IW Express API Documentation V 2.7

**Environment - Development**

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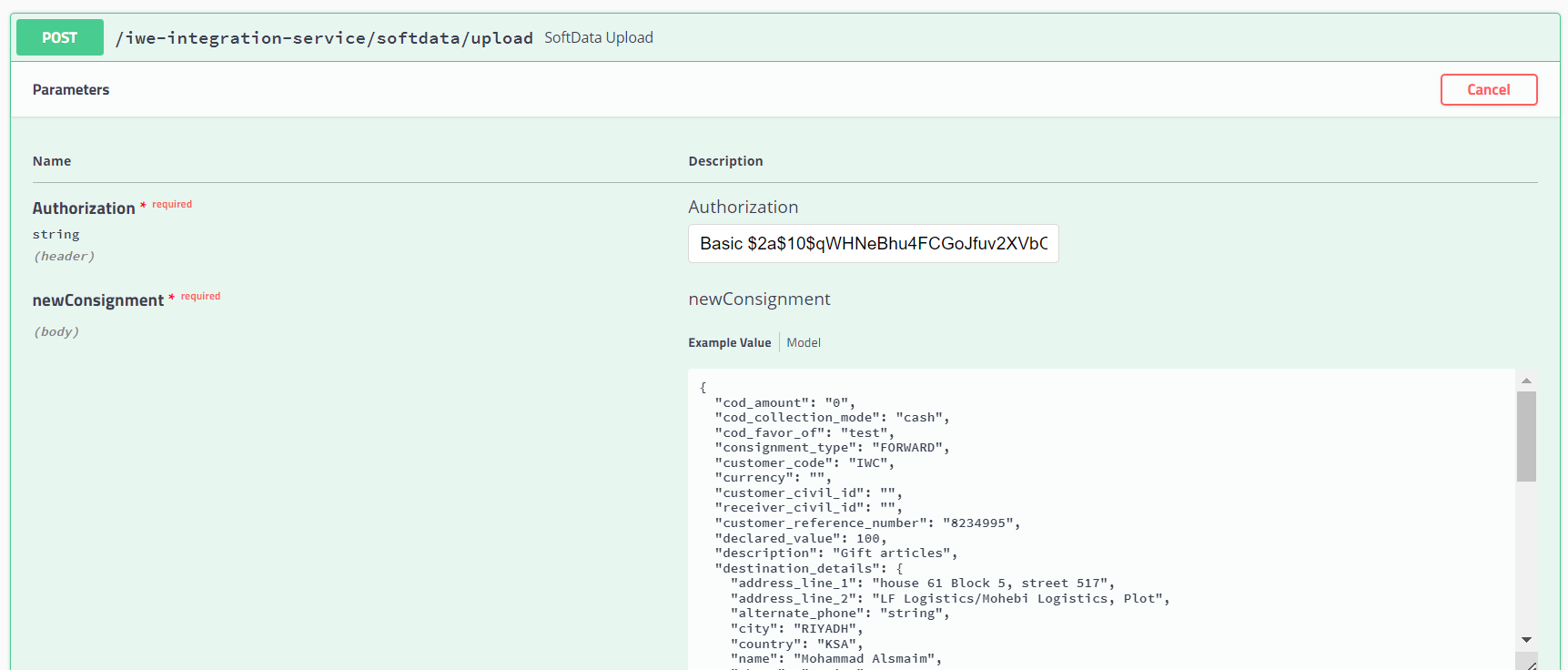
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**API #1: Consignment Creation**

API URL: <https://dev-b2b.iwexpress.com:5001/iwexpress/iwe-integration-service/softdata/upload>

Request Type: POST

Input Authorization: Basic $2a$10$qWHNeBhu4FCGoJfuv2XVbO9Yq4QBUwGSvNM0bGpYUVc3iY8jXsJwO

Request Payload

Response with <Consignment Reference Number>

#### SAMPLE REQUEST

{

"cod\_amount": "100",

"currency": "SAR",

"cod\_collection\_mode": "cash", "cod\_favor\_of": "test", "consignment\_type": "FORWARD", "customer\_code": "GNM", "customer\_reference\_number": "296163865",

