

**Smart Ship** 

<b>SMARTSHIP FIRST-UP INTEGRATION APIs</b>	<b>2</b>
1) Login Token API:	3
2) Hub Registration API	4
3) One Step Order Registration API	6
4) Order Registration API (Background)	9
5) Get Order Details API	16
6) Create Manifest API	24
<b>SMARTSHIP UTILITY APIs</b>	<b>26</b>
1) Update Merchant Details API	26
2) Get Hub Details API	27
3) Update Hub Details API	30
4) Delete Hub API	32
5) Order Shipping Label API	33
6) Generate Manifest PDF API	35
7) Cancel Order API	36
<b>SMARTSHIP TRACKING APIs</b>	<b>38</b>
1) Track Smartship Order API	38

Smartship uses token authentication mechanism for all its APIs. There are primarily two types of tokens that are generated by smartship system.

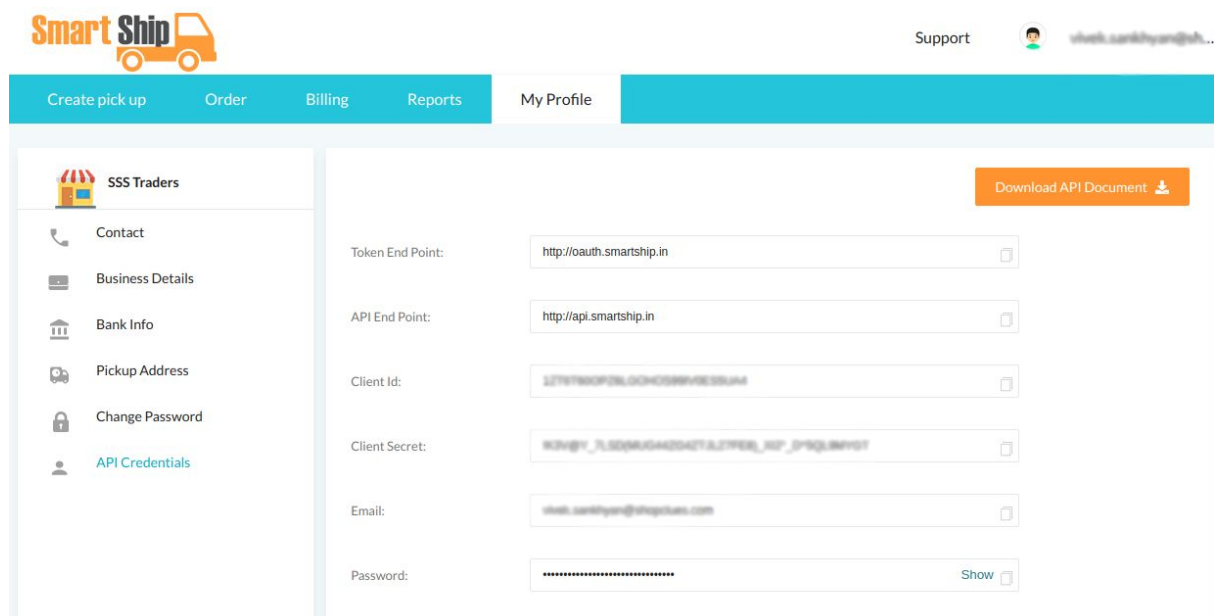
- a) Access Token
- b) Refresh Token

To access any smartship API, generating access token is the **prerequisite**. To get the access token, use **LoginToken API**.

## SMARTSHIP FIRST-UP INTEGRATION APIS

### Points to consider:

- Please use below listed APIs in their **specified order** to integrate with Smartship system.
- **Sandbox Credentials:**
  - a) **username:** [smartship\\_test@gmail.com](mailto:smartship_test@gmail.com)
  - b) **password:** e10adc3949ba59abbe56e057f20f883e
  - c) **client\_id:** 47AL34QKCL60AT5WCZRM83S4PUUECF
  - d) **client\_secret:** \*F3L(X6KZAGMB6G79\$HE@+23THHZKQGFV!SSJB
- To access our APIs on **Production:** replace **sandboxoauth.smartship.in** with **oauth.smartship.in** and for APIs replace **sandboxapi.smartship.in** with **api.smartship.in**
- You can find the production credentials and endpoint urls from **My Profile --> API Credentials**



The screenshot displays the Smart Ship user interface. At the top left is the Smart Ship logo. The top navigation bar includes links for 'Create pick up', 'Order', 'Billing', 'Reports', and 'My Profile'. The 'My Profile' section is active, showing a sidebar with options: 'Contact', 'Business Details', 'Bank Info', 'Pickup Address', 'Change Password', and 'API Credentials'. The main content area shows the 'API Credentials' section with the following fields:

- Token End Point:
- API End Point:
- Client Id:
- Client Secret:
- Email:
- Password:

A 'Download API Document' button is located in the top right corner of the API Credentials section.

## 1) Login Token API:

Sandbox URL: <http://sandboxoauth.smartship.in/loginToken.php>

### Header:

Content-Type: application/json

### Method:

POST

### Request (Json):

```
{
  "username": "<Your email address>",           // Sandbox Credentials shared above
  "password": "<MD5 of your account password>",
  "client_id": "<Shared client Id>",
  "client_secret": "<Shared client secret>",
  "grant_type": "password"                       // Constant String
}
```

### Successful Response (Json):

```
{
  "access_token": "73d37b7361b568249b9b26d5746e722c3e60", // Sample access token
  "expires_in": 3600,
  "token_type": "Bearer",
  "scope": null,
  "refresh_token": "dfaa70a0703b2a1553a49a355edf28d5b0", // Sample refresh token
}
```

### Failure (Json):

```
{
  "error": "invalid_grant",
  "error_description": "Invalid username and password combination"
}
```

### Points to consider:

- Access Token is valid for **1 Hour Only**. Access token can be regenerated (after 1 hour expiration) using **refresh token API**. New access token will again be valid for 1 HOUR.
- Validity of Refresh Token is for **15 Days**. Once refresh token expires , new login / access and refresh token can be generated using **loginToken API**.

