



# Voucher API

## Introduction

The Voucher API allows for the creation, redemption & reversal of vouchers.

All Requests are must be done using a HTTP POST request with a Content-Type of application/json

## Swagger

SwaggerUI can will be located at [url]/swagger/

## Authentication

Each request requires an apikey header field

### Example :

- Content-Type:"application/json"
- apikey:" ng2Rq6MKn1Yz7R4h"
- Accept:"\*/\*"
- accept-encoding:"gzip, deflate"
- Connection:"keep-alive"

### Authentication Errors:

Responsecode	Description
0	Success
2	Invalid Login / Password
3	Login not active
4	Unknown Error

## /api/voucher/getVoucher

Get a new Voucher

Example Request	Example Response
<pre>{   "value": "500",   "customerAccount": "27837001205",   "customerReference": "5d546282-f96f-4fe8-b6fa-3494988c9f3f" }</pre>	<pre>{   "voucher_id": 195751,   "value": 500,   "voucher_number": "90626048105504",   "voucher_serial": "0110005000000001041",   "expiry_date": "08/31/2024 17:07:44",   "callcentre": "087 077 0990",   "customer_message": "To recharge your airtime dial:\n*120*15405*PIN#\n9062 6048 1055 04",   "qr_code":   "tel:*120*15405*90626048105504%23",   "responsecode": 0,   "message": "success" }</pre>

### getVoucher Request Parameters

Parameter	Description
value	Voucher value in cents
customerAccount (optional)	Customer's Account Reference (64 characters max)
customerReference (optional)	Customer Transaction Reference (64 characters max)

### getVoucher Response Parameters

Parameter	Description
voucher_id	Voucher Id
value	Voucher value in cents
voucher_number	Voucher Number
voucher_serial	Voucher Serial Number
expiry_date	Voucher Expiry Date
callcentre	Call Centre Number
customer_message	Customer Message
qr_code	Value to generate QR Code
responsecode	Responsecode

message	Message Text
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#### getVoucher Responses

ResponseCode	Description
1	Customer is not allowed to vend vouchers
10	Value needs to be greater than 0
29	Database Error

## /api/voucher/redeemVoucher

Redeems a Voucher

Example Request	Example Response
<pre>{  "voucherNumber": "90192162627727",  "CustomerAccount": "27837001205",  "CustomerReference": "344393"}  </pre>	<pre>{  "vouchernumber": "90192162627727",  "amount": 500,  "voucherid": 3,  "responsecode": 0,  "message": "Voucher Successfully Redeemed"}  </pre>

### redeemVoucher Request Parameters

Parameter	Description
voucherNumber	VoucherNumber
CustomerAccount (optional)	Customer's Account Reference (20 characters max)
CustomerReference (optional)	Customer Transaction Reference (20 characters max)

### redeemVoucher Response Parameters

Parameter	Description
vouchernumber	VoucherNumber
amount	Voucher amount in cents
responsecode	Response Code
message	Response Message

### redeemVoucher Responses

ResponseCode	Description
20	Invalid Voucher
21	Voucher Already Used
22	Voucher Expired
23	Voucher not Active
29	Database Error

## /api/voucher/reverseVoucher

Reverse a Voucher

Example Request	Example Response
<pre>{   "voucherNumber": "8999337394721189", }</pre>	<pre>{   "vouchernumber": "8999337394721189",   "responsecode": 0,   "message": "success" }</pre>

### reverseVoucher Request Parameters

Parameter	Description
voucherNumber	VoucherNumber

### reverseVoucher Response Parameters

Parameter	Description
vouchernumber	VoucherNumber
responsecode	Response Code
message	Response Message

### reverseVoucher Responses

ResponseCode	Description
30	Invalid Customer (Redeem Customer & Reverse Customer must be the same)
31	Reversal Period Expired (Default 5 minutes)
32	Voucher Not Found
33	Update Error
34	Unknown Error (Error in Message)
35	Database Error