"customer\_civil\_id": "23333333",

"receiver\_civil\_id": "466655557",

"declared\_value": 100, "description": "Gift", "destination\_details": {

"address\_line\_1": "house 61 Block 5, street 517", "address\_line\_2": "LF Logistics/Mohebi Logistics, Plot", "alternate\_phone": "string",

"city": "Kuwait",

"country": "Kuwait", "name": "الصميم محمد", "phone": "string",

"pincode": "91710",

"state": "string"

},

"dimension\_unit": "CM", "height": "5",

"is\_risk\_surcharge\_applicable": true,

"length": "10", "load\_type": "DOCUMENT", "notes": "test", "num\_pieces": 10, "origin\_details": {

"address\_line\_1": "LF Logistics/Mohebi Logistics, Plot", "address\_line\_2": "Mohebi Logistics; Plot WT01 & WT04", "alternate\_phone": "",

"city": "Dubai",

"country": "UAE", "name": " الكوخ مجموعة",

"phone": "97101606811863",

"pincode": "8005",

"state": "DUBAI"

},

"pieces\_detail": [

{

"declared\_value": 100, "description": "Gift", "height": 100,

"length": 500,

"weight": 1.2,

"width": 200,

"quantity": "1"

}

],

"service\_type\_id": "PREMIUM", "weight": 1.2,

"weight\_unit": "KG",

"width": "200"

}

|  |  |  |
| --- | --- | --- |
| **Attributes** | **Condition** | Remarks |
| customer\_code | Mandatory | Customer code defined in IW Express |
| service\_type\_id | Mandatory | Pass it as a "PREMIUM" (Hardcoded) |
| dimension\_unit | Mandatory | Unit for dimensions of piece. Allowed: 'cm', 'in', 'mm', 'm'. default is 'cm' |
| length | Mandatory | Length of consignment piece (cm). Required in pieces\_details for NON-DOCUMENT |
| width | Mandatory | Width of consignment piece (cm). Required in pieces\_details for NON-DOCUMENT |
| height | Mandatory | Height of consignment piece (cm). Required in pieces\_details for NON-DOCUMENT |
| volume | Optional | Volume of consignment |
| volume\_unit | Optional | Unit of volume. Allowed: 'ccm', 'cd3', 'cl', 'foz', 'ft3', 'gal', 'hl', 'l', 'ml', 'mm3', 'pt, 'qt', 'yd3', 'mmq', 'µl'. Default is 'cm3' |
| weight | Mandatory | Weight of consignment. Required in pieces\_details for NON-DOCUMENT |
| weight\_unit | Mandatory | Unit of Weight. Optional Allowed: 'gm', 'kg', 'kt', 'lb', 'mg', 'oz', 'to', 'ton'. Default is 'kg'. |
| consignment\_type | Mandatory | Consignment Type. Allowed types ('forward', 'reverse') |
| currency | Mandatory | Currency of consignment |
| load\_type | Optional | load type for the consignment. Allowed: ('DOCUMENT', 'NON-DOCUMENT') |
| cod\_amount | Optional | COD amount to be collected for the consignment under consideration |
| cod\_collection\_mode | Optional | COD collection mode. Allowed (“cash”, “cheque”, “dd”) |
| cod\_favor\_of | Optional | Details of the entity in whose name collection is to be made |
| customer\_civil\_id | Optional | Civil ID of the Customer |
| receiver\_civil\_id | Optional | Civil ID of the Receiver |
| customer\_reference\_number | Optional | Customer's order number |
| declared\_value | Optional | Declared value of consignment. Also accepted as an Integer |
| description | Optional | Description of the consignment |
| is\_risk\_surcharge\_applicable | Optional | Insurance value . Allowed values (True, False) |
| notes | Optional | Any notes that adds relevant information to the consignment |
| num\_pieces | Optional | Number of pieces of Consignment. Also accepted as an Integer |
| **origin\_details\*** |  |  |
| name\* | Mandatory | Name of consignor (in case of origin) or Consignee (in case of destination) |
| phone\* | Mandatory | Phone number of Consignor (in case of origin) or Consignee (in case of destination) |
| alternate\_phone | Optional | Alternate Phone number of Consignor (in case of origin) or Consignee (in case of destination). |
| address\_line\_1\* | Mandatory | Address details of the Consignor (in case of origin) or Consignee (in case of destination) |
| address\_line\_2 | Optional | Address details of the Consignor (in case of origin) or Consignee (in case of destination) |
| pincode\* | Optional | Pincode details of the Consignor (in case of origin) or Consignee (in case of destination) |
| city | Mandatory | City of the Consignor (in case of origin) or Consignee (in case of destination) |
| state | Mandatory | State of the Consignor (in case of origin) or Consignee (in case of destination) |
| country | Mandatory | Country of the Consignor (in case of origin) or Consignee (in case of destination) |
| **destination\_details\*** |  |  |
| name\* | Mandatory | Name of consignor (in case of origin) or Consignee (in case of destination) |
| phone\* | Mandatory | Phone number of Consignor (in case of origin) or Consignee (in case of destination) |
| alternate\_phone | Optional | Alternate Phone number of Consignor (in case of origin) or Consignee (in case of destination). Optional |
| address\_line\_1\* | Mandatory | Address details of the Consignor (in case of origin) or Consignee (in case of destination). Optional |
| address\_line\_2 | Optional | Address details of the Consignor (in case of origin) or Consignee (in case of destination). Optional |
| pincode\* | Optional | Pincode details of the Consignor (in case of origin) or Consignee (in case of destination). Optional |
| city | Mandatory | City of the Consignor (in case of origin) or Consignee (in case of destination). Optional |
| state | Mandatory | State of the Consignor (in case of origin) or Consignee (in case of destination). Optional |
| country | Mandatory | Country of the Consignor (in case of origin) or Consignee (in case of destination). Optional |
| **Consignment Piece Details** |  |  |
| description | Optional | Piece Description of Consignment Piece. Optional |
| declared\_value | Mandatory | Declared value of Consignment Piece. Required in pieces\_details for NON-DOCUMENT |
| weight | Mandatory | Weight of consignment piece (kg). Required in pieces\_details for NON-DOCUMENT |
| height | Mandatory | Height of consignment piece (cm). Required in pieces\_details for NON-DOCUMENT |
| length | Mandatory | Length of consignment piece (cm). Required in pieces\_details for NON-DOCUMENT |
| width | Mandatory | Width of consignment piece (cm). Required in pieces\_details for NON-DOCUMENT |
| quantity | Optional | Quantity of consignment piece |
| weight\_unit | Mandatory | Unit of Weight. Optional Allowed: 'gm', 'kg', 'kt', 'lb', 'mg', 'oz', 'to', 'ton'. Default is 'kg'. |

