

IW Express API Documentation

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API #1: Softdata Upload

API URL: <http://15.207.62.25:5001/iwexpress/softdata/upload>

Request Type: POST

Input Authorization as like below.

Basic \$2a\$10\$qWHNeBhu4FCGoJfuv2XVb09Yq4QBUwGSvNM0bGpYUVc3iY8jXsJwO

Parameters	
Name	Description
Authorization * required string (header)	Authorization <div>Authorization - Authorization</div>

Order Details as like below structure (JSON Provided)

POST /softdata/upload SoftData Upload

Parameters

Cancel

Name	Description
Authorization * required string (header)	Authorization <div>Basic \$2a\$10\$qWHNeBhu4FCGoJfuv2XVb09Yq4QBUwGSvNM0bGpYUVc3iY8jXsJwO</div>
newConsignment * required (body)	newConsignment <div>Example Value Model</div> <div><pre>{ "cod_amount": "100", "cod_collection_mode": "cash", "cod_favor_of": "test", "consignment_type": "FORWARD", "customer_code": "ASD", "customer_reference_number": "296163854", "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": "Mohammad Alsmain", "phone": "string", "pincode": "91710", "state": "string" } }</pre></div>

Request JSON

```
{
  "cod_amount": "string",
  "cod_collection_mode": "string",
  "cod_favor_of": "string",
  "consignment_type": "string",
  "customer_code": "ASD",
  "customer_reference_number": "296163854",
  "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": "ASD",
    "customer_reference_number": "296163854",
    "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": "Mohammad Alsmaim",
        "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": "The Hut Group",
  "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/{referenceNumber}/shippingLabel>

Request Type : GET

Authorization:

Basic \$2a\$10\$qWHNeBhu4FCGoJfuv2XVb09Yq4QBUwGSvNM0bGpYUVC3iY8jXsJw0

referenceNumber:

[consignment reference number]

GET	/[{referenceNumber}]/shippingLabel	Get a Shipping Label
Parameters		
Name	Description	
Authorization * required	Authorization	
string (header)	<input type="text" value="Basic \$2a\$10\$qWHNeBhu4FCGoJfuv2XVb09Yq4QBUwGSvNM0bGpYUVC3iY8jXsJw0"/>	
referenceNumber * required	referenceNumber	
string (path)	<input type="text" value="10002"/>	
<div>Execute</div>		

Sample Request:

<http://15.207.62.25:5001/iwexpress/10002/shippingLabel>

Response JSON: [PDF Stream response]

API #3: Consignment Tracking

API URL : <http://15.207.62.25:5001/iwexpress/tracking/{referenceNumber}/shipment>

Request Type : GET

Authorization:

Basic \$2a\$10\$qWHNeBhu4FCGoJfuv2XVb09Yq4QBUwGSvNM0bGpYUVc3iY8jXsJw0

referenceNumber:

[consignment reference number]

GET	/tracking/{referenceNumber}/shipment	Get a ConsignmentTracking
Parameters		
Name	Description	
Authorization * required	Authorization	
string (header)	<input type="text" value="Basic \$2a\$10\$qWHNeBhu4FCGoJfuv2XVb09Yq4QBUwGSvNM0bGpYUVc3iY8jXsJw0"/>	
referenceNumber * required	referenceNumber	
string (path)	<input type="text" value="10002"/>	
<input type="button" value="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