## **Refresh Token API:**

**Sandbox URL:** <http://sandboxoauth.smartship.in/refreshToken.php>

### **Header:**

Content-Type: application/json

### **Method:**

POST

### **Request (Json):**

```
{
  "refresh_token": "<Shared refresh token from loginToken API>",
  "client_id": "<Your client Id>",
  "client_secret": "<Your client secret>",
  "grant_type": "refresh_token" // Constant String
}
```

### **Successful Response (Json):**

```
{
  "access_token": "73d37b7361b568249b9b26d5746e722c3e60", // Sample token
  "expires_in": 3600,
  "token_type": "Bearer",
  "scope": null,
  "refresh_token": "dfaa70a0703b2a1553a49a355edf28d5b0", // Sample refresh
}
```

## **2) Hub Registration API**

### **Sandbox URL:**

<http://sandboxapi.smartship.in/v2/app/Fulfillmentservice/hubRegistration>

### **Header:**

Content-Type: application/json

Authorization: Bearer XXXXXX

### **Method:**

POST

### **Successful Case:**

#### **Request (Json):**

```
{
  "hub_details": {
    "hub_name": "Delhi Warehouse",
    "pincode": "122001",
    "city": "Gurgaon",
    "state": "Harayana",
    "address1": "G-167,Sector 40",
    "address2": "First Floor, Near Police Station ",
    "hub_phone": "99XXXXXXX8"
  }
}
```

#### **Response (Json):**

```
{
  "status": 1,
  "code": 200,
  "message": "success",
  "data": {
    "info": "Hub registered successfully",
    "hub_id": 1239
  },
  "extra": null
}
```

### **Failed Case:**

#### **Request(Json):**

```
{
  "hub_details": {
    "hub_name": "Delhi Warehouse",
    "pincode": "122001",
    "city": "Gurgaon1",
    "state": "Haryana",
    "address1": "Plot-80,sector-44",
    "address2": "Plot-112,sector-44"
    "hub_phone": "99XXXXXXX3"
  }
}
```

#### **Response(Json):**

```
{
```

```
"status": 0,  
"code": 200,  
"message": "OK",  
"data": {  
  "message": {  
    "info": "Hub registration failed",  
    "validation_error": ["invalid pincode"]  
  }  
},  
"extra": null  
}
```

### 3) One Step Order Registration API

**Sandbox URL:**

<http://sandboxapi.smartship.in/v2/app/Fulfillmentservice/orderRegistrationOneStep>

**Header:**

Content-Type: application/json  
Authorization: Bearer XXXXXX

**Method:**

POST

**Request (Json):**

```
{  
  "orders": [  
    {  
      "client_order_reference_id": "test_rf_4",  
      "order_collectable_amount": "0.00",  
      "total_order_value": "2.00",  
      "payment_type": "Prepaid",  
      "package_order_weight": "1.00",  
      "package_order_length": "20.000",  
      "package_order_height": "20.000",  
      "package_order_width": "20.000",  
      "shipper_hub_id": "1436",  
      "shipper_gst_no": "342323",  
      "order_invoice_date": "2018-05-05 13:35:10",  
      "order_invoice_number": "NWB-WalkIn-000043",  
      "order_ewaybill_number": "",  
      "order_ewaybill_expiry_date": "",  
      "product_details": [  

```

```

    {
      "product_name": "Natrol Arginine testing details and aura of natrol arginine",
      "product_category": "Natrol Arginine testing details and aura of natrol arginine",
      "product_hsn_code": "FLOUR, MEAL AND POWDER OF THE DRIED
LEGUMINOUS VEGETABLES OF HEADING 0713, OF SAGO OR OF ROOTS OR TU",
      "product_quantity": "2.000",
      "product_invoice_value": "123",
      "product_taxable_value": "1.00",
      "product_sgst_amount": "2",
      "product_cgst_amount": "2",
      "product_gst_tax_rate": "2",
      "product_cgst_tax_rate": "2",
      "product_sgst_tax_rate": "2"
    }
  ],
  "consignee_details": {
    "consignee_name": "NWM Nykaa Warehouse Mumbai",
    "consignee_phone": "7696273007",
    "consignee_email": "email@email.com",
    "consignee_complete_address": "Mumbai,3211234 Mumbai,Maharashtra
Mumbai,3211234 Mumbai,Maharashtra null Mumbai Maharashtra india",
    "consignee_pincode": "122001"
  }
}
],
"request_info": {
  "client_id": "47AL34QKCL60AT5WCZRM83S4PUUECF",
  "run_type": "create"
}
}

```

### Response(Json):

```

{
  "status": 1,
  "code": 200,
  "message": "success",
  "data": {
    "total_records": 1,
    "total_success_orders": 1,
    "request_id": 1988,
    "total_eliminated_orders": 0,
    "success_order_details": {
      "orders": [
        {
          "index": 0,
          "client_order_reference_id": "test_rf_4",

```



```

    "request_order_id": 4993,
    "message": "Successfully Punched",
    "transition": {
      "status": true
    },
    "dss_carrier_allocation": true,
    "carrier_name": "Xpressbees-Surface",
    "awb_assigned": true,
    "awb_number": "1386418030153",
    "code": 4
  }
],
"shipping_info": {
  "label_url":
"http://admin.smartship.in/images/excel_upload/shipping_label/14-08-2018/shipping-label-cb
e11d722ee3f772557e80f13f197e56.pdf"
}
},
"errors": null
},
"extra": null
}

```

#### Status Codes & Order States:

Status Code	Order States
Code 1	Order Registered
Code 2	Order Created Successfully
Code 3	Dss Carrier Assigned
Code 4	Awb no assigned

#### **Points To Consider:**

- One Step Order Registration API gives leverage to our customers not only to successfully register their respective orders into smartship system , but also takes care of carrier allocation and tracking (awb) number assignment etc. without much ado.
- There is though a limit to One Step Order Registration API of **10 orders** at one go.
- To **bypass** that limit, customers can use our Order Registration API (**below**) and provide any number of orders to process.
- Our Order Registration API (**below**) runs on batch system, where order registration along with series of other tasks (starting from carrier allocation to Awb assignment) runs as background job to process one complete batch.

