



PAYMENT GATEWAY

JSON API Documentation Version 3.2

Abstract

This document is a guide to enable clients to connect to the Payment Gateway REST JSON API.

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1. Introduction

The Payment Gateway is an Eclectics International service that allows clients to connect to multiple billing APIs in order to make payments as well as transfer money.

This version of the API is REST based and uses JSON as the API format.

2. Requirements to Connect:

1. Client registration on Payment Gateway
2. API Credentials for the JSON API
3. Service activation on the API

3. API Request Parameters

The Payment Gateway JSON API requires the following parameters to POST a request:

Request Parameters:

Parameter	Data Type	Description	Mandatory/Optional
username	String	This is authentication username issued to a client when they are registered as an API user on the Gateway.	Mandatory
password	String	This is a hashed password String presented to the API with the username upon posting data to the API. The encryption pattern for this is described on the Password policy portion of the document.	Mandatory
clientid	int	This is an integer parameter shared to the client when the client is registered on the payment gateway. It helps identify the client in the gateway to allow the system to retrieve client details	Mandatory
serviceid	int	This helps to identify the service that customer wishes to consume on the API.	Mandatory
transactionid	String	This is the client's transaction reference. This is generated by the client and is presented with the transaction to the API.	Mandatory
msisdn	String	Mobile Station International Subscriber Directory Number (MSISDN) is a number used to identify a mobile phone number internationally. This is the customer's Phone Number and this enables the service to identify the customer in the system.	Mandatory
accountno	String	This is the account number that the payment is expected to be made. This is the account number that the bill will be presented to the biller with.	Mandatory
amount	double	This is the amount the customer would like to be presented to the biller for bill settlement.	Mandatory
currencycode	String	This is the ISO currency code for the transaction amount for the bill to be presented.	Mandatory
timestamp	String	This is the UTC timestamp for the time zone (+3:00)	Mandatory
payload	String	This are service oriented special data. Should be a JSON String unless specified otherwise.	Optional

4. API Response Parameters

Parameter	Data Type	Description
cloudPacketID	int	This is the request ID as identified on the gateway. This can be used to verify a transaction status in the gateway
statusCode	int	This is the transaction status code. It's generated with regards to the transaction current status at that moment.
statusDescription	String	This is a deeper description of the current transaction status at that specific moment. It enables the client to get a definitive transaction status.
cloudPacketStatus	String	This only appears when a transaction fails to meet all the required parameters for full verification on the gateway. It will contain any description of the missing data on the gateway. This is generated by the gateway core processor.
requestID	int	This is an internal transaction identifier for the gateway core processor for locating a transaction. Can be used on the query status API function.
MSISDN	String	Mobile Station International Subscriber Directory Number (MSISDN) is a number used to identify a mobile phone number internationally. This is the customer's Phone Number and this enables the service to identify the customer in the system.
sourceAccountNo	String	This is the transaction account from which the amount is debited. Mostly is the MSISDN value.
destinationAccountNo	String	This is the account number that the payment is expected to be made. It is the account number that the bill will be presented to the biller with. This is mostly the accountno request value.
amount	Double	This is the amount the customer would like to be presented to the biller for bill settlement.
dateProcessed	DateTime	This is the date and time when the transaction was processed. This maps to biller process date in core.
transactionid	String	This is the client's transaction reference. This is generated by the client and is presented with the transaction to the API.

5. Timestamp Format

UTC+03:00 is an identifier for a time offset from UTC of +03. In areas using this time offset, the time is three hours later than the Coordinated Universal Time (UTC). Following the [ISO 8601](#) standard, a time with this offset would be written as: for example, 2016-08-09T21:55:12+03:00 (boldface only here to be clear).

6. Password Encryption Policy

The password hash presented to the API for authentication is encrypted in the following format:

- The unencrypted password is encoded in base64.
- The string created is hashed in HMAC sha512 with a salt presented to the client upon registration on the Payment Gateway.

Example:

Username: testUser

Password: password12345

Encryption:

hash_hmac('sha512', base64_encode (password12345), saltKey);

7. Payload Encryption Policy

This is for services that transmit sensitive data in their payload, e.g card numbers

- . RSA Encryption 2048 is used.
- . A public key is shared with the client, one for UAT and another one for LIVE.
- . Encrypt the string payload using the provided key.
- . Base64 the cipher.
- . Place the Base String on the request JSON message payload key.