**API #2: Shipping Label**

## API URL:

## https://dev-b2b.iwexpress.com:5001/iwexpress/iwe-integration-service/{referenceNumber}/shippingLabel

## Sample Request:

## <https://dev-b2b.iwexpress.com:5001/iwexpress/iwe-integration-service/IW00001/shippingLabel>

## Request Type: GET

### Input Authorization as below.

Basic $2a$10$qWHNeBhu4FCGoJfuv2XVbO9Yq4QBUwGSvNM0bGpYUVc3iY8jXsJwO

Response: <pdf file>

A screenshot of a computer

Description automatically generated

A close up of a paper

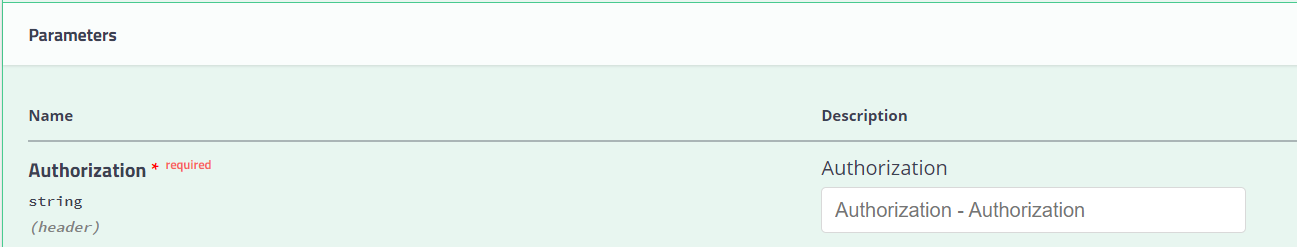
Description automatically generated

**API #3: Consignment Creation with Shipping Label generation**

API URL: <https://dev-b2b.iwexpress.com:5001/iwexpress/iwe-integration-service/softdata/upload/v2>

