

API Documentation

Base URL: <https://shipping-api.com/app/api/v1>

Authentication

All API requests must include both a `public-key` and `private-key` in the request headers. You can obtain these keys by either:

1. Using the login API.
2. Logging into the panel and checking the user profile section, where the `public-key` and `private-key` are provided.

Important: Ensure that the API URL does **not** have a trailing slash (/) at the end. It can lead to CORS issue

Info API

Method: GET

This API checks whether the API is currently operational.

Endpoint:

<https://shipping-api.com/app/api/v1/info>

Response:

Field	Type	Description
result	string	"1" for success, "0" for failure.
message	string	Success or error message.
data	object	Contains additional information about the API.

Response Example:

```
{  
  "result": "1",  
  "message": "Success",  
  "data": {  
    "Info": "Hello External V1 Api World!"  
  }  
}
```

Push-Order API

Method: POST

This API pushes order details to the Shipmozo panel.

Key Points:

1. The `order_id` must match the one created on your website.
2. The `warehouse_id` can be fetched using the **Get-Warehouses API** or created using the **Create-Warehouse API**.

Endpoint:

<https://shipping-api.com/app/api/v1/push-order>

Request Body:

Parameter	Type	Required	Description
<code>order_id</code>	string	Yes	Unique order identifier.
<code>order_date</code>	string	Yes	Date of the order in YYYY-MM-DD format.
<code>order_type</code>	string	No	Type of order (e.g., ESSENTIALS & NON ESSENTIALS).
<code>consignee_name</code>	string	Yes	Name of the consignee.
<code>consignee_phone</code>	number	Yes	Phone number of the consignee.
<code>consignee_alternate_phone</code>	number	No	Alternate phone number of the consignee.
<code>consignee_email</code>	string	No	Email address of the consignee.
<code>consignee_address_line_one</code>	string	Yes	First line of the consignee's address.
<code>consignee_address_line_two</code>	string	No	Second line of the consignee's address.
<code>consignee_pin_code</code>	number	Yes	Pin code of the consignee's location.
<code>consignee_city</code>	string	Yes	City of the consignee.
<code>consignee_state</code>	string	Yes	State of the consignee.
<code>product_detail</code>	array	Yes	Product details (name, quantity, price, etc.).
<code>payment_type</code>	string	Yes	Payment method (PREPAID or COD).
<code>cod_amount</code>	string	No	COD amount (if applicable).
<code>weight</code>	number	Yes	Weight of the shipment in grams.
<code>length, width, height</code>	number	Yes	Dimensions of the shipment.
<code>warehouse_id</code>	string	Yes	Warehouse ID (fetched from the Get-Warehouses API).
<code>gst_ewaybill_number,</code> <code>gstin_number</code>	string	No	GST-related fields (if applicable).

Example:

```
{  
  "order_id": "ordID",  
  "order_date": "2024-01-06",  
  "order_type": "ESSENTIALS",  
  "consignee_name": "John",  
  "consignee_phone": 8000042323,  
  "consignee_alternate_phone": 8000042323,  
  "consignee_email": "johnhelp@gmail.com",  
  "consignee_address_line_one": "Sector 49",  
  "consignee_address_line_two": "Sohna Road",  
  "consignee_pin_code": 122001,  
  "consignee_city": "Gurgaon",  
  "consignee_state": "Haryana",  
  "product_detail": [  
    {  
      "name": "Laptop",  
      "sku_number": "22",  
      "quantity": 1,  
      "discount": "",  
      "hsn": "#123",  
    }  
  ]  
}
```

```

        "unit_price": 1000,
        "product_category": "Other"
    }
],
"payment_type": "PREPAID",
"cod_amount": "",
"weight": 200,
"length": 10,
"width": 20,
"height": 15,
"warehouse_id": "",
"gst_ewaybill_number": "",
"gstin_number": ""
}

```

Response:

Field	Type	Description
result	string	"1" for success, "0" for failure.
message	string	Success or error message.
data	object	Contains the pushed order details, including <code>order_id</code> and <code>reference_id</code> .

