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Customer Integration Onboarding

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| The Team Global Express standard process for Customer Integration. |

**Version:** [4.1.2306]

**Version Date:** [23/6/2023]

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| Team Global Express Business Units |

Below are the active Team Global Express carriers you can integrate with as of 26/06/2023

|  |  |
| --- | --- |
| **Team Global Express Carrier Name** | **Business Unit Code** |
| Intermodal and Specialised (PE) | IntermodalSpecialised |
| Courier | Courier  |
| IPEC | IPEC |
| Priority (Aus) | PriorityAustralia |
| Priority (NZ) | PriorityNewZealand |
| Tasmania | Tasmania |

(Sometimes the business unit is referred to as the ***carrier***.)

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| API Connectivity |

* 1. Shipment API Connection Methods

There are 2 methods that a customer can use to deliver a Team Global Express Message to Team Global Express. These are

* Web Service Call via HTTPS
* Secure File Transfer Protocol (SFTP) – Currently, SFTP is only available for Team Global Express Message - Manifest documents. No other messages are supported.
* the security protocol we use is TLS 1.1/1.2

Team Global Express’s preferred Connection method is via HTTPS. To setup a successful HTTPS connection to the Team Global Express API you need to ensure you are applying

* Basic Authentication as the Authorisation protocol (Team Global Express will provide these details once API registration has occurred)
* Two Headers are to be applied to the HTTPS call
	+ - Accept, where the value will be “application/xml” or “application/json”, pending the format you are posting the API in.
		- Content-Type, where the value will be “application/xml” or “application/json”, pending the format you are posting the API in.
* Within the request the Body of the Request will be declared as the “Raw” content of the Payload you are posting
	1. API Headers

Below is a snapshot of some the Headers within the Team Global Express Message Format, some of these values are variable values that are unique to the customer.

* MessageIdentifier: This is a unique identifier value, you can apply the value of “{{$guid}}” or apply a value to the GUID standard, “{{$guid}}” can only be applied for HTTPS transfer and not via SFTP
* DocumentType: This Value represents the API call you are making, the valid values are
	+ - Manifest
		- Booking
		- RateEnquiry
		- ReturnShipment
* Environment: The Environment declared will be “MYT\_PS” for UAT and “PRD” for Production
* SourceSystemCode: This value will be supplied to you from Team Global Express Once API credentials are supplied. This value will vary based on the Team Global Express Business Unit you when posting the Manifest API. For all other API calls you need to supply the same value as per the value within Message Sender. When posting a Manifest API Team Global Express will supply you with a connote range, matching that Connote Range will be the SourceSystem Code. For example, PriorityAustralia Requires a ShipmentID structure of SLID+six numeric values. If the SLID equal ABCD the SourceSystemCode will also be ABCD
* MessageSender: This value will be supplied to you from Team Global Express Once API credentials are supplied, usually applied as the Domain of the email used to register the API account against
* MessageReceiver: This value will always be “TOLL” as Team Global Express is receiving the message

|  |  |
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| **Header Specifications** | **Team Global Express Message Definitions** |
| [**Header.zip Download**](https://teamglobalexp.com/documents/37444/985158/Header.zip) | [**MIG.zip Download**](https://teamglobalexp.com/documents/37444/985158/MIG.zip/) |

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| Manifest/Shipment Requirements (Manifest API) |

To successfully create shipments within Team Global Express you will require to develop the below independently for each carrier of Team Global Express you are shipping freight with at a minimum. Shipment API

* Labels
* Manifest
* Connotes (Depending on the business unit)

To successfully transmit shipment API’s to Team Global Express we will need to provide you with a MyTeam Global Express username and password as well as a Trading Partner ID to post the XML or JSON files to. You will be provided with these credentials once the Team Global Express integration team has validated your file(s) in the testing phase and passed successfully. For a MyTeam Global Express Login you will need to provide Team Global Express with a valid company email address, it is recommended to supply a generic email account that is specific to API’s for example B2BCustomerName@Domain.com (example integrate@yourdomain.com). To Register for a MyTeam Global Express account please go to [www.MyTeamGE.com](http://www.MyTeamGE.com).

Below are the elements required for each Team Global Express business. Printed connotes are only required for certain businesses which are listed below.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Service / Business** | **Carrier Code** | **Printed Label Required** | **Printed Connote Required** | **Printed H2H Connote Required** | **Printed Manifest Required** | **Shipment API** | **Booking API** |
| **IPEC** | IPEC | Yes (Portrait) | No | No | Yes | Yes | Optional |
| **Priority (Aus)** | PriorityAustralia | Yes (Portrait) | No | Yes(H2H Services) | Yes | Yes | Optional |
| **Priority (NZ)** | PriorityNewZealand | Yes (Portrait) | No | No | Yes | Yes | Optional |
| **Intermodal & Specialised** | IntermodalSpecialised | Yes (Landscape, 2 per pallet) | Yes | No | Yes | Yes | Yes |
| **Courier** | Courier | Yes (Portrait) | No | No | Yes | Yes | Optional |
| **Tasmania** | Tasmania | Yes (Landscape, 2 per pallet) | Yes | No | Yes | Yes | Yes |

* 1. Shipment API

The Team Global Express message (ToM) is the shipment API to submit to Team Global Express for each business unit and the respective shipments

The format of this API can be in XML or JSON. The data contained within this XML/JSON file is replicated when producing the manifest. An API Shipment needs to be created for each Team Global Express business unit and cannot be consolidated across multiple Team Global Express Business Units. Shipment API’s are submitted to the below URL’s via an XML or JSON format.

There is a limitation of the file size that can be submitted in one request against Shipments. This limitation is 14MB over SFTP and 5MB via HTTPS. If you are posting the Shipment API via SFTP you will need to name the files in the format tom\_manifest\_\*.xml or tom\_manifest\_\*.json. if the file name does not commence with “tom\_manifest” we will not collect this file for processing, the Asterix is represented by a date/time stamp value in no particular format.

It is highly recommended that when developing the Manifest API a retry/resend process is also designed to ensure that upon any failures or request from Team Global Express team to resend specific ShipmentID or SSCC values there is the ability to send. It is also recommended to ensure the correct error handling is developed when receiving error responses from the API.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **API Team Global Express Message Specifications** | **Team Global Express Message JSON Schema** | **Team Global Express Message XSD** | **ToM XML Samples** | **ToM JSON Samples** | **ToM Manifest Sample Responses** | **Certificates** |
| [**ManifestMIG.zip Download**](https://teamglobalexp.com/documents/37444/985020/ManifestMIG.zip/) | [**JSON Swagger.zip Download**](https://teamglobalexp.com/documents/37444/985020/JSON%2BSwagger.zip/) | [**TeamGE XSD Download**](https://teamglobalexp.com/documents/37444/985020/XSD.zip/) | [**XML.zip Download**](https://geconnect.teamglobalexp.com/documents/37444/985020/XML.zip/) | [**JSON.zip Download**](https://teamglobalexp.com/documents/37444/985020/JSON.zip/) | [**Manifest Response.zip Download**](https://teamglobalexp.com/documents/37444/985020/Manifest%2BResponse.zip/) | [**API Certificates.zip Download**](https://teamglobalexp.com/documents/37444/985020/API%2BCertificates.zip/) |

|  |  |  |
| --- | --- | --- |
| **Environment** | **HTTPS Address Manifest API** | **SFTP Address** |
| Test | https://api-uat.teamglobalexp.com:6930/gateway/TollMessageManifestRestService/1.0/tom/receiveManifest | sftp://api-uat.teamglobalexp.com:4524 54.253.43.126 |
| Production | https://api.teamglobalexp.com:6930/gateway/TollMessageManifestRestService/1.0/tom/receiveManifest | sftp://api. teamglobalexp.com:4524 3.104.241.217 |

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| Printed Labels |

* 1. Label Requirements

A sticker label is required to be placed on each item despatched for each business unit below. Where an SSCC barcode is required you will need to advise Team Global Express if you will be utilising Team Global Express’ company prefix and SSCC range or your own. If an external company code is required, you will need to advise Team Global Express in the early stages of development the GS1 company code.

As part of the label requirements a Team Global Express depot code needs to be displayed, please refer to APPENDIX B: Suburb Data

Within the label there is a requirement to display the Depot Code for Each Team Global Express Business Unit. The Depot Code is contained within the Suburb Data in APPENDIX B: Suburb Data.

