

# **IW Express API Documentation**

## Table of Contents

<b>API #1: Softdata Upload</b>	3
<b>API #2: Shipping Label</b>	4
<b>API #3: Softdata Upload &amp; Shipping Label</b>	6
<b>API #4: Consignment Tracking</b>	9
<b>Client Status Update Webhook</b>	10

## API #1: Softdata Upload

API URL: <http://15.207.62.25:5001/iwexpress/iwe-integration-service/softdata/upload>

Request Type: POST

Input Authorization as like below.

Basic \$2a\$10\$qWHNeBhu4FCGoJfuv2XVb09Yq4QBUwGSvNM0bGpYUVC3iY8jXsJwO

### Request Payload

POST /iwe-integration-service/softdata/upload SoftData Upload	
Parameters	
Name	Description
<b>Authorization</b> * required string (header)	Authorization <div>Basic \$2a\$10\$qWHNeBhu4FCGoJfuv2XVb09Yq4QBUwGSvNM0bGpYUVC3iY8jXsJwO</div>
<b>newConsignment</b> * required (body)	newConsignment <div>Example Value   Model {   "cod_amount": "100",   "cod_collection_mode": "cash",   "cod_favor_of": "test",   "consignment_type": "FORWARD",   "customer_code": "BOQ",   "customer_reference_number": "296163865", }</div>

### Response with <Consignment Reference Number>

#### SAMPLE REQUEST

```
{
  "cod_amount": "100",
  "cod_collection_mode": "cash",
  "cod_favor_of": "test",
  "consignment_type": "FORWARD",
  "customer_code": "BOQ",
  "customer_reference_number": "296163865",
  "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": "محمد الصميم",
    "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": "مجموعة الكوخ",
  "phone": "97101606811863",
  "pincode": "8005",
  "state": "DUBAI"
},
"pieces_detail": [
  {
    "declared_value": 100,
    "description": "Gift",
    "height": 100,
    "length": 500,
    "weight": 1.2,
    "width": 200
  }
],
"service_type_id": "PREMIUM",
"weight": 1.2,
"weight_unit": "KG",
"width": "200"
}

```

---

## API #2: Shipping Label

API URL:

<http://15.207.62.25:5001/iwexpress/iwe-integration-service/{referenceNumber}/shippingLabel>

Sample Request:

<http://15.207.62.25:5001/iwexpress/iwe-integration-service/BOQ00182/shippingLabel>

Request Type: POST

Input Authorization as like below.

Basic \$2a\$10\$qWHNeBhu4FCGoJfuv2XVb09Yq4QBUwGSvNM0bGpYUVc3iY8jXsJw0

## Integration Service Integration Controller

**GET**`/iwe-integration-service/{referenceNumber}/shippingLabel` Get a Shipping Label

### Parameters

Name

Description

**Authorization** \* requiredstring  
(header)

Authorization

Basic \$2a\$10\$qWHNeBhu4FCGoJfuv2XVbC



**referenceNumber** \* requiredstring  
(path)

referenceNumber

BOQ00159

Execute

Response: &lt;pdf file&gt;

		Date: <b>22 May, 2023 01:13:12hrs</b>	Destination Code:
		Customer Reference #: <b>296163865</b>	Product Type: <b>DOCUMENT</b>
		Account No.: <b>BOQ</b>	Payment Mode: <b>CASH</b>
From: <b>مجموعة الكوخ</b> <b>Address: LF Logistics/Mohebi Logistics, Plot, Mohebi Logistics; Plot WT01 &amp; WT04, City: Dubai 8005</b> <b>Mobile: 97101606811863</b> <b>Country: UAE</b>		To: <b>محمد الصميم</b> <b>Address: house 61 Block 5, street 517, LF Logistics/Mohebi Logistics, Plot, City: Kuwait 91710</b> <b>Mobile: string</b> <b>Country: Kuwait</b>	
Pieces: <b>10</b> Weight: <b>1.2 Kg</b>	COD: <b>100.0 SAR</b>	 <b>BOQ00159</b> <b>PREMIUM</b> Goods Value: <b>100 SAR</b> 1/10	
Item Description: <b>Gift</b>			

## API #3: Softdata Upload & Shipping Label

API URL: <http://15.207.62.25:5001/iwexpress/iwe-integration-service/softdata/upload/v2>

Request Type: POST

Input Authorization as like below.

