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**CTC Traders API**

**Application for Production Credentials Checklist**

June 2021

You must fill in this form completely and use it to:

* give us information about your business, software application and technical details
* show us your test results and how you meet our acceptance criteria
* carry out the tests as listed in the [NCTS 4 CTC Traders API Test Pack](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/979553/CTC-API-Test-Pack-v-1.odt) and then send your evidence to us to check
* document any additional information we need
* send us feedback about how you tested your software and our Guide to Testing
* we will send your production credentials and login details after we complete our checks

1. **Information about your business**

* business name:
* business address:

Provide links to the following **where applicable**:

* company website:
* Linkedin.com business profile:
* business Twitter account:
* Company Registration Number (CRN) 8 digit number if you are a limited company:

For UK based companies, you can find this on the [Companies House Register](https://www.gov.uk/get-information-about-a-company)

For overseas companies, you can find this at one of the [Overseas Registries](https://www.gov.uk/government/publications/overseas-registries/overseas-registries)

1. **Information about your software application**

**Tell us the sandbox name and ID you used when testing our CTC Traders API**

* sandbox Application Name:
* sandbox Application ID:

**Tell us your Production Application Name and ID**

* Production Application Name:
* Production Application ID:

(You can find this in the URL on the ‘Get production credentials page’)

**Tell us the type of software are you using**

* Are you using Software as a Service (SaaS) software? **Yes  No**
* Are you using an on-premise software solution? **Yes  No**

If on-premise, how many production applications do you require? Number required:

1. **Rate limit**

The standard rate limit is currently [3 requests per second per application](https://developer.service.hmrc.gov.uk/api-documentation/docs/reference-guide).

* Will this be enough for your production application? **Yes  No**

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| If unsure explain why: |

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| **If you need a rate limit above this standard, answer all of these questions:** |
| 1. Why will your application exceed the 3 requests per second standard rate limit? |
| Answer and evidence: |

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| 1. Provide historical data to provide evidence your application has exceeded this rate limit previously. |
| Answer and evidence: |

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| 1. Provide usage data showing the number of API calls made. Give details of your forecasts showing the calculation of what peak scenario traffic might look like. |
| Answer and evidence: |

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| 1. How many times does your application call the API in one session? |
| Answer and evidence: |

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| 1. Do you use batch processing? If yes, provide more details about how you do this and how often. |
| Answer and evidence: |

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| 1. If the standard rate limit is not increased from 3 requests per second, how will this impact your business? |
| Answer and evidence: |

* your test submissions must have taken place in the last 14 calendar days
* you may be asked to **re-test your software** if your results and evidence are

older than 14 days

1. **Movement data capping limit – important information for you to understand**

When you submit a request to 'GET all movements' against a single EORI enrolment,

we’ll limit the number of movements you’ll get back to **5,000** movements. We have

introduced filtering functionality for you to use when you **‘GET all movements’** so that

you will receive movements that have been updated since a specified date and time.

This affects the ‘[GET all movements arrivals](https://developer.service.hmrc.gov.uk/api-documentation/docs/api/service/common-transit-convention-traders/1.0#_get-all-movement-arrivals_get_accordion)’ and ‘[GET all movement departure](https://developer.service.hmrc.gov.uk/api-documentation/docs/api/service/common-transit-convention-traders/1.0#_get-all-movement-departures_get_accordion)s’ endpoints.  
  
You must add this feature to your software in order to specify the date and time.

This will let you:

* filter data results using a date and time that you specify
* only get and see data results tailored to your own needs
* avoid seeing large amounts of unnecessary data results
* get back data which is easier to manage and more insightful

If you do not use this optional feature, you will only get up to the most recent 5,000 movements. Any additional movements within the last 28 days above this cap **will not be returned.**

* Do you expect to exceed this limit for your GET all movements?

**Yes  No**  **Don’t know**

* If you expect to get more than 5,000 results, you must use the filtering functionality.

Do you expect to use the filtering functionality?