Request Type: POST

Input Authorization: Basic $2a$10$qWHNeBhu4FCGoJfuv2XVbO9Yq4QBUwGSvNM0bGpYUVc3iY8jXsJwO



### Order Details as like below structure (JSON Provided)

A screenshot of a computer

Description automatically generated

Request JSON

{

"cod\_amount": "string",

"currency": "string",

"cod\_collection\_mode": "string", "cod\_favor\_of": "string", "consignment\_type": "string", "customer\_code": "GNM", "customer\_reference\_number": " string",

"customer\_civil\_id": "string",

"receiver\_civil\_id": "string",

"declared\_value": 0, "description": "string", "destination\_details": {

"address\_line\_1": "string", "address\_line\_2": "string", "alternate\_phone": "string", "city": "string",

"country": "string",

"name": "string",

"phone": "string",

"pincode": "string",

"state": "string"

},

"dimension\_unit": "string", "height": "string", "is\_risk\_surcharge\_applicable": true, "length": "string",

"load\_type": "string", "notes": "string", "num\_pieces": 0, "origin\_details": {

"address\_line\_1": "string", "address\_line\_2": "string", "alternate\_phone": "string", "city": "string",

"country": "string",

"name": "string",

"phone": "string",

"pincode": "string",

"state": "string"

},

"pieces\_detail": [

{

"declared\_value": 0, "description": "string", "height": 0,

"length": 0,

"weight": 0,

"width": 0,

"quantity": "string"

}

],

"service\_type\_id": "string", "weight": 0,

"weight\_unit": "string", "width": "string"

}

#### SAMPLE REQUEST

{

"cod\_amount": "100",

"currency": "SAR",

"cod\_collection\_mode": "cash", "cod\_favor\_of": "test", "consignment\_type": "FORWARD", "customer\_code": "GNM", "customer\_reference\_number": "296163865",

"customer\_civil\_id": "23333333",

"receiver\_civil\_id": "466655557",

"declared\_value": 100, "description": "Gift", "destination\_details": {

"address\_line\_1": "house 61 Block 5, street 517", "address\_line\_2": "LF Logistics/Mohebi Logistics, Plot", "alternate\_phone": "string",

"city": "Kuwait",

"country": "Kuwait", "name": "الصميم محمد", "phone": "string",

"pincode": "91710",

"state": "string"

},

"dimension\_unit": "CM", "height": "5",

"is\_risk\_surcharge\_applicable": true,

"length": "10", "load\_type": "DOCUMENT", "notes": "test", "num\_pieces": 10, "origin\_details": {

"address\_line\_1": "LF Logistics/Mohebi Logistics, Plot", "address\_line\_2": "Mohebi Logistics; Plot WT01 & WT04", "alternate\_phone": "",

"city": "Dubai",

"country": "UAE", "name": " الكوخ مجموعة",

"phone": "97101606811863",

"pincode": "8005",

"state": "DUBAI"

},

"pieces\_detail": [

{

"declared\_value": 100, "description": "Gift", "height": 100,

"length": 500,

"weight": 1.2,

"width": 200,

"quantity": "1"

}

],

"service\_type\_id": "PREMIUM", "weight": 1.2,

"weight\_unit": "KG",

"width": "200"

}

Response JSON: [PDF Stream response]

A close up of a paper

Description automatically generated

**API #4: Consignment Tracking**

API URL:

[https://dev-b2b.iwexpress.com:5001/iwexpress/iwe-integration-service/tracking/{referenceNumber}/shipment](https://dev-b2b.iwexpress.com:5001/iwexpress/iwe-integration-service/tracking/%7breferenceNumber%7d/shipment)

referenceNumber: [consignment reference number]

Request Type: GET

Authorization: Basic $2a$10$qWHNeBhu4FCGoJfuv2XVbO9Yq4QBUwGSvNM0bGpYUVc3iY8jXsJwO

