**SHIP AFRIKA**

**API Specification Doc**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

VERSION 1.0

15/06/2021

Created By: **FRIENDS IT SOLUTION**

(Including problems cleared and changes applied)

|  |
| --- |
|  |

**Distribution:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date Issued** | **Issued To** | **Description** |
| 1.0 | 16-July-2021 | API Project Team Members | Initial draft |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Authorization**

We send client key and secret I'd through request URL and in response we get assess token that is use for API request. Every API call will be against this token and if the token expires no API will respond. And the client id and secret key will be provided on API registration.

|  |  |
| --- | --- |
| End Point | Method |
| https://koboautos.com/shipafrika/connect/api/token/ | POST |

**Parameters**

|  |  |
| --- | --- |
| Client\_id | e85a04338e3327ccb6805e07d622ed58300 |
| Secret Key | 6O4K87wOwSJFUFsh1WhUOxAFRcarToSeJSnKHQ3 |

**Expected Response**

|  |  |
| --- | --- |
| On Success | <access token> |
| On Error | Client authentication failed |

**API METHODS**

**Rates API**

Rates API to fetch the rates against the service partners.

## Validation Requirements:

* A valid VIN

**API Signature:**

**Request URL**:

### [https://koboautos.com/shipafrika/connect/api/rates/](https://shipafrika.com/connect/api/rates/)

### Request Header

|  |  |
| --- | --- |
| **Header Name** | **Description** |
| ClientIp | Should be a valid IP, and it should be users IP passed from the frontend. This should logged in the backend. |
| Content-Type | application/json |
| Authtoken | Valid authorization token |

**Sample Request:**

Request URL = **https://koboautos.com/shipafrika/connect/api/rates/**

Request Body:

|  |  |
| --- | --- |
| shipFrom | NJ Turnpike, Woodbridge Township, NJ, USA |
| shipTo | Lagos, Nigeria |
| VIN | 1FVABXAK62HG77797 |
| condition | Runs & Drive: RND or Non Runner: NRD or Forklift Assisted: FRK or VIP : VIP |
| value | 3000 |
| titleState | 3942 |
| titleNo | U760024 |
| commodity | Automobile: 1 or  High & Heavy: 2 or  Machinery: 3 |
| Pickup | {Auction Code} or  00000 or  “” (Empty) |
| lotNo |  |
| memberNo |  |
| contactName |  |
| contactNumber |  |
| year |  |
| make |  |
| model |  |
| trim |  |
| length |  |
| width |  |
| height |  |
| weight |  |
| member\_id | 499506 |

**Sample Response** (Valid)

{"inventory":{"vin":"1HGEM21292L047875","model\_year":"2002","make":"Honda","model":"Civic","Weight":"2452","Length":"174.70","Width":"66.70","Height":"55.10","trim":"DX coupe","Vbody":"COUPE 2-DR","engine":"1.7L L4 SOHC 16V","transmission":"5-Speed Manual Overdrive","Driveline":"FWD","volume":371.56,"category":"MC-I","value":"3000","title\_state":"3942","title\_no":"U760024","Quote ID":"EST99001234"},"rate":{"1":{"carrier\_name":"Atlantic Container Lines BA","carrier\_logo":"https:\/\/koboautos.com\/shipafrika\/member\/uploads\/images\/carriers\/1531961174acl\_64x64.jpeg","source\_port\_name":"Port of Wilmington, DE","source\_port\_location":"Delaware","destination\_port\_name":"Tin Can Island - Lagos","destination\_port\_location":"Nigeria","service\_category":"MC-I","costItems":[{"cost\_name":"Ocean Freight","cost\_value":"850.00"},{"cost\_name":"Fuel Surcharge","cost\_value":"200.00"},{"cost\_name":"Other Cost","cost\_value":"25.00"},{"cost\_name":"Pickup","cost\_value":"400.00"},{"cost\_name":"Terminal Handling","cost\_value":"50.00"}],"total\_amount":"1,525.00","rate\_token":"MUhHRU0yMTI5MkwwNDc4NzV8TkogVHVybnBpa2UsIFdvb2RicmlkZ2UgVG93bnNoaXAsIE5KLCBVU0F8TGFnb3MsIE5pZ2VyaWF8NDZ8NTJ8NTN8NzAwLjAwfDM4Nnw5NHwzMzY2MnwzMDAwfDM5NDJ8VTc2MDAyNHw0M3xHQ1QwNjIy","distance":"","departure\_date":"2019-01-22","arrival\_date":"0000-00-00","Vessel":"Grande Cotonou","Voyage":"GCT0622}}

**Booking API**

Booking API Will insert the booking record in the database against the service partner.

