

IW Express API Documentation V 2.5

Environment - Development

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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\$qWHNeBhu4FCGoJfuv2XVbO9Yq4QBUwGSvNM0bGpYUVC3iY8jXsJw0

Request Payload

POST

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

Cancel

Name	Description
Authorization * required string (header)	Authorization <div>Basic \$2a\$10\$qWHNeBhu4FCGoJfuv2XVbC</div>
newConsignment * required (body)	newConsignment <div> <div>Example Value</div> <div>Model</div> <pre>{ "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": "Hohammad Alismaim", "phone": "string", "pincode": "91710", "state": "string" } }</pre> </div>

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": "IWC",
  "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
  }
],
"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\$qWHNeBhu4FCGoJfuv2XVb09Yq4QBUwGSvNM0bGpYUVC3iY8jXsJwO

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

 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 #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\$qWHNeBhu4FCGoJfuv2XVbO9Yq4QBUwGSvNM0bGpYUVc3iY8jXsJw0

Parameters	
Name	Description
Authorization * 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	
Name	Description
Authorization * required string (header)	Authorization <input type="text" value="Basic \$2a\$10\$qWHNeBhu4FCGoJfuv2XVbC"/>
newConsignment * required (body)	newConsignment Example Value Model <pre> { "country": "Kuwait", "name": "The Hut Group", "phone": "9710160", "pincode": "8005", "state": "KUWAIT" }, { "pieces_detail": [{ "declared_value": 100, "description": "gift articles", "height": 100, "length": 500, "weight": 1.2, "width": 200 }], "service_type_id": "PREMIUM", "weight": 1.2, "weight_unit": "KG" } </pre>

Request JSON

```

{
  "cod_amount": "string",
  "currency": "string",
  "cod_collection_mode": "string",
  "cod_favor_of": "string",
  "consignment_type": "string",
  "customer_code": "IWC",
  "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
  }
],
"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": "IWC",
  "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
  }
],
"service_type_id": "PREMIUM",
"weight": 1.2,
"weight_unit": "KG",
"width": "200"
}

```

Response JSON: [PDF Stream response]

 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]

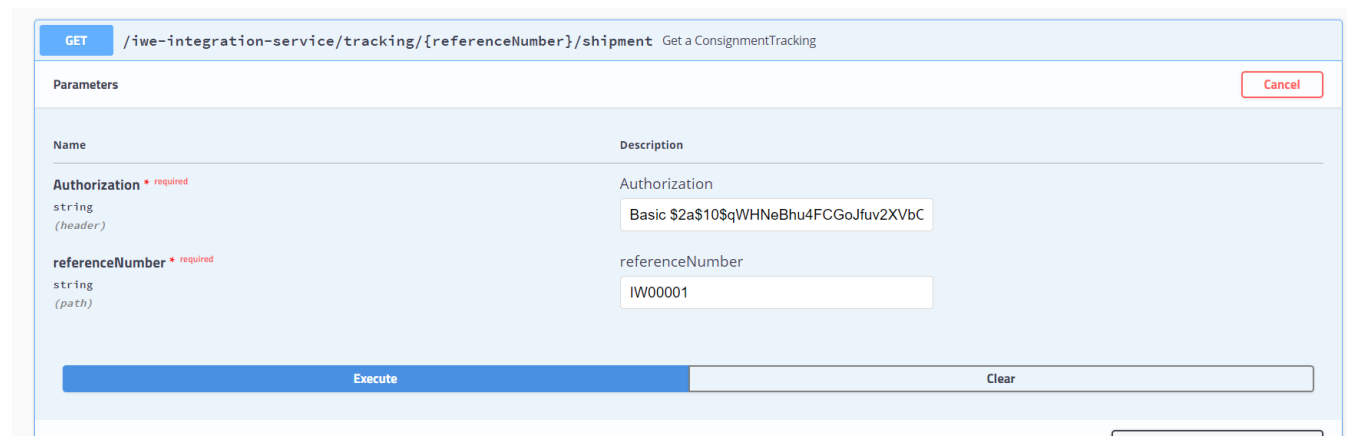
Request Type: GET

Authorization: Basic \$2a\$10\$qWHNeBhu4FCGoJfuv2XVbO9Yq4QBUwGSvNM0bGpYUVc3iY8jXsJwO

Sample Request:

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

Response JSON: [Consignment Tracking details]



The screenshot shows an API client interface with a GET request configuration. The URL is `/iwe-integration-service/tracking/{referenceNumber}/shipment`. The parameters section shows two required fields: `Authorization` (string, header) with the value `Basic $2a$10$qWHNeBhu4FCGoJfuv2XVbO9Yq4QBUwGSvNM0bGpYUVc3iY8jXsJwO`, and `referenceNumber` (string, path) with the value `IW00001`. There are buttons for 'Execute' and 'Clear'.

Code	Details
200	<p>Response body</p> <pre>{ "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, }</pre> <p>Download</p>

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 Shipy 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