There are also certain check Digit Algorithms that are required to formulate a Valid barcode, please refer to APPENDIX C: Check Digit Calculations

|  |  |  |  |
| --- | --- | --- | --- |
| **Service / Business** | **Label Type** | **SSCC Required** | **Number of Labels per item** |
| **IPEC** | Portrait | Yes | 1 |
| **Priority (Aus)** | Portrait | Yes | 1 |
| **Intermodal & Specialised** | Landscape | Yes | 2 |
| **Courier** | Portrait | Yes | 1 |
| **Tasmania** | Landscape | Yes | 2 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Label Samples** | **Team Global Express Logo** | **Label Specifications** | **QR Code Label Sample Data** |
| [**Label Samples.zip Download**](https://teamglobalexp.com/documents/37444/985180/Label%2BSamples.zip/) | [**TeamGE Logo.zip Download**](https://teamglobalexp.com/documents/37444/985180/TeamGE%2BLOGO.zip/) | [**TeamGE Label Specifications.zip Download**](https://teamglobalexp.com/documents/37444/985180/Common%2BLabel%2BSpecification.zip/) | [**Label QR Sample.zip Download**](https://teamglobalexp.com/documents/37444/985180/Common%2BLabel%2BSpecification.zip/) |

* 1. Linear Barcode Requirements

When developing the Portrait Label you need to consider applying a specific barcode format against the Linear/1D Barcodes. When developing the SSCC and EAN/Destination barcode you need to ensure you apply the Barcodes in Code 128 Subset C format. Together with the Subset C element you will need to ensure you apply the FNC values as per the Label specification. Below is a document expanding on how to apply the barcodes in Subset C format as well as the FNC values. There is also an image that indicates how you can identify when the FNC value together with Subset C is applied correctly.

|  |  |
| --- | --- |
| **Detailed Code 128** | **Subset C Image** |
| [**CODE 128.zip Download**](https://teamglobalexp.com/documents/37444/985188/CODE%2B128.zip/) | [**Subset C.zip Download**](https://teamglobalexp.com/documents/37444/985188/Subset%2BC.zip/) |

* 1. ZPL/PDF Code Requirements

Depending on how the label is developed you may require the ZPL or PDF codes for development of Team Global Express’s labels.

Please find below samples of Team Global Express’s ZPL code as well as the PDF Codes (JSON format). The definition of the ZPL codes can be referred via the link below.

[Zebra Programming(ZPL Guide)](https://www.zebra.com/content/dam/zebra/manuals/printers/common/programming/zpl-zbi2-pm-en.pdf)

|  |  |
| --- | --- |
| **GE Label ZPL Codes** | **GE Label PDF Codes** |
| [**GE Label ZPL Codes.zip Download**](https://teamglobalexp.com/documents/37444/985191/GE%2BLabel%2BZPL%2BCodes.zip/) | **[GE Label PDF Codes.zip Download](https://teamglobalexp.com/documents/37444/985191/GE%2BLabel%2BPDF%2BCodes.zip/)** |

* 1. Label Specific Elements

When developing the label there are certain elements that are fixed values within the Barcode as well as elements that need to be applied

* The FNC1 is an invisible character that must be applied in front of the respective AI values
* The AI Values are fixed values against each format
	+ - “401” and “420” for the Landscape Label
		- “421” and” 403” for the Portrait Label
* The Country Code value is a fixed value of “036” against the Portrait Label
* The Extension Digit is always “0” if the SSCC range is supplied by Team Global Express and unless advised otherwise
	1. SSCC Allocation

When creating the Label, there is a vital element relative to the Item number. The Item number is derived base on the Global SSCC Format. The customer has two options

* Adopting your own SSCC Range and having it setup for the Team Global Express API’s
* Team Global Express to provide an SSCC Range

When an SSCC Range is allocated and calculated the below Factors need to be considered when calculating the Correct 20-digit SSCC Item Number. Noting the underlined values are examples of the values provided.

AI = 00 (Fixed Value)

EXT Digit = 0 (Variable Value)

Company code = 9327510(Variable Value)

Range = 195059944-195060443

And Check digit = Calculated from the above

* 1. Limited Quantities Label

When creating a label with Respect to Dangerous Goods and Limited Quantities (LQ) you need to ensure the correct elements are declared within the Label. Please ensure you confirm to the below when generating a shipment with LQ freight

* The Label should only be declared as DG “YES” within the visual Display and within the QR Code for items that only contain Dangerous Goods
* The weight declared on the Label should be the gross weight of the individual Shipment Item/Outer Packaging
* The service name on the label requires the service Name to be extended with “LQ” at the end identifying this carton is LQ. For example if you are sending a Road Express Service where some cartons contain LQ, the service name on the label needs to be declared as “Road Express - LQ”
* The declaration on the Label *“Consignment contains dangerous goods packed in limited quantities”*

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| Printed Connotes |

* 1. Connotes

A paper connote is required for freight shipments with a bulk requirement. The current Team Global Express business units that fall in to this category are as per below. A connote is printed in A4 portrait and is a summary of all the shipment details for each individual shipment. If the content of the data exceeds the space available within each field, a second page is required replicating the same format across the next page of the connote. The continuous pages will be labelled as “Page 2 of 2” and so forth.

If you are transporting Dangerous Goods and a Connote is required for the respective Carrier,the DG documentation is to the standard below. No further DG documentation is required to travel with the Shipment. Otherwise you will need to supply DG Documentation.

|  |  |
| --- | --- |
| **Service / Business** | **Connote Required** |
| **IPEC** | No |
| **Priority (Aus)** | No |
| **Priority (NZ)** | No |
| **Intermodal & Specialised** | Yes |
| **Courier** | No |
| **Tasmania** | Yes |

|  |  |  |
| --- | --- | --- |
| **Connote Examples** | **Connote Specifications** | **H2H specifications** |
| [**Connotes.zip Download**](https://teamglobalexp.com/documents/37444/988542/Connotes.zip/) | [**Consignment Note Spec.zip Download**](https://teamglobalexp.com/documents/37444/988542/Consignment%2BNote%2BSpec.zip/) | [**H2H Spec.zip Download**](https://teamglobalexp.com/documents/37444/988542/H2H%2BSpec.zip/) |

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| Printed Manifest |

* 1. Manifest

A printed manifest is required for all businesses in Team Global Express. A manifest will be printed in landscape A4 and is a summary of all connotes transmitted to Team Global Express per day for each business unit. The content of the manifest reflects the same data contained within the Shipment API of each business unit and is also reflected with the same data when submitting a pickup API. Two copies of the manifest are required at point of freight collection. One for the Team Global Express Driver and one to remain at point of Pickup.

You can validate the QR code against the Schema below via <https://www.jsonschemavalidator.net/> against your own JSON code within the QR

|  |  |  |  |
| --- | --- | --- | --- |
| **Manifest Example** | **Manifest Specifications** | **Manifest QR Sample JSON** | **QR CODE Manifest Schema** |
| [**Sample Manifest.zip Download**](https://teamglobalexp.com/documents/37444/988539/Sample%2BManifest.zip/) | [**Common Manifest Specification.zip Download**](https://teamglobalexp.com/documents/37444/988539/Common%2BManifest%2BSpecification.zip/) | [**Manifest QR JSON Sample.zip Download**](https://teamglobalexp.com/documents/37444/988539/Manifest%2BQR%2BJson%2BSample.zip/) | [**Manifest QR JSON Schema.zip Download**](https://teamglobalexp.com/documents/37444/988539/Manifest%2BQR%2BJSON%2BSchema.zip/) |

* 1. Manifest with Dangerous Goods & DG in Limited QTY (TBA)

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| Print API |

* 1. Print API

All the Documents in the previous sections can now be generated via an API Request. You can send a valid API request and in return you will receive a label in RAW ZPL or PDF(across an A4 sheet).

The connection process to the Print API varies to that of our other API’s within this document

* Label(in PDF encoded in BASE64 or raw ZPL)
* Manifest(in PDF encoded in BASE64)
* Shipment/Connote (in PDF encoded in BASE64)
* Commercial Invoice (in PDF encoded in BASE64)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Print Specifications** | **Curl examples** | **JSON Swagger** | **Print API Error Codes** | **JSON Samples** | **XML Samples** | **Certificates/Key/Pem** |
| [**PrintMIG.zip Download**](https://teamglobalexp.com/documents/37444/988532/PrintMIG.zip/) | [**Curl Examples.zip Download**](https://teamglobalexp.com/documents/37444/988532/Curl%2BExamples.zip/) | [**Print API Swagger.zip Download**](https://teamglobalexp.com/documents/37444/988532/Print%2BAPI%2BSwagger.zip/) | [**Print API Error Codes.zip Download**](https://teamglobalexp.com/documents/37444/988532/Print%2BAPI%2BErrorCodes.zip/) | [**JSON Print API Samples.zip Download**](https://teamglobalexp.com/documents/37444/988532/JSON%2BPrint%2BAPI%2BSamples.zip/) | [**XML Print API Samples.zip Download**](https://teamglobalexp.com/documents/37444/988532/XML%2BPrint%2BAPI%2BSamples.zip/) | [**Print Certificates.zip Download**](https://geconnect.teamglobalexp.com/documents/37444/988532/Print%2BCertificates.zip) |

* 1. Print API Headers

|  |  |  |
| --- | --- | --- |
| **Header Name** | **Header Value** | **Header Definition** |
| x-api-key | Defined below | Key value to retrieve specific GET request |
| x-mytoll-identity | Supplied by Team Global Express | Value linked to MyTeam Global Express username for authentication  |
| Channel | CES | Channel Definition  |
| x-mytoll-token | Supplied by Team Global Express | Value linked to MyTeam Global Express username for authentication  |
| Content-Type | application/jsonapplication/xml | Defines Content type of response |
| Accept | application/jsonapplication/xml | Defines Content type of response |
| callId | Supplied by Team Global Express | Free Text Value to identify user |

|  |  |
| --- | --- |
| **Environment** | **HTTPS Address for Print API** |
| Test | https://au-print-ps-apigw.internal.myteamge.com/printDocument |
| Production | https://au-print-prod-apigw.internal.myteamge.com/printDocument |

|  |  |
| --- | --- |
| **Environment** | **x-api-key** |
| Test | 4l7TEv6dUf2szrGTeLPjO5ICpjj8hK7Q7wNRJeg0 |
| Production | 0O87zfzRVu4yf84mxgRiQ2uw9Q86Xb1Z8JrcnJfL |

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| Pickup/Booking Capabilities (Booking API) |

* 1. Pickup/Booking API Request

Depending on your operational engagement with Team Global Express it may be a requirement to book a pickup. Below are the API and data specifications.

