



API DOCUMENT (GENERAL)

Version 5.4

ABSTRACT

This document contains different API details for the merchants that needs to connect to eCourier platform.

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Version History

| Version | Changes in this version | Release Date | Author |
|---------|--|--------------|-------------------|
| 5.4 | Introduced to additional parameter (is_ipay) in Place Order API | 26-Jun-23 | Sadia Khan |
| 5.3 | Introduced to additional parameter (is_fragile, sending_type) in Place Order API | 27-Apr-23 | Sadia Khan |
| 5.2 | A new API added which is getting area list by district | 06-Jun-2022 | Md. Saifur Rahman |
| 5.1 | 2 New API added. Child Order Cancel and Payment Status | 16-Aug-2021 | Debashis Nag |
| 5.0 | Introduced to additional parameter in Place Order API | 11-Aug-2021 | Debashis Nag |

1.0 API Authentication Parameters

| Name | Type | MOC | Description | VALUE |
|--------------|--------|-----------|----------------------|------------------|
| API-KEY | string | Mandatory | Your api key | ***** |
| API-SECRET | string | Mandatory | Your api secret | ***** |
| USER-ID | string | Mandatory | Login ID | ***** |
| Content-type | string | Mandatory | Request content type | application/json |

* Authentication parameters are needed to be added header part of each request.

2.0 APIs and Details

2.1 Place Order

- ✧ Purpose: To place order
- ✧ Method: POST
- ✧ Path: /order-place

2.1.1 Input Parameters

| Name | TYPE | MOC | Description | Sample value |
|-------------------|---------|-----------|---|--|
| recipient_name | String | Mandatory | Parcel receiver's name. Not more than 250 Characters | Lal |
| recipient_mobile | String | Mandatory | Parcel receiver's mobile number. Exactly 11 digit long | 01XXXXXXXXXX |
| recipient_city | String | Mandatory | Parcel receiver's City. Not more than 40 characters | Dhaka |
| recipient_thana | String | Mandatory | Parcel receiver's Thana. Not more than 40 characters | Dhaka |
| recipient_area | String | Mandatory | Parcel receiver's area. Not more than 40 character | Dhanmondi 27 |
| recipient_address | String | Mandatory | Parcel receiver's address detail. Not more than 40 characters | House#34,Road#4,Block#4 Or Gudaraghat, North Badda Or Village:Rosulpur, Post:Post, Thana:Thana, Dist: District |
| package_code | String | Mandatory | Your package code | #1234 |
| product_price | Integer | Mandatory | Your Product Price | 1200 |
| payment_method | String | Mandatory | Your Payment Method | Cash On Delivery – COD, Point of Sale – POS, Mobile Payment – MPAY, Card Payment – CCRD |

| | | | | |
|-------------------------|---------|-----------|---|---|
| recipient_zip | String | Mandatory | Receiver's ZIP Code | 1212 Default null |
| parcel_type | String | Optional | Your parcel type | For box -> BOX For Documents -> DOC Default BOX |
| requested_delivery_time | String | Optional | Request Delivery time | Selected day (YYYY-MM-DD) Default Next day |
| product_id | String | Optional | Your product ID. Not more than 20 characters | AR123321 Default null |
| pick_address | String | Optional | Your alternative pick addresses. Not more than 255 characters | Any valid address. Default null |
| pick_hub | Integer | Optional | The hub id from where parcel is picked. Integer | Any integer |
| comments | String | Optional | Instructions for delivery. not than 255 characters | Default null |
| number_of_item | Integer | Optional | Total product | Default 1 |
| actual_product_price | Integer | Optional | Actual product price | Default 0 |
| special_instruction | String | Optional | About product | Default null |
| pgwid | String | Optional | Payment gateway ID. eCourier will share with merchant | Default null |
| pgwtxn_id | String | Optional | Payment gateway transaction ID | Default null |
| is_fragile | Integer | Optional | For Non-fragile Parcel-> 0, Fragile Parcel -> 1 | Default 0 |
| sending_type | Integer | Optional | For General -> 1 For Exchange -> 2 | Default 1 |
| is_ipay | Integer | Optional | For Instant Pay value will be 1 and other case value will be 0 (iPay will work only for COD payment method) | Default 0 |

