

# ETL TRANSACTION API USER GUIDE

This guide shows how to use the API, which is available through the Swagger interface.

You can open the Swagger UI here to try out the endpoints:

<https://yokomitsu.ddns.net:5444/swagger/index.html>

If you prefer using a tool like Postman, you can also access the API directly at:

<https://yokomitsu.ddns.net:5444/api/<endpoint>>

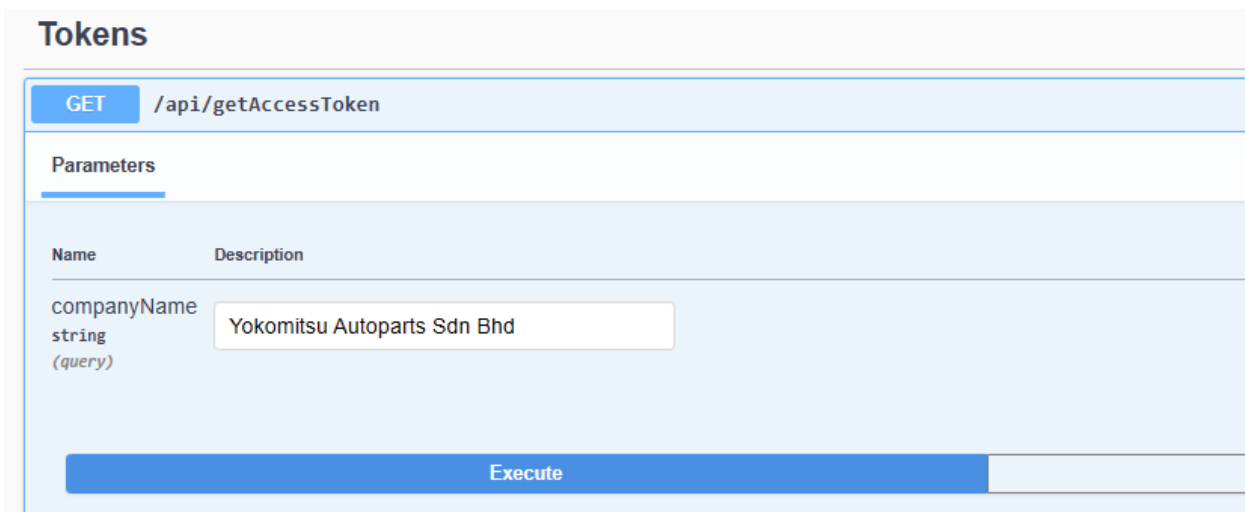
## 1.0 Get Access Token

### 1.1 Retrieving the Access Token:

To begin, go to the **"Tokens"** section in the Swagger UI. There, you'll find the endpoint **/api/getAccessToken** to retrieve an access token for authentication and security purposes.

You must include the following parameters:

- **companyName**: This is required for generating the token. Make sure to include it as a parameter (as shown in the diagram).



The screenshot shows the Swagger UI interface for the 'Tokens' section. At the top, there's a header 'Tokens'. Below it, the endpoint is listed as 'GET /api/getAccessToken'. Under the 'Parameters' tab, there is a table with two columns: 'Name' and 'Description'. The table contains one entry: 'companyName' with the type 'string' and '(query)'. To the right of the table, there is a text input field containing the value 'Yokomitsu Autoparts Sdn Bhd'. At the bottom of the interface, there is a blue 'Execute' button.

Name	Description
companyName string (query)	Yokomitsu Autoparts Sdn Bhd

Diagram 1.1 Parameter for retrieving Access Token

After submitting the company name, you will receive an access token that looks like this:

*tjIo5P6plhrmESxhHX0ELu6ixvoooTLIB6XALzjx2K4=*

**Note:** Requesting a new access token will invalidate the previous one.

Server response	
Code	Details
200	<div>Response body</div> <div>tjIo5P6plhrmESxhHX0ELu6ixvoooTLIB6XALzjx2K4=</div>

Diagram 1.2 Access Token

## 2.0 Get Sales Transactions

### 2.1 Retrieving Sales Transactions:

To begin, go to the "**SalesTransactions**" section in the Swagger UI. There, you'll find the endpoint **/api/sales/transactions** to retrieve a list of transaction records.

You must include the following parameters:

- **accessToken**: This is required for authentication. Make sure to include it as a parameter (as shown in the diagram).

In the **request body**, provide:

- **startDate** and **endDate**: Specify the date range in ISO format.
- **page**: Page number for pagination (**must be greater than 0**).
- **limit**: Number of records per page (**must be greater than 0**).

#### SalesTransactions

POST /api/sales/transactions

Parameters

Name	Description
accessToken	
string	tjlo5P6plhrmESxhHX0ELu6ixvoooTLIB6XAL:
(header)	

Request body

```
{
  "startDate": "2025-05-19T02:22:07.223Z",
  "endDate": "2025-05-19T02:22:07.223Z",
  "page": 1,
  "limit": 10
}
```

Execute

Diagram 2.1 Parameters and Request Body for Sales Transactions

Server response

Code	Details
200	<p>Response body</p> <pre>{   "totalCount": 44,   "page": 1,   "limit": 10,   "message": "The data is too large. Only partial results are shown. Please increase the page number to see more.",   "results": [     {       "documentNo": "IV-05125",       "transactionType": "INV",       "transactionDescription": "SALES",       "stockCode": "71411512072",       "quantity": 1,       "totalAmount": 59,       "unitCost": 0,       "location": "L1",       "issueDate": "2025-05-19T00:00:00",       "customerCode": "300-Z0001",       "customerName": "ZHAO FENG SDN. BHD.",       "salesmanCode": "JAYDEN",       "salesmanName": "JAYDEN",       "netQty": 37     },     {       "documentNo": "IV-05126",       "transactionType": "INV",       "transactionDescription": "SALES",       "stockCode": "71552661080",       "quantity": 1,       "totalAmount": 59,       "unitCost": 0,       "location": "L1",       "issueDate": "2025-05-19T00:00:00",       "customerCode": "300-Z0001",       "customerName": "ZHAO FENG SDN. BHD.",       "salesmanCode": "JAYDEN",       "salesmanName": "JAYDEN",       "netQty": 37     }   ] }</pre> <p>Response headers</p> <pre>content-type: application/json; charset=utf-8 date: Mon, 19 May 2025 02:22:18 GMT server: Microsoft-IIS/10.0 x-powered-by: ASP.NET</pre>

Diagram 2.2 Sales Transactions

**Note:**

- You can set the limit value up to **200**.
- Feel free to increase the page number to retrieve more transactions from the next set of results.