**Yes  No**  **Don’t know**

* If you are unsure then please speak to your BRM or email to [SDST@hmrc.gov.uk](mailto:SDST@hmrc.gov.uk) to set up a session with the CTC team to discuss the cap and how you can make use of filters.

1. **Testing arrivals messages for both Great Britain and Northern Ireland**

Our CTC Traders API has the following Arrivals endpoints.

* give us the URL, time and date of submission of your test results. You can copy and paste your results into the table below
* this is the evidence to show you have tested against these Arrival endpoints:

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| **1. Get all Movement Arrivals**  /customs/transits/movements/**arrivals** |
| URL, time and date of submission: |

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| **2. Send an Arrival Notification**  /customs/transits/movements/**arrivals** |
| URL, time and date of submission: |

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| **3. Get a Movement Arrival for an arrival ID**  /customs/transits/movements/arrivals/**{arrivalId}** |
| URL, time and date of submission: |

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| **4. Resubmit an Arrival Notification message**  /customs/transits/movements/arrivals/**{arrivalId}** |
| URL, time and date of submission: |

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| **5. Get all messages that relate to a Movement Arrival**  /customs/transits/movements/arrivals/{arrivalId}/**messages** |
| URL, time and date of submission: |

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| **6. Send a message related to a Movement Arrival**  /customs/transits/movements/arrivals/{arrivalId}/**messages** |
| URL, time and date of submission: |

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| **7. Get a message relating to a Movement Arrival and message ID**  /customs/transits/movements/arrivals/{arrivalId}/messages/**{messageId}** |
| URL, time and date of submission: |

1. **Testing departure messages for both Great Britain and Northern Ireland**

Our CTC Traders API has the following Departure endpoints.

* give us the URL, time and date of submission of your test results
* this will be your evidence that you have tested against these Departure endpoints:

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| **1. Get all Movement Departures**  /customs/transits/movements/**departures** |
| URL, time and date of submission: |

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| **2. Send a Declaration Data Message**  /customs/transits/movements/**departures** |
| URL, time and date of submission: |

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| **3. Get a Movement Departure for a departure ID**  /customs/transits/movements/departures/**{departureId}** |
| URL, time and date of submission: |

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| **4. Get all messages relating to a Movement Departure**  /customs/transits/movements/departures/{departureId}/**messages** |
| URL, time and date of submission: |

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| **5. Send a message related to a Movement Departure**  /customs/transits/movements/departures/{departureId}/**messages** |
| URL, time and date of submission: |

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| **6. Get a message relating to a Movement Departure and message ID**  /customs/transits/movements/departures/{departureId}/messages/**{messageId}** |
| URL, time and date of submission: |

1. **Trader Test Pack for Message Exchange Scenarios**

Our CTC Traders API uses the [NCTS 4 CTC Traders API Test Pack](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/979553/CTC-API-Test-Pack-v-1.odt)

* provide evidence of how you conducted these tests against the test pack
* we will use this test evidence to check that your software is compatible

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| **Message Exchange Scenarios** |
| DECLARATION 1 – GB to IT Safety and Security **Simplified Departure with Missing Place of Loading Code** |
| Test Messages or response XML (as attachment) |

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| DECLARATION 2 – GB to IT **Normal Declaration with Cancellation Request** |
| Test Messages or response XML (as attachment) |

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| DECLARATION 3 – GB to IT **Normal Declaration - Released for Transit** |
| Test Messages or response XML (as attachment) |

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| DECLARATION 4 – GB to IT **Normal Declaration with Customs Sub Place** |
| Test Messages or response XML (as attachment) |

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| DECLARATION 5 – GB to IT **Simplified Departure -** **Authorised Consignor** |
| Test Messages or response XML (as attachment) |

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| DECLARATION 6 – GB to IT **Safety and Security - Normal Declaration** |
| Test Messages or response XML (as attachment) |

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| DECLARATION 7 - GB to IT **Simplified Declaration with Guarantee Not Valid** |
| Test Messages or response XML (as attachment) |

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| DECLARATION 8 – GB to IT **Simplified Declaration unable to determine duty – no Guarantee Reference Amount** |
| Test Messages or response XML (as attachment) |