2.1.2 Request Format

| Header | Body |
|---|--|
| Headers [API-SECRET:YOUR_SECRET API-KEY:YOUR_KEY USER-ID:USER_ID Content-Type: application/json] | Body { "recipient_name": "Debashis", "recipient_mobile": "01834795469", "recipient_city": "Dhaka", "recipient_area": "Badda", "recipient_thana": "Badda", "recipient_address": "Full Address", "package_code": "#2431", "product_price": 1500, "payment_method": "COD", "recipient_landmark": "DBBL ATM", "parcel_type": "BOX", "requested_delivery_time": "2019-07-05", "delivery_hour": "any", "recipient_zip": "1212", "pick_hub": "18490", "product_id": "DAFS", "pick_address": "Gudaraghat new mobile", "comments": "Please handle carefully", "number_of_item": "3", "actual_product_price": 1200, "pgwid": 8888, "pgwtxn_id": "asdasdsad", "is_fragile": 0, "sending_type": 1, "is_ipay": 0 } |

2.1.3 Response Format

| Status | Response |
|-------------------------|--|
| 200 Request accepted | <pre>{ "errors": [], "response_code": 200, "message": "Order Submitted", "ID": "ECR1030102170392" }</pre> |
| 401 Unauthorized Access | User does not have permission or authentication failed due to wrong credentials <pre>{ "errors": ["Unauthorized Access"], "response_code": 401 }</pre> |
| 400 Bad Request | Required parameter is missing or not set <pre>{ "errors": ["Invalid Request", "recipient_name Parameter either missing or not set correctly. "], "response_code": 400 }</pre> |

| | |
|---------------------------|---|
| 400 Bad Request | Package selection is incorrect <pre>{ "errors": ["Invalid Package", "The Package code does not exist or assigned to you"], "response_code": 400 }</pre> |
| 400 Bad Request | Product price and payment mismatch <pre>{ "errors": ["Invalid Request", "Product price 0 not allow in BOD and COD payment method"], "response_code": 400 }</pre> |
| 400 Bad Request | Duplicate product id and mobile <pre>{ "errors": ["Invalid Request", "Duplicate product id and mobile supplied"], "response_code": 400 }</pre> |
| 500 Internal Server Error | Server or System error <pre>{ "errors": ["Unable to insert orders"], "response_code": 500 }</pre> |

2.2 Parcel Tracking

- ✧ Purpose: To track parcel
- ✧ Method: POST
- ✧ Path: /track

2.2.1 Input Parameters

| Name | TYPE | MOC | Description | Sample value |
|------------|--------|-------------|------------------|------------------|
| Product_id | String | Conditional | Your product id | ASD123 |
| ecr | String | Conditional | Your eCourier ID | ECR1012312321312 |

2.2.2 Request Format

| Header | Body |
|--------|------|
|--------|------|

| | |
|---|---|
| Headers [<pre> API-SECRET:YOUR_SECRET API-KEY:YOUR_KEY USER-ID:USER_ID Content-Type: application/json </pre>] | Body <pre> { " product_id": "1234", " ecr": "ECR0032042424" } Or { " product_id": "1234" } Or { "ecr": "ECR0032042424" } </pre> |
|---|---|

2.2.3 Response Format

| Status | Response |
|-------------------------|--|
| 200 Request accepted | When Order doesn't exist <pre> { "response_code": 200, "message": "Success", "query_data": "No Data Found" } </pre> |
| 200 Request accepted | When Data Found <pre> { "response_code":200,"message":"Success", "query_data": [{"status": [["Delivered", "", "2017-01-20 12:04:55"], ["On the way to Delivery", "Status has been changed", "2017-01-20 12:03:39"], ["In Destination Branch", "Status has been changed", "2017-01-20 12:03:34"], ["In Transit", "Status has been changed", "2017-01-20 12:03:25"], ["In Source Branch", "Status has been changed", "2017-01-20 12:03:20"], ["Picked Up", "Status has been changed", "2017-01-20 12:01:37"], ["Initiated", "An order has been made by ecommerce", "2017-01-20 12:00:09"]], "REFID": "ECR1022001175478", "company": "MyTOTOcompany", "product_id": "", "r_name": "Mannan", "r_mobile": "01848308508", "r_address": "House:d,Block:d,Road:d,Area:Gopibag,City:Dhaka,Landmark:f", "r_area": "Gulshan-2", "r_type": "BOX", "r_time": "2017-01-20 12:00:09", "agent": "Sayeed", "paymentmethod": "COD", "paymentclear": "Clear", "r_timing": "Next Day(24hr)", "r_coverage": "Inside Dhaka", "r_weight": "Up To 500gm", "product_price": "10000", "shipping_price": "60", "cod": 100] } } </pre> ** There could be multiple cEourier_ids if product_id is not unique |
| 401 Unauthorized Access | User doesn't have permission or authentication failed due to wrong credentials <pre> { "errors": ["Unauthorized Access"], } </pre> |