Example:

```
{
    "result": "1",
    "message": "Success",
    "data": {
        "Info": "Order Pushed Successfully",
        "order_id": "ordID",
        "reference_id": "ordID"
    }
}
```

Push-Return-Order API

Method: POST

This API is used to push return order details to the Shipmozo panel. The return order includes pickup details, product details, and the reason for the return.

Endpoint:

<https://shipping-api.com/app/api/v1/push-return-order>

Request Body:

Parameter	Type	Required	Description
order_id	string	Yes	The unique identifier for the order being returned.
order_date	string	Yes	The date when the order was placed (format: YYYY-MM-DD).
order_type	string	No	The type of order (e.g., "ESSENTIALS").
pickup_name	string	Yes	The name of the person for pickup.
pickup_phone	number	Yes	The phone number of the person for pickup.
pickup_email	string	No	The email of the person for pickup.
pickup_address_line_one	string	Yes	The primary address for pickup.
pickup_address_line_two	string	No	The secondary address for pickup (if any).

pickup_pin_code	number	Yes	The pincode for the pickup location.
pickup_city	string	Yes	The city for the pickup location.
pickup_state	string	Yes	The state for the pickup location.
product_detail	array	Yes	A list of product details being returned (name, SKU, price, etc.).
payment_type	string	Yes	The payment type (e.g., "PREPAID").
weight	number	Yes	The weight of the return package in grams.
length	number	Yes	The length of the package (in cm).
width	number	Yes	The width of the package (in cm).
height	number	Yes	The height of the package (in cm).
warehouse_id	string	No	The warehouse identifier (if applicable).
return_reason_id	number	Yes	The reason ID for returning the order (use /get-return-reason API to get reason IDs).
customer_request	string	Yes	The customer's request for the return (e.g., "REFUND")
reason_comment	string	No	Additional comments or details about the return.

Example:

```
{
  "order_id": "ordID",
  "order_date": "2024-07-27",
  "order_type": "ESSENTIALS",
  "pickup_name": "John",
  "pickup_phone": 8000042323,
  "pickup_email": "johnhelp@gmail.com",
  "pickup_address_line_one": "Sector 49",
  "pickup_address_line_two": "Sohna Road",
  "pickup_pin_code": 122001,
  "pickup_city": "Gurgaon",
  "pickup_state": "Haryana",
  "product_detail": [
    {
      "name": "Product Name",
      "sku_number": "22",
      "quantity": 1,
      "discount": "",
      "hsn": "#123",
      "unit_price": 1000,
      "product_category": "Other"
    }
  ],
  "payment_type": "PREPAID",
  "weight": 2,
  "length": 10,
  "width": 500,
  "height": 15,
  "warehouse_id": "",
  "return_reason_id": 9,
  "customer_request": "REFUND",
  "reason_comment": ""
}
```

Response:

Field	Type	Description
result	string	"1" for success, "0" for failure.
message	string	Success or error message.
data	object	Contains order details, including <code>order_id</code> and <code>reference_id</code> .

Example:

```
{  
  "result": "1",  
  "message": "Success",  
  "data": {  
    "Info": "Order Pushed Successfully",  
    "order_id": "ordID",  
    "reference_id": "ordID"  
  }  
}
```

Assign-Courier API

Method: POST

This API assigns a courier to an order in the Shipmozo panel.

Key Points:

1. The `order_id` must match the one received from the **Push-Order API**.
 2. The `courier_id` can be obtained using the **Rate-Calculator API**.
-

Endpoint:

<https://shipping-api.com/app/api/v1/assign-courier>

Request Body:

Parameter	Type	Required	Description
<code>order_id</code>	string	Yes	Unique order identifier.
<code>courier_id</code>	number	Yes	Courier ID from Rate-Calculator API .

Example:

```
{  
  "order_id": "test123",  
  "courier_id": 1  
}
```

Response:

Field	Type	Description
<code>result</code>	string	"1" for success, "0" for failure.
<code>message</code>	string	Success or error message.
<code>data</code>	object	Contains courier assignment details, including <code>courier</code> .

Example:

```
{  
  "result": "1",  
  "message": "Success",  
  "data": {  
    "order_id": "test123",  
    "reference_id": "test123",  
    "courier": "Delhivery"  
  }  
}
```

Schedule-Pickup API

Method: POST

This API is used to schedule courier pickups for orders that do not have automatic pickup scheduling (`pickups Automatically Scheduled = NO`, response from the rate-calculator API).