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| DECLARATION 9 – GB to IT **Safety & Security Simplified Declaration at Departure** |
| Test Messages or response XML (as attachment) |

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| DECLARATION 10 - GB to IT **Normal Procedure with Multiple Office of Transit / Goods Items with Additional Information** |
| Test Messages or response XML (as attachment) |

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| DECLARATION 11 - NI to GB **Safety and Security: Simplified Departure with Missing Place of Loading Code** |
| Test Messages or response XML (as attachment) |

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| DECLARATION 12 - NI to GB **Normal Declaration with Cancellation Request** |
| Test Messages or response XML (as attachment) |

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| DECLARATION 13 - NI to GB **Released for Transit: Normal Declaration** |
| Test Messages or response XML (as attachment) |

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| DECLARATION 14 - NI to GB **Normal Declaration with Customs Sub Place** |
| Test Messages or response XML (as attachment) |

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| DECLARATION 15 - NI to GB **Simplified Departure – Authorised Consignor** |
| Test Messages or response XML (as attachment) |

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| DECLARATION 16 - NI to GB **Safety and Security: Normal Declaration** |
| Test Messages or response XML (as attachment) |

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| DECLARATION 17- GB to NI **Simplified Departure: Normal Arrival with Rejection Notification** |
| Test Messages or response XML (as attachment) |

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| DECLARATION 18 - GB to NI **Simplified Departure: Simplified Arrival** |
| Test Messages or response XML (as attachment) |

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| DECLARATION 19 - NI to GB **Simplified Declaration with Guarantee Not Valid** |
| Test Messages or response XML (as attachment) |

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| DECLARATION 20 - GB to NI **Simplified Arrival, Non Satisfactory Unloading Remarks** |
| Test Messages or response XML (as attachment) |

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| DECLARATION 21 - NI to GB **Simplified Declaration with No Guarantee Liability Amount** |
| Test Messages or response XML (as attachment) |

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| DECLARATION 22 - NI to GB **Safety and Security Simplified Declaration at Departure** |
| Test Messages or response XML (as attachment) |

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| DECLARATION 23 - NI to IT **TIR Declaration** |
| Test Messages or response XML (as attachment) |

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| DECLARATION 24 - NI to IT **Invalid TIR Declaration with rejection due to missing TIR Holder ID** |
| Test Messages or response XML (as attachment) |

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| DECLARATION 25 - GB to IT **CTC API additional test scenario. Multiple Office of Transit / Good Items with Additional Information – Normal Procedure** |
| Test Messages or response XML (as attachment) |

1. **Other testing**

To support your application, provide us with evidence of any other software testing you have completed. For example, this can be:

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| Have you tested with realistic movement data that simulates the likely number of items, produced documents, special mentions and seals, that your users will submit in a single movement? |
| Your answer: |

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| Have you tested a realistic simulation of the likely volume of your movements that your users will submit and receive simultaneously? |
| Your answer: |

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| Have you tried other scenarios? |
| Your answer: |

1. **Additional information**

Add other evidence here to support your application for production credentials:

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| Do you have plans to do your own private beta? |
| Your answer: |

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| What is your expected go live date? |
| Your answer: |

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| If your roll out is not immediate, when do you expect your rollout to finish? |
| Provide date |

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| What is the maximum number of messages that you would expect you or your users to use, when submitting messages using a single EORI enrolment, over a 28 day period? |
| Provide maximum number:  Provide date |

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| How many EORI enrolments do you expect each of your applications to use in a 28 day period? |
| Provide number of applications and enrolments for each one:  Provide date |

1. **What to do next**

When you have completed this form, email it as a word attachment to [SDST@hmrc.gov.uk](mailto:SDST@hmrc.gov.uk)

We would welcome feedback to help us continually improve. Please email us your feedback about the following:

* this Application for Credentials Checklist document
* CTC API Guide to Testing
* CTC Developer Hub
* any other CTC documentation

**Thank you**

**CTC Traders API team**

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