You can post the Booking API via XML or JSON Format via HTTPS post only

When Booking pickups for Intermodal & Specialised/Tasmania/, you can declare multiple line items across the one pickup request. When booking a pickup for all other Team Global Express Business Units you can only declare one-line item. The advice is to declare a total item count and cubic value or declare the Carton Dimension of greater size. Depending on your freight profile it may be advised to declare the average carton dimension value.

|  |  |
| --- | --- |
| **Service / Business**  | **Pickup API** |
| **IPEC** | Yes |
| **Priority (Aus)** | Yes |
| **Intermodal & Specialised** | Yes |
| **Courier** | N/A |
| **Tasmania** | Yes |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pickup API Example XML** | **Pickup API Example JSON** | **Pickup API Specifications** | **Sample Responses** | **Pickup Cut-off Times** |
| [**Booking XML SAMPLES.zip Download**](https://teamglobalexp.com/documents/37444/988508/Booking%2BXML%2BSAMPLES.zip/) | [**Booking JSON Samples.zip Download**](https://teamglobalexp.com/documents/37444/988508/Booking%2BJSON%2BSamples.zip/) | [**BookingMIG.zip Download**](https://teamglobalexp.com/documents/37444/988508/BookingMIG.zip) | [**Booking Response.zip Download**](https://teamglobalexp.com/documents/37444/988508/Booking%2BResponse.zip/) | [**Pickup Cut Off Times.zip Download**](https://teamglobalexp.com/documents/37444/988508/Pickup%2BCut%2BOff%2BTimes.zip/) |

One of the below elements needs to be declared as the ItemTypeCode, as it is a Mandatory field within the Booking request and it is also related to a specific Service Code (Ipec and Priority only), please refer to Appendix E for valid Item Type to be utilised against each service respectively against IPEC and Team Global Express Priority.

For IPEC and Priority you will also need to declare the TAG “PickupLocation”, this Value can be a free text value advising where we are to collect the freight from. With consideration to the Cut Off times. Where there is no specific cut off time declared for Team Global Express IPEC the default cut off time defaults to 15:00.

For Intermodal and Tasmania if there is no value assigned to a location with a cut Off time the default cut off time will be 15:00 local time

Booking Requests made via Carriers IntermodalSpecialised and Tasmania require the Debtor to be declared as Third Party within the Booking Request. This ensures that Account Validation is applied correctly and does not delay the Booking Request.

|  |  |
| --- | --- |
| **Item Type Code** | **Item Type Name** |
| LESA | Letter / Satchel |
| BXCA | Box / Carton |
| SKID | Skid |
| PALL | Pallet |
| JIFB | Jiffy Bag |
| TUBE | Tube |
| CRAT | Crate |
| LENG | Length |

|  |  |
| --- | --- |
| **Environment** | **HTTPS Address Booking API** |
| Test | https://api-uat.teamglobalexp.com:6930/gateway/TollMessageBookingRestService/1.0/tom/bookingRequest |
| Production | https://api.teamglobalexp.com:6930/gateway/TollMessageBookingRestService/1.0/tom/bookingRequest |

|  |
| --- |
| Rating Capabilities (Rating API) |

* 1. Rating API Request

Team Global Express Allows customers the capability to retrieve rate calculations via an API request. Team Global Express will return an XML response with the pricing details.

Elements to consider when supplying relevant data for a rating are

* **Total Volume** declaration of 0.001, anything less will be calculated at the minimum.
* Either **Total Volume** or **Dimensions** must be declared.
* **Weight** is mandatory
* If **Dimensions** LWH segments are provided they must be >= 0
* If **Dimensions** LWH aren’t known they can be set to 0 (Zero) or removed completely.

|  |  |  |  |
| --- | --- | --- | --- |
| **Rating API XML Example Request** | **Rating API JSON Example Request** | **Rating API Response** | **Rating API Specifications** |
| [**Rating API XML.zip Download**](https://teamglobalexp.com/documents/37444/988505/RateEnquiryMIG.zip/)  | [**Rating API JSON.zip Download**](https://teamglobalexp.com/documents/37444/988505/Rating%2BAPI%2BJSON.zip/) | [**Rating API Responses.zip Download**](https://teamglobalexp.com/documents/37444/988505/Rating%2BAPI%2BResponses.zip/) | [**RateEnquiryMIG.zip Download**](https://teamglobalexp.com/documents/37444/988505/RateEnquiryMIG.zip/) |

|  |  |
| --- | --- |
| **Environment** | **HTTPS Address Rating API** |
| Test | https://api-uat.teamglobalexp.com:6930/gateway/TollMessageRateEnquiryRestService/1.0/tom/rateEnquiry |
| Production | https://api.teamglobalexp.com:6930/gateway/TollMessageRateEnquiryRestService/1.0/tom/rateEnquiry |

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| --- |
| Tracking & POD Capabilities (TrackAndTrace API) |

Team Global Express can offer various technical services that will provide tracking event & POD information. As per below, these services allow you to be pushed specific event & tracking information or pull the information via our API’s.

If you require a direct Track and Trace Link to individual connotes via the MyTeam Global Express Website you can make the request via the below URL, replacing {ShipmentID} with the TGE Shipment number.

<https://www.myteamge.com/?externalSearchQuery=>{ShipmentID}

10.1 Pull Tracking events via API call

Team Global Express can provide the ability to make an API call and return the Tracking event based on particular search queries, you can make a Tracking API Call via the Shipment/SSCC/reference number.

|  |  |  |  |
| --- | --- | --- | --- |
| **Tracking API Examples XML**  | **Tracking API Examples JSON** | **Tracking API Specifications** | **Tracking Sample Responses** |
| [**T&T XML Sample.zip Download**](https://teamglobalexp.com/documents/37444/994938/T%26T%2BXML%2BSample.zip/) | [**T&T JSON Sample.zip Download**](https://teamglobalexp.com/documents/37444/994938/T%26T%2BJSON%2BSample.zip/) | [**TrackAndTraceMIG.zip Download**](https://teamglobalexp.com/documents/37444/994938/TrackAndTraceMIG.zip/) | [**T&T Sample Responses.zip Download**](https://teamglobalexp.com/documents/37444/994938/T%26T%2BSample%2BResponses.zip/) |

|  |  |
| --- | --- |
| **Environment** | **HTTPS Address Tracking API** |
| Test | https://api-uat.teamglobalexp.com:6930/gateway/TollMessageTrackAndTraceRestService/1.0/tom/enquireTrackTrace |
| Production | https://api.teamglobalexp.com:6930/gateway/TollMessageTrackAndTraceRestService/1.0/tom/enquireTrackTrace |

10.2 Pull POD encoded images via API call

Team Global Express can provide the ability to make an API call and return the POD image via an Encoded formatted that can be decoded via a base 64 converter. Within the POD API you can also retrieve the POD Image/photo’s that are captured at point of delivery. To request Delivery photos you will need to declare

* PhotoOption = DeliveryPhoto
* MessageVersion = 2.0

|  |  |  |
| --- | --- | --- |
| **POD API Samples**  | **POD API Specifications** | **POD Sample Responses** |
| [**POD API Requests.zip Download**](https://teamglobalexp.com/documents/37444/994935/POD%2BAPI%2BRequests.zip/) | [**ProofOfDeliveryMIG.zip Download**](https://teamglobalexp.com/documents/37444/994935/ProofOfDeliveryMIG.zip/) | [**POD Sample Responses.zip Download**](https://teamglobalexp.com/documents/37444/994935/POD%2BSample%2BResponses.zip/) |

|  |  |
| --- | --- |
| **Environment** | **HTTPS Address POD API** |
| Test | https://api-uat.teamglobalexp.com:6930/gateway/TollMessageFreightDeliveryProofRestService/1.0/tom/freightDeliveryProof |
| Production | https://api.teamglobalexp.com:6930/gateway/TollMessageFreightDeliveryProofRestService/1.0/tom/freightDeliveryProof |

10.3 Push tracking events via HTTPS/SFTP

Team Global Express can push tracking events. For the below Events to be configured you will require a valid MyTeam Global Express Account(myteamge.com). Once the MyTeam Global Express Account is advised, Team Global Express will setup the Tracking Events, The MyTeam Global Express account supplied can be the same account used for Shipment API’s.