Endpoint:

`https://shipping-api.com/app/api/v1/schedule-pickup`

Request Body:

The request body must be in JSON format, and include the following parameters:

Parameter	Type	Description
<code>order_id</code>	string	Unique identifier of the order for which the pickup is to be scheduled.

Example:

```
{  
    "order_id": "test123"  
}
```

Response:

The API returns a JSON object with the result of the pickup scheduling.

Field	Type	Description
<code>result</code>	string	Indicates the outcome of the request: "1" for success and "0" for failure.
<code>message</code>	string	Provides additional information about the request outcome (e.g., "Success").
<code>data</code>	object	Contains details of the scheduled pickup, including courier and tracking information.
<code>data.order_id</code>	string	The order ID for which the pickup was scheduled.
<code>data.reference_id</code>	string	Reference ID (usually matches the order ID).
<code>data.courier</code>	string	Name of the assigned courier company.
<code>data.awb_number</code>	string	The Airway Bill (AWB) number assigned by the courier for tracking.
<code>data.lr_number</code>	string	LR (Lorry Receipt) number for the order.

Example:

```
{  
    "result": "1",  
    "message": "Success",  
    "data": {  
        "order_id": "test123",  
        "reference_id": "test123",  
        "courier": "Delhivery",  
        "awb_number": "123123123",  
        "lr_number": "58930303"  
    }  
}
```

Error Handling:

- **Result Code:** 0
- **Message:** An appropriate error message is returned in case of failure.

Example:

```
{  
  "result": "0",  
  "message": "Order not found"  
}
```

Notes:

- Ensure that the `order_id` provided in the request is valid and that the order does not have automatic pickup scheduling enabled (`pickups Automatically Scheduled = NO`).
- This API is typically used in cases where manual scheduling of the courier pickup is required for certain orders.

Cancel-Order API

Method: POST

This API is used to cancel an existing order. The `order_id` and `awb_number` are required to process the cancellation.

Endpoint:

<https://shipping-api.com/app/api/v1/cancel-order>

Request Body:

Parameter	Type	Required	Description
<code>order_id</code>	string	Yes	Unique identifier for the order.
<code>awb_number</code>	number	Yes	The AWB number of the order shipment.

Example:

```
{  
  "order_id": "test123",  
  "awb_number": 38389839839839  
}
```

Response:

Field	Type	Description
<code>result</code>	string	"1" for success, "0" for failure.
<code>message</code>	string	Success or error message.
<code>data</code>	object	Contains the cancellation details, including <code>order_id</code> and <code>reference_id</code> .

Example:

```
{  
  "result": "1",  
  "message": "Order successfully canceled."  
}
```

```
"message": "Success",
"data": {
    "order_id": "test123",
    "reference_id": "test123"
}
}
```

Auto-Assign Order API

Method: POST

This API automatically assigns a courier to an order in the Shipmozo panel based on the provided order ID. But user should have setup its auto assign courier inside Setting > Auto assign in the panel.

Endpoint:

<https://shipping-api.com/app/api/v1/auto-assign-order>

Request Body:

Parameter	Type	Required	Description
order_id	string	Yes	The unique identifier for the order to be auto-assigned.

Request Body Example:

```
{
    "order_id": "12634WP61391513073"
}
```

Success Response:

Field	Type	Description
result	string	"1" for success.
message	string	Success message.
data	object	Contains details of the assigned order.

Success Response Example:

```
{
    "result": "1",
    "message": "Success",
    "data": {
        "order_id": "test123",
        "reference_id": "test123",
        "awb_number": "123123123",
        "courier_company": "Delhivery",
        "courier_company_service": "Delhivery"
    }
}
```

Error Response:

Field	Type	Description
result	string	"0" for error.
message	string	Error message.
data	object	Contains error details.