## 4) Order Registration API (Background)

### Sandbox URL:

<http://sandboxapi.smartship.in/v2/app/Fulfillmentservice/orderRegistration>

### Header:

Content-Type: application/json

Authorization: Bearer XXXXXX

### Method:

POST

### Request (Json):

```
{
  "request_info": {
    "ip_address": "14.142.227.166",
    "run_type": "create",
    "browser_name": "Mozilla",
    "location": "Delhi"
  },
  "orders": [
    {
      "client_order_reference_id": "OC49834",
      "order_collectable_amount": "100",
      "total_order_value": "120",
      "payment_type": "COD",
      "package_order_weight": "217",
      "package_order_length": "59",
      "package_order_height": "39",
      "package_order_width": "29",
      "shipper_hub_id": "1300",
      "shipper_gst_no": "29ABCDE1234F2Z5",
      "order_invoice_date": "09-08-2018",
      "order_invoice_number": "invoice123",
      "order_ewaybill_number": "abde12398376ds",
      "order_ewaybill_expiry_date": "2018-02-13",
      "product_details": [
        {
          "client_product_reference_id": "P120",
          "product_name": "WD SSD Storage GB 9",
          "product_category": "computer",
          "product_hsn_code": "8471",
          "product_quantity": "1",
          "product_invoice_value": "120",
```

```

        "product_gst_tax_rate": "2",
        "product_taxable_value": "100",
        "product_sgst_amount": "5",
        "product_cgst_amount": "5",
        "product_igst_amount": "0",
        "product_ugst_amount": "0",
        "product_cgst_tax_rate": "5",
        "product_sgst_tax_rate": "5",
        "product_igst_tax_rate": "0",
        "product_ugst_tax_rate": "0"
    },
    {
        "client_product_reference_id": "P130",
        "product_name": "WD SSD Storage GB 10",
        "product_category": "computer",
        "product_hsn_code": "8471",
        "product_quantity": "1",
        "product_invoice_value": "150",
        "product_gst_tax_rate": "9",
        "product_taxable_value": "100",
        "product_sgst_amount": "5",
        "product_cgst_amount": "5",
        "product_igst_amount": "0",
        "product_ugst_amount": "0",
        "product_cgst_tax_rate": "5",
        "product_sgst_tax_rate": "5",
        "product_igst_tax_rate": "0",
        "product_ugst_tax_rate": "0"
    }
],
"consignee_details": {
    "consignee_name": "Ravish Mishra",
    "consignee_phone": "9444877859",
    "consignee_email": "sc20@sc.com",
    "consignee_complete_address": "H.No. Sector 59",
    "consignee_pincode": "122003"
}
}
]
}

```

**Response(Json):**

```

{
    "status": 1,
    "code": 200,
    "message": "success",

```

```

"data": {
  "total_records": 1,
  "total_success_orders": 1,
  "total_eliminated_orders": 0,
  "success_order_details": [
    {
      "index": 0,
      "client_order_reference_id": "OC49834",
      "request_order_id": 316,
      "message": "Successfully Punched"
    }
  ],
  "errors": null
},
"extra": null
}

```

#### Request Field Details:

Field Name	Data Type	Description	Mandatory
request_info	Json	json object containing request information	Yes
request_info - "ip_address"	Varchar	IP address from where request is being created	No
request_info - "run_type"	Varchar	Value can be either "validate" or "create" if run-type = "create" then only orders will be punched otherwise get validated	Yes
request_info - "browser_name"	Varchar	Browser Name	No
request_info - "location"	Varchar	Location of request	No
Orders	Array (Json Objects)	Array containing information about each order	Yes
orders - "client_order_reference_id"	Varchar	Client's order reference identifier	Yes
orders - "order_collectable_amount"	Numeric	Amount to be collected from customer. Non-zero in case of	Yes

		COD order.	
orders - "total_order_value"	Numeric	Total order value	Yes
orders - "payment_type"	Varchar	Payment mode. Can only be "cod" or "prepaid"	Yes
orders - "package_order_weight"	Numeric	Weight of order in grams	Yes
orders - "package_order_length"	Numeric	Length of package in centimetres.	Yes
orders - "package_order_height"	Numeric	Height of package in centimetres.	Yes
orders - "package_order_width"	Numeric	Width of package in centimetres.	Yes
orders - "shipper_hub_id"	Numeric	Registered hub_id of client from whom order needs to be picked	Yes
orders - "shipper_gst_no"	Varchar	Gst no. Of shipper	Yes
orders - "order_invoice_date"	Varchar	Date when order invoice is generated. <b>Date Format:</b> "dd-mm-yyyy"	No
orders - "order_invoice_number"	Varchar	Order invoice number	No
orders - "order_ewaybill_number"	Varchar	If total order value > 50K then order_ewaybil_number is mandatory	No
orders - "order_ewaybill_expiry_date"	Varchar	If total order value > 50K then order_ewaybill_expiry_date is mandatory	No
product_details	Array (Json Objects)		
product_details - "client_product_reference_id"	Varchar	Client's product id for reference	No
product_details - "product_name"	Varchar	Name of product	Yes
product_details - "product_category"	Varchar	Category of product	No

product_details - "product_hsn_code"	Varchar	Hsn code of product	No
product_details - "product_quantity"	Numeric	Quantity of product	Yes
product_details - "product_invoice_value"	Numeric	Invoice value of product	No
product_details - "product_gst_tax_rate"	Numeric	Product GST tax rate	No
consignee_details	Json Object	Consignee details	Yes
consignee_details - "consignee_name"	Varchar	Name of customer	Yes
consignee_details - "consignee_phone"	Varchar	Phone number of customer	Yes
consignee_details - "consignee_email"	Varchar	Email id of customer	Yes
consignee_details - "consignee_complete_addresses"	Varchar	Address of customer	Yes
consignee_details - "consignee_pincode"	Numeric	Pincode of customer (destination pincode)	Yes
"product_taxable_value"	Numeric	Selling price per quantity on which GST tax is applicable	Yes
"product_sgst_amount"	Numeric	If the sgst/ugst tax is applicable, then both fields sgst and cgst are required. Else, lgst is mandatory.  <b>Note:* Please pass blank in other gst fields. Do not pass '0' as 0 is tax applicable on some product categories</b>	<b>Yes</b> If the sgst/ugst tax is applicable, then both fields sgst and cgst are required. Else, lgst is mandatory
"product_cgst_amount"	Numeric	If the sgst/ugst tax is applicable, then both fields sgst and cgst are required. Else, lgst is mandatory.  <b>Note:* Please pass blank in</b>	<b>Yes.</b> If the sgst/ugst tax is applicable, then both