| | |
|-----------------|---|
| | <pre> "response_code": 401 } </pre> |
| 400 Bad Request | <pre> When Product ID or eCourier ID is invalid { "errors": ["Invalid Data", "Please Set product id or ecr number or both"], "response_code":400 } </pre> |

2.3 Packages

- ✧ Purpose: To get assigned package list
- ✧ Method: POST
- ✧ Path: /packages

2.3.1 Request Format

| Header | Body |
|---|------|
| <pre> Headers [API-SECRET:YOUR_SECRET API-KEY:YOUR_KEY USER-ID:USER_ID Content-Type: application/json] </pre> | Body |

2.3.2 Response Format

| Status | Response |
|-------------------------|---|
| 200 | <p>Available Package data will be found</p> <pre> [{"package_name": "SAMEDAY_Inside_120tk", "package_code": "#2505", "shipping_charge": "120", "weight": "Up To 500gm", "delivery_time": "Same Day(8Hr)", "coverage_id": "1", "coverage": "Inside Dhaka" }, {... }, { ... }] </pre> |
| 401 Unauthorized Access | <p>User does not have permission or authentication failed due to wrong credentials</p> <pre> { "errors": ["Unauthorized Access"], "response_code": 401 } </pre> |

2.4 Cancel Order

- ✧ Purpose: To cancel an order while parcel status is "Initiated API" or "Initiated"

- ✧ Method: POST
- ✧ Path: /cancel-order

2.4.1 Input Parameters

| Name | TYPE | MOC | Description | Sample value |
|-----------------|--------|-----------|--|------------------------|
| tracking | String | Mandatory | Your eCourier ID | ECR12312321 |
| comment | String | Mandatory | Reason for cancel. But not more than 255 characters. | Customer does not like |

2.4.2 Request Format

| Header | Body |
|---|---|
| Headers [API-SECRET:YOUR_SECRET API-KEY:YOUR_KEY USER-ID:USER_ID Content-Type: application/json] | Body { "tracking":"ECR103132312321", "comment":"cancel comment" } |

2.4.3 Response Format

| Status | Response |
|-------------------------------|--|
| 200 | If tracking available with editable status and canceled {"success": "true", "message": "Order canceled"} If tracking available with editable status but not canceled {"success": "false", "message": " Order not canceled"} If tracking not available. {"success": "false", "message": "Invalid Tracking"} |
| 401 Unauthorized Access | User doesn't have permission or authentication failed due to wrong credentials { "errors": ["Unauthorized Access"], "response_code": 401 } |

2.5 Fraud Alert Check

- ✧ Purpose: To check any custom probability of fraudulent activity
- ✧ Method: POST
- ✧ Path: /fraud-status-check

2.5.1 Input Parameters

| Name | TYPE | MOC | Description | Sample value |
|---------------|--------|-----------|------------------------|--------------|
| number | String | Mandatory | Customer mobile number | 01XXXXXXXXXX |

2.5.2 Request Format

| Header | Body |
|---|---|
| Headers [API-SECRET:YOUR_SECRET API-KEY:YOUR_KEY USER-ID:USER_ID Content-Type: application/json] | Body { "number": "01xxxxxxxxx" } |