## 

## Validation Requirements:

* Valid Rate Token
* VIN Number

**API Signature:**

**Request URL**:

### [https://koboautos.com/shipafrika/connect/api/booking/](https://shipafrika.com/connect/api/booking/)

### Request Header

|  |  |
| --- | --- |
| **Header Name** | **Description** |
| ClientIp | Should be a valid IP, and it should be users IP passed from the frontend. This should logged in the backend. |
| Content-Type | application/json |
| Authtoken | Valid authorization token |

**Sample Request:**

Request URL = **https://koboautos.com/shipafrika/connect/api/booking/**

Request Body:

|  |  |
| --- | --- |
| token | <access token> |
| Member\_id | 854304 |
| Rate\_token | MkIzS0E0M1I4NkgzODk4MjR8TkogVHVybnBpa2UsIFdvb2RicmlkZ2UgVG93bnNoaXAsIE5KLCBVU0F8TGFnb3MsIE5pZ2VyaWF8QXRsYW50aWMgQ29udGFpbmVyIExpbmVzIEJBfDczfDUzfDEyNjd8MzgxMjg= |
| shipper\_tax\_id | **1FVABXAK62HG77797** |
| shipper\_tax\_company | TCS, |
| shipper\_first\_name | John |
| shipper\_last\_name | Doe |
| shipper\_address | NJ Turnpike |
| shipper\_address2 | Woodbridge Township |
| shipper\_country | United States |
| shipper\_state | New Jersy |
| shipper\_city | Newark |
| shipper\_zipcode | 46803 |
| shipper\_telephone\_number | 03456789123 |
| shipper\_email | [john@gmail.com](mailto:john@gmail.com) |
| consignee\_tax\_id | **1FVABXAK62HG77798** |
| consignee\_company | TCS |
| consignee\_first\_name | Ali |
| consignee\_last\_name | Saad |
| consignee\_address | 100 Washington Blvd |
| consignee\_address2 | Woodbridge Township |
| consignee\_country | United States |
| consignee\_state | **Lagos** |
| consignee\_city | Fort Wayne |
| consignee\_zipcode | 46803 |
| consignee\_telephone\_number | 03234563123 |
| consignee\_email | ali@gmail.com |
| notify\_full\_name | Ahmed ali |
| notify\_address | Woodbridge Township |
| notify\_country | United States |
| notify\_state | Indiana |
| notify\_city | Fort Wayne |
| notify\_zipcode | 46803 |
| notify\_telephone\_number | 03452348886 |
| notify\_email | ahmedali@gmail.com |

**Sample Response** (Valid username password)

**{**

"response": "200",

    "status": "success",

}

**Sample Response** (Invalid username password)

{

    "response": "401",

    "status": "Invalid username or password"

}

**Register API**

Register API Will insert the User record in the database against the service partner.

## Validation Requirements:

* Valid Token
* Email not in database

**API Signature:**

**Request URL**:

### <https://koboautos.com/shipafrika/connect/api/register/>

### Request Header

|  |  |
| --- | --- |
| **Header Name** | **Description** |
| ClientIp | Should be a valid IP, and it should be users IP passed from the frontend. This should logged in the backend. |
| Content-Type | application/json |
| Authtoken | Valid authorization token |

**Sample Request:**

Request URL = **https://koboautos.com/shipafrika/connect/api/register/**Request Body:

|  |  |
| --- | --- |
| token | <access token> |
| first\_name | John |
| last\_name | Doe |
| Email | **John@gmail.com** |
| Phone | 03215300865 |

**Sample Response** (Valid parameters)

**{**

"response": "200",

    "status": " User Created Successfully",

}

**Sample Response** (Email Already Exist)

**{**

"response": " 401",

    "status": " Email Already Exists",

}

**Sample Response** (Invalid token)

{

    "response": "400",

    "status": " Invalid Parameters"

}

**Upload Document API**

Register API Will insert the User record in the database against the service partner.

