IW Express API Documentation V 2.6

Environment - Development

Table of Contents

API #1:   Consignment Creation

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

Request Type: POST

Input Authorization: <mark>Basic $2a$10$qWHNeBhu4FCGoJfuv2XVbO9Yq4QBUwGSvNM0bGpYUVc3iY8jXsJwO</mark>

`Request Payload`

```
POST    /iwe-integration-service/softdata/upload    SoftData Upload

Parameters                                                              Cancel

Name                                            Description

Authorization * required                        Authorization
string
(header)                                         Basic $2a$10$qWHNeBhu4FCGoJfuv2XVbO

newConsignment * required                       newConsignment
(body)
                                                Example Value | Model

                                                {
                                                  "cod_amount": "0",
                                                  "cod_collection_mode": "cash",
                                                  "cod_favor_of": "test",
                                                  "consignment_type": "FORWARD",
                                                  "customer_code": "IWC",
                                                  "currency": "",
                                                  "customer_civil_id": "",
                                                  "receiver_civil_id": "",
                                                  "customer_reference_number": "8234995",
                                                  "declared_value": 100,
                                                  "description": "Gift articles",
                                                  "destination_details": {
                                                    "address_line_1": "house 61 Block 5, street 517",
                                                    "address_line_2": "LF Logistics/Mohebi Logistics, Plot",
                                                    "alternate_phone": "string",
                                                    "city": "RIYADH",
                                                    "country": "KSA",
                                                    "name": "Mohammad Alsmaim",
```

`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": "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,
            "quantity": "1"
        }
    ],
    "service_type_id": "PREMIUM",
    "weight": 1.2,
    "weight_unit": "KG",
    "width": "200"
}
```

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>

Integration Service Integration Controller ⌄

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

Parameters   Cancel

Name	Description
Authorization * required string (header)	Authorization `Basic $2a$10$qWHNeBhu4FCGoJfuv2XVbC`
referenceNumber * required string (path)	referenceNumber `IW00001`

| Execute | Clear |

Responses   Response content type   `*/*` ⌄

Curl

IW EXPRESS SIMPLE EFFICIENT SOLUTIONS	Dest HUB	
	Dest State	**KSA**
Origin HUB **ALRAI**	Dest City	**RIYADH**
Date 09-November-2023 13:17:32	Type DOCUMENT	
Acc# IW TEST CUSTOMER	Cust Ref# 8234995	
From: **The Hut Group** **LF Logistics/Mohebi Logistics,** **Plot** **Mohebi Logistics; Plot WT01 &** **Kuwait, KUWAIT, 8005** **9710160**	To: **Mohammad Alsmaim** **house 61 Block 5, street 517** **LF Logistics/Mohebi Logistics,** **Plot** **RIYADH, KSA, 91710** **string**	

‖‖‖ ‖ ‖‖ ‖ ‖‖‖ ‖ ‖‖ ‖‖ (barcode)

forward	IW00001	PREMIUM
Goods Value **100**	WT **1.2** Kg	Ins **N**
Descr **Gift articles**		
Pcs / 10	COD: **0**	

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: <mark>Basic $2a$10$qWHNeBhu4FCGoJfuv2XVbO9Yq4QBUwGSvNM0bGpYUVc3iY8jXsJwO</mark>

Parameters	
Name	**Description**
Authorization * required string (header)	Authorization `Authorization - Authorization`

Order Details as like below structure (JSON Provided)

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": "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,
      "quantity": "1"
    }
  ],
  "service_type_id": "PREMIUM",
  "weight": 1.2,
  "weight_unit": "KG",
  "width": "200"
}
```

Response JSON: [PDF Stream response]