		<b>other gst fields. Do not pass '0' as 0 is tax applicable on some product categories</b>	fields sgst and cgst are required. Else, lgst is mandatory.
"product_lgst_amount"	Numeric	If the sgst/ugst tax is applicable, then both fields sgst / ugst and cgst are required. Else, lgst is mandatory. <b>Note:*Please pass blank in other gst fields. Do not pass '0' as 0 is tax applicable on some product categories</b>	<b>Yes.</b> If the sgst/ugst tax is applicable, then both fields sgst/ugst and cgst are required. Else, lgst is mandatory.
"product_ugst_amount"	Numeric	If the sgst/ugst tax is applicable, then both fields sgst/ugst and cgst are required. Else, lgst is mandatory. <b>Note:* Please pass blank in other gst fields. Do not pass '0' as 0 is tax applicable on some product categories.</b>	<b>Yes.</b> If the sgst/ugst tax is applicable, then both fields sgst/ugst and cgst are required. Else, lgst is mandatory.
"product_cgst_rate"	Numeric	If the sgst/ugst tax is applicable, then both fields sgst/ugst and cgst rate are required. Else, lgst rate is mandatory. <b>Note:* Please pass blank in other gst fields. Do not pass '0' as 0 is tax applicable on some product categories.</b>	<b>Yes.</b> If the sgst tax is applicable, then both fields sgst / ugst and cgst are required. Else, lgst is mandatory.
"product_sgst_rate"	Numeric	If the sgst/ugst tax is applicable, then both fields sgst/ugst and cgst rate are required. Else, lgst rate is mandatory. <b>Note:* Please pass blank in other gst fields. Do not pass</b>	<b>Yes.</b> If the sgst/ugst tax is applicable, then both fields ugst/sgst

		<b>'0' as 0 is tax applicable on some product categories</b>	and cgst rate are required. Else, Igst rate is mandatory.
"product_igst_rate"	Numeric	If the sgst/ugst tax is applicable, then both fields sgst/ugst and cgst rate are required. Else, Igst rate is mandatory. <b>Note:* Please pass blank in other gst fields. Do not pass '0' as 0 is tax applicable on some product categories</b>	<b>Yes.</b> If the sgst/ugst tax is applicable, then both fields sgst/ugst and cgst rate are required. Else, Igst rate is mandatory.
"product_ugst_rate"	Numeric	If the sgst/ugst tax is applicable, then both fields cgst/ugst and cgst rate are required. Else, Igst rate is mandatory. <b>Note:* Please pass blank in other gst fields. Do not pass '0' as 0 is tax applicable on some product categories</b>	<b>Yes.</b> If the sgst/ugst tax is applicable, then both fields sgst/ugst and cgst rate are required. Else, Igst rate is mandatory.

#### Response Field Details:

Field	Description
status	Shows response status. 1 for success, 0 for failure
code	Status Code
message	Shows overall response message. Success if request processed successfully else failure
data	Contains information about parsed request. Such as how many orders are there in request, how many of



	them successfully punched & how many eliminated. Also details of successfully punched orders and eliminated orders
"data - total_records"	Count of orders present in request
"data - total_success_orders"	Count of orders successfully punched
"data - total_eliminated_orders"	Count of orders eliminated
success_order_details	Array containing details of successfully punched orders
"success_order_details - Index"	Index of orders array sent in request
"success_order_details - client_order_reference_id"	order_id provided by client
"success_order_details - request_order_id"	Smartship request order_id
"success_order_details - message"	Message regarding punched order.
errors	Array of errors for orders which got eliminated. Null if no errors found
"errors - mandatory_fields_missing"	Array containing information of orders in which some mandatory fields are missing
"errors - missing_field"	Name of the mandatory field which is missing
"errors - mandatory_field_value_missing"	Array containing information of orders in which value of mandatory field is missing
Field	Name of field
Value	Empty string showing that value of a mandatory field is missing
data_discrepancy	Array containing validation errors of eliminated orders
errors	Array containing error information of a particular order
extra	Array of extra information. Null if no extra info present

## 5) Get Order Details API

**Sandbox URL:**

<http://sandboxapi.smartship.in/v2/app/Fulfillmentservice/orderDetails>

**Header:**

Content-Type: application/json  
Authorization: Bearer XXXXXX

**Method:**

POST

**Request (Json):**

```
{  
  "filters": {  
    "filter_type": {  
      "and": {  
        "status": {  
          "status_code": "1,2,3,4,5,6,7,8",  
          "check_type": "Y"  
        },  
        "request_order_id": "166,167,168,169",  
        "client_order_reference_id": "SHP06,SHP07,SHP08,SHP09",  
        "payment_type": "cod",  
        "created_date": {  
          "from": "2018-03-27",  
          "to": "2018-03-28"  
        },  
        "updated_date": {  
          "from": "2018-03-27",  
          "to": "2018-03-28"  
        }  
      }  
    }  
  },  
  "sort_by": {  
    "fields": "request_order_id",  
    "type": "desc"  
  },  
  "limit": {  
    "offset": 0,  
    "limit": 1  
  }  
}
```

