

Cygnet Infotech

Cygnet fame enriched Invoice verificaiton API Specification

This document contains invoice verficiation api specification to access functionalities of cygnet fame

**Version History**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Version** | **Prepared By** | **Prepared On** | **Reviewed & Approved By** | **Reviewed & Approved On** | **Description** |
| 1.0 | Vedang Pandya | 25-08-2023 |  |  | Added New Api for Upload Invoice  Get Invoice ID List  Check Status  Invoice Download.  Fetch Json  Consolidated Fetch Json  Fetch Json With Validation |
| 1.1 | Vedang Pandya | 21-11-2023 |  |  | **Fetch Json With Validation** Api integrated with Consolidated Global Validation Response (json\_with\_global\_validation). Api response has been updated. |
| 1.2 | Vedang Pandya | 09-02-2023 |  |  | **GetQr** Api integrated to read and scan QR and extract data from it. |

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# Overview

This document contains details on basic set of enriched APIs using which you can Upload Invoice, Download Invoice,Get Invoice ID List,Fetch Json, Fetch Consolidated Json, Fetch Consolidated Json with validation.

# API List

## Upload Invoice

|  |  |
| --- | --- |
| API Overview | |
| URL | [https://<<domain-name>>/v1.0/invoiceverification/uploadinvoice](https://qa-enrichedapi.cygnetgsp.in/v0.1/authenticate/token) |
| Type | POST |

|  |  |
| --- | --- |
| Sample Request Json | |
| data |  |

|  |
| --- |
| Response Payload |
| {"data":"0hDxAfOwmWBT0xq25aGxR3unwKKbBDA0Y0NAL+y++b5lZ4Kiy0cU0m1uvHEAdJz/53u9tUtMkbDgtNlWAKxgMTklhh7VGw103mjqPKkUmx1Xu+NG3yfj8nKo3Lk08r+TN+4KVrgmuhy0PE1KgI0X1w==","status\_cd":1} |

|  |
| --- |
| Decrypted Response Payload(With and without error) |
| {  "data": {  "invoice\_id": 255,  "status": "queued",  "code": 1,  "ERROR": null,  "messages": null  },  "status\_cd": 1  } |
| {  "data": {  "invoice\_id": 348,  "status": "error",  "code": 0,  "ERROR": null,  "messages": null  },  "status\_cd": 0  } |

#### Attribute Details

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field | Description | Type | Max Length | Required |
| InvoiceFile | Invoice Upload File in base64 string. | String | max | Yes |

#### Error Codes

|  |  |  |
| --- | --- | --- |
| Error Codes | Error Message | |
| ERROR | | Error code from ApiResponse. |
| MSG | | Error Message from ApiResponse |
| E001 | | Unknown error occurred. |
| Status\_cd | | Enrich Status Code (Fail =0, Success =1) |

## Get Invoice Id By List

|  |  |
| --- | --- |
| API Overview | |
| URL | [https://<<domain-name>>/v1.0/invoiceverification/invoiceidlist](https://qa-enrichedapi.cygnetgsp.in/v0.1/authenticate/token) |
| Type | POST |

|  |  |
| --- | --- |
| Sample Request Json | |
| data | {  "data": {  "start\_date": "01/08/2023 00:00:00",  "end\_date": "31/08/2023 23:59:59"  }  } |

|  |
| --- |
| Response Payload |
| {"data":"UlA9HtqTfiIio9PVIeHxqqLU7JA6f9x5Of3UT/pr65LQCax/5vhfoydUoidVz232w7EOoqHZQ9gJk7wIkmX4KgCelVExTWA6HvZQGJ3rIz5H6FTVJ5LSVwl5VYuQYyPE","status\_cd":1} |

|  |
| --- |
| Decrypted Response Payload |
| {  "data": {  "document\_id\_list": “255”,  "code": 1,  "ERROR": "",  "messages": null  },  "status\_cd": 1  } |

#### Attribute Details

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field | Description | Type | Max Length | Required |
| Start\_date | From Date to filter Invoice Id’s | Date time | -- | Yes |
| End\_date | To Date to filter Invoice Id’s | Date time | -- | Yes |