Sample encryption codes

PHP

```
function encryptpayload($keylocation, $payload ){
    $myfile = fopen($keylocation, "r") or die("Unable to open file!");
    $pubkey = fread($myfile, filesize($keylocation));
    $pubkey = "-----BEGIN PUBLIC KEY-----\r\n" . $pubkey . "\r\n-----END PUBLIC KEY-----";
    if (openssl_public_encrypt($payload, $encrypted, $pubkey))
        return base64_encode($encrypted);
    else
        throw new Exception('Unable to encrypt payload. Perhaps it is bigger than the
key size?');
}
```

Node JS

```
function encryptRSA(keyLocation, stringPayload) {
    const path = require('path');
    const crypto = require('crypto');
    const fs = require('fs');

    let file = path.resolve(keyLocation);

    let key = '-----BEGIN PUBLIC KEY-----\r\n' + fs.readFileSync(file) + '\r\n-----END PUBLIC
KEY-----';

    return crypto.publicEncrypt({
        key: key,
        padding: crypto.constants.RSA_PKCS1_PADDING
    }, new Buffer(stringPayload))
    .toString('base64');
}
```

Java

```
public static String encryptRSA(String filename, String payload) throws Exception {
```

```
Cipher cipher = Cipher.getInstance(RSA);  
byte[] keyBytes = Files.readAllBytes(new File(filename).toPath());  
keyBytes = Base64.decodeBase64 (new String(keyBytes));  
X509EncodedKeySpec spec = new X509EncodedKeySpec(keyBytes);  
KeyFactory kf = KeyFactory.getInstance(RSA);  
PublicKey key = kf.generatePublic(spec);  
cipher.init(Cipher.ENCRYPT_MODE, key);  
return Base64.encodeBase64(cipher.doFinal(payload.getBytes("UTF-8")));  
}
```


8. API Functions

8.1. Post Request:

This API function is used to post transaction requests to the API. This is the main transaction entry function for the API.

URL: RootURL:port/ServiceLayer/request/postRequest

Method: POST

Datatype: JSON

Parameters:

- Username
- Password
- Clientid
- Serviceid
- Transactionid
- Msisdn
- Accountno
- Amount
- Currencycode
- Timestamp

Optional fields (These fields are necessary in Money Remittance requests)

- [SenderNames](#) – Name of the one who sends money
- [Narration](#) – Brief description about the money sent

Request Sample:

```
{
  "username":"testUser",
  "password":"password12345",
  "clientid":2,
  "serviceid":1,
  "transactionid":"TRX7389991",
  "msisdn":"254723683365",
  "accountno":"748999400",
  "amount":100.00,
  "currencycode":"KES",
  "timestamp":"2016-08-09T21:55:12+03:00 ",
  "payload":{
    "key":"value"
  }
}
```

Response Sample:

Successful API request POST:

```
{
  "cloudPacketID":"34671",
  "status":"00",
  "statusDescription":"Successful transaction Processing, Check for request status.",
  "transactionid":"TRX7389991",
  "requestID":"182003"
}
```

Failed API Request POST:

```
{
  "cloudPacketID":"34671",
  "status":40,
  "cloudPacketStatus":"Failed to log Request. Authentication failed",
  "transactionid":"TRX7389991"
}
```

8.2 Query Status API

URL: RootURL:port/ServiceLayer/transaction/query

This API function is used to check transaction status after successful POST to PostRequest API function; this is because the service is asynchronous in its transaction processing. For optimal usage of this function, we recommend query status to be done 5 minutes after PostRequest has been carried out.

Method: POST

Datatype: JSON

API Parameters:

- Username
- Password
- requestID
- transactionID

Sample Query Status Request:

```
{
  "requestID":"1044671",
  "transactionid":"TRX7389991",
  "clientid":"2",
  "username":"testUser",
  "password":"password@123"
}
```

Sample Query Status response:

```
{
  "requestID":"1044671",
  "status":00,
  "statusDescription":"Successful Transaction Processing",
  "billerResponse":"TOKEN : 00000",
  "clientID":12,
  "serviceid":1,
  "transactionid":"TRX7389991",
  "MSISDN":"254723683365",
  "sourceAccountNo":"254723683365",
  "destinationAccountNo":"748999400",
  "amount":100.00,
  "currencycode":"KES",
  "dateProcessed":"2016-03-14 16:17"
}
```

Sample Failed Query Status Response:

```
{
  "transactionID":1664885,
  "status":"18",
  "statusDescription":"Transaction does not exist in the system, contact Eclectics support
for more information"
}
```

8.3 Bill presentments API

URL: RootURL:port/ServiceLayer/presentment/ePay

This API function is used for to query bill status in services that require bill presentment to in order to pay. Presentment may have several other queries prior to the actual bill presentment. These queries have the same message structure as presentment. Final presentment generates Transaction which is used to commit/post the transaction.

Payload value should be in JSON format. A earlier data format where key holds data related to that particular presentment, elements are comma (,) separated and key and value separated by full colon (:) is supported but depreciated in most of the services.