**Request Field Details:**

Name	Type	Description	Is Mandatory?
status_code	Varchar	Contains smartship	No

		status codes comma separated	
check_type	Varchar	Contains character Y or N (Y for in status) and (N for not in status)	No
request_order_id	Varchar	Contains comma separated request order ids	No
client_order_reference_id	Varchar	Contains comma separated client order reference id	No
payment_type	Varchar	Contains payment type(cod or prepaid)	No
created_date	Json Object	<b>from:</b> starting date, <b>to:</b> ending date <b>Date Format:</b> "yyyy-mm-dd"	No
updated_date	Json Object	<b>from:</b> starting date, <b>to:</b> ending date <b>Date Format:</b> "yyyy-mm-dd"	No
sort_by	Json Object	<b>fields:</b> name of fields to sort order details, <b>type:</b> asc or desc	No
limit	Json Object	<b>offset:</b> value of offset, <b>limit:</b> value of total number of records	No

**Response(Json):**

```
{
  "status": 1,
  "code": 200,
  "message": "success",
  "data": {
    "summary": {
      "start_time": "11-05-2018 13:15:13",
      "end_time": "11-05-2018 13:15:14",
      "time_taken": 0.40403199195862,

```

```
"total_records": 56,
"confirmed_orders": 47,
"pending_orders": 5
},
"orders_details": {
  "121": {
    "order_details": {
      "request_order_id": "121",
      "request_id": "51",
      "client_id": "client_id_of_3pl_shared_by_faas",
      "client_order_reference_id": "OD00081",
      "client_order_reference_type": "client",
      "order_collectable_amount": "0",
      "total_order_value": "499",
      "payment_type": "prepaid",
      "package_order_weight": "500",
      "package_order_length": "40",
      "package_order_width": "10",
      "package_order_height": "20",
      "status": "9",
      "shipper_gst_no": "29ABCDE1234F2Z5",
      "hash": "82297e9727b6bcfe026c12c77418f5bd",
      "order_effective_weight": "1600",
      "order_invoice_date": "0000-00-00 00:00:00",
      "order_invoice_number": null,
      "order_ewaybill_number": null,
      "order_ewaybill_expiry_date": "0000-00-00 00:00:00",
      "added_on": "2018-03-29 12:41:17",
      "Updated_on": "2018-04-17 13:49:56",
      "status_description": "Non Serviceable"
    },
    "hub_details": {
      "shipper_hub_id": "1234",
      "shipper_name": "faas_test_shiiper",
      "shipper_email": "test@gmail.com",
      "shipper_address": "teast_faas_adderss",
      "shipper_phone": "9876543210",
      "shipper_pincode": "122001",
      "shipper_city": "Patna",
      "shipper_state": "Bihar",
      "shipper_state_code": "BH"
    },
    "consignee_details": {
      "consignee_id": "124",
      "consignee_name": "Anil01",
      "consignee_address": "Sector 40",
```

```
"consignee_pincode": "122001",
"consignee_email": "sc1@sc.com",
"consignee_phone": "9444877840",
"consignee_city": "Gurgaon",
"consignee_state": "Haryana",
"consignee_state_code": "HR",
"consignee_country_code": "IN"
},
"product_details": [
  {
    "order_product_id": null,
    "request_order_id": "121",
    "client_product_reference_id": "P00001",
    "client_product_reference_type": "client",
    "product_name": "Round Neck Dark Blue T-Shirt Size 01",
    "product_category": "fashion",
    "product_hsn_code": "50072010",
    "product_price": "0",
    "product_discount": null,
    "product_quantity": "1",
    "product_invoice_value": null,
    "product_gst_tax_rate": null,
    "added_on": "2018-03-29 12:41:17",
    "updated_on": "0000-00-00 00:00:00",
    "product_meta_id": null,
    "key": null,
    "value": null
  },
  {
    "order_product_id": null,
    "request_order_id": "121",
    "client_product_reference_id": "P00002",
    "client_product_reference_type": "client",
    "product_name": "Round Neck Dark Blue T-Shirt Size 02",
    "product_category": "fashion",
    "product_hsn_code": "50072011",
    "product_price": "0",
    "product_discount": null,
    "product_quantity": "2",
    "product_invoice_value": null,
    "product_gst_tax_rate": null,
    "added_on": "2018-03-29 12:41:17",
    "updated_on": "2018-05-11 12:54:20",
    "product_meta_id": null,
    "key": null,
    "value": null
  }
]
```

```

    }
  ],
  "order_meta_details": {
    "dss_carrier_id": {
      "order_meta_id": "338711",
      "dss_carrier_id": "2"
    },
    "carrier_name": {
      "order_meta_id": "338712",
      "carrier_name": "Xpressbees"
    },
    "awb_no": {
      "order_meta_id": "338715",
      "awb_no": "1386418000163"
    }
  }
}
}
}
},
"extra": null
}

```

#### Response Field Details:

Field Name	Description
start_time	starting time of the api
end_time	ending time of the api
time_taken	time taken by api in seconds
total_records	Count of records without limit used(satisfied by all conditions)
confirmed_orders	Count of orders that are confirmed
pending_orders	Count of orders that are in pending status
order_details	Json object (request_order_ids & order_details in key - value pair respectively)
request_order_id	request_order_id of order
request_id	request_id of order
client_order_reference_id	client order reference id of order

client_order_reference_type	client order reference type of order
order_collectable_amount	total amount to be collected
total_order_value	total amount of order
payment_type	cod or prepaid
package_order_weight	package weight
package_order_length	package length
package_order_width	package width
package_order_height	package height
status	Smartship status of order
shipper_gst_no	shipper's gst number
Hash	Unused
order_effective_weight	effective weight of order
order_invoice_date	invoice date of order
order_invoice_number	invoice number of order
order_ewaybill_number	ewaybill number of order
order_ewaybill_expiry_date	expiry date of ewaybill number
added_on	order created on date
updated_on	updated date
status_description	Description of SmartShip order status of order
shipper_hub_id	shipper's hub id
shipper_name	shipper's name
shipper_email	shipper's email id
shipper_address	shipper's address
shipper_phone	shipper's contact number
shipper_pincode	shipper's pincode
shipper_city	shipper's city name
shipper_state	shipper's state name
shipper_state_code	shipper's state code

consignee_id	consignee's id
consignee_name	consignee's name
consignee_address	consignee's address
consignee_pincode	consignee's pincode
consignee_email	consignee's email id
consignee_phone	consignee's contact number
consignee_city	consignee's city name
consignee_state	consignee's state name
consignee_state_code	consignee's state code
consignee_country_code	consignee's country code
order_product_id	Product's ID within order
product_name	Name of product within order
product_category	Product's category within order
product_hsn_code	Product's hsn code
product_price	Price of product
product_discount	Discount of product (if any)
product_quantity	Quantity of product
product_invoice_value	invoice value of product
product_gst_tax_rate	gst tax rate of product
order_meta_details	meta details of order
carrier_name	Carrier Name
awb_no	Tracking number of order
dss_carrier_id	Carrier Id

