DTDC Order Upload API.
(for B2C & Express Customer)
Ver. 2.0

Overview:

This API allows customers to create consignment requests by submitting shipment details in JSON format. The details include the origin, destination, package specifications, and additional relevant information.

Base URLs

- **Staging URL:**

  https://demodashboardapi.shipsy.in/api/customer/integration/consignment/softdata
- **Production URL:**

  https://dtdcapi.shipsy.io/api/customer/integration/consignment/softdata

Method

- **HTTP Method:** POST

Headers

- **Content-Type:** application/json
- **api-key:** <API KEY> (replace <API KEY> with the actual key provided)

Request Body:-

- → **Sample request body for the Single Parcel shipments.**

```
{
  "consignments": [
    {
      "customer_code": "customer code",
      "service_type_id": "B2C PRIORITY",
      "load_type": "NON-DOCUMENT",
      "description": "test",
      "dimension_unit": "cm",
      "length": "70.0",
      "width": "70.0",
      "height": "65.0",
      "weight_unit": "kg",
      "weight": "17.0",
      "declared_value": "5982.6",
      "num_pieces": "1",
```

```
      "origin_details": {
        "name": "TEST ENTERPRISES",
        "phone": "0000000000",
        "alternate_phone": "0000000000",
        "address_line_1": "dummy sender",
        "address_line_2": "",
        "pincode": "110046",
        "city": "New Delhi",
        "state": "Delhi"
      },
      "destination_details": {
        "name": "TEST ",
        "phone": "0000000000",
        "alternate_phone": "0000000000",
        "address_line_1": "test receiver",
        "address_line_2": "",
        "pincode": "636010",
        "city": "SALEM",
        "state": "Tamil Nadu"
      },
      "return_details": {
        "address_line_1": "Test_Address_Return",
        "address_line_2": "Test_Address_Return line 2",
        "city_name": "DELHI",
        "name": "Test_Return",
        "phone": "0000000000",
        "pincode": "248001",
        "state_name": "DELHI",
        "email": "amisha.arora@test.co.in",
        "alternate_phone": "0000000000"
      },
      "customer_reference_number": "order_id",
      "cod_collection_mode": "",
      "cod_amount": "",
      "commodity_id": "99",
      "eway_bill" : "12345678",
      "is_risk_surcharge_applicable": "false",
      "invoice_number": "AB001",
      "invoice_date": "14 Oct 2022",
      "reference_number": ""
    }
  ]
}
```

→ **Sample request body for the Multi Parcel shipments.**

```
{
  "consignments": [
    {
      "customer_code": "customer code",
      "service_type_id": "B2C PRIORITY",
      "load_type": "NON-DOCUMENT",
      "description": "test",
      "dimension_unit": "cm",
      "length": "70.0",
      "width": "70.0",
      "height": "65.0",
      "weight_unit": "kg",
      "weight": "17.0",
      "declared_value": "5982.6",
      "num_pieces": "1",
      "origin_details": {
        "name": "TEST ENTERPRISES",
        "phone": "0000000000",
        "alternate_phone": "0000000000",
        "address_line_1": "dummy sender",
        "address_line_2": "",
        "pincode": "110046",
        "city": "New Delhi",
        "state": "Delhi"
      },
      "destination_details": {
        "name": "TEST ",
        "phone": "0000000000",
        "alternate_phone": "0000000000",
        "address_line_1": "test receiver",
        "address_line_2": "",
        "pincode": "636010",
        "city": "SALEM",
        "state": "Tamil Nadu"
      },
      "return_details": {
        "address_line_1": "Test_Address_Return",
        "address_line_2": "Test_Address_Return line 2",
        "city_name": "DELHI",
        "name": "Test_Return",
        "phone": "0000000000",
        "pincode": "248001",
```

```
            "state_name": "DELHI",
            "email": "amisha.arora@test.co.in",
            "alternate_phone": "0000000000"
        },
        "customer_reference_number": "order_id",
        "cod_collection_mode": "",
        "cod_amount": "",
        "commodity_id": "99",
        "eway_bill" : "12345678",
        "is_risk_surcharge_applicable": "false",
        "invoice_number": "AB001",
        "invoice_date": "14 Oct 2022",
        "reference_number": "",
        "pieces_detail": [
            {
                "description": "Test Product",
                "declared_value": "200",
                "weight": "0.5",
                "height": "5",
                "length": "5",
                "width": "5"
            }
        ]
    }
  ]
}
```

Field Descriptions

Field	Type	Mandatory	Description
consignments	**Array of Object**	Yes	List of consignment objects, each containing details of a shipment.
customer_code	String	Yes	Unique code assigned to the customer.
service_type_id	String	Yes	Type of service required **(list attached below)**
load_type	String	Yes	Type of load (e.g., NON-DOCUMENT).
description	String	No	Description of the consignment.
dimension_unit	String	Yes	Unit for dimensions (cm). We accept only **"CM"**
length	String	Yes	Length of the package.
width	String	Yes	Width of the package.
height	String	Yes	Height of the package.