2.5.3 Response Format

| Status | Response |
|--------|---|
| 200 | <pre> { "success": true, "response_code": 200, "customer_status": "Warning!", "message": ["Reason of fraud"] } { "success": true, "response_code": 200, "customer_status": "New Customer for eCourier", "message": "" } { "success": true, "response_code": 200, "customer_status": "Verified by eCourier", "message": "" } { "success": false, "response_code": 203, "message": "Invalid number. Please provide a valid number." } { "success": false, "response_code": 203, "message": "Please contact with eCourier support to enjoy this service" } { "success": false, "response_code": 203, "message": " Insufficient COD Balance" } </pre> |

| | |
|-------------------------------|--|
| 401 Unauthorized Access | User doesn't have permission or authentication failed due to wrong credentials <pre>{ "errors": ["Unauthorized Access"], "response_code": 401 }</pre> |
|-------------------------------|--|

2.6 City List

- ✧ Purpose: To get City List
- ✧ Method: POST
- ✧ Path: /city-list

2.6.1 Request Format

| Header | Body |
|---|------|
| Headers [<pre>API-SECRET:YOUR_SECRET API-KEY:YOUR_KEY USER-ID:USER_ID Content-Type: application/json</pre>] | Body |

2.6.2 Response Format

| Status | Response |
|-------------------------------|--|
| 200 | Listed Cities <pre>[{ "name": "Dhaka", "value": "Dhaka" }, {.....} }, {.....} }]</pre> |
| 401 Unauthorized Access | User doesn't have permission or authentication failed due to wrong credentials <pre>{ "errors": ["Unauthorized Access"], "response_code": 401 }</pre> |

2.7 Thana List

- ✧ Purpose: To get Thana List
- ✧ Method: POST
- ✧ Path: /thana-list

2.7.1 Input Parameters

| Name | TYPE | MOC | Description | Sample value |
|------|--------|-----------|-------------|--------------|
| city | String | Mandatory | City Name | Barishal |

2.7.2 Request Format

| Header | Body |
|---|------|
| Headers [API-SECRET:YOUR_SECRET API-KEY:YOUR_KEY USER-ID:USER_ID Content-Type: application/json] | Body |

2.7.3 Response Format

| Status | Response |
|-------------------------------|--|
| 200 | <pre>["success": true, "message": [{ "name": "Agailjhara", "value": "Agailjhara" }, { "name": "Babuganj", "value": "Babuganj" }, {... }, { ... }]</pre> |
| 401 Unauthorized Access | <pre>User doesn't have permission or authentication failed due to wrong credentials { "errors": ["Unauthorized Access"], "response_code": 401 }</pre> |
| 400 Bad Request | <pre>Invalid Request { "errors": ["Invalid Request", "Thana not found by your search"], "response_code": 400 }</pre> |
| 400 Bad Request | <pre>Invalid Request {</pre> |

| |
|--|
| <pre> "errors": ["Invalid Request", " Please select thana"], "response_code": 400 } </pre> |
|--|

2.8 Area List by Post Code

- ✧ Purpose: To get Area List
- ✧ Method: POST
- ✧ Path: /area-list

2.8.1 Input Parameters

| Name | TYPE | MOC | Description | Sample value |
|----------|--------|-----------|-------------|--------------|
| postcode | String | Mandatory | Post code | 1212 |

2.8.2 Request Format

| Header | Body |
|---|------------------------------------|
| Headers [<pre> API-SECRET:YOUR_SECRET API-KEY:YOUR_KEY USER-ID:USER_ID Content-Type: application/json </pre>] | Body <pre> "postcode": 1212 </pre> |

2.8.3 Response Format

| Status | Response |
|--------|--|
| 200 | <pre> { "success": true, "message": [{ "name": "Abdullah Bag", "value": "Abdullah Bag" },], } </pre> |

| | |
|-------------------------|---|
| | <pre> "name": "Adorsho Nagor", "value": "Adorsho Nagor" }, { "name": "Agora", "value": "Agora" }] } </pre> |
| 401 Unauthorized Access | <pre> User doesn't have permission or authentication failed due to wrong credentials { "errors": ["Unauthorized Access"], "response_code": 401 } </pre> |
| 400 Bad Request | <pre> Invalid Data { "errors": ["Invalid Request", "Area not found by your search. "], "response_code": 400 } </pre> |
| 400 Bad Request | <pre> Invalid Request { "errors": ["Invalid Data", " Please select postcode. "], "response_code": 400 } </pre> |