Method: POST

Datatype: JSON

Parameters:

- Username
- Password
- Clientid
- Serviceid
- Requesttype(Always pre)
- Payload (Contains details)

Sample presentment Request

```
{
  "username":"username",
  "password":"*****",
  "serviceid":"1012",
  "clientid":"15",
```

```

    "requesttype":"pre",
    "payload":{
      "MeterNumber":"0000000"
    }
  }

```

Sample response

```

{
  "MESSAGE":"JSON String with relevant data",
  "STATUS":"00"
}

```

9. SMS(s)

This functionality allows sending of SMS via Payment gateway

One is required to have a Sender ID registered

9.1 Send SMS.

URL: RootURL:port/ServiceLayer/pgsms/send

Method – POST

DataType – JSON

Parameters

- to – destination number
- message – Text message body
- from – Registered sender ID on PG
- transactionID – Unique transaction id
- username – PG username
- password – PG password

Sample SMS Send request:

```

{
  "to" : "254728000000",
  "message" : "This is a test SMS",
  "from" : "SendId",

```

```

    "transactionID": "ZHD839278X@",
    "username", "user@123",
    "password", "PassWord123"
}

```

Sample Response

ResultCode – Should 0 for success else failed

```

{
  "ResultDetails": {
    "COUNTRY": "Kenya",
    "DATA": "138073011011929419",
    "PREFIX": "254"
  },
  "RequestId": 6519,
  "ResultDesc": "SMS Send was Successful for InfoBip!",
  "ResultCode": 0
}

```

9.2 Check SMS units balance

This Service facilitates check of SMS units balance.

URL: RootURL:port/ServiceLayer/pgsms/balance

Sample Request

```

{
  "from" : "Sendeld",
  "transactionID": "ZHD839278X@",
  "username", "user@123",
  "password", "PassWord123"
}

```

Sample Response

```
{
  "ResultDetails": "Query request was successful",
  "ResultDesc": 390.15,
  "ResultCode": "00"
}
```

10. IPRS requests

This API facilitates calls to IPRS. It enables one to get a person details using Kenyan ID number or Passport number.

Requests are synchronous, i.e No callbacks

Details Available;

- First Name
- Other Name
- Surname
- Date of Birth
- Gender

URL : RootUrl:Port/ServiceLayer/get/personalDetails

Test service id: 2027

Prod service id:

"payload":{"ID":"1234"} --- When checking using ID number

"payload":{"PASSPORT":"1234"} ---- When checking using passport number

Sample Request

```
{
  "password":"pg_user_password",
  "clientid":"pg_client_id",
  "payload":{
    "ID":"1234"
```

```
},  
"accountno":"ID_PASSPORT_NUMBER",  
"serviceid":"2027",  
"msisdn":"254726068383",  
"currencycode":"KES",  
"transactionid":"2018IM020800006001",  
"username":"pg_username",  
"timestamp":"2020/12/22 17:41:58"  
}
```

Sample Response

Success

```
{  
  "RequestID": "51622",  
  "cloudPacketID": "204637",  
  "Photo": "{}",  
  "Gender": "F",  
  "Place_of_Birth": "{}",  
  "ID_Number": "1234",  
  "First_Name": "PAULINA",  
  "RegOffice": "{}",  
  "Ethnic_Group": "{}",  
  "Clan": "{}",  
  "Serial_Number": "{}",  
  "USERID": "4048",  
  "Place_of_Death": "{}",  
  "Place_of_Live": "{}",  
  "Status": "00",  
  "Fingerprint": "{}",  
}
```



```
"Date_of_Birth": "12/31/1954 12:00:00 AM",
"IPRSADAPTOR_RESPONSE": "SUCCESS",
"Citizenship": "{}",
"CLIENTID": "4048",
"Date_of_Issue": "{}",
"Occupation": "{}",
"Pin": "{}",
"Signature": "{}",
"Date_of_Death": "{}",
"Family": "{}",
"Other_Name": "KARIRI",
"ErrorOccurred": "false",
"ErrorCode": "{}",
"ErrorMessage": "{}",
"Surname": "MITU",
"DATECREATED": "2019-02-05 11:17:57.079"
}
```

Failed

```
{
  "Status": "99",
  "RequestID": "51623",
  "USERID": "4048",
  "IPRSADAPTOR_RESPONSE": "FAILED.ID number must contain only digits from 0 to 9",
  "cloudPacketID": "204639",
  "ErrorOccurred": "true",
  "ErrorMessage": "ID number must contain only digits from 0 to 9",
  "ID_Number": "1234-",
  "CLIENTID": "4048",
  "DATECREATED": "2019-02-05 11:20:51.275"
```

```

}

{
  "Status": "20",
  "RequestID": "2018IM0208000060002",
  "cloudPacketID": "204640",
  "ErrorOccurred": "true",
  "ErrorMessage": "Duplicate Transaction Attempted."
}

```

11. Callback functionality:

This feature enables the Payment Gateway to send back results to the client once processed. Clients will be required to register their callback url.

NB - This applies to all requests other than Money Remittance requests.

Sample request to client

Hash value = sha-256(transactionID+destinationaccount+amount+cloudpacketID);

+ concatenate trimmed values as they were sent.

- Cloud packet – Is returned after a successful posting.