We advise that when collecting files you allow one minute minimum prior to retrieving the files to ensure the copy process is complete from the time of the original time stamp.

|  |  |  |  |
| --- | --- | --- | --- |
| **Event Specifications** | **Tracking API Examples** | **Tracking Events & Milestones available for Team Global Express Business** | **Tracking API Configuration Requirements** |
| [**EventMIG.zip Download**](https://teamglobalexp.com/documents/37444/994944/EventMIG.zip/c0d2864e-4733-9add-ed18-8545df8ec138?t=1672346749588) | [**Tracking Samples.zip Download**](https://teamglobalexp.com/documents/37444/994944/Tracking%2BSamples.zip/) | [**Events and Milestones.zip Download**](https://teamglobalexp.com/documents/37444/994944/Events%2Band%2BMilestones.zip/) | [**MYTeamGE Tracking Events Client Setup.zip Download**](https://teamglobalexp.com/documents/37444/994944/MYTeamGE%2BTracking%2BEvents%2BClient%2BSetup.zip/) |

10.4 Push Proof of Delivery (POD) via HTTPS/SFTP

Further to the above. Team Global Express can also push the POD data. The data Team Global Express will send you will need to be decoded. To assist in decoding the data please go to <http://base64converter.com/> and apply the contents within the Contents Tab, to decode successfully you will need to select the Decode option, download the file and rename to download.PDF.

|  |  |
| --- | --- |
| **Response POD data** | **Decoded POD Data** |
| [**Response POD Data.zip Download**](https://teamglobalexp.com/documents/37444/994941/Response%2BPOD%2BData.zip/) | [**Decoded POD.zip Download**](https://teamglobalexp.com/documents/37444/994941/Decoded%2BPOD.zip/) |

10.5 IP Whitelisting

To successfully receive Events and/or POD’s you may need to whitelist Team Global Express’s IP addresses to receive the inbound data from the respective environments. The IP addresses are

* 54.66.66.180 (HTTPS and SFTP via Production and UAT)
* 3.104.17.129 (HTTPS and SFTP via Production and UAT)

For any Team Global Express PUSH Events, Team Global Express requires the customer to supply them with a HTTPS or SFTP endpoint as well as all of the respective credentials. There is a limit of 100 characters for the URL endpoint and 15 characters against the password.

10.6 Tokens

MYTeamGE now enables customers to allow their customers to view certain Shipping data and images via a search Token. The search Token once applied and developed enables the person wanting to view a certain Shipment to view all Shipment history against only that Shipment via MYTeamGE. The Token is generated via a Valid MYTeamGE account and once generated enables any shipment to be viewed individually with the same access the respective MYTeamGE account contains.

The Token can be requested for 6/12/24 months respectively, when the Token is close to its expiry date the username will receive reasonable time to request a new Token value. Only one Token can be active at any given time, hence once a new Token is requested, the current Token immediately becomes inactive.

|  |  |
| --- | --- |
| **TOKEN Documentation** | **Sample Token HTML** |
| [**Token Docs.zip Download**](https://geconnect.teamglobalexp.com/documents/37444/994947/Token%2BDocs.zip/) | [**TOKEN HTML Sample.zip Download**](https://teamglobalexp.com/documents/37444/994947/TOKEN%2BHTML%2BSample.zip/) |

|  |
| --- |
| Returns Process Capabilities (ReturnShipment API) |

11.1 Returns Capabilities

Team Global Express also allows the capability to make a Return API call. This API triggers Team Global Express to print out a label and respective documentation. Once printed the Driver then goes out to collect the freight. This request has to be made the day prior to the expected collection.

Currently the Returns process only supports Non-Dangerous Goods Shipments only within the IPEC and Team Global Express Priority network.

|  |  |  |  |
| --- | --- | --- | --- |
| **Return API Specification** | **Return API Examples XML** | **Return API Examples JSON** | **Return Sample Responses** |
| [**ReturnShipmentMIG.zip Download**](https://teamglobalexp.com/documents/37444/988497/ReturnShipmentMIG.zip/) | [**Sample Return XML.zip Download**](https://teamglobalexp.com/documents/37444/988497/Sample%2BReturn%2BXML.zip/) | [**Sample Return JSON.zip Download**](https://teamglobalexp.com/documents/37444/988497/Sample%2BReturn%2BJSON.zip/)  | [**Sample Return Responses.zip Download**](https://teamglobalexp.com/documents/37444/988497/Sample%2BReturn%2BResponses.zip/) |

|  |  |
| --- | --- |
| **Environment** | **HTTPS Address for Returns API** |
| Test | https://api-uat.teamglobalexp.com:6930/gateway/TollMessageShipmentReturnRestService/1.0/tom/shipmentReturn |
| Production | https://api.teamglobalexp.com:6930/gateway/TollMessageShipmentReturnRestService/1.0/tom/shipmentReturn |

|  |
| --- |
| CP(Team Global Express Collection Point) API |

12.1 CP API

Team Global Express also allows the capability to request (GET) information on the Location of all current available CP(Team Global Express collection Point). This request requires separate authentication to the standard API’s as this is a GET request rather than a POST request

The CP API will allow for Team Global Express Merchants to offer on their website a Click & Collect option, via the shopping cart/checkout process.

Adding this additional layer at check out, gives the consumer the ability to select the most convenient Team Global Express Collection point for their purchased items to be delivered to.

Please consider that the CP API is intended for Team Global Express Merchants who have been quoted with the new Team Global Express Priority Click & Collect B2C product and service codes.

The location information received via the CP API at check out, is to be used and declared in the manifest/shipment request for all Click & Collect shipments, please refer to Appendix K: Click and Collect.

You will also need to install specific certificate and keyfiles to access the CP API available below.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CP Sample Curl Requests** | **CP Sample Responses** | **CP JSON Swagger** | **Response Specs** | **CP Certificates/KEY** |
| [**CP Request Curl.zip Download**](https://teamglobalexp.com/documents/37444/988491/CP%2BRequest%2BCurl.zip/) | [**CP Response.zip Download**](https://teamglobalexp.com/documents/37444/988491/CP%2BResponse.zip/) | **TBA** | **TBA** | [**CP Cert.zip Download**](https://teamglobalexp.com/documents/37444/988491/CP%2BCert.zip/) |

|  |  |
| --- | --- |
| **Environment** | **HTTPS Address for CP API** |
| Test | https://au-tcp-location-ps-apigw.internal.myteamge.com/doSearch |
| Production | https://au-tcp-location-prod-apigw.internal.myteamge.com/doSearch |

|  |  |
| --- | --- |
| **Environment** | **x-api-key** |
| Test | fJMY86rmQx75Ht6sVYKzk3zgBxB6avGnofZoAkNh |
| Production | ULCcA8V2Md5YiwQJkYZcj2APEYanb0zcz51GDmg4 |

12.2 CP API Headers

|  |  |  |
| --- | --- | --- |
| **Header Name** | **Header Value** | **Header Definition** |
| x-api-key | Defined above | Key value to retrieve specific GET request |
| x-mytoll-identity | Supplied by Team Global Express | Value linked to MyTeam Global Express username for authentication  |
| Channel | web | Channel Definition  |
| x- mytoll -token | Supplied by Team Global Express | Value linked to MyTeam Global Express username for authentication  |
| Content-Type | application/json | Defines Content type of response |
| callId | Supplied by Team Global Express | Free Text Value to identify user |

12.3 CP API Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| **Header Name** | **Mandatory** | **Header Value** | **Header** |
| Provider | N | MYT-HubbedMYT-Depot | Defines which Values are required in the response based on CP Providers. If no value is applied ALL locations are returned in the response parametersFor B2C click & collect services, the Locations are limited to “MYT-Hubbed” locations only |  |
| CountryCode | Y | AUNZ | Defines which Countries are required for CP Query |
| PerPage | N | Numeric(no limit) | Defines how many Results are required per page in the response, if left blank the default value is “5” |
| Page | N | Numeric(no limit) | Defines the Page number to return within the reponse |
| Radius | N | Numeric | Defines the Radius of the CP Search if Postcode is supplied in same Query, value is in kilometres (km). if no postcode is Supplied, response will return all postcodes in search parameter |
| Product | N | Click and CollectMissed DeliveriesReturnSend | Defines which CP types you would like to query based on Product in the response. If no value is applied ALL locations are returned in the response parameters |
| PackageFriendly | N | TrueFalse | Defines sites that are Package Friendly and supplies packages |
| PrinterFriendly | N | TrueFalse | Defines sites that are Printer Friendly and contains on site Label priting |
| SearchKeyword | N |  | Free Text |
| PostCode | N | Numeric(4 digits in length) | Defines which postcode you would like to retrieve CP/Depot locations for |

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| APPENDIX A: Response Message |

## **A1. API Response Message**

Below is the Standard specification on all the API messages relative to the Responses we will return on each API call.