2.9 Post Code List

- ✧ Purpose: To get Post Code List
- ✧ Method: POST
- ✧ Path: /postcode-list

2.9.1 Input Parameters

| Name | TYPE | MOC | Description | Sample value |
|-------|--------|-----------|-------------|--------------|
| city | String | Mandatory | City Name | Barishal |
| thana | String | Mandatory | Thana Name | Babuganj |

2.9.2 Request Format

| Header | Body |
|---|--|
| <pre> Headers [API-SECRET:YOUR_SECRET API-KEY:YOUR_KEY USER-ID:USER_ID Content-Type: application/json] </pre> | <pre> Body { "city": "Barishal" "thana": "Babuganj" } </pre> |

2.10.2 Response Format

| Status | Response |
|-------------------------------|---|
| 200 | <pre>"success": true, "message": [{ "name": "Andarkilla Hub", "value": 57 }, { ... }, { ... }]</pre> |
| 401 Unauthorized Access | <pre>User doesn't have permission or authentication failed due to wrong credentials { "errors": ["Unauthorized Access"], "response_code": 401 }</pre> |

2.11 Booster SMS Service

- ✧ Purpose: To broadcast SMS using Booster SMS service
- ✧ Method: POST
- ✧ Path: /bs-sms

2.11.1 Input Parameters

| Name | TYPE | MOC | Description | Sample value |
|--------------|--------|-----------|------------------------|---|
| number | Array | Mandatory | Mobile Number | ["01XXXXXXXXXX"] |
| op_title | String | Mandatory | Service Name | booster |
| text_type | String | Mandatory | Type of the text | text |
| op_body | String | Mandatory | Operation Body | hello js |
| service_type | String | Mandatory | Masking or Non Masking | mask for masking nonmask for non masking |

2.11.2 Request Format

| Header | Body |
|---|---|
| <pre>Headers [API-SECRET:YOUR_SECRET API-KEY:YOUR_KEY USER-ID:USER_ID Content-Type: application/json]</pre> | <pre>Body "number": ["01XXXXXXXXXX"] "op_title": "booster" "text_type": "text" "op_body": "hello js" "service_type": "mask"</pre> |

2.11.3 Response Format

| Status | Response |
|--------|----------|
|--------|----------|

| | |
|-----------------|--|
| 200 | { "success": true, "response_code": 200, "message": "All SMS sent", "wrong": [] } |
| 206 | { "success": true, "response_code": 206, "message": "Few SMS not sent", "wrong": ["880183495469"] } |
| 204 | { "success": false, "response_code": 204, "message": "SMS not sent.", "wrong": ["880173857162", "880183495469"] } |
| 203 | { "success": false, "response_code": 203, "message": "Insufficient COD Balance" } |
| 207 | { "success": false, "response_code": 207, "message": "Missing Mandatory data" } |
| 406 | { "success": false, "response_code": 406, "message": "SMS rate not define. Contact eCourier support." } |
| 404 | { "success": false, "response_code": 404, "message": "Your masking name missing. Contact eCourier Support" } |
| 400 Bad Request | { "errors": ["Invalid Request", null], "response_code": 400, "success": false } |

2.12 Booster Service Top-up

- ✧ Purpose: To top-up Booster Service account
- ✧ Method: POST
- ✧ Path: /bs-top

2.12.1 Input Parameters

| Name | TYPE | MOC | Description | Sample value |
|---------------|---------|-----------|----------------------|-------------------------|
| number | String | Mandatory | Mobile Number | 01XXXXXXXXXX |
| amount | Integer | Mandatory | Top Up Amount | 50 |
| operator_type | Integer | Mandatory | Type of the operator | Value -> 1 for prepaid, |

| | | | | |
|--|--|--|--|--|
| | | | | Value -> 2 for postpaid Default value 1 |
|--|--|--|--|--|

2.12.2 Request Format

| Header | Body |
|---|--|
| Headers [API-SECRET:YOUR_SECRET API-KEY:YOUR_KEY USER-ID:USER_ID Content-Type: application/json] | Body "number": "01XXXXXXXX" "amount": "10" "operator_type": "1" |