Method : POST

Datatype : JSON

Parameters:

```

{
  "amount": "1000",
  "clientID": "15",
  "MSISDN": "25412232323",
  "billerResponse": "biller response with service relevant information",
  "billerResponseCode": "billerSpecificCode",
  "dateProcessed": "2016-11-01 15:54:50.0",
  "transactionID": "121200605000018",
  "statusDescription": "Failed",
  "requestID": "10720",

```

```

"destinationAccountNo":"748999400",
"serviceID":"1016",
"sourceAccountNo":"25412232323",
"status":"55",
"HASH":"e96f1b787f0eee82fe1b35f37f0e5a65bc141e4a72f65212d17d75bf4c984226"
}

```

Response from Client

Method: POST

DataType: JSON

00 for Success, anything else is a failure

```

{
  "STATUS":"00",
  "MESSAGE":"Status description"
}

```

12. Status Codes and their Descriptions

Status Code	Status Description
00	Successful Transaction Processing
15	Transaction Pending Processing
18	Transaction does not exist in system, contact Eclectics support for more information
20	Duplicate Transaction Attempted.
40	Failed to Authenticate client
45	Client is not authorized to access this service
48	Client is not registered in the system
55	Failed in Transaction Processing
81	This Service is not activated.
91	Cannot Connect to Database Server
99	Internal System Failure

HTTP Statuses:

HTTP Status	Description
-------------	-------------

100	Continue
101	Switching Protocols
200	OK
201	Created
202	Accepted
203	Non-Authoritative Information
204	No Content
205	Reset Content
206	Partial Content
400	Bad Request
401	Unauthorized
403	Forbidden
404	Not Found
405	Method Not Allowed
408	Request Timeout
500	Internal Server Error
501	Not Implemented
502	Bad Gateway
503	Service Unavailable
504	Gateway Timeout
505	HTTP Version Not Supported

13. Supported Requests:

1. Safaricom Airtime top up

Service Name	Safaricom Airtime top up
Service Description	Safaricom Prepaid Airtime top up
Service Details	
Is secure?	No
Has presentment?	No
Has post payload?	No

serviceid	Test serviceid	2
	Prod serviceid	2
Service Request Details		
accountno	Value	Phone number
	Description	Phone number to have the airtime topped up
Callback Details		
billerResponse	Sample data	Success

2. Airtel Airtime top up

Service Name	Airtel Airtime top up	
Service Description	Airtel Prepaid Airtime top up	
Service Details		
Is secure?	No	
Has presentment?	No	
Has post payload?	No	
serviceid	Test serviceid	5
	Prod serviceid	4
Service Request Details		
accountno	Value	Phone number
	Description	Phone number to have the airtime topped up
Callback Details		
billerResponse	Sample data	Success

3. Telkom Airtime top up

Service Name	Telkom Airtime top up	
Service Description	Telkom Prepaid Airtime top up	
Service Details		
Is secure?	No	
Has presentment?	No	
Has payload?	No	
serviceid	Test serviceid	3
	Prod serviceid	3
Service Request Details		
accountno	Value	Phone number
	Description	Phone number to have the airtime topped up
Callback Details		
billerResponse	Sample data	Success

--	--	--

4. KPLC Pre-Paid

Service Name	KPLC PRE PAID	
Service Description	KPLC prepaid	
Service Details		
Is secure?	No	
Has presentment?	Yes	
Has post payload?	No	
serviceld	Test serviceid	6092
	Prod serviceid	2046
Service Presentment Details		
Validates meter number with the names		
payload	Key	Description
	MeterNumber	KPLC Pre-paid meter number
	{"MeterNumber":"11111"}	
	Response	
	{ "AccountID": "11111", "Name": "Chris Faith" }	
Service Request Details		
serviceld	Test serviceid	1
	Prod serviceid	1
accountno	Value	Meter Number
	Description	Pre-paid Meter Number
Callback Details		
billerResponse	Sample data	KPLC_TOKEN : 0000000000000000 ~ UNITS : 300

5. KPLC Post paid

Service Name	KPLC PRE PAID	
Service Description	KPLC prepaid	
Service Details		
Is secure?	No	
Has presentment?	Yes	
Has post payload?	No	
serviceld	Test serviceld	4043
	Prod serviceld	2030
Service Presentment Details		
Validates meter number with the names		

payload	key	Description
	MeterNumber	KPLC Post paid meter number
	{"MeterNumber":"11111"}	
Response	{ "AccountID": "11111", "Amount Due": "210.35", "Name": "Chris Faith" }	
Service Request Details		
accountno	Value	Meter Number
	Description	Postpaid Meter Number
Callback Details		
billerResponse	Sample data	RECEIPT_NUMBER: 000000000001

6. Cards Payment

Service Name	Cards Payment	
Service Description	Cards debiting	
Service Details		
Is secure?	Yes	
Has presentment?	No	
Has post payload?	Yes	
	Prod serviceid	2027
	Test serviceid	3038
Service Request Details		
payload	key	Description
	ExpiryDate	Cards expiry date as indicated on it
	txnCurrency	Cards transaction currency
	PAN	Cards number
	CardSecurityCode	Cards security code – 3 digis
	{ "ExpiryDate":"042019", "txnCurrency":"KES", "PAN":"4242424200000000", "CardSecurityCode":"706" }	
Callback Details		
billerResponse	ACQUIRER_REF : 20180427:811613281720 ~ TRANSACTION_INDEX: 5B13A44A-7298-480B-B9F9-71F1654B6E98	