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| --- |
| **MYTeamGE API Response Specifications** |
| [**ResponseMessageMIG.zip Download**](https://teamglobalexp.com/documents/37444/988483/ResponseMessageMIG.zip/) |

|  |
| --- |
| APPENDIX B: Suburb Data |

## **B1. Suburb Data**

To complete all of the above you will need to apply the respective Suburb or Country data and respective depot codes as per below for Suburb/Country validation, as well as applying the correct Team Global Express depot code against the receiver’s suburb for each shipment on the label.

Below is one complete data set for all the Team Global Express Businesses and their respective Suburbs, the primary list for Team Global Express Domestic services needs to be referenced back from via the MYTeamGE Business Code, there are additional Suburbs listed against specific Team Global Express Business units and needs to be applied for that Business unit only when the initial search is not retrieved against a Suburb listed against the MYTeamGE Business code.

|  |
| --- |
| **MYTeamGE Suburb/Country data** |
| [**MYTeamGE Suburb and Country List.zip Download**](https://teamglobalexp.com/documents/37444/988480/MYTeamGE%2BSuburb%2Band%2BCountry%2BList.zip/) |

|  |
| --- |
| APPENDIX C: ShipmentID/Connote Number Structure |

The below defines the connote structure for each Team Global Express business unit. It is recommended that a warning mechanism is applied advising when most of the connote/item range is exhausted. This warning will allow time for you to contact Team Global Express to replenish the range as you cannot re use previous numbers.

## **C1. IPEC Shipment ID**

IPEC has a shipment ID length of 13 characters in total. Team Global Express will supply you with a leading six Digit SLID (Example “875412”). This compiles the first component of the connote number. The remaining seven characters are derived from the client, usually a rolling value starting from “0000001”. Hence the First connote number to be produced would be “8754120000001”. This value can only be a numeric value

## **C2. Express Parcels Priority Shipment ID**

Express Parcels Priority has a shipment ID length of 10 characters in total. Team Global Express will supply you with a leading four character SLID (Example “ABCD”) This compiles the first component of the connote number. The remaining six characters are derived from the client, usually a rolling value starting from “000001”. Hence the First connote number to be produced would be “ABCD000001”.

## **C3. Team Global Express Priority Global Shipment ID**

Express Parcels Global has a shipment ID length of 12 characters in total. Team Global Express will supply you with a connote range 11 characters long and the last value is calculated by a Modulus 7 Check Digit (please refer to APPENDIX D3)

## **C4. Intermodal & Specialised/Team Global Express Tasmania Shipment ID**

Intermodal & Specialised and Team Global Express Tasmania have a shipment ID length of 10 characters in total. Team Global Express will supply you with a connote range 9 characters long and the last value is calculated by a Modulus 10 Check Digit (please refer to APPENDIX D2)

## **C5. Team Global Express Courier Shipment ID**

Team Global Express Courier recommend applying an abbreviation of the entity followed by the State character the freight is despatched from. Example ACME Victoria would structure their connote as ACMEV000001

## **C6. Shipment ID Summary**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Service / Business** | **Connote Check Digit Required** | **Total Length** | **Type** | **SLID required** | **Barcode Check Digit Required** | **SSCC Required** |
| **IPEC** | No | 13 | Numeric | Y | No | Yes |
| **Priority (Aus)** | No | 10 | Alpha/Numeric | Y | Yes | Yes |
| **Priority (NZ)** | No | 10 | Alpha/Numeric | Y | Yes | Yes |
| **Intermodal & Specialised** | Yes | 10 | Numeric | N | Yes | Yes |
| **Courier** | No | 14-16 | Alpha/Numeric | Y | No | No |
| **Tasmania** | Yes | 10 | Numeric | N | Yes | Yes |

## **C6. Item SSCC ID Summary**

If Team Global Express provide you with an Item/SSCC range the Company Prefix for this range is 9327510 and the current extension digit is zero “0”.

## **C7. API Credentials**

For all API requests we will need to set you up with MyTeam Global Express Account to authenticate these queries via. Once all the business units and account numbers are provided together with the Contact details, the Integration team will provide you with the credentials to submit these API requests via MyTeam Global Express

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| APPENDIX D: Check Digit Calculations |

D1. Barcode Check Digit

When developing the Landscape Label, you will need to provide two types of barcodes

* GS1
* SSCC

To develop these compliant barcodes, you will need to derive the check digits respectively.

|  |
| --- |
| **Landscape GS1/SSCC Check Digit**  |
| [**Landscape GS1 and SSCC Check Digit.zip Download**](https://teamglobalexp.com/documents/37444/988477/Landscape%2BGS1%2Band%2BSSCC%2BCheck%2BDigit.zip/1430cf01-869a-7716-2184-2fae62390753?t=1672269388394) |

D2. Modulus 10 Connote Check Digit(Intermodal & Specialised/Team Global Express Tasmania)

Once Team Global Express have allocated you with a connote range you will need to formulate the complete Shipment ID number via a Modulus 10 Check Digit. Below is the process to calculate the check digit.

|  |
| --- |
| **Modulus 10 Check Digit**  |
| [**I&S Connote.zip Download**](https://teamglobalexp.com/documents/37444/988477/I%26S%2BConnote.zip/) |

D3. Modulus 7 Connote Check Digit(Team Global Express Priority Global)

Once Team Global Express have allocated you with a connote range you will need to formulate the complete Shipment ID number via a Modulus 7 Check Digit. Below is the process to calculate the check digit.

|  |
| --- |
| **Modulus 7 Check Digit**  |
| [**Modulus 7 Check Digit.zip Download**](https://teamglobalexp.com/documents/37444/988477/Modulus%2B7%2BCheck%2BDigit.zip/) |

D4. Check Digit Calculator

Below is a tool that will allow you to validate the check digit values against the Ranges Team Global Express have supplied for

* Intermodal & Specialised
* Team Global Express Tasmania
* All SSCC Ranges
* Team Global Express Priority Global

|  |
| --- |
| **Check Digit Calculator** |
| [**Check Digit Calc.zip Download**](https://teamglobalexp.com/documents/37444/988477/Check%2BDigit%2BCalc.zip/) |

|  |
| --- |
| APPENDIX E: Service Codes |

Depending on the Team Global Express Business Unit will depict the way the service codes are declared. If you are creating Express Parcels Priority Shipments, you will need to provide a Product and Service Code combination. For all other Team Global Express Business units only, the Service Code needs to be declared.

E1. Product/Service Codes for **MYTeamGE** API’s

Below are the current possible Product and Service Code combinations that can be utilised within MYTeamGE API’s

|  |
| --- |
| **Product/Service Codes** |
| [**MYTeamGE Services.zip Download**](https://teamglobalexp.com/documents/37444/988474/MyTeamGE%2BServices.zip) |

|  |
| --- |
| APPENDIX F: Dangerous Goods |

Depending on the API’s you use within Certain Team Global Express Businesses, you will be able to submit these API calls with Dangerous Goods values. Below is a complete list of Dangerous Goods as well as DG values allowed to be shipped via Each Team Global Express Carrier. These values are validated within the API call. The values within the below need to be applied as listed within the “ShippingName” Tag, the value in the “TechnicalName” is only required if Listed as Y in the list below under Technical Name. the Limit in TechnicalName is set to 30 Characters, if these conditions are not adhered to the API call will fail DG validation declaration.

* AggregateQuantity – is the Aggregate Weight Quantity of the respective DG
* Quantity – is the aggregate Item Quantity

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| **DG Descriptions** |
| [**DG Matrix.zip Download**](https://teamglobalexp.com/documents/37444/988471/DG%2BMATRIX.zip/) |

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| APPENDIX G: API Error Codes |

When posting an unsuccessful API, you will receive a return response based on the most recent error received, each error is returned in a certain order and can only continue validation once the initial error is resolved successfully. Below is a complete list of all the Error messages MYTeamGE will return when making any of the API call within this documentation.

|  |  |  |
| --- | --- | --- |
| **Error Specification** | **Response Error codes** | **Error Code examples** |
| [**ErrorMessageMIG.zip Download**](https://teamglobalexp.com/documents/37444/988468/ErrorMessageMIG.zip/) | [**API Error Codes.zip Download**](https://teamglobalexp.com/documents/37444/988468/API%2BError%2BCodes.zip/) | [**Sample Error Responses.zip Download**](https://teamglobalexp.com/documents/37444/988468/Sample%2BError%2BResponse.zip/) |

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| APPENDIX H: Global Shipments |

When posting International Shipments, you will need to declare Harmonised Commodity Codes (HCC). The HCC values are free format values and is not validated but required when posting Global Shipment. To attain a complete list of HCC codes please go to the link [HCC codes](https://unstats.un.org/unsd/tradekb/Knowledgebase/50018/Harmonized-Commodity-Description-and-Coding-Systems-HS) to view and attain the most recent list of HCC codes.

