IW Express API Documentation

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API #1: Softdata Upload

API URL: http://15.207.62.25:5101/iwexpress/iwe-integration-service/softdata/upload

Request Type: POST

Input Authorization as like below.

Basic \$2a\$10\$qWHNeBhu4FCGoJfuv2XVbO9Yq4QBUwGSvNM0bGpYUVc3iY8jXsJwO

Request Payload



Response with <Consignment Reference Number>

```
Request URL

http://15.207.62.25:5101/iwexpress/iwe-integration-service/softdata/upload

Server response

Code Details

Response body

BOQ00159
```

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://15.207.62.25:5101/iwexpress/iwe-integration-service/{referenceNumber}/shippingLabel

Sample Request:

http://15.207.62.25:5101/iwexpress/iwe-integration-service/BOQ00159/shippingLabel

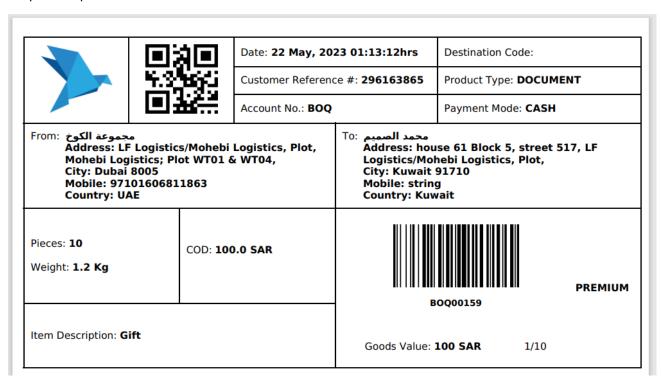
Request Type: POST

Input Authorization as like below.

Basic \$2a\$10\$qWHNeBhu4FCGoJfuv2XVbO9Yq4QBUwGSvNM0bGpYUVc3iY8jXsJwO

Integration Service Integration Controller **Parameters** Description Name Authorization * required Authorization string Basic \$2a\$10\$qWHNeBhu4FCGoJfuv2XVbC (header) referenceNumber * required referenceNumber string BOQ00159 (path) Execute

Response: <pdf file>



API #3: Softdata Upload & Shipping Label

API URL: http://15.207.62.25:5101/iwexpress/iwe-integration-service/softdata/upload/v2

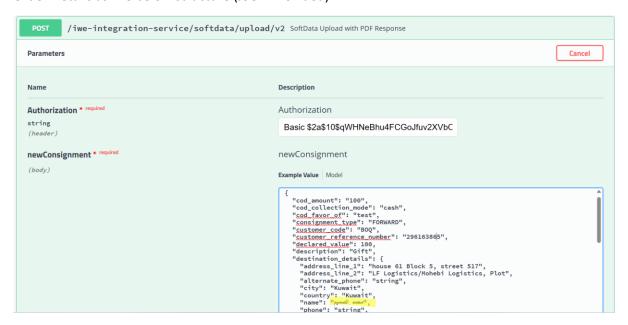
Request Type: POST

Input Authorization as like below.

Basic \$2a\$10\$qWHNeBhu4FCGoJfuv2XVbO9Yq4QBUwGSvNM0bGpYUVc3iY8jXsJwO

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

Order Details as like below structure (JSON Provided)



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]



API #4: Consignment Tracking

API URL:

http://15.207.62.25:5101/iwexpress/iwe-integration-service/tracking/{referenceNumber}/shipment

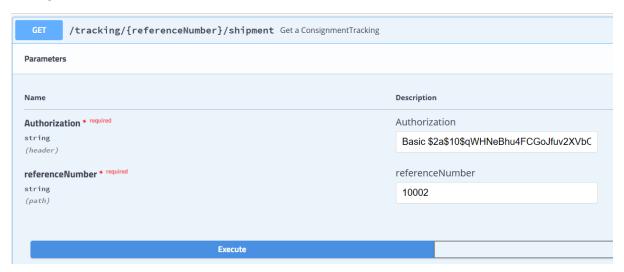
Request Type: GET

Authorization:

Basic \$2a\$10\$qWHNeBhu4FCGoJfuv2XVb09Yq4QBUwGSvNM0bGpYUVc3iY8jXsJw0

referenceNumber:

[consignment reference number]



Sample Request:

http://15.207.62.25:5101/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 Shipsy system
- 44. **vehicle_arrived** When the vehicle has arrived to a different hub in a middle mile trip