Sample Request:

<https://dev-b2b.iwexpress.com:5001/iwexpress/iwe-integration-service/tracking/IW00001/shipment>

Response JSON: [Consignment Tracking details]

A screenshot of a computer

Description automatically generated

A computer screen with a black background

Description automatically generated with medium confidence

**Client Status Update Webhook**

**Domestic Shipments**

Following are the list of events (with description) supported which is provided in the key type as seen in the payload. Supported Events

1. **accept** - When the consignment is out for delivery

2. **added\_to\_bag** - When the consignment is added to a bag in a trip

3. **assigned\_for\_delivery** - When a consignment is assigned to any rider for delivery

4. **assigned\_to\_hub** - When task is assigned to rider for delivery

5. **attempted** - When a consignment is undelivered

6. **bag\_received** - When bag is unloaded from the trip

7. **cancelled** - When a consignment is cancelled

8. **consignment\_verification** - When consignment Verification is done

9. **customs\_clearance\_completed** - When the consignment is cleared from customs

10. **delay\_at\_airport** - When the consignment is at airport and not processed due to some reasons

11. **delivered** - When a consignment is delivered

12. **delivery\_pod** - When the 3PL send s POD separately post the delivered event (Select this event is you are using delivered event)

13. **deps\_exception** - When the consignment is received as Damaged, Excess, Shortage or Pilferage

14. **exception** - When an event is received that does not belong to other events in the list

15. **handed\_in\_customs\_clearance** - When the consignment is handed to the customs at airport

16. **handover\_courier\_partner** - When the consignment is handed over to the 3PL

17. **inscan\_at\_hub** - When a consignment is in scanned at any hub

18. **intransittohub** - When a consignment is part of any mid mile hub and the mid mile trip is ongoing

19. **lost** - When a consignment is lost

20. **not\_picked\_up** - When the consignment is not picked up

21. **on\_hold** - When consignment is put on hold for some reasons

22. **out\_for\_pickup** - When the delivery executive is out for pickup

23. **out\_for\_store\_pickup** - When the delivery executive is out for pickup (PUDO Flow only)

24. **outscan\_at\_hub** - When a consignment is marked as outscan from a hub

25. **pickup\_awaited** - When the delivery executive is yet to be assigned for pickup

26. **pickup\_completed** - When the pickup is completed by the delivery executive

27. **pickup\_scheduled** - When the pickup has been scheduled for a consignment

28. **reachedathub** - When the consignment reached the destination hub (generally the last mile hub)

29. **release\_on\_hold** - When a consignment is released from hold

30. **reschedule** - When the consignment pickup or delivery is rescheduled

31. **returned\_at\_hub** - When the consignment is received at hub post a delivery attempt

32. **revert\_from\_delivered** - When a consignment is revoked from delivery for exceptional reasons (Applicable from CRM)

33. **revoke\_rto** - When RTO is revoked for exceptional reasons (Applicable from CRM)

34. **rto** - When the consignment is marked as RTO

35. **rto\_attempted** - When the consignment is undelivered in a RTO journey

36. **rto\_delivered** - When the consignment is delivered in a RTO journey

37. **rto\_in\_transit** - When the consignment is in transit in a RTO journey

38. **rto\_initiated** - When the consignment is marked as RTO (this is a preferred over the event rto)

39. **rto\_inscan\_at\_hub** - When the consignment is inscanned at hub in a RTO journey

40. **rto\_outfordelivery** - When the consignment is out for delivery in a RTO Journey

41. **seized** - When the consignment is seized by an external party before being delivered

42. **shelved** - When the consignment is shelved for some reasons

43. **softdata\_upload** - When consignment is created in Shipsy system

44. **vehicle\_arrived** - When the vehicle has arrived to a different hub in a middle mile trip

**Cross Border Shipments**

Following are the list of events (with description) supported which is provided in the key type as seen in the payload.

Supported Events

1. on\_hold

2. release\_on\_hold

3. pickup\_completed

4. delivered

5. attempted

6. rto

7. cancel

8. shipment\_clear\_successfully

9. intransit\_to\_hub

10. reached\_at\_hub

11. inscan\_at\_hub

12. accept