When despatching International Shipments you are required to supply a Commercial invoice declaring value and total of goods being despatched. This data is also mandatory within the API submission. If you need to develop this document the below is a guidleline of the layout required

|  |  |
| --- | --- |
| **Commercial Invoice Template/Samples** | **Harmonised Commodity Codes** |
| [**Commercial Invoice .zip Download**](https://teamglobalexp.com/documents/37444/988465/Commercial%2BInvoice.zip/) | [**HarmonisedCommodityCode .zip Download**](https://teamglobalexp.com/documents/37444/988465/HarmonisedCommodityCode.zip/) |

H1 International Service limitations

* Product Code “01” has a maximum weight of 2.5 kg
* Product Code “02” has max weight 20 kg per piece, if you do have 40 or 50 kg, you would need to increase the number of pieces
* Product Code “03” no limit, the cargo should be within 120X120X150 cm dimension

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| APPENDIX I: Limitations |

Depending on the API’s you need to submit, there will be limitations on the amount of data you can submit within one transaction. Our Server utilises the security Mechanism TLSv1.2 with Cipher ECDHE-RSA-AES128-GCM-SHA256, which may need to be considered when posting via credentials Team Global Express provides

I1. API Capabilities

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Service / Business** | **Shipment API** | **Booking API** | **Rating API** | **Track and Trace API** | **Returns API** | **Purchase Order API** |
| **IPEC** | Yes | Yes | Yes | Yes | Yes | No |
| **Priority (Aus)** | Yes | Yes | Yes | Yes | Yes | No |
| **Priority (NZ)** | Yes | Yes | Yes | Yes | Yes | No |
| **Intermodal & Specialised** | Yes | Yes | Yes | Yes | No | Yes |
| **Courier** | Yes | No | No | Yes | No | No |
| **Tasmania** | Yes | Yes | Yes | Yes | No | Yes |

I2. Shipment API Limitations

* Shipment API’s will allow a file size to be transmitted of 14mb over SFTP and 5MB via HTTPS
* Currently the API only allows for a Maximum of 99 Miscellaneous Items to be declared via Team Global Express IPEC

I3. Tracking API Limitations

* Tracking API’s will allow for a maximum of 4 search tokens in a request and 20 records within the response (5 per search token) and a payload size no greater than 5mb.

I4. POD API Limitations

* POD API’s will allow for a maximum of 20 records in the response and a payload size no greater than 5mb

I5. Booking API Limitations

* Booking API’s will allow for a maximum file size of 5mb. The request will timeout after 29 seconds and can only contain one pickup location per request.
* You cannot make Dangerous Goods Bookings via IPEC
* Max no of items allowed per line is 99
* Max no of lines is 99
* Max no of items in all lines is 250
* For IPEC and Priority the Length value is limited between 0 t 9999
* For IPEC and Priority the Width value is limited between 0 t 9999
* For IPEC and Priority the Height value is limited between 0 t 9999
* For IPEC and Weight the Height value is limited between 0 t 9999

I6. Rating Enquiry API Limitations

* Rate Enquiry API’s will allow for a maximum file size of 5mb. The request will timeout after 29 seconds and can only contain one rate enquiry per request.

I7. Standard API Limitations

Below is a list of valid characters and the limits allowed for each TAG within the API Schema

|  |
| --- |
| **Special Characters and field Limitations** |
| [**Special Characters.zip Download**](https://teamglobalexp.com/documents/37444/988447/Special%2BCharacters.zip/) |

* For the majority of the API calls, Team Global Express will cross reference the date against any public holidays and weekends. If a date is declared as the despatch date and the date falls on a public holiday for that Suburb the API will return an invalid date error. Below is the Current List of Public Holiday dates.

|  |
| --- |
| **Team Global Express listed Public Holidays** |
| [**MyTeamGE Public Holidays.zip Download**](https://teamglobalexp.com/documents/37444/988447/MyTeamGE_Public_Holidays.zip/) |

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| APPENDIX J: Notifications |

Within the Shipment and Return API you have the ability to declare which notifications you require for each Sender and/or Receiver at a Shipment Level. This needs to be activated to be enabled, once enabled you can declared any of the Event/Messages below to be sent as the event occurs via eMail and/or SMS. If the setting is activated and you declare valid content in the Notification Array of the Manifest API the default Events will be sent as they occur. Currently the default list is all of the events. The Events need to be entered as below (UPPERCASE). You can also select individual event types based on each receiver.

When applying the notifications Array or declaring a B2C service, the mobile number will be validated

J1. Valid Mobile Number Combinations for validation

CountryCode=empty, AreaCode=empty, Number=0431601281

CountryCode=+61, AreaCode=empty, Number=431601281

CountryCode=61, AreaCode=empty, Number=431601281

CountryCode=+61, areaCode=431, phoneNumber = 601281

CountryCode=+61, areaCode=-431, phoneNumber = 601281

CountryCode=+61, areaCode=431, phoneNumber = 601-281

CountryCode=empty, areaCode=empty, phoneNumber = +61401601281

CountryCode=empty, areaCode=+61, phoneNumber = 401601281

J2. Valid Notification Events

Below are the valid Event names you can Apply within the EventName TAG within the Manifest or Returns Message

|  |  |
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| **Event Name** | **Notification Description** |
| PRTDEL | Partially delivered |
| AWTCOL | Awaiting collection |
| OUTFDL | Out for delivery |
| INTRNST | In transit |
| COLLCTD | Collected |
| SHPCRE | Shipment created |
| CANCLD | Cancelled |
| DELVERD | Delivered |
| PCKDUP | Picked up |

J3. Sample notifications

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| --- | --- |
| **Sample Notification eMail** | **Sample Notification SMS** |
| [**Sample Email.zip Download**](https://teamglobalexp.com/documents/37444/988444/SampleEmail.zip/) | [**Sample SMS.zip Download**](https://teamglobalexp.com/documents/37444/988444/SampleSMS.zip/) |

Below are sample messages Team Global Express will send to receipients email and Mobile numbers when declared for notifications

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| APPENDIX K: Time Sensitive Freight (TSF) Services |

When declaring Team Global Express Priority Services branded as “TSF” it is mandatory to declare within the special instructions field within the data and label the below

* Delivery time window: example “Deliver between 6am-8am only”
* Contact name: “John Smith”
* Contact Number: “0400000000”

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|  APPENDIX L: Click and Collect |

To ensure the Click & Collect solution works seamlessly in the Team Global Express network, please ensure the below Parameters are included in the manifest/shipment API request.

These data elements will allow for successful delivery to the nominated Team Global Express Collection Point and consumer B2C milestone notifications.

The CP API will allow for Team Global Express Merchants to offer on their website a Click & Collect option, via the shopping cart/checkout process.

Adding this additional layer at check out, gives the consumer the ability to select the most convenient Team Global Express Collection point for their purchased items to be delivered to.

Please consider that the CP API is intended for Team Global Express Merchants who have been quoted with the new Team Global Express Priority Click & Collect B2C product and service codes.

The location information received via the CP API at check out, is to be used and declared in the manifest/shipment request for all Click & Collect shipments.

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| **ToM Manifest Requirements** | **ToM Manifest element** | **Mandatory  Y/N** | **Comments**  | **Example** | **Limitation** |
| Hubbed Location ID | ConsigneeParty/PartyName | Y | CP LocationID must be declared as the first value and end with \*^ no spaces. The inclusion of the consumers name must also be provided followed by "C/O" | AU002791\*^Jane Doe C/O | Max 40 characters  |
| Receiver Name & Address | ConsigneeParty/PhysicalAddress/AddressLine1 | Y | Declare the CP location name within AddressLine1 if already exceeded the 40 character limit with in "ConsigneeParty/PartyName" | Rivers Convenience Store | Max 30 characters |
| Receiver Name & Address | ConsigneeParty /PhysicalAddress/AddressLine2 | Y | Declare the CP location name and address within AddressLine2 if already exceeded the 30 character limit within "AddressLine1" | 22 Railway Crescent | Max 30 characters |
| Receiver Contact Name | ConsigneeParty/Contact/Name | Y | Consumer name must be provided, this is the name of the consumer who  the shipment is intended for | Jane Doe | Max 20 characters |
| Receiver Contact Name | InvlovedPartyCollection/InvolvedParty/PartyRole = NotificationParty/Contact/Name | Y | Consumer name must be provided, this is the name of the consumer who  the shipment is intended for | Jane Doe | Max 20 characters |
| Receiver Mobile Number | InvlovedPartyCollection/InvolvedParty/PartyRole = NotificationParty/Contact/Phone | y | Mobile number declared must be 10 digits in length, start with "04" and must not include spaces. Consumer Mobile number must be provided to ensure sms notifications can be sent. | 421577889 | Max 28 Digits |
| Receiver Mobile Number | ConsigneeParty/Contact/Phone/Number | Y | Mobile number declared must be 10 digits in length, start with "04" and must not include spaces. Consumer Mobile number must be provided to ensure sms notifications can be sent. | 421577889 | Max 11 Digits |
| Receiver Email Address | ConsigneeParty/Contact/Email | Y | Consumer email address must be declared to ensure a successful pre-advice is sent to the nominated CP and email notifications can be sent to the consumer. | Test@clickand collect.com.au  | Max 78 Characters |