Basic \$2a\$10\$qWHNeBhu4FCGoJfuv2XVb09Yq4QBUwGSvNM0bGpYUVC3iY8jXsJwO

Name	Description
<b>Authorization</b> * required string (header)	Authorization <input type="text" value="Authorization - Authorization"/>

Order Details as like below structure (JSON Provided)

POST /iwe-integration-service/softdata/upload/v2 SoftData Upload with PDF Response

Parameters

Cancel

Name	Description
<b>Authorization</b> * required string (header)	Authorization <input type="text" value="Basic \$2a\$10\$qWHNeBhu4FCGoJfuv2XVb09Yq4QBUwGSvNM0bGpYUVC3iY8jXsJwO"/>
<b>newConsignment</b> * required (body)	newConsignment <div>Example Value   Model <pre>{   "cod_amount": "100",   "cod_collection_mode": "cash",   "cod_favor_of": "test",   "consignment_type": "FORWARD",   "customer_code": "BOQ",   "customer_reference_number": "296163865",   "declared_value": 100,   "description": "Gift",   "destination_details": {     "address_line_1": "house 61 Block 5, street 517",     "address_line_2": "LF Logistics/Hohebi Logistics, Plot",     "alternate_phone": "string",     "city": "Kuwait",     "country": "Kuwait",     "name": "البحمد للتسليم",     "phone": "string"   } }</pre></div>

Request JSON

```
{
  "cod_amount": "string",
  "cod_collection_mode": "string",
  "cod_favor_of": "string",
  "consignment_type": "string",
  "customer_code": "BOQ",
  "customer_reference_number": "296163865",
  "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
    }
  ],
  "service_type_id": "string",
  "weight": 0,
  "weight_unit": "string",
  "width": "string"
}

```

#### **SAMPLE REQUEST**

```

{
  "cod_amount": "100",
  "cod_collection_mode": "cash",
  "cod_favor_of": "test",
  "consignment_type": "FORWARD",
  "customer_code": "BOQ",
  "customer_reference_number": "296163865",
  "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": "محمد الصميم",
    "phone": "string",
    "pincode": "91710",
    "state": "string"
  },
  "dimension_unit": "CM",
  "height": "5",
  "is_risk_surcharge_applicable": true,



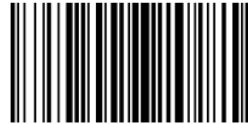
```

```

"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": "مجموعة الكوخ",
  "phone": "97101606811863",
  "pincode": "8005",
  "state": "DUBAI"
},
"pieces_detail": [
  {
    "declared_value": 100,
    "description": "Gift",
    "height": 100,
    "length": 500,
    "weight": 1.2,
    "width": 200
  }
],
"service_type_id": "PREMIUM",
"weight": 1.2,
"weight_unit": "KG",
"width": "200"
}

```

Response JSON: [PDF Stream response]

		Date: <b>17 May, 2023 09:43:20hrs</b>	Destination Code:
		Customer Reference #: <b>296163865</b>	Product Type: <b>DOCUMENT</b>
		Account No.: <b>BOQ</b>	Payment Mode: <b>CASH</b>
From: <b>مجموعة الكوخ</b> <b>Address: LF Logistics/Mohebi Logistics, Plot, Mohebi Logistics; Plot WT01 &amp; WT04, City: Dubai 8005</b> <b>Mobile: 97101606811863</b> <b>Country: UAE</b>		To: <b>محمد الصميم</b> <b>Address: house 61 Block 5, street 517, LF Logistics/Mohebi Logistics, Plot, City: Kuwait 91710</b> <b>Mobile:</b> <b>Country: Kuwait</b>	
Pieces: <b>10</b> Weight: <b>1.2 Kg</b>	COD: <b>100.0 SAR</b>	 <b>BOQ00088</b> <b>PREMIUM</b> Goods Value: <b>100 SAR</b> 1/10	
Item Description: <b>Gift</b>			



## API #4: Consignment Tracking

API URL:

<http://15.207.62.25:5001/iwexpress/iwe-integration-service/tracking/{referenceNumber}/shipment>

Request Type : GET

Authorization:

Basic \$2a\$10\$qWHNeBhu4FCGoJfuv2XVb09Yq4QBUwGSvNM0bGpYUVc3iY8jXsJwO

referenceNumber:

[consignment reference number]

The image shows a screenshot of an API client interface. At the top, there is a blue bar with a 'GET' button and the URL '/tracking/{referenceNumber}/shipment'. Below this, there is a 'Parameters' section. It contains two rows of parameters: 'Authorization' and 'referenceNumber'. Each row has a 'Name' column and a 'Description' column. The 'Authorization' parameter is a string in the header, and the 'referenceNumber' parameter is a string in the path. Both are marked as required. At the bottom, there is a blue 'Execute' button.

Name	Description
<b>Authorization</b> * required string (header)	Authorization Basic \$2a\$10\$qWHNeBhu4FCGoJfuv2XVb09Yq4QBUwGSvNM0bGpYUVc3iY8jXsJwO
<b>referenceNumber</b> * required string (path)	referenceNumber 10002

Execute

Sample Request:

<http://15.207.62.25:5001/iwexpress/tracking/10002/shipment>

Response JSON: [Consignment Tracking details]

## Client Status Update Webhook

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

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 an 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 ar using delivered event)
13. **deps\_exception** - When the consignment is received as Damaged, Excess, Shortage or Pilferage
14. **exception** - When a 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 inscanned 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 (Aplicable 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 Shipy system
- 44. **vehicle\_arrived** - When the vehicle has arrived to a different hub in a middle mile trip