### **Points To Consider:**

- Use orderDetails API (*above*) to track the **exact / true status** of any order. You can pass total order count in **<limit>** field to fetch the details.



## 6) Create Manifest API

### Sandbox URL:

<http://sandboxapi.smartship.in/v2/app/Fulfillmentservice/createManifest>

### Header:

Content-Type: application/json

Authorization: Bearer XXXXXX

### Method:

POST

### Request (Json):

```
{
  "client_order_reference_ids": [
    "test123"
  ]
}
```

### Request Field Details:

Field Name	Type	Description	Is Mandatory?
client_order_reference_ids	Array	Client order reference ids of Orders	No

### Response(Json):

```
{
  "status": 1,
  "code": 200,
  "message": "success",
  "data": {
    "summary": {
      "total_orders_count": 2,
      "total_success_orders_count": 2,
      "manifest_ids": [
        942,
        943
      ],
    },
    "start_time": "07-06-2018 12:19:43",
    "end_time": "07-06-2018 12:19:44",
  }
}
```

```

    "time_taken": 1.5540709495544
  },
  "errors": [],
  "manifest_details": {
    "hub_id": {
      "1234": {
        "carrier_ids": {
          "10": {
            "order_id": [
              300
            ],
            "manifest_id": 942,
            "carrier_name": "Aramex",
            "courier_manifest_pdf_url":
"http://admin.smartship.in/images/excel_upload/manifest_pdf/07-06-2018/Courier-Manifest-2
018-06-07-1528354183.pdf"
          },
          "14": {
            "order_id": [
              301
            ],
            "manifest_id": 943,
            "carrier_name": "Delhivery",
            "courier_manifest_pdf_url": "pdf_actual_url"
          }
        }
      }
    }
  },
  "extra": null
}

```

#### Response Field Details:

Field Name	Type	Description
summary	Json Object	Summary of response
"summary - total_orders_count"	Varchar	Count of total orders processed
"summary - total_success_orders_count"	Varchar	Count of total successfully manifested orders
"summary - manifest_ids"	Array	Generated manifest ids

"summary - start_time"	Varchar	Start time of api
"summary - end_time"	Varchar	End time of api
errors	Json Object	Errors with descriptions while creating manifests
manifest_details	Json Object	Manifest Details
"manifest_details - hub_ids"	Json Object	Details of manifests hub wise
"manifest_details - carrier_ids"	Json Object	Details of manifests carrier ID wise
"manifest_details - order_id"	Array	Manifest Order Ids
"manifest_details - manifest_id"	Numeric	Manifest Id
"manifest_details - carrier_manifest_pdf_url"	Varchar	Url of manifest_pdf

## SMARTSHIP UTILITY APIs

### 1) Update Merchant Details API

**Sandbox URL:**

<http://sandboxapi.smartship.in/v1/Merchantupdate/update>

**Header:**

Content-Type: application/json

Authorization: Bearer XXXXXX

**Method:**

POST

**Request (Json):**

```
{
  "warehouse_data": {
    "gstin": "29ABCDE1234F2Z6",
    "gstin_cert": "29ABCDE1234F2Z5_3cda8383ebb2c354f9f17bca81989c15.jpg",
    "warehouse_address1": "Orai",
    "warehouse_city": "Jalaun",
```

```
"warehouse_state": "Uttar Pradesh",
"warehouse_pin": "285001"
},
"company_bank_data": {
  "PAN": "<YOUR_PAN_NUMBER>", // PAN Number
  "pan_doc": "PAN_NUMBER_1c151a45d04b816b84032dff00df4ca7.jpeg",
  "name_on_pan": "Kamlesh Mathe",
  "account_name": "Kamlesh Mathe",
  "account_number": "677505500303",
  "account_type": "Current",
  "ifsc_code": "ICIC0006775",
  "bank_name": "ICICI Bank",
  "cancelled_cheque": "image.jpg",
  "branch_address": "Gurgaon",
  "zipcode": "122001",
  "city": "Gurgaon",
  "state": "Haryana"
}
}
```

**Response(Json):**

```
{
  "status": 1,
  "code": 200,
  "message": "success",
  "data": ["Data for company id 13333686 is successfully entered."],
  "extra": []
}
```

## 2) Get Hub Details API

**Sandbox URL:**

<http://sandboxapi.smartship.in/v2/app/Fulfillmentservice/getHubDetail>

**Header:**

Content-Type: application/json

Authorization: Bearer XXXXXX

**Method:**

POST

## **Successful Cases:**

### **a) Request (Json):**

```
{
  "hub_ids": [
    1221,
    1234
  ]
}
```

### **Response (Json):**

```
{
  "status": 1,
  "code": 200,
  "message": "success",
  "data": {
    "valid_hubs": {
      "1355": {
        "hub_name": "Delhi Warehouse",
        "hub_phone": "99XXXXXXX3",
        "pincode": "122001",
        "city": "Gurgaon",
        "state": "Haryana",
        "address1": "G-167,Sector 40",
        "address2": "First Floor, Near Police Station "
      }
    },
    "invalid_hub_ids": []
  },
  "extra": null
}
```