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| **Sample CC Manifest** |
| [**Sample CC Manifest.zip Download**](https://teamglobalexp.com/documents/37444/988435/Sample%2BCC%2BManifest.zip/) |

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| Version Control |

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| --- | --- | --- | --- | --- |
| **Revision** | **Date** | **Author** | **Comments** | **Sections** |
| 1.0 | 28/03/2019 | Daniel Borg | Distributed to Integration Team  | Initial Draft |
| 1.1 | 2/5/2019 | Daniel Borg | Updated XSD File to Version 6.0Inserted XSD File Version 6.0 in to TollMessage.docx (API Team Global Express Message SpecificationsUpdated Details on Depot CodesUpdated the Connote Format to reflect MyTeam Global Express Connote LayoutAdded Connote Examples for Standard/Dangerous Goods/Multi Page ConnotesAdded QR Manifest SchemaAdded login details to the Pricing API RequestCompressed Suburb DataUpdated Intermodal & Specialised Suburbs(Removed Multiple values)Added Product and Service Codes Express Parcels PriorityAdded Service Codes For IPEC/TAS/Intermodal & Specialised | 3(Shipment)3.1(Shipment API)4.1(Labels)5.1(Connotes)5.1(Connotes)6.1(Manifest)7.1 PricingAPPENDIX AAPPENDIX A1APPENDIX D1APPENDIX D2 |
| 1.2 | 6/5/2019 | Daniel Borg | Updated XSD File to Version 7.0Updated Service Codes Tables to assist with Label creation also adding MODEUpdated the Label samples for Portrait and Landscape | 3(Shipment)APPENDIX D24.1(Labels) |
| 1.3 | 13/5/2019 | Daniel Borg | Added ZPL Requirements to Labels Section Added in reference to MyTeam Global Express site for registration purposesAdded in Check Digit Calculator(Intermodal/TAS)Updated Tracking/POD Capabilities to reflect new MyTeam Global Express Formats removing Team Global Express OnlineAdded in a section defining AI’s, Extension Digit and FNC1Added IP Whitelisting for events to be delivered to Client’s networkAdded MyTeam Global Express Tracking URL | 4.2(Label)3 (Shipment)APPENDIX C39 (Tracking)4.3(Labels)9.3(Tracking)9(Tracking) |
| 1.4 | 20/5/2019 | Daniel Borg | Added PDF Requirements to Labels Section Updated XSD to version 9.0Added API LimitationsUpdated XSD to version 10.0Updated IPEC suburbs with Headers | 4.2(Label)3.1(shipment API)APPENDIX E3.1(shipment API)APPENDIX A |

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| --- | --- | --- | --- | --- |
| **Revision** | **Date** | **Author** | **Comments** | **Sections** |
| 1.5 | 11/6/2019 | Daniel Borg | Updated Sample Files for XML/JSON ShipmentsUpdated Common Manifest Specifications, Schema and supplied Sample JSON code, also added in advice on how to validate the QR code contentUpdated XSD to version 13.0Updated Manifest Specifications removing internal Team Global Express LinksUpdated Service Codes to reflect correct values within the API’s and Labels | 3 (Shipment)6.1(Manifest)3.1(shipment API)3.1(shipment API)Appendix D |
| 1.6 | 21/6/2019 | Daniel Borg | Added JSON Schema to Shipment Updated XSD to version 13.0 | 3.1(shipment API)3.1(shipment API) |
| 1.7 | 17/7/2019 | Daniel Borg | Updated XSD to version 17.0 | 3.1(shipment API) |
| 2.0 | 20/8/2019 | Daniel Borg | Updated Booking API to relate to Team Global Express Message Booking APIUpdated Rating API to relate to Team Global Express Message Rating APIUpdated Tracking API to relate to Team Global Express Message Tracking APIUpdated POD API to relate to Team Global Express Message POD API Updated Returns API to relate to Team Global Express Message Return API | 7.1 Booking API 8.1 Rating API 9.1 Tracking API 9.2 POD API 10.1 Returns API  |
| 2.1 | 3/9/2019 | Daniel Borg | Updated the Manifest Sample to contain multiple QR codes | Manifest |
| 2.2 | 10/12/2019 | Daniel Borg | Added Team Global Express Logo Image to Label SectionUpdated Label Specifications to version 2.4Updated Schema to version 19.0* Added new Document Type *Purchase Order*
* Added *Payer* Field to Manifest

Updated Limitation Appendix with Generic limitations across multiple API’s (Special Characters/Public Holidays)Added APPENDIX F Dangerous Goods MatrixAdded Security Cipher ReferenceUpdated Tracking SamplesAdded Pickup Cut Off times dataAdded Token Section 9.6Updated GS1 Check Digit StepsUpdated Tracking Event Code to display Event Code Returned in XML/JSON FileAdded Sample XML Booking Responses Added Intermodal Rating Samples XML and responsesAdded Error Codes and examples error responsesAdded PriorityAustralia connote ID for Global  | 4 Printed Labels4 Printed Labels3 ShipmentE6 Shipment API Limitations9.3 Push Tracking Events7 Pickup Capabilities9.3 Push of Tracking Events7 Bookings |

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| **Revision** | **Date** | **Author** | **Comments** | **Sections** |
| 2.2 |  |  | Added PriorityAustralia Check Digit for Global Added Global Check Digit CalculatorAdded section for Global Suburbs ListAdded section for NewZealand Suburbs List | 8.1 RatingAPPENDIX GAPPENDIX BAPPENDIX CAPPENDIX C4APPENDIX AAPPENDIX A |
| 2.3 | 17/02/2020 | Daniel Borg | Updated XSD to version 20.0Updated MIGS and removed internal links within the MIGs |  |
| 2.4 | 13/03/2020 | Daniel Borg | Updated limitations value on Shipment API |  |
| 2.5 | 17/3/2020 | Daniel Borg | Updated XSD to version 22.0Added advise on security protocolUpdates Service CodesUpdated Manifest specifications with multiple QR code sample and updated definition of the JSON headers | D1. Product/Service CodesManifest |
| 2.6 | 4/5/2020 | Daniel Borg | Updated Team Global Express Logo with Colour and Black and White samplesUpdated ZPL Code for Portrait LabelUpdated Label Specifications Updated Public Holiday listUpdated Cut off TimesUpdated XSD to version 23.0Updated Suburb and Country List Updated Shipment Examples | 4 Printed Labels4 Printed LabelsAppendix E6Appendix A |
| 3.0 | 7/10/2020 | Daniel Borg | Updated MyTeam Global Express Service codes to contain Service code to be applied on LabelUpdated advise on transfer protocolsAdded certificatesRemoved Team Global Express Shipping from Applicable Team Global Express BusinessAdded new limitation to Shipments removing 30 items to file size limitsAdded advise on how to name the files when posting via SFTPAdded Manifest Response Message SamplesUpdated XSD to version 24.0Added new IP addresses for whitelistingUpdated POD samples for XML/JSON and correct naming conventionUpdated DG Matrix to advise value of NA for HazardClassIDUpdated Public Holiday List for 2020 | APPENDIX E: Service Codes4.1Shipment API4.1Shipment API2 Team Global Express Business Units4.1Shipment API4.1Shipment API4.1Shipment API4.1Shipment API10.5 IP Whitelisting10.3 Push tracking events APPENDIX F: Dangerous GoodsI6. Standard API Limitations |
| **Revision** | **Date** | **Author** | **Comments** | **Sections** |
| 3.0 |  |  | Added Sample Extended Tracking Event/Milestone ExamplesUpdated List of MILESTONE and Events available for SubscriptionUpdated Manifest Samples to include Extended Purchase Order examplesAdded Rating Sample in JSON FormatUpdating Suburb Data to reflect correct Billing codes for NTUpdated Manifest XML Samples to include Courier Manifest SampleUpdated Sample Label to include NZ labelsAdded Response Message MIG | TrackingTracking & POD Capabilities4.1 Shipment API9.1 Rating API Request APPENDIX B: Suburb Data4.1 Shipment API5 Printed LabelsAPPENDIX A: Response Message |
| 3.1.2101 | 04/01/2021 | Daniel Borg | Updated DG Matrix Appendix and advise on how to declare DG’sUpdated JSON Rating ExampleUpdated Limitations against the PUSH transfer protocolUpdated Document Version to reflect MYTeamGE release scheduleUpdated POD responses with new reference fieldsUpdated Available Events list that can be pushed via Channel preferences | APPENDIX F: Dangerous Goods9.1 Rating API Request 10.5 IP Whitelisting10.4 Push Proof of Delivery (POD)10.3 Push tracking events |
|  |  |  | Added notation on SSCC AllocationUpdated Event Samples with Extended EventsUpdated XML Booking Examples | 5.4 SSCC Allocation10.3 Push tracking events via 8.1Pickup/Booking API Request |
| 3.1.2103 | 16/2/2021 | Daniel Borg | Updated 2021 Public HolidaysUpdated Label Specifications to reflect Senstivei Service for IPECUpdated Service Table to reflect Correct Service Code for IPEC SensitiveUpdated DG Matrix to reflect correct sub Risk and Package Group HeadersUpdated Manifest XML samples with Correct Message SenderUpdated Manifest Printed Specs, adding QR LogicUpdated Consignment note specification Updated MYTeamGE Service Label CodesUpdated XSD to version 25.0, Changes to XSD are relative to Notifications Array in the Manifest and Returns APIEnhancement allowing 1000 items for Manifest via IPEC and PriorityBug Fix for DG Class validation Bug Fix for Global Shipments via Manifest APIUpdated Error CodesAdded Commercial Invoice Template/Samples | APPENDIX I7: Limitations5 Printed LabelsAPPENDIX EAPPENDIX F4.1Shipment API |
| **Revision** | **Date** | **Author** | **Comments** | **Sections** |
| 3.1.2104 | 22/4/2021 | Daniel Borg | Updated Manifest Specification to reflect new Notifications segmentUpdated Return Shipment Specification to reflect new Notifications segmentUpdated list of Events availableUpdated Country/Suburb listing adding Country Code value for QR codeAdded advise on DG declaration against Aggregate valuesRefreshed all specifications other than Manifest and ReturnsAdded Sample Manifest Shipments with NotificationsAdded Sample Return with Notifications | 4.1 Shipment APIAPPENDIX BAPPENDIX F4.1 Shipment API11 Retruns Process |
| 3.1.2105 | 28/5/2021 | Daniel Borg | Added Commercial Invoice TemplateAdded Harmonised Commodity CodesUpdated Service Code listing to display valid Booking Codes for IPEC and Priority and added Medical Overnight Service CodeAdded notation on how to declare Bookings via Intermodal and TasmaniaUpdated Suburb List, removing DuplicatesUpdated Team Global Express Tracking events removing non published eventsAdded advise for IP addresses relative to EventsAdded Samples to NotificationsUpdated Label Specs against barcode Symbology and DG declaration | APPENDIX HAPPENDIX HAPPENDIX E8.1 BookingsAPPENDIX B10.3 Tracking10.5 TrackingAPPENDIX J5. Printed Labels |
| 3.1.2107 | 12/7/2021 | Daniel Borg | Updated Service List modifying incorrect service Label Code on certain services Updated POD Request SamplesAdded Tasmania Rating ExampleAdded Service Mode into Service List for Tasmania/IntermodalUpdated Returns Samples with B2C Samples | APPENDIX E: Service Codes10.2 Pull POD encoded images via API call9 RatingAPPENDIX E: Service Codes |
| 3.1.2107 | 12/7/2021 | Daniel Borg | Updated Service List modifying incorrect service Label Code on certain services Updated POD Request SamplesAdded Tasmania Rating ExampleAdded Service Mode into Service List for Tasmania/IntermodalUpdated Returns Samples with B2C Samples | APPENDIX E: Service Codes10.2 Pull POD encoded images via API call9 RatingAPPENDIX E: Service Codes |