2.12.3 Response Format

| Status | Response |
|--------|---|
| 200 | <pre>{ "success": true, "response_code": 200, "transcation_id": "2388_1548834510_74832", "message": "Request Successfully Accepted. Your transaction ID is 2388_1548834510_74832" }</pre> |
| 400 | <pre>{ "errors": ["Invalid Request", null], "response_code": 400, "success": false }</pre> |
| 401 | <pre>{ "success": false, "response_code": 401, "message": "Invalid Mobile Number. Please try with the correct mobile number" }</pre> |
| 402 | <pre>{ "success": false, "response_code": 402, "message": "Insufficient COD Balance" }</pre> |
| 403 | <pre>{ "success": false, "response_code": 403, "message": "Unable to process now. Please try again later and contact eCourier support" }</pre> |
| 404 | <pre>{ "success": false, "response_code": 404, "message": "Missing required data" }</pre> |
| 405 | <pre>{ "success": false, "response_code": 405, "message": "Top up amount must be between 50 to 1,000 TK." }</pre> |

2.13 Booster Top-up Status Check

- ✧ Purpose: To check Booster top-up service
- ✧ Method: POST
- ✧ Path: /bs-top-status

2.13.1 Input Parameters

| Name | TYPE | MOC | Description | Sample value |
|----------------|--------|-----------|----------------|---------------------|
| transaction_id | String | Mandatory | Transaction Id | 10_1590903041_38811 |

2.13.2 Request Format

| Header | Body |
|---|---|
| Headers [API-SECRET:YOUR_SECRET API-KEY:YOUR_KEY USER-ID:USER_ID Content-Type: application/json] | Body "transaction_id": "10_1590903041_38811" |

2.13.3 Response Format

| Status | Response |
|--------|---|
| 200 | <pre>{ "success": true, "message": "Successfully recharged" }</pre> |
| 400 | <pre>{ "errors": ["Invalid Request", null], "response_code": 400, "success": false }</pre> |
| 401 | <pre>{ "success": false, "response_code": 401, "message": "Invalid transaction ID supplied" }</pre> |
| 403 | <pre>{ "success": false, "response_code": 403, "message": "Unable to process now. Please try again later and contact eCourier support " }</pre> |
| 404 | <pre>{ "success": false, "response_code": 404, "message": "Missing required data" }</pre> |

2.14 OTP SMS

- ✧ Purpose: To avail OTP SMS Service

- ✧ Method: POST
- ✧ Path: /bs-top-otp

2.14.1 Input Parameters

| Name | TYPE | MOC | Description | Sample value |
|--------------|--------|-----------|------------------------|--------------|
| number | String | Mandatory | Mobile Number | 01XXXXXXXXXX |
| op_title | String | Mandatory | Service Name | booster |
| text_type | String | Mandatory | Type of the text | text |
| op_body | String | Mandatory | Operation Body | hello js |
| service_type | String | Mandatory | Masking or Non Masking | mask |

2.14.2 Request Format

| Header | Body |
|---|---|
| Headers [API-SECRET:YOUR_SECRET API-KEY:YOUR_KEY USER-ID:USER_ID Content-Type: application/json] | Body "number": "01XXXXXXXXXX" "op_title": "booster" "text_type": "text" "op_body": "hello js" "service_type": "mask" |

2.14.3 Response Format

| Status | Response |
|--------|--|
| 200 | <pre>{ "success": true, "response_code": 200, "message": "All SMS sent", "wrong": [] }</pre> |
| 206 | <pre>{ "success": true, "response_code": 206, "message": "Few SMS not sent", "wrong": ["880183495469"] }</pre> |
| 204 | <pre>{ "success": false, "response_code": 204, "message": "SMS not sent.", "wrong": ["880183495469"] }</pre> |
| 203 | <pre>{ "success": false, "response_code": 203, "message": "Insufficient COD Balance" }</pre> |
| 207 | <pre>{ "success": false, "response_code": 207, "message": "Missing required data" }</pre> |
| 406 | <pre>{ "success": false, "response_code": 406, "message": "SMS rate not define. Contact eCourier support." }</pre> |
| 404 | <pre>{ "success": false,</pre> |

| | |
|-----------------|--|
| | <pre>"response_code": 404, "message": "Your masking name missing. Contact eCourier Support" }</pre> |
| 400 Bad Request | <pre>{ "errors": ["Invalid Request", null], "response_code": 400, "success": false }</pre> |