Error Response Example:

```
{  
    "result": "0",  
    "message": "Error",  
    "data": {  
        "error": "please setup auto assign"  
    }  
}
```

Response Fields:

For Success:

- `order_id`: The unique identifier for the order that was auto-assigned.
- `reference_id`: The reference ID for the order (same as `order_id`).
- `awb_number`: The Air Waybill number assigned to the order.
- `courier_company`: The name of the courier company that has been assigned.
- `courier_company_service`: The specific service of the courier company.

For Error:

- `error`: A message indicating the reason for the failure.
-

Get-Order-Detail API

Method: GET

This API retrieves the details of a specific order using the `order_id`.

Endpoint:

`https://shipping-api.com/app/api/v1/get-order-detail/{order_id}`

Path Parameter:

Parameter	Type	Required	Description
<code>order_id</code>	string	Yes	Unique identifier for the order.

Utility:

Login API

Method: POST

This API is used to authenticate a user with the **Shipmozo panel**. The `username` and `password` must be valid credentials.

Endpoint:

<https://shipping-api.com/app/api/v1/login>

Request Body:

Parameter	Type	Required	Description
username	string	Yes	The username of the user (Shipmozo panel).
password	string	Yes	The password of the user (Shipmozo panel).

Example:

```
{
  "username": "testuser",
  "password": "your_password"
}
```

Response:

Field	Type	Description
result	string	"1" for success, "0" for failure.
message	string	Success or error message.
data	array	Contains user details, including the name, public_key, and private_key.

Example:

```
{
  "result": "1",
  "message": "Success",
  "data": [
    {
      "name": "Vikas Sahu",
      "public_key": "2kIWvh6ZS3Gms119Yp4u",
      "private_key": "JY5LATHBCySsVWHZM9oK"
    }
  ]
}
```

Rate-Calculator API

Method: POST

This API calculates courier rates for a shipment. It can either calculate rates for an existing order by providing the order_id and pickup_pincode, or for a new shipment by providing other details.

Endpoint:

<https://shipping-api.com/app/api/v1/rate-calculator>

Request Body:

Parameter	Type	Required	Description
order_id	string	No	Order ID (if calculating rates for an existing order).
pickup_pincode	number	Yes	Pincode of the pickup location.
delivery_pincode	number	Yes	Pincode of the delivery location.

payment_type	string	Yes	Type of payment (PREPAID or COD).
shipment_type	string	Yes	Type of shipment (FORWARD, RETURN, etc.).
order_amount	number	Yes	Value of the order.
type_of_package	string	Yes	Type of package (e.g., SPS).
rov_type	string	Yes	Responsibility of value (e.g., ROV_OWNER).
cod_amount	string	No	COD amount (if applicable).
weight	number	Yes	Weight of the shipment in grams.
dimensions	array	Yes	Dimensions of the package (length, width, height).

Example:

```
{
  "order_id": "",
  "pickup_pincode": 122001,
  "delivery_pincode": 110001,
  "payment_type": "PREPAID",
  "shipment_type": "FORWARD",
  "order_amount": 1000,
  "type_of_package": "SPS",
  "rov_type": "ROV_OWNER",
  "cod_amount": "",
  "weight": 500,
  "dimensions": [
    {
      "no_of_box": "1",
      "length": "22",
      "width": "10",
      "height": "10"
    }
  ]
}
```

Pincode-Serviceability API

Method: POST

This API checks if a delivery is serviceable between the provided pickup_pincode and delivery_pincode.

Endpoint:

<https://shipping-api.com/app/api/v1/pincode-serviceability>

Request Body:

Parameter	Type	Required	Description
pickup_pincode	number	Yes	Pincode of the pickup location.
delivery_pincode	number	Yes	Pincode of the delivery location.

Example:

```
{
  "pickup_pincode": 122001,
  "delivery_pincode": 110001
}
```

Response:

Field	Type	Description
result	string	"1" for success, "0" for failure.
message	string	Success or error message.
data	object	Contains the serviceability status (serviceable).

Example:

```
{
  "result": "1",
  "message": "Success",
  "data": {
    "serviceable": true
  }
}
```

Get-Return-Reason API

Method: GET

This API returns a list of reasons for returning an order, each with an associated id and title.

Endpoint:

<https://shipping-api.com/app/api/v1/get-return-reason>

Response:

Field	Type	Description
result	string	"1" for success, "0" for failure.
message	string	Success or error message.
data	array	A list of return reasons, each with an id and title.