### **2) Request(Json):**

```
{
  "hub_ids": ""
}
```

### **Response(Json):**

```
{
  "status": 1,
  "code": 200,
  "message": "success",
  "data": {
    "valid_hubs": {
      "1234": {
```

```
    "hub_name": "Delhi Warehouse",
    "hub_phone": "99XXXXXXXX8",
    "pincode": "122001",
    "city": "Patna",
    "state": "Bihar",
    "address1": "teast_faas_adderss",
    "address2": null
  },
  "1235": {
    "hub_name": "ABC Warehouse",
    "hub_phone": "99XXXXXXXX3",
    "pincode": "122001",
    "city": "Gurgaon",
    "state": "Haryana",
    "address1": "Plot-80,sector-44",
    "address2": "Plot-112,sector-44"
  }
},
"invalid_hub_ids": []
},
"extra": null
}
```

### **Failed Case:**

#### **Request(Json):**

```
{
  "hub_ids": [
    1923,
    1253
  ]
}
```

#### **Response(Json):**

```
{
  "status": 0,
  "code": 200,
  "message": "OK",
  "data": {
    "message": {
      "valid_hubs": [],
      "invalid_hub_ids": [1923, 1253],
      "info": "hub_details not found"
    }
  }
},
```

```
"extra": null
}
```

### 3) Update Hub Details API

**Sandbox URL:**

<http://sandboxapi.smartship.in/v2/app/Fulfillmentservice/updateHubDetails>

**Header:**

Content-Type: application/json  
Authorization: Bearer XXXXXX

**Method:**

POST

**Successful Case:**

**Request (Json):**

```
{
  "hub_id": "1234",
  "hub_name": "Delhi Warehouse",
  "hub_phone": "99XXXXXXX8",
  "pincode": "122001",
  "city": "Gurgaon",
  "state": "Haryana",
  "address1": "ad1",
  "address2": "ad2"
}
```

**Response (Json):**

```
{
  "status": 1,
  "code": 200,
  "message": "success",
  "data": {
    "info": "hub data updated successfully"
  },
  "extra": null
}
```

## **Failed Cases:**

### **1) Request(Json):**

```
{
  "hub_id": "1354",
  "hub_name": "Delhi Warehouse",
  "hub_phone": "99XXXXXXXX8",
  "pincode": " 226004",
  "city": "Lucknow",
  "state": "Uttar Pradesh",
  "address1": "ad1",
  "address2": "ad2"
}
```

### **Response(Json):**

```
{
  "status": 0,
  "code": 200,
  "message": "OK",
  "data": {
    "message": {
      "info": "invalid hub_id"
    }
  },
  "extra": null
}
```

### **2) Request(Json):**

```
{
  "hub_id": "1236",
  "hub_name": "Delhi Warehouse",
  "hub_phone": "99XXXXXXXX8",
  "pincode": " 226004",
  "city": "Lucknow",
  "state": "",
  "address1": "ad1",
  "address2": "ad2"
}
```

### **Response(Json):**

```
{
  "status": 200,
  "code": 41000,
  "message": "invalid_inputs",
  "data": null,
  "extra": null
}
```



```
}
```

### 3) Request(Json):

```
{  
  "hub_id": "1235",  
  "hub_name": "Delhi Warehouse",  
  "hub_phone": "99XXXXXXXX8",  
  "pincode": " 22600",  
  "city": "Lucknow",  
  "state": "uttar pradesh",  
  "address1": "ad1",  
  "address2": "ad2"  
}
```

### Response(Json):

```
{  
  "status": 0,  
  "code": 200,  
  "message": "OK",  
  "data": {  
    "message": {  
      "info": "Hub data invalid",  
      "validation_error": ["invalid pincode"]  
    }  
  },  
  "extra": null  
}
```

## 4) Delete Hub API

### Sandbox URL:

<http://sandboxapi.smartship.in/v2/app/Fulfillmentservice/deleteHub>

### Header:

Content-Type: application/json  
Authorization: Bearer XXXXXX

### Method:

POST

### **Successful Case:**

#### **Request(Json):**

```
{
  "hub_ids": [
    1237
  ]
}
```

#### **Response(Json):**

```
{
  "status": 1,
  "code": 200,
  "message": "success",
  "data": {
    "info": "hub deleted successfully"
  },
  "extra": null
}
```

### **Failed Case:**

#### **Request(Json):**

```
{
  "hub_ids": [
    1236,
    1221
  ]
}
```

#### **Response(Json):**

```
{
  "status": 0,
  "code": 200,
  "message": "OK",
  "data": {
    "message": {
      "invalid_hubs": [1221],
      "info": "invalid hub passed"
    }
  },
  "extra": null
}
```

## 5) Order Shipping Label API

### Sandbox URL:

<http://sandboxapi.smartship.in/v2/app/Fulfillmentservice/getShippingLabels>

### Header:

Content-Type: application/json

Authorization: Bearer XXXXXX

### Method:

POST

### Request (Json):

```
{
  "request_order_id": "184,183",
  "client_order_ref_id": "od02"
}
```

### Request Field Details:

Field Name	Data Type	Description	Is Mandatory?
request_order_id	Varchar	Comma Separated SmartShip Order Id	No
client_order_ref_id	Varchar	Comma Separated Client's Reference Order Id	No

**Note: One of the above field is mandatory**

### Response (Json):

```
{
  "status": 1,
  "code": 200,
  "message": "success",
  "data": {
    "error": {
      "invalid_request_order_ids": []
    }
  },
}
```

```
    "url":  
    "http://admin.smartship.in/images/excel_upload/shipping_label/16-04-2018/shipping-label-f0  
d9bb91b344618ab9fcf740c0e62526.pdf"  
  },  
  "extra": null  
}
```