2.15 Child Parcel Tracking

- ✧ Purpose: To track child parcel
- ✧ Method: POST
- ✧ Path: /track-child

2.15.1 Input Parameters

| Name | TYPE | MOC | Description | Sample value |
|------|--------|-------------|------------------|------------------|
| Ecr | String | Conditional | Your eCourier ID | ECR1012312321312 |

2.15.2 Request Format

| Header | Body |
|---|---|
| <pre>Headers [API-SECRET:YOUR_SECRET API-KEY:YOUR_KEY USER-ID:USER_ID Content-Type: application/json]</pre> | <pre>Body { " product_id": "1234", " ecr": "ECR0032042424" } Or { " product_id": "1234" } Or { "ecr": "ECR0032042424" }</pre> |

2.15.3 Response Format

| Status | Response |
|-------------------------|---|
| 200 Request accepted | When Order doesn't exist <pre>{ "response_code": 200, "success": false, "query_data": "No Data Found" }</pre> |
| 200 Request accepted | When Data Found <pre>{ "response_code":200, "success":true, "query_data": [{"status": [["Delivered","","2017-01-20 12:04:55"], ["On the way to Delivery","Status has been changed", "2017-01-20 12:03:39"], ["In Destination Branch","Status has been changed", "2017-01-20 12:03:34"], ["In Transit","Status has been changed", "2017-01-20 12:03:25"], ["In Source Branch","Status has been changed", "2017-01-20 12:03:20"], ["Picked Up","Status has been changed", "2017-01-20 12:01:37"], ["Initiated","An order has been made by ecommerce", "2017-01-20 12:00:09"]] }, "REFID":"ECR1022001175478","company":"MyTOTOcompany", "product_id":"","r_name":"Mannan","r_mobile":"01848308508", "r_address":"House:d,Block:d,Road:d,Area:Gopibag,City:Dhaka,Landmark:f", "r_area":"Gulshan-2","r_type":"BOX", "r_time":"2017-01-20 12:00:09", "agent":"Sayeed","paymentmethod":"COD","paymentclear":"Clear", "r_timing":"Next Day(24hr)","r_coverage":"Inside Dhaka", "r_weight":"Up To 500gm","product_price":"10000", "shipping_price":"60","cod":100] }</pre> <p>** There could be multiple cCourier_ids if product_id is not unique</p> |
| 401 Unauthorized Access | User doesn't have permission or authentication failed due to wrong credentials <pre>{ "errors": ["Unauthorized Access"], "response_code": 401 }</pre> |
| 400 Bad Request | When Product ID or eCourier ID is invalid <pre>{ "response_code": 200, "success": false, "query_data": "Please set ECR number" }</pre> |

2.16 Label Print

- ✧ Purpose: To track child parcel
- ✧ Method: POST
- ✧ Path: /label-print

2.16.1 Input Parameters

| Name | TYPE | MOC | Description | Sample value |
|----------|--------|-------------|------------------|------------------|
| tracking | String | Conditional | Your eCourier ID | ECR1012312321312 |

2.16.2 Request Format

| Header | Body |
|---|---|
| Headers [API-SECRET:YOUR_SECRET API-KEY:YOUR_KEY USER-ID:USER_ID Content-Type: application/json] | Body { "tracking": "ECR1184902409200325" } |

2.16.3 Response Format

| Status | Response |
|-------------------------|---|
| 200 Request accepted | When Order doesn't exist { "success": false, "response_code": 200, "query_data": "Parcel not found" } |
| 200 Request accepted | When Data Found { "success": true, "response_code": 200, "query_data": "https://staging.ecourier.com.bd/invoices/print_slip1604833594_2160.pdf" } |
| 401 Unauthorized Access | User doesn't have permission or authentication failed due to wrong credentials { "errors": ["Unauthorized Access"], "response_code": 401 } |
| 400 Bad Request | When tracking is missing { "success": false, "response_code": 200, "query_data": "Tracking ID required" } |