7. NHIF Payment

Service Name	NHIF	
Service Description	Used for the payment of NHIF bills i.e. individual contributions, corporate e-slips, penalties and NHIF cards. NHIF amount and penalty are paid on a mutual exclusive basis	
Service Details		
Is secure?	No	
Has presentment?	Yes	
Has post payload?	Yes	
serviceId	Test serviceId	1019
	Prod serviceId	1019
Service Presentment Details		
payload	key	Description
	Stage	Presentment stage – Always presentment
	AccountNumber	NHIF Account number
	Amount	Amount payable in KES, required for both e-slip and member contribution.
	Penalty	Amount of penalty charges
	IsCorporate	Whether the account belongs to corporate or individual
	PhoneNumber	Payer phone number
	PaymentTypeID	Payment mode – Always 1 to indicate cash
	Individual { "Stage":"presentment", "AccountNumber":"2011088", "Amount":"100", "Penalty":"0", "IsCorporate":"false", "PhoneNumber":"0724972416", "PaymentTypeID":"1" } Corporate { "Stage":"presentment", "AccountNumber":"1100119", "IsCorporate":"true", "PhoneNumber":"0724972416", "PaymentTypeID":"1" }	
Response	key	Description
	TransactionID	Unique transaction reference number

	Names	Employee names
	IsCorporate	Whether it is corporate transaction or individual transaction
	AccountNames	Account name
	AccountNumber	Account number
	ESlipNumber	corporate’s e-slip number
	ESlipAmount	Amount of the e-slip
	ESlipMonth	Month in which e-slip was generated
	EmployeesNumber	Employee number
	<pre>Individual { "Names":null, "ESlipMonth":null, "Amount":100, "EmployeesNumber":null, "AccountNames":"WAGIKUYU, MONICAH WAITHIRA", "ESlipAmount":null, "ESlipNumber":null, "IsCorporate":false, "TransactionID":"2137262", "AccountNumber":"2011088" } Corporate { "Names": null, "ESlipMonth": "2009-11", "Amount": 0, "EmployeesNumber": 4, "AccountNames": "KITHOKA DAIRY CO-OPERATIVE SOCIETY LIMITED", "ESlipAmount": 1280, "ESlipNumber": "1100119", "IsCorporate": true, "TransactionID": "2137263", "AccountNumber": "12345 " } </pre>	
Service Request Details		
accountno	Value	NHIF Number
	Description	NHIF Number that will be paid
payload	key	Description
	TransactionId	TransactionId returned during payment
	{ "TransactionId": "00001" }	
Callback Details		

billerResponse	Sample data	RECEIPT_NUMBER: 000000000001

8. Nairobi County Landrates

Service Name	Nairobi county landrates	
Service Description	This service is used to pay landrates on Nairobi county. It has two stages, bill presentment and commit	
Service Details		
Is secure?	No	
Has presentment?	Yes	
Has post payload?	Yes	
serviceId	Test serviceid	1017
	Prod serviceid	1017
Service Presentment Details		
payload	key	Description
	Stage	Presentment stage – Always presentment
	PlotNumber	Land plot number to be paid
	PhoneNumber	Payer phone number
	PaymentTypeID	Payment mode – Always 1 to indicate cash
	{ "Stage":"presentment", "PlotNumber":"8285/829", "PhoneNumber":"0722111222", "PaymentTypeID":"1" }	
Response	key	Description
	TransactionID	Unique transaction reference number
	Names	Employee names
	Penalty	Amount to pay as penalty
	Adjustment	Adjustment for the landrate
	AmountToPay	Transaction amount (equal to sbp fee)
	Balance	<AmountToPay> + <Penalty> i.e. Total Payable. This is the amount the client should pay in case there is no waiver.
	CustomerNames	Owner of the plot
	Duedate	Rate payment due date
	GroundRent	Ground rent

	Rate	Amount to pay as rate
	RateNumber	Unique number describing the rate
	OtherCharges	Other land charges
	PhysicalAddress	Physical address of the plot owner
	Description	Description of the rate
	AnnualAmount	Amount pay per year
	Arrears	Arrears accrued to the land
	UPN	Unique plot number
	Waiver	Amount taken off the Annual Amount as an incentive for payment
	MinimumAmountForWaiver	Amount to be paid in order for one to benefit from waiver. If this parameter has a value, the client should pay this amount and not the <Balance>.
	{ "Description": "Residential", "Adjustment": 0, "Rate": 0, "RateNumber": "8285/829", "AmountToPay": 0, "PhysicalAddress": "KARIOBANGI", "CustomerNames": "NGIMA MURIUKI", "Arrears": 0, "Penalty": 0, "Duedate": "2014-03-31T00:00:00", "TransactionID": "1019807", "Names": null, "GroundRent": 0, "AnnualAmount": -12671841, "UPN": "V0091550", "Waiver": 0, "OtherCharges": 0, "Balance": -12671841 }	
Service Request Details		
accountno	Value	Plot number
	Description	Plot number of land whose landrate is being paid
payload	key	Description
	TransactionId	TransactionId returned during payment
	{"TransactionId": "00001"}	
Callback Details		
billerResponse	Sample data	RECEIPT_NUMBER: 000000000001