weight_unit	String	Yes	Unit for weight (kg). We accept only **"KG"**
weight	String	Yes	Weight of the package.
declared_value	String	Yes	Declared value of the consignment.
num_pieces	String	Yes	Number of parcels/boxes
origin_details	**Object**	Yes	Details about the origin of the consignment.
name	String	Yes	Name of the sender.
phone	String	Yes	Phone number of the sender.
alternate_phone	String	No	Alternate phone number of the sender.
address_line_1	String	Yes	First line of the sender's address.
address_line_2	String	No	Second line of the sender's address.
email	String	No	Email of the sender
pincode	String	Yes	Pincode of the sender's location.
city	String	Yes	City of the sender.
state	String	Yes	State of the sender.
destination_details	**Object**	Yes	Details about the destination of the consignment.
name	String	Yes	Name of the receiver.
phone	String	Yes	Phone number of the receiver.
alternate_phone	String	No	Alternate phone number of the receiver.
address_line_1	String	Yes	First line of the receiver's address.
address_line_2	String	No	Second line of the receiver's address.
email	String	No	Email of the receiver
pincode	String	Yes	Pincode of the receiver's location.
city	String	Yes	City of the receiver.
state	String	Yes	State of the receiver.
return_details	**Object**	No	Details about the return address for the consignment.
name	String	Yes	Name for the return contact.
address_line_1	String	Yes	First line of the return address.
address_line_2	String	No	Second line of the return address.
email	String	No	Email for the return contact.
city_name	String	Yes	City of the return address.
phone	String	Yes	Phone number for the return contact.
pincode	String	Yes	Pincode for the return address.
state_name	String	Yes	State of the return address.
alternate_phone	String	No	Alternate phone number for the return contact.
customer_reference_n	String	Yes	Reference number assigned by the customer for tracking

umber			purposes.
cod_collection_mode	String	No	The mode of COD collection will be **"CASH"** , if applicable. **(Mandatory for COD only)**
cod_amount	String	No	Amount to be collected for COD shipments. **(Mandatory for COD only)**
commodity_id	String	Yes	Identifier for the commodity type being shipped. **(list attached below)** you can pass ID from list or mention the commodity name
eway_bill	String	No	E-Way bill number for the shipment, if applicable. **(12 characters limit)**
is_risk_surcharge_applicable	Boolean	Yes	Indicates whether a risk surcharge applies (true or false).
invoice_number	String	No	Invoice number associated with the consignment.
invoice_date	String	No	Date of the invoice.
reference_number	String	No	Reference number for the consignment, if available. You can pass awb number here.
pieces_detail	**Array of Object**	No	Array containing detailed information about each parcel/piece in the consignment. (mandatory for MPS)
description (pieces)	String	No	Description of the individual piece. (mandatory for MPS)
declared_value (pieces)	String	No	Declared value of the individual piece. (mandatory for MPS)
weight (pieces)	String	No	Weight of the individual piece. (mandatory for MPS)
height (pieces)	String	No	Height of the individual piece. (mandatory for MPS)
length (pieces)	String	No	Length of the individual piece. (mandatory for MPS)
width (pieces)	String	No	Width of the individual piece. (mandatory for MPS)

Example Request

```
curl -X POST <URL> \
    -H "Content-Type: application/json" \
    -H "api-key: <API KEY>" \
    -d '{...}' # JSON payload as described above
```

List of Commodity_id:

https://docs.google.com/spreadsheets/d/158LuKmF8mHXSQfXcSE-U_NVeUpz-O1LuNlc1ualKEel/edit?usp=sharing

List of Service_type_id:

Response:-

Example Request

```json
{
   "status": "OK",
   "data": [
     {
        "success": true,
        "reference_number": "100008518801",
        "courier_partner": null,
        "courier_account": "",
        "courier_partner_reference_number": null,
        "chargeable_weight": 0.025,
        "self_pickup_enabled": true,
        "customer_reference_number": "#100001",
        "pieces": [
          {
             "reference_number": "100008518801001",
             "product_code": ""
          }
        ],
        "barCodeData": ""
     }
   ]
}
```

Explanation of Key Fields

1. status: The status of the API call, such as "OK" for a successful request.
2. data: Contains an array of consignment details, where each object represents a consignment processed by the API.
3. success: A boolean value indicating whether the consignment was processed successfully.

Response	Code Remarks
200	Each consignment will be processed independently. For each consignment, "success"key will be either true or false. If success is true for a consignment, then the consignment is successfully entered into the DTDC system. If success is false, the consignment is not entered (in case of false, the response contains an error message reason)
400	There is some validation error in the overall request format. In this case, the complete request is rejected.
401	There is an authentication error.