#### Error Codes

|  |  |  |
| --- | --- | --- |
| Error Codes | Error Message | |
| ERROR | | Error Message from ApiResponse |
| Code | | Error Code from Apiresponse (0 == Fail or 1 == success). |

## Check Status

|  |  |
| --- | --- |
| API Overview | |
| URL | [https://<<domain-name>>/v1.0/invoiceverification/checkstatus](https://qa-enrichedapi.cygnetgsp.in/v0.1/authenticate/token) |
| Type | POST |

|  |  |
| --- | --- |
| Sample Request Json | |
| data | {  "data":  {  "invoice\_id": "255"  }  } |

|  |
| --- |
| Response Payload |
| {"data":"xNvw9LGMxi1zJfeamMYAJz29d7oc4+mmWO/EJKy4T8cFP4lTCbvL981Ve2D00crU9/N+M/I1aq/hnHq6zVt+eud7vbVLTJGw4LTZVgCsYDE5JYYe1RsNdN5o6jypFJsdV7vjRt8n4/JyqNy5NPK/kzfuCla4JroctDxNSoCNF9c=","status\_cd":1} |

|  |
| --- |
| Decrypted Response Payload |
| {  "data":{  "id": 255,  "status": "completed",  "reviewed": false,  "code": 1,  "ERROR": null,  "messages": null  },  "status\_cd": 1  } |

#### Attribute Details

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field | Description | Type | Max Length | Required |
| Invoice ID | Invoice ID number | String | 15 | Yes |

#### Error Codes

|  |  |  |
| --- | --- | --- |
| Error Codes | Error Message | |
| Code | | Error Code from ApiResponse (0 == success or 1 ==fail). |
| E001 | | Unknown error occurred. |

## Get Invoice Download

|  |  |
| --- | --- |
| API Overview | |
| URL | [https://<<domain-name>>/v1.0/invoiceverification/invoicedownload](https://qa-enrichedapi.cygnetgsp.in/v0.1/authenticate/token) |
| Type | POST |

|  |  |
| --- | --- |
| Sample Request Json | |
| data | {  "data":  {  "invoice\_id": "255"  }  } |

|  |
| --- |
| Response Payload |
|  |

|  |
| --- |
| Decrypted Response Payload |
|  |

#### Attribute Details

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field | Description | Type | Max Length | Required |
| Invoice ID | Invoice ID to download invoice in base 64 string | String | max | Yes |

#### Error Codes

|  |  |  |
| --- | --- | --- |
| Error Codes | Error Message | |
| Code | | Error Code from Apiresponse ( 0 or 1). |
| E001 | | Unknown error occurred. |
| Status\_cd | | Enrich Status Code (Fail =0, Success =1) |

## Fetch Json

|  |  |
| --- | --- |
| API Overview | |
| URL | [https://<<domain-name>>/](https://qa-enrichedapi.cygnetgsp.in/v0.1/authenticate/token)v1.0/invoiceverification/fetchjson |
| Type | POST |

|  |  |
| --- | --- |
| Sample Request Json | |
| data | {  "data": {  "invoice\_id": "255"  }  } |

|  |
| --- |
| Response Payload |
|  |

|  |
| --- |
| Decrypted Response Payload |
|  |

#### Attribute Details

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field | Description | Type | Max Length | Required |
| Invoice ID | Invoice ID to fetch Json | String | 15 | Yes |

#### Error Codes

|  |  |  |
| --- | --- | --- |
| Error Codes | Error Message | |
| Code | | Error Code from ApiSide. |
| E001 | | Unknown error occurred. |
| Status\_cd | | Enrich Status Code (0=Fail, 1= Success) |