9. Nairobi County House rent

Service Name	Nairobi County House Rent	
Service Description	This is a payment stream for house rents and market stalls that belong to Nairobi County. It's a four-step process	
Service Details		
Is secure?	No	
Has presentment?	Yes	
Has post payload?	Yes	
serviceld	Test serviceid	1016
	Prod serviceid	1016
Step 1 – Get Estates		
Description	This call gets a list of estates with houses and markets that belong to Nairobi County	
payload	key	Description
	Stage	Estates- depicts that one is calling estates list
	{ "Stage":"estates" }	
Response	key	Description
Array	ID	Unique id for for the estate
	Description	Description of the estate
	HouseOrStall	Whether it is a house or stall, 1 is a house while 2 is a Market stall
	[{ "Description":"BACHELOR QUARTERS", "ID":13, "HouseOrStall":1 }, { "Description":"BAHATI I", "ID":20, "HouseOrStall":1 }]	
Step 2 – Get Residences		
Description	This call gets the list of residences within an estate.	

	Pass the ID of the estate chosen from the GetEstates above	
Payload	Key	Description
	Stage	residence
	ID	Estate ID
	{ "Stage": "residence", "ID": "13" }	
Response	Key	Description
Array	ID	Residence ID
	Description	Description of a particular residence
	HouseTypeID	House Type ID
	UHN	Unique House Number – Use this as your accountno during payment
	[{ "Description": "3-Person", "HouseTypeID": "12", "UHN": "0013-00001", "ID": "13361001" }, { "Description": "3-Person", "HouseTypeID": "12", "UHN": "0013-00004", "ID": "13361004" }]	
	Step 3 – Bill Presentment	
Description	This call pulls the tenant details and a transaction ID	
Payload	Key	Description
	Stage	presentment – Should be always
	ResidenceNumber	Residence ID
	EstateID	Estate ID
	HouseTypeID	House Type ID
	PhoneNumber	Payer phone number
	PaymentTypeID	Mode of payment – should always be 1 - Cash
	{ "Stage": "presentment", "ResidenceNumber": "101", "EstateID": "20", "HouseTypeID": "28", "PhoneNumber": "0724111111", "PaymentTypeID": "1" }	

Response	Key	Description
	TransactionID	Unique transaction reference number
	Names	Tenant names
	Amount	Amount to pay
	Adjustment	any adjustment accrued in payment
	Currentbalance	Current balance
	CustomerNames	Customer names
	LastBillMonth	Last month bill was paid
	MonthlyOtherCharges	Other monthly charges
	MonthlyRent	Monthly rent
	OtherArrears	Other Arrears
	PhysicalAddress	Physical Address
	RentArrears	Rent Arrears
	RentDueDate	Rent Due Date
	RentDueDate	Unique house number
	{ "RentDueDate": "2017-04-30T00:00:00", "Adjustment": 0, "Amount": -45215, "CurrentBalance": -45215, "PhysicalAddress": "BAHATI I", "CustomerNames": "RONHAND NJOGU", "OtherArrears": 0, "TransactionID": "75347", "Names": null, "MonthlyRent": 1000, "LastBillMonth": "2017-04-30T00:00:00", "UHN": "0020-00114", "RentArrears": -46215 }	
	Service Request Details	
accountno	Value	Unique House Number
	Description	Unique House number returned in Presentment
payload	key	Description
	TransactionId	TransactionId returned during presentment
	{"TransactionId":"00001"}	
Callback Details		
billerResponse	Sample data	RECEIPT_NUMBER: 000000000001

10. Nairobi County Water

Service Name	Nairobi (County) Water
Service Description	This is an API used to access the endpoint for the payment of Nairobi Water bills. There are 3 transaction processes involved.