Example:

```
{
  "result": "1",
  "message": "Success",
  "data": [
    {
      "id": 1,
      "title": "Delivery Date has changed"
    },
    {
      "id": 8,
      "title": "No longer Needed"
    },
    {
      "id": 9,
      "title": "Item is damaged"
    },
    {
      "id": 10,
      "title": "Received wrong item"
    },
    {
      "id": 11,
      "title": "Parcel damaged on arrival"
    }
  ]
}
```

```
{
  "id": 12,
  "title": "Size not as expected"
},
{
  "id": 13,
  "title": "Changed my mind"
},
{
  "id": 14,
  "title": "Other"
}
]
```

Response Fields:

Field	Type	Description
id	number	The unique identifier for the return reason. It will be required in push-return-order API.
title	string	The title or description of the return reason.

LABELS

Get-Order-Label API

Method: GET

This API is used to retrieve the shipping label for an order by providing the AWB (Air Waybill) number in the URL. The label is returned as a base64-encoded PNG image.

Endpoint:

https://shipping-api.com/app/api/v1/get-order-label/{awb_number}

- Replace {awb_number} with the actual AWB number.

Request Parameters:

Parameter	Type	Required	Description
awb_number	string	Yes	The AWB number of the order.

Response:

Field	Type	Description
result	string	"1" for success, "0" for failure.
message	string	Success or error message.
data	array	Contains the label (base64-encoded image) and created_at.

Example:

```
{
  "result": "1",
  "message": "Success",
  "data": [
    {
      "label": "base64-encoded-image-data-here"
    }
  ]
}
```

```

    {
      "label": "...",
      "created_at": "2024-09-27 12:59:56"
    }
  ]
}

```

Response Fields:

Field	Type	Description
label	string	The shipping label in base64-encoded PNG format.
created_at	string	The timestamp of when the label was generated (format: YYYY-MM-DD HH:MM).

Track-Order API

Method: GET

This API is used to track the status of an order using the provided AWB (Air Waybill) number.

Endpoint:

<https://shipping-api.com/app/api/v1/track-order>

Request Parameters:

Parameter	Type	Required	Description
awb_number	string	Yes	The AWB number of the order being tracked.

Example URL:

https://shipping-api.com/app/api/v1/track-order?awb_number=GGN9000181640

Response:

Field	Type	Description
result	string	"1" for success, "0" for failure.
message	string	Success or error message.
data	object	Contains tracking details for the order.

Example:

```

{
  "result": "1",
  "message": "Success",
  "data": {
    "order_id": "12634WP61391513073",
    "reference_id": "12634WP61391513073",
    "awb_number": "GGN9000181640",
    "courier": "Professional 0.5KG",
    "expected_delivery_date": null,
    "current_status": "Pickup Pending",
    "status_time": null,
    "scan_detail": []
  }
}

```

Create-Warehouse API

Method: POST

This API is used to create a new warehouse, generating a `warehouse_id` required for pushing orders.

Important Notes:

- The `address_title` must be unique for each request. If it's not unique, the API will return the existing `warehouse_id` associated with that title.
- Fields like `name`, `phone`, `alternate_phone`, and `address_line_two` are optional.
- Fields like `address_line_one` and `pincode` are required.
- If the warehouse already exists, use the **Get-Warehouses API** to retrieve the `warehouse_id`.

Endpoint:

<https://shipping-api.com/app/api/v1/create-warehouse>

Request Body:

Parameter	Type	Required	Description
<code>address_title</code>	string	Yes	Title of the address (must be unique).
<code>name</code>	string	No	Name of the warehouse manager or owner.
<code>phone</code>	number	No	Phone number of the warehouse manager.
<code>alternate_phone</code>	number	No	Alternate phone number.
<code>email</code>	string	No	Email address of the warehouse.
<code>address_line_one</code>	string	Yes	First line of the warehouse address.
<code>address_line_two</code>	string	No	Second line of the warehouse address (optional).
<code>pin_code</code>	number	Yes	Pincode of the warehouse location.