## Validation Requirements:

* Valid Token
* Order ID in the database

**API Signature:**

**Request URL**:

### <https://koboautos.com/shipafrika/connect/api/upload/>

### Request Header

|  |  |
| --- | --- |
| **Header Name** | **Description** |
| ClientIp | Should be a valid IP, and it should be users IP passed from the frontend. This should logged in the backend. |
| Content-Type | application/json |
| Authtoken | Valid authorization token |

**Sample Request:**

Request URL = **https://koboautos.com/shipafrika/connect/api/upload/**Request Body:

|  |  |
| --- | --- |
| token | <access token> |
| order\_id | 7177 |
| document\_type | 155 |
| file[] | **Selected files** |

**Sample Response** (Valid parameters)

**{**

"response": "200",

    "status": " Document uploaded Successfully",

}

**Sample Response** (Invalid token)

{

    "response": "400",

    "status": " Invalid Parameters"

}

**Sample Response** (File Error)

**{**

"response": " 401",

    "status": " Sorry, only PDF, DOC, DOCX, JPG, JPEG, PNG & GIF files are allowed",

}

**Sample Response** (Invalid Order id)

{

    "response": "402",

    "status": " Invalid Order ID"

}

**Fetch Documents API**

Register API Will insert the User record in the database against the service partner.

## Validation Requirements:

* Valid Token
* Order ID in the database

**API Signature:**

**Request URL**:

[**https://koboautos.com/shipafrika/connect/api/documents/**](https://koboautos.com/shipafrika/connect/api/documents/)

### Request Header

|  |  |
| --- | --- |
| **Header Name** | **Description** |
| ClientIp | Should be a valid IP, and it should be users IP passed from the frontend. This should logged in the backend. |
| Content-Type | application/json |
| Authtoken | Valid authorization token |

**Sample Request:**

Request URL = **https://koboautos.com/shipafrika/connect/api/documents/**Request Body:

|  |  |
| --- | --- |
| token | <access token> |
| order\_id | 7216 |

**Sample Response** (Valid parameters)

{

    "document": [

        {

            "name": "Dock Receipt",

            "type": "pdf",

            "link": "https://koboautos.com/shipafrika/member/pdf\_new/create\_pdf.php?id=NzIxNg=="

        },

        {

            "name": "User Uploaded Document",

            "type": "jpeg",

            "link": "https://koboautos.com/shipafrika/member/uploads/document/1659035770images (45).jpeg"

        },

        {

            "name": "User Uploaded Document",

            "type": "png",

            "link": "https://koboautos.com/shipafrika/member/uploads/document/1659035770syntax\_4.png"

        },

        {

            "name": "User Uploaded Document",

            "type": "jpeg",

            "link": "https://koboautos.com/shipafrika/member/uploads/document/1659035770images (40).jpeg"

        }

    ]

}

**Sample Response** (Invalid token)

{

    "response": "400",

    "status": " Invalid Parameters"

}

**Sample Response** (Invalid Order id)

{

    "response": "402",

    "status": " Invalid Order ID"

}

# Glossary

## Convention

* **Client** - Client application.
* **Status** - HTTP status code of response.
* All the possible responses are listed under ‘Responses’ for each method. Only one of them is issued per request server.
* All response is in XML format.
* All request parameters are optional unless explicitly marked as [mandatory]

## Status Codes

All status codes are standard HTTP status codes. The below ones are used in this API.

2XX - Success of some kind

4XX - Error occurred in client’s part

5XX - Error occurred in server’s part

|  |  |
| --- | --- |
| **Status Code** | **Description** |
| 200 | OK |
| 201 | Created |
| 202 | Accepted (Request accepted, and queued for execution) |
| 400 | Bad request |
| 401 | Authentication failure |
| 403 | Forbidden |
| 404 | Resource not found |
| 405 | Method Not Allowed |
| 409 | Conflict |
| 412 | Precondition Failed |
| 413 | Request Entity Too Large |
| 500 | Internal Server Error |
| 501 | Not Implemented |
| 503 | Service Unavailable |