Service Details		
Is secure?	No	
Has presentment?	Yes	
Has post payload?	Yes	
	Prod serviceid	1020
	Test serviceid	1020
Step 1 – Get Bill		
Description	This call pulls the applicable charges for Nairobi Water. Pass Nairobi Water customer account number	
Payload	Key	Description
	Stage	bill – Always bill when checking bill status
	AccountNumber	Meter number
	{ "Stage": "bill", "AccountNumber": "1234567" }	
	Response	Key
	Names	Nairobi water customer names
	ServiceNumber	Customer Account number
	DueDate	Nairobi water bill payment due date
	Amount	Amount due
	{ "Names": John Doe, "Amount": 7500, "ServiceNumber": "01010101", "DueDate": "New" }	
	Step 2 - Bill Presentment	
Description	Preparation for bill settlement	
Payload	Key	Description
	Stage	presentment – Should always be presentment
	AccountNumber	Meter number intended to be paid
	PhoneNumber	Payer phone number
	Names	Payer Names
	Amount	Amount intended to be paid
	PaymentTypeID	Payment mode – Should be 1 to indicate Cash payment
	{ "Stage": "presentment", "AccountNumber": "1234567", "PhoneNumber": "0724972416", "Names": "Test", "Amount": "100", }	

	"PaymentTypeID":"4"	
	}	
Response	Key	Description
	TransactionID	Transaction ID that should be used during commit
	Names	Customer Names
	ServiceNumber	Customer account number
	{ "TransactionID":"123", "Names":"Joe Doe", "ServiceNumber":"000100" }	
Service Request Details		
payload	key	Description
	TransactionId	TransactionId returned during presentment
	{"TransactionId":"00001"}	
Callback Details		
billerResponse	Sample data	RECEIPT_NUMBER: 000000000001

11. Nairobi County E-Construction

Service Name	Nairobi County E-Construction	
Service Description	Service enables payment of Construction permit	
Service Details		
Is secure?	No	
Has presentment?	Yes	
Has post payload?	Yes	
serviceId	Test serviceid	6089
	Prod serviceid	----
Service Presentment Details		
Validates bill details prior to payment		
payload	key	Description
	Stage	Presentment
	InvoiceNumber	Invoice number to settle
	PaymentTypeID	Mode of payment, should be 1 for Cash
	PhoneNumber	Payer phone number
	PaidBy	Person paying
	{ "Stage":"presentment", "InvoiceNumber":"INV-17152", "PaymentTypeID":"1", "PaidBy":"Joe Doe",	

	"PhoneNumber":"0712233445" }	
Response	Key	Value
	TransactionID	Transaction ID to pay against
	InvoiceDate	Invoice Date
	FullNames	Names associated with the invoice
	PhoneNumber	Phone Number
	InvoiceStatus	Invoice status – ONLY proceed when the status is pending
	{ "BankName":null, "Email":"mk297@hotmail.com", "Narration":null, "Commission":0, "Tendered":0, "TransactionID":"1013676", "Names":null, "SourceIP":null, "InvoiceNumber":"INV-21250", "InvoiceDate":"2017-10-02 00:00:00", "ID":"88f78aed-0990-e811-9450-7427ea2f7f59", "BranchName":null, "FullNames":"KENNEDY RASUGU OROKO ", "ReceiptNumber":null, "TransactionDate":null, "LocalReceiptNumber":null, "ReferenceNumber":null, "Amount":227000, "PaidBy":"User", "MerchantID":"NCC", "Pin":null, "PhoneNumber":"254728011234", "PaymentDetails":null, "UserPhoneNumber":"0720252944", "PaymentTypeID":1, "InvoiceStatus":"pending", "Payee":null }	
	Service Request Details	
Payload	Key	Description
	TransactionId	Transaction Id returned in presentment
	{ "TransactionId": "00001" }	

Callback Details		
billerResponse	Sample data	RECEIPT_NUMBER: 000000000001

12. Nairobi County Liquor – Permit

Service Name	Nairobi County Liquor- Permit	
Service Description	This is the process for payment of liquor licence bills.	
Service Details		
Is secure?	No	
Has presentment?	Yes	
Has post payload?	Yes	
serviceId	Test serviceid	----
	Prod serviceid	----
Service Presentment Details		
Validates bill details prior to payment		
payload	key	Description
	Stage	Presentment
	PhoneNumber	Customer Phone number
	Date	Date paid
	LicenceNumber	Invoice number to settle
	PaymentTypeID	Mode of payment, should be 1 for Cash
	{ "Stage":"presentment", "Date":"2018-07-07", "LicenceNumber":"LID 00102", "PhoneNumber":"0720000000", "PaymentTypeID":"1" }	
	Response	Key
	TransactionID	Transaction ID to pay against
	Names	Name of the premise
	FullNames	Names associated with the invoice
	BusinessID	Business ID
	LicenceName	Name of the Licence
	LicenceDate	Date when the licence was issues
	EndDate	Licence expiry date