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| **Revision** | **Date** | **Author** | **Comments** | **Sections** |
| 3.1.2108 | 16/08/2021 | Daniel Borg | Updated Manifest API to reflect new H2H ServicesUpdated Cut Off timesAdded H2H services to Service ListAdded CP APIAdded Appendix for Click and CollectAdded H2H Connote SpecUpdated Manifest/Booking/Return Spec to reflect 2 decimal place limitAdded Sample Email Notification(OUT FOR DELIVERY/DELIVERED) | 4 ManifestBookingService12APPENDIX K6 Printed Connotes |
| 3.1.2108 | 16/08/2021 | Daniel Borg | Updated Manifest API to reflect new H2H ServicesUpdated Cut Off timesAdded H2H services to Service ListAdded CP APIAdded Appendix for Click and CollectAdded H2H Connote SpecUpdated Manifest/Booking/Return Spec to reflect 2 decimal place limitAdded Sample Email Notification(OUT FOR DELIVERY/DELIVERED) | 4 ManifestBookingService12APPENDIX K6 Printed Connotes |
| 3.1.2108 | 16/08/2021 | Daniel Borg | Updated Manifest API to reflect new H2H ServicesUpdated Cut Off timesAdded H2H services to Service ListAdded CP APIAdded Appendix for Click and CollectAdded H2H Connote SpecUpdated Manifest/Booking/Return Spec to reflect 2 decimal place limitAdded Sample Email Notification(OUT FOR DELIVERY/DELIVERED) | 4 ManifestBookingService12APPENDIX K6 Printed Connotes |
| 3.1.2110 | 1/11/2021 | Daniel Borg | Updated Manifest Printed specificationRemoved advise against Team Global Express Online Credentials Added notation to Labels around Subset C codingUpdated Label specifications, removing the account number from the labelsAdded Booking Limitation values to AppendixAdded notation and sample to advise Pickup Location Type for IPEC and Priority BookingsUpdated Manifest Specs with SSCC itemsAdded Manifest example with 99 item Shipment Added Sample JSON Manifest file declaring PalletsAdded Sample JSON Manifest file declaring multiple ShipmentsUpdated Suburb Files, refreshed Intermodal Depot Codes, removed PO/GPO Box Suburbs from list |  |
| **Revision** | **Date** | **Author** | **Comments** | **Sections** |
| 3.1.2203 | 26/3/2022 | Daniel Borg | Updated Printed Manifest specs to allow more than 99 QR CodesUpdated Check Digit Calculation advise for Intermodal conotesAdded Standard Team Global Express message definitionsUpdated Rating API Specifications to define correct Header for “ExtraServicesAmount”Added JSON Manifest Sample for CourierUpdated 2022 Public Holiday listUpdated XSD to version 26.0Updated Cut Off timesAdded notation about default Cut off timesUpdated Suburb Listing and Depot codes refreshUpdated DG DescriptionsAdded Booking API requirements for each BusinessUpdated POD Specification to reflect POD/Photo download capabilitiesAdded new published events to the events list | APPENDIX D2Headers 3.2Rating |
| 3.1.2206 | 24/6/2022 | Daniel Borg | Added in notation around Item and Miscellaneous item valuesUpdated length of the existing field ‘AddressLine1’ for ConsignorAddress and ConsigneeAddress to “250” from “40Added Sample Tasmania Manifest JSON fileUpdated Certificates for Production and UATDefined SSCC as Required for CourierAdded notation relative to default cut off time for IPEC and bookingsAdded limitations based on Volume and Weight for Booking APIUpdated Label specificationUpdated ZPL/PDF label codes to reflect correct International Shipment ID’sUpdated XSD to version 28, relative to Print API and Reference Node ChangeUpdated JSON Manifest Swagger to reflect correct response codeUpdated special characters list and included REGEX codeUpdated DG MatrixAdd Rating JSON file with TES/ExtraServiceAdded Print API sectionUpdated Suburb Listing and Depot Codes |  |

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| **Revision** | **Date** | **Author** | **Comments** | **Sections** |
| 3.1.2209 | 10/09/2022 | Daniel Borg | Added Business Unit Code to Service ListUpdated XSD to version 29.0Print API now provides Double Label for Intermodal and TasmaniaUpdated Services List to include TAE Domestic ServicesAdded Print API, UAT PFX fileUpdated Service ListAdded Sample Manifest JSON file with NotificationsAdded Sample Manifest JSON file with multiple DG’sAdded Sample Manifest JSON file with 1000 Misc declaredAdded Sample Manifest XML file with 1000 items declaredAdded Appendix relative to TSF ServicesUpdated Event Code listsRefreshed IntermodalSpecialised depot codes within Suburbs list |  |
| 4.0.2211 | 03/11/22 | Daniel Borg | Updated DG MatrixAdded new logosUpdated Label Spec for RebrandingUpdated H2H Spec, rebranding  |  |
| 4.0.2301 | 03/01/2023 | Daniel Borg | Update Events/POD IP whitelisting IP addressesAdded PEM files to Print APIUpdated API error codesAdded Manifest JSON sample with multiple Shipments and Extra Services declaredAdded Sample JSON Print API Commercial Invoice Sample |  |
| 4.0.2302 | 24/02/2023 | Daniel Borg | Updated API URL’s to reflect new Team Global Express Domain replacing “tollgroup.com:6930/ws “ with“teamglobalexp.com:6930/gateway”Updated Print API URL to <https://au-print-prod-apigw.internal.myteamge.com/printDocument>Updated Print Certificates  |  |
| 4.1.2306 | 26/06/2023 | Daniel Borg | Updated Search URL to new DomainUpdated Token samplesUpdated XML samplesUpdated Print API URLs across all environmentsUpdated Print APIUpdated Events ListUpdated Suburbs List |  |