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**CTC Traders API**

**Application for Production Credentials Checklist**

October 2021

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| You must fill in this form 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 any relevant tests 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) * document any additional information we need   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?

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 an Economic Operator Registration and Identification Number (EORI), 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 -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 have more than 5,000 movements in flight at the same time?’

**Yes ☐ No ☐** **Don’t know ☐**

* How many EORI enrolments do you expect each of your applications to use in a 28 day period? Provide the number of applications and also the number of enrolments for each:
* 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.

* Please evidence your testing by providing the URL, time and date of submission for each of the following Arrivals 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**

* Please evidence your testing by providing the URL, time and date of submission for each of the following Departures 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: |

**Thank you**

**CTC Traders API team**

Updated 05.10.21