## Consolidated Fetch Json

|  |  |
| --- | --- |
| API Overview | |
| URL | [https://<<domain-name>>/v1.0/invoiceverification/consolidatedFetchJson](https://qa-enrichedapi.cygnetgsp.in/v0.1/authenticate/token) |
| Type | POST |

|  |  |
| --- | --- |
| Sample Request Json | |
| data | {  "data": {  "invoice\_id": "255"  }  } |

|  |
| --- |
| Response Payload |
| {"data":"sD2GWyX5YG94Ra72LfJTLlbOxKq3O6VZntU6+ymeB+IBIux7ans4UNoRYZFaJi3bdcTPZOfqqES/rg08VUfuSC23Ji+ZuOV/d4gSISVprFwg0RAyLLbNkWtlNDPCxx8gLOK66vmnrmkqMn2697WtL66ZJD3+N1Y+68gnE/87clmAcB8aFFLbr4FQXgAmL2rViS8cPt1MhDDNdsyX7GqUMO0T6wkq9ajd9JQnCyglyib4NpbF7E1q/ewGQqTIS7fmyrSLlOHYjzhA3UbMj/tSc749pFcGmlA8IF/yCrwgL7bk8/svLXcfBjmP1vfxczpcHsMzluVO16T9dU3b2UvdSHSlo5dmMYhJbRexMwt48m8=","status\_cd":1} |

|  |
| --- |
| Decrypted Response Payload (With and Without error) |
| {  "data":  {  "id": 0,  "name": null,  "created\_by": null,  "created\_at": "0001-01-01T00:00:00",  "processed\_at": null,  "status": null,  "num\_pages": 0,  "invoices": null,  "reviewed": false,  "code": 0,  "ERROR": null,  "messages": null  },  "status\_cd": 1  } |

#### Attribute Details

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field | Description | Type | Max Length | Required |
| Invoice ID | Invoice ID for Consolidated Fetch Json | String | 15 | Yes |

#### Error Codes

|  |  |  |
| --- | --- | --- |
| Error Codes | Error Message | |
| ERROR | | Error Message from Api Response |
| Code | | Error Code from Api response (0 or 1). |
| Status\_cd | | Enrich Status Code (Fail =0, Success=1) |
| Status | | Invoice ID Status from Api response. |

## Fetch Json with Validation

|  |  |
| --- | --- |
| API Overview | |
| URL | [https://<<domain-name>>/v1.0/invoiceverification/fetchjsonwithvalidation](https://qa-enrichedapi.cygnetgsp.in/v0.1/authenticate/token) |
| Type | POST |

|  |  |
| --- | --- |
| Sample Request Json | |
| data | {  "data": {  "invoice\_id": "368"  }  } |

|  |
| --- |
| Response Payload |
|  |

|  |
| --- |
| Decrypted Response Payload |
|  |

#### Attribute Details

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field | Description | Type | Max Length | Required |
| Invoice ID | Invoice ID to Download Consolidated Fetch Json | String | 15 | Yes |

#### Error Codes

|  |  |  |
| --- | --- | --- |
| Error Codes | Error Message | |
| Code | | Error Code from Api Response (0 or 1) |
| ERROR | | Error from Api Response |
| Status\_cd | | Enrich Status Code (Fail=0, Success =1) |
| Status | | Status like Queued or Error from Api response. |

## Invoice Get QR

|  |  |
| --- | --- |
| API Overview | |
| URL | [https://<<domain-name>>/v1.0/invoiceverification/getQr](https://qa-enrichedapi.cygnetgsp.in/v0.1/authenticate/token) |
| Type | POST |

|  |  |
| --- | --- |
| Sample Request Json | |
| data |  |

|  |
| --- |
| Response Payload |
|  |

|  |
| --- |
| Decrypted Response Payload |
|  |

#### Attribute Details

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field | Description | Type | Max Length | Required |
| base64QrCode | Image converted into plain base64 string | String | 500 | Yes |

#### Error Codes

|  |  |  |
| --- | --- | --- |
| Error Codes | Error Message | |
| Code | | Error Code from Api Response (0 or 1) |

|  |  |
| --- | --- |
| ERROR | Error from Api Response |
| Status\_cd | Enrich Status Code (Fail=0, Success =1) |
| QrCodeEncodedData | QR code base64 encoded data extracted from QR code image. |