LicenceSchedules[Array]	Schedules under which the organization operates
FullNames	Customer Full Names
Paid	Boolean – Whether the licence is paid or not
StartDate	Licence start date
<pre>{ "BankName":null, "Schedules":null, "LicenseDate":"2017-09-29T00:00:00", "Email":"email1@email.com", "LicenseNumber":"LID 00102", "Narration":null, "Commission":0, "Paid":false, "ApplicantAddress":"This address", "Tendered":0, "LicenseType":"Temporary", "TransactionID":"1013662", "Names":null, "StartDate":"2014-11-29T00:00:00", "SourceIP":null, "ID":"55cc77be-458f-e811-9450-7427ea2f7f59", "BranchName":null, "FullNames":"Business 1", "ReceiptNumber":null, "TransactionDate":null, "LocalReceiptNumber":null, "ReferenceNumber":null, "Amount":1000, "PaidBy":null, "PhysicalAddress":"This address", "MerchantID":"NCC", "EndDate":"2014-12-03T00:00:00", "Date":"2018-07-23T00:00:00", "LicenseID":799, "LicenseSchedules":[{ "Schedule":"Refer to application - Refer to application" }], "PhoneNumber":"254720000000", "LicenseReceiptNumber":"69068", "PaymentDetails":null, "UserPhoneNumber":"254722123456", "PaymentTypeID":1, }</pre>	

	<pre>"LicenseName":"Temporary/ Occasional", "Payee":null, "BusinessID":5618373, "Postal":"This address" }</pre>	
Service Request Details		
Payload	Key	Description
	TransactionId	Transaction Id returned in presentment
	{ "TransactionId": "00001" }	
Callback Details		
billerResponse	Sample data	RECEIPT_NUMBER: 000000000001

13. Nairobi County Miscellaneous

Service Name	Nairobi County Miscellaneous	
Service Description	This is the payment stream the uncategorized revenues in the county. One has to first get a bill from the county before paying against it	
Service Details		
Is secure?	No	
Has presentment?	Yes	
Has post payload?	Yes	
serviceId	Test serviceid	1018
	Prod serviceid	1018
Service Presentment Details		
payload	key	Description
	Stage	Presentment stage – Always presentment
	PhoneNumber	Customer phone number
	BillNumber	Unique Bill reference number gotten from county
	PaymentTypeID	Payment mode – Always 1 to indicate cash
	{ "Stage":"presentment", "PhoneNumber":"0722111222", "BillNumber":"MS1404-05539", "PaymentTypeID":"1" }	
Response	key	Description
	TransactionID	Unique transaction reference number
	Names	Customer names
	BillDetail	Bill description

	BillStatus	States whether the bill is paid or unpaid
	Issuedate	Bill issue date
	BillNumber	Unique bill reference number issued from county
	BillPayer	Customer details
	Amount	Transactional amount
	{ "Names": null, "Amount": 7500, "BillDetail": "181499-523", "BillStatus": "New", "Issuedate": "2014-04-08T15:08:07.77", "BillNumber": "MS1404-05539", "TransactionID": "75255", "BillPayer": "KHAGULI,ROSE SHAMBULA" }	
Service Request Details		
accountno	Value	Bill Number
	Description	Bill Number that will be paid
payload	key	Description
	TransactionId	TransactionId returned during presentment
	{"TransactionId":"00001"}	
Callback Details		
billerResponse	Sample data	RECEIPT_NUMBER: 000000000001

14. Nairobi County Daily Parking

Service Name	Nairobi Count Daily Parking	
Service Description	Service is used to pay Nairobi county parking on daily basis To fully pay, has 3 processes <ul style="list-style-type: none">- Get bills and charges- Bill presentments- Final commit or pay	
Service Details		
Is secure?	No	
Has presentment?	Yes	
Has post payload?	Yes	
serviceid	Test serviceid	1013
	Prod serviceid	1013
Get Fees and charges		
payload	key	Description
	Stage	fees – Always
	{ "Stage":"fees"	

		}	
Response		key	Description
	ParkingFees (Array)	ID	Unique transaction reference number
		Name	Name of fee and/or zone
		IncomeTypeID	Classification of cost
		UnitCost	Cost of charge
	Parking Zones(Array)	ID	Unique ID for parking zones
		Name	Name of the parking zone
		{ "PaymentTypes":[{ "UnitCost":0, "IncomeTypeID":0, "ID":10, "Name":"PRIVATE" }, { "UnitCost":0, "IncomeTypeID":0, "ID":11, "Name":"PICKUPS" }], "ParkingZones":[{ "ID":10, "Name":"CBD" }, { "ID":11, "Name":"WESTLANDS" }], "ParkingDurations":null }	
Presentment Request Details			
Payload		Key	Description
		Stage	Presentment – should be presentment
		PhoneNumber	Customer phone number
		PlateNumber	Car registration Number e.g. KDF888W

	ZoneCodeID	Unique Id describing parking zone
	ChargeID	Unique Id describing parking charges
	PaymentTypeID	Id describing payment type, always 1 to depict cash
	<pre>{ "Stage":"presentment", "PhoneNumber":"0722111222", "PlateNumber":"KCF998W", "ZoneCodeID":"10", "ChargeID":"10", "PaymentTypeID":"1" }</pre>	
Response	Key	Description
	TransactionID	Transaction id
	Names	Customer names
	Amount	Amount to be paid
	PhoneNumber	Customer phone number
	ParkingType	Parking type
	VehicleType	VehicleType
	Zone	Zone the vehicle was parked
	<pre>{ "ZoneCodeID":10, "BankName":null, "ExpiryDate":null, "Narration":null, "