IW EXPRESS SIMPLE EFFICIENT SOLUTIONS		Dest HUB	
		Dest State	**KSA**
Origin HUB	**ALRAI**	Dest City	**RIYADH**
Date 09-November-2023 13:17:32		Type DOCUMENT	
Acc# IW TEST CUSTOMER		Cust Ref# 8234995	
From: **The Hut Group** **LF Logistics/Mohebi Logistics,** **Plot** **Mohebi Logistics; Plot WT01 &** **Kuwait, KUWAIT, 8005** **9710160**		To: **Mohammad Alsmaim** **house 61 Block 5, street 517** **LF Logistics/Mohebi Logistics,** **Plot** **RIYADH, KSA, 91710** **string**	
forward	**IW00001**		**PREMIUM**
Goods Value **100**		WT **1.2** Kg	Ins **N**
Descr **Gift articles**			
Pcs / 10	COD: **0**		

API #4:   Consignment Tracking

API URL:

https://dev-b2b.iwexpress.com:5001/iwexpress/iwe-integration-service/tracking/{referenceNumber}/shipment
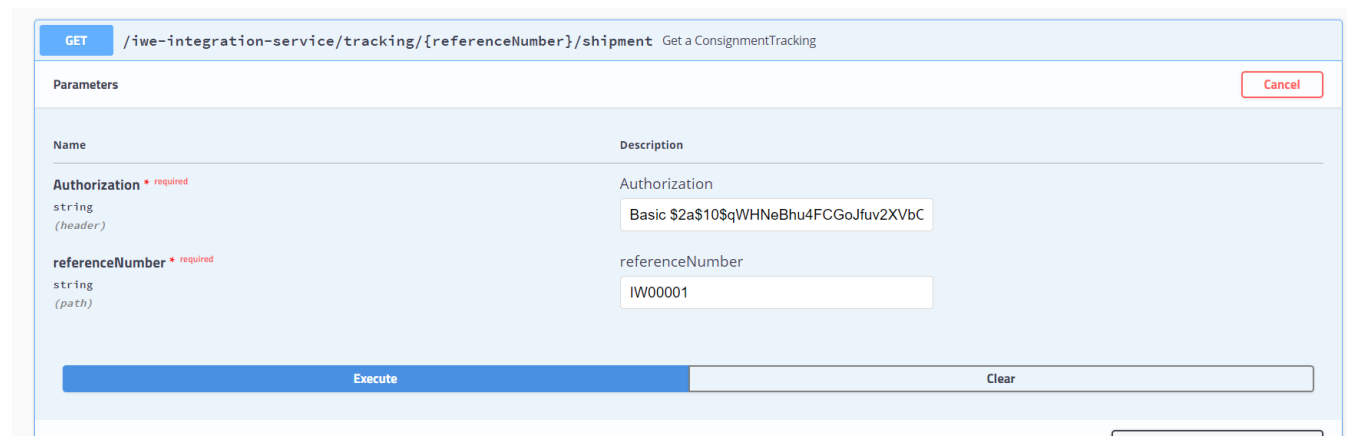
referenceNumber: [consignment reference number]

Request Type: GET

Authorization: <mark>Basic $2a$10$qWHNeBhu4FCGoJfuv2XVbO9Yq4QBUwGSvNM0bGpYUVc3iY8jXsJwO</mark>

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

Response JSON: [Consignment Tracking details]

```
                "event_description": "delivered",
                "hub_name": "ALRAI",
                "hub_code": "ALRAI",
                "customer_update": "Delivered",
                "notes": null,
                "poc_image": "",
                "failure_reason": null,
                "signature_image": null,
                "pop_image": null,
                "worker_name": null,
                "worker_code": null,
                "employee_code": "1008",
                "employee_name": "KARAM",
                "latitude": null,
                "longitude": null,
                "execution_status": null,
                "status_external": "delivered",
                "carrier_location_code": null
            },
            {
                "type": "outscan_at_hub",
                "event_time": "2023-11-09T09:40:21.233+00:00",
                "event_description": "outscan_at_hub",
                "hub_name": "ALRAI",
                "hub_code": "ALRAI",
                "customer_update": "outscan_at_hub",
                "notes": null,
```

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 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 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