2.17 Child Parcel Cancel

- ✧ Purpose: To cancel an order while parcel status is "Initiated API" or "Initiated"
- ✧ Method: POST
- ✧ Path: /cancel-order-child

2.17.1 Input Parameters

| Name | TYPE | MOC | Description | Sample value |
|-----------------|--------|-----------|--|------------------------|
| tracking | String | Mandatory | Your eCourier ID | ECR12312321 |
| comment | String | Mandatory | Reason for cancel. But not more than 255 characters. | Customer does not like |

2.17.2 Request Format

| Header | Body |
|---|--|
| Headers [<pre> API-SECRET:YOUR_SECRET API-KEY:YOUR_KEY USER-ID:USER_ID Content-Type: application/json </pre>] | Body <pre> { "tracking": "ECR103132312321", "comment": "cancel comment" } </pre> |

2.17.3 Response Format

| Status | Response |
|-------------------------------|--|
| 200 | If tracking available with editable status and canceled <pre> {"success": "true", "message": "Order canceled"} </pre> If tracking available with editable status but not canceled <pre> {"success": "false", "message": " Order not canceled"} </pre> If tracking not available. <pre> {"success": "false", "message": "Invalid Tracking"} </pre> |
| 401 Unauthorized Access | User doesn't have permission or authentication failed due to wrong credentials <pre> { "errors": ["Unauthorized Access"], "response_code": 401 } </pre> |

2.18 Payment Status

- ✧ Purpose: To know about payment status by giving tracking
- ✧ Method: POST
- ✧ Path: /payment-status

2.18.1 Input Parameters

| Name | TYPE | MOC | Description | Sample value |
|-----------------|--------|-----------|------------------|--------------|
| tracking | String | Mandatory | Your eCourier ID | ECR12312321 |

2.18.2 Request Format

| Header | Body |
|---|---|
| Headers [API-SECRET:YOUR_SECRET API-KEY:YOUR_KEY USER-ID:USER_ID Content-Type: application/json] | Body { "tracking": "ECR103132312321" } |

2.18.3 Response Format

| Status | Response |
|-------------------------------|---|
| 200 | If any parcel has with status { "success": true, "message": { "payment_id": 20, "payment_mode": "dbbl", "collected_amount": 500, "payment_date": "2020-12-07 18:05:18", "shipping_charge": 130, "booking_price": 8, "fragile_price": 0, "cash_on_delivery": 148 } } If invalid tracking { "success": false, "message": "Order not Found" } } |
| 401 Unauthorized Access | User doesn't have permission or authentication failed due to wrong credentials { "errors": ["Unauthorized Access"], "response_code": 401 } |

2.19 Area by District

- ✧ Purpose: To get area list by district
- ✧ Method: POST
- ✧ Path: /area-by-district

2.19.1 Input Parameters

| Name | TYPE | MOC | Description | Sample value |
|-----------------|--------|-----------|-------------------|--------------|
| district | String | Mandatory | receiver district | Dhaka |

2.19.2 Request Format

| Header | Body |
|---|----------------------------------|
| Headers [API-SECRET:YOUR_SECRET API-KEY:YOUR_KEY | Body { "district": "Dhaka" |

| | |
|--|---|
| USER-ID:USER_ID Content-Type: application/json] | } |
|--|---|

2.19.3 Response Format

| Status | Response |
|-------------------------------|--|
| 200 | If district have area <pre>{ "success": true, "data": [{ "id": 2, "hub_id": 1, "post_code": "1212", "name": "Gulshan-2" }] }</pre> If invalid tracking <pre>{ "success": false, "data": "Area Not found" }</pre> |
| 401 Unauthorized Access | User doesn't have permission or authentication failed due to wrong credentials <pre>{ "errors": ["Unauthorized Access"], "response_code": 401 }</pre> |

3.0 Response Code Definition

All status codes are standard HTTP status codes. The below ones are used in this API.

- ✧ 2XX - Success of some kind
- ✧ 4XX - Error occurred in client's part
- ✧ 5XX - Error occurred in server's part

4.0 Sandbox Base URL

<https://staging.ecourier.com.bd/api>

5.0 Live Base URL

<https://backoffice.ecourier.com.bd/api>