## 6) Generate Manifest PDF API

### **Sandbox URL:**

<http://sandboxapi.smartship.in/v1/Faascreatemanifestpdf>

### **Header:**

Content-Type: application/json  
Authorization: Bearer XXXXXX

### **Method:**

POST

### **Request (Json):**

```
{  
  "manifest_ids": [  
    111694  
  ]  
}
```

### **Response(Json):**

```
{  
  "status": 1,  
  "code": 200,  
  "message": "success",  
  "data": {  
    "manifest_pdf_url": {  
      "111694":  
      "http://admin.smartship.in/images/excel_upload/manifest_pdf/18-01-2019/Courier-Manifest-2  
019-01-18-111694.pdf"  
    },  
    "error": {  
      "invalid_manifest_ids": []  
    },  
    "summary": {  
      "total_manifests_count": 1,  

```

```
"total_valid_manifests_count": 1,  
"failed_manifests_count": 0,  
"start_time": "18-01-2019 17:14:54",  
"end_time": "18-01-2019 17:14:55",  
"time_taken": 0.5546350479126  
}  
},  
"extra": null  
}
```

## 7) Cancel Order API

### **Sandbox URL:**

<http://sandboxapi.smartship.in/v2/app/Fulfillmentservice/orderCancel>

### **Header:**

Content-Type: application/json  
Authorization: Bearer XXXXXX

### **Method:**

POST

### **Request (Json):**

```
{  
  "request_info": {  
    "ip_address": "14.142.227.166",  
    "browser_name": "Mozilla",  
    "location": "Delhi"  
  },  
  "orders": {  
    "client_order_reference_ids": [  
      "OD00200",  
      "OD00202",  
      "OD00203",  
      "OD00204",  
      "OD00206"  
    ],  
    "request_order_ids": []  
  }  
}
```

**Request Field Details:**

Field Name	Data Type	Description	Is Mandatory?
ip_address	Varchar	IP address	No
browser_name	Varchar	Name of browser	No
Location	Varchar	Location Name	No
client_order_reference_ids	Varchar	Comma separated client order reference ids	No
request_order_ids	Varchar	Comma separated SmartShip request order ids	No

**Response(Json):**

```
{
  "status": 1,
  "code": 200,
  "message": "success",
  "data": {
    "failure": {
      "invalid_faas_order_status": [
        "126"
      ],
      "invalid_sc_order_status": [
        127
      ]
    },
    "successfully_cancelled": [
      "128",
      "129",
      "130"
    ]
  },
  "extra": null
}
```

**Response Field Details:**

Field Name	Description
invalid_faas_order_status	Cancellation is not allowed in this status

invalid_sc_order_status	Cancellation is not allowed in this status cancelled
successfully_cancelled	Successfully Cancelled orders
extra	Any extra information

## SMARTSHIP TRACKING APIs

### 1) Track Smartship Order API

**Sandbox URL:**

[http://sandboxapi.smartship.in/v1/Trackorder?request\\_order\\_ids=130](http://sandboxapi.smartship.in/v1/Trackorder?request_order_ids=130)

OR

[http://sandboxapi.smartship.in/v1/Trackorder?order\\_reference\\_ids=OD00204](http://sandboxapi.smartship.in/v1/Trackorder?order_reference_ids=OD00204)

**Header:**

Content-Type: application/json  
 Authorization: Bearer XXXXXX

**Method:**

GET

**Response (Json):**

```
{
  "status": 1,
  "code": 200,
  "message": "success",
  "data": {
    "scans": {
      "130": [
        {
          "request_order_id": "130",
          "order_reference_id": "OD00204",
          "tracking_number": "EQ235340552IN",
          "carrier_name": "Aramex",
          "date_time": "03-04-2018 12:08:41",
          "location": "Panipat_PC (Haryana)",
          "action": "Shipped to RTO",
          "status_code": "",
          "status_description": ""
        }
      ],
      {
        "request_order_id": "130",
```

```
"order_reference_id": "OD00204",
"tracking_number": "EQ235340552IN",
"carrier_name": "Aramex",
"date_time": "03-04-2018 12:08:40",
"location": "Panipat_PC (Haryana)",
"action": "SHipped to RTO",
"status_code": "",
"status_description": ""
},
{
  "request_order_id": "130",
  "order_reference_id": "OD00204",
  "tracking_number": "EQ235340552IN",
  "carrier_name": "Aramex",
  "date_time": "03-04-2018 12:08:40",
  "location": "Panipat_PC (Haryana)",
  "action": "RTO to RTO Delivered",
  "status_code": "",
  "status_description": ""
},
{
  "request_order_id": "130",
  "order_reference_id": "OD00204",
  "tracking_number": "EQ235340552IN",
  "carrier_name": "Aramex",
  "date_time": "02-04-2018 12:08:40",
  "location": "Delhi",
  "action": "Manifested to shipped",
  "status_code": "",
  "status_description": ""
},
{
  "request_order_id": "130",
  "order_reference_id": "OD00204",
  "tracking_number": "EQ235340552IN",
  "carrier_name": "Aramex",
  "date_time": "02-04-2018 12:08:40",
  "location": "Panipat_PC (Haryana)",
  "action": "SHipped to RTO",
  "status_code": "",
  "status_description": ""
},
{
  "request_order_id": "130",
  "order_reference_id": "OD00204",
  "tracking_number": "EQ235340552IN",
```



```

    "carrier_name": "Aramex",
    "date_time": "02-04-2018 12:08:39",
    "location": "Delhi",
    "action": "Manifested to shipped",
    "status_code": "",
    "status_description": ""
  }
]
},
"extra": []
}

```

### Response Field Details:

Field Name	Description
request_order_id	SmartShip Order ID
order_reference_id	Client's reference id
tracking_number	Tracking number
carrier_name	Carrier Name
date_time	Shipment Scan date and time
Location	Shipment location
Action	Description

### Status Code & Description

Status Code	Status Description
10	Shipped
11	Delivered
12	Delivery Attempted - Out Of Delivery Area
13	Delivery Attempted - Address Issue/Wrong Address
14	Delivery Attempted - COD Not ready
15	Delivery Attempted - Customer Not Available/Contactable
16	Delivery Attempted - Customer Refused To Accept Delivery

17	Delivery Attempted - Requested for Future Delivery
18	Return To Origin
19	RTO Delivered To Shipper
27	In Transit
28	RTO In Transit