table is available in the Developer area (see *Figure 3*) which will display the Organisation ID(s) for any manufacturer organisations you are associated to. **The Organisation ID number is different from the Account number you used to register.**

Please use the following ID(s) when setting up 3rd Party Manufacturer API integration to ensure you are passing reports to the correct organisation.






ORGANISATION ID(S)		
Organisation	Organisation ID	
1 st Surgical Instruments	12733	
100 Ltd	6991	
1066 Crown & Bridge	3365	
1066 Dental Laboratory Ltd	9933	
11 Health & Technologies Limited	12121	

Figure 3.

When submitting a report via the incident API:

- Identify the organisation you want the report to be associated to
- Copy the organisation ID by clicking the 'copy' button  on the far right in the table
- Put the organisation ID in the request body of the API call in the 'envelope -> receiverOrganisation -> id' field

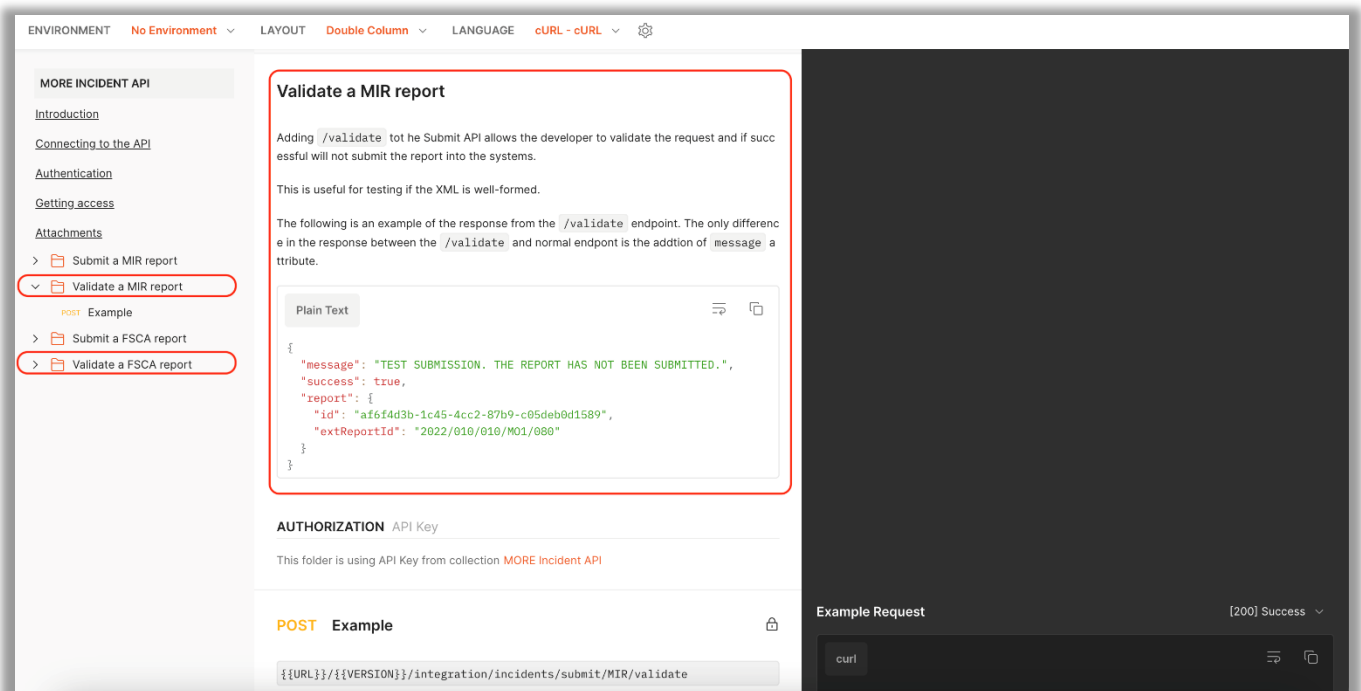
You should only ever copy the organisation ID of a manufacturer organisation. Please do not choose a UKRP or Auth Rep (NI) organisation. This is because all reports are submitted against a manufacturer, so if set up is done for Representative reports they will not be received by the MHRA.

Data security and encryption

The system conforms to ISO 27001 and UK General Data Protection Regulation (GDPR) requirements. All communication is encrypted via HTTPS (TLS V1.2).

Validating an xml report

Once your registration request has been approved and the API is set-up, you will be able to test the link is working by using the /validate endpoint. Further details on this can be found in the Full API documentation <https://more-developer-api.redant.cloud/>



The screenshot displays the Redant API documentation for the 'Validate a MIR report' endpoint. The sidebar on the left lists navigation options under 'MORE INCIDENT API', with 'Validate a MIR report' highlighted. The main content area, titled 'Validate a MIR report', explains that the /validate endpoint allows developers to validate requests without submitting them. It includes an example JSON response in a 'Plain Text' code block:

```
{
  "message": "TEST SUBMISSION. THE REPORT HAS NOT BEEN SUBMITTED.",
  "success": true,
  "report": {
    "id": "af6f4d3b-1c45-4cc2-87b9-c05deb0d1589",
    "extReportId": "2022/010/010/MO1/080"
  }
}
```

Below the code block, the 'AUTHORIZATION' section indicates that the API Key is used for authentication. At the bottom, the 'Example Request' section shows the curl command for the endpoint: `curl -X POST https://{{URL}}/integration/incidents/submit/MIR/validate`.

Please can you confirm with the MHRA once you have set up and successfully tested the API.

Providing feedback

We would like to hear your feedback on:

- How you found the set-up of the API?
- Was the API documentation clear and easy to understand? If no, how can this be improved
- If you experienced any issues, what were they and how easily were they to resolve?
- Any general feedback.

Please send your feedback to aic@mhra.gov.uk.

When contacting the MHRA, please use an email heading with the format: 'MORE API + [COMPANY NAME]' – this will ensure your email is addressed as quickly as possible.

Any issues

If you experience any issues or would like to talk to someone regarding the set-up, please contact us at aic@mhra.gov.uk

Glossary

Acronym	
API	Application Programming Interfaces
MHRA	Medicines and Healthcare Products Regulatory Agency
MORE	Manufacturer's On-line Reporting Environment

Revision History

Version No.	Effective date	Change
1.0	Feb-23	
1.1	Feb-23	Paragraph added to clarify that only manufacturer organisation IDs should be copied from the developer area
1.2	March-23	Line added to highlight the difference between organisation ID and account number