Example:

```
{  
    "address_title": "test123",  
    "name": "Rahul",  
    "phone": 9876543210,  
    "alternate_phone": 9876543210,  
    "email": "test@gmail.com",  
    "address_line_one": "Delhi Railway Station",  
    "address_line_two": "New Delhi",  
    "pin_code": 141211  
}
```

Response:

Field	Type	Description
<code>result</code>	string	"1" for success, "0" for failure.
<code>message</code>	string	Success or error message.
<code>data</code>	object	Contains response information, including the <code>warehouse_id</code> .

Example:

```
{  
    "result": "1",  
    "message": "Success",  
    "data": {  
        "warehouse_id": "warehouse123"  
    }  
}
```

Update-Warehouse API

Method: POST

This API is used to update the warehouse information associated with a specific order. It requires the order ID and the new warehouse ID.

Endpoint:

`https://shipping-api.com/app/api/v1/order/update-warehouse`

Request Body:

Parameter	Type	Required	Description
order_id	string	Yes	The unique identifier for the order.
warehouse_id	int	Yes	The ID of the warehouse to be updated.

Request Body Example:

```
{  
  "order_id": "test123",  
  "warehouse_id": 1  
}
```

Response:

Field	Type	Description
result	string	"1" for success, "0" for failure.
message	string	Success or error message.
data	object	Contains the updated order and reference information.

Response Example:

```
{  
  "result": "1",  
  "message": "Success",  
  "data": {  
    "order_id": "test123",  
    "reference_id": "test123"  
  }  
}
```

Response Fields:

Field	Type	Description
order_id	string	The unique identifier for the order being updated.
reference_id	string	The reference ID for the order (order_id of user's website).

Important Notes:

- The fields required for updating the warehouse information are similar to those in the [Create-Warehouse API](#), but only the `order_id` and `warehouse_id` are mandatory for this request.
- Ensure that the `warehouse_id` is valid and corresponds to an existing warehouse.

Get-Warehouses API

Method: GET

This API retrieves all the warehouses created in the Shipmozo panel.

Endpoint:

<https://shipping-api.com/app/api/v1/get-warehouses>

Response:

Field	Type	Description
result	string	"1" for success, "0" for failure.
message	string	Success or error message.
data	array	An array of warehouse objects containing their details.

Response Example:

```
{  
  "result": "1",  
  "message": "Success",  
  "data": [  
    {  
      "id": 23481,  
      "default": "YES",  
      "address_title": "Sunshine Warehouse",  
      "name": "Rahul Sharma",  
      "email": "rahul.sharma@example.com",  
      "phone": "9001234567",  
      "alt_phone": "9007654321",  
      "address_line_one": "Sunshine Plaza, Sector 12",  
      "address_line_two": "Near Main Road",  
      "pincode": "122018",  
      "city": "Gurgaon",  
      "state": "Haryana",  
      "country": "India",  
      "status": "ACTIVE"  
    },  
    {  
      "id": 23482,  
      "default": "NO",  
      "address_title": "Green Valley",  
      "name": "Aditi Mehta",  
      "email": "aditi.mehta@example.com",  
      "phone": "9876543210",  
      "alt_phone": "",  
      "address_line_one": "Green Valley Road, Sector 45",  
      "address_line_two": "Opposite Park",  
      "pincode": "122003",  
      "city": "Noida",  
      "state": "Uttar Pradesh",  
      "country": "India",  
      "status": "INACTIVE"  
    }  
  ]  
}
```

Response Fields:

Field	Type	Description
id	int	Unique identifier for the warehouse.
default	string	Indicates if this is the default warehouse ("YES" or "NO").
address_title	string	Title or name for the warehouse address.
name	string	Name of the contact person for the warehouse.
email	string	Email address for communication regarding the warehouse.
phone	string	Primary contact number for the warehouse.
alt_phone	string	Alternate contact number for the warehouse (optional).
address_line_one	string	Primary address line for the warehouse.
address_line_two	string	Secondary address line for the warehouse (optional).
pincode	string	Postal code for the warehouse location.
city	string	City where the warehouse is located.
state	string	State where the warehouse is located.
country	string	Country where the warehouse is located.
status	string	Current status of the warehouse (e.g., "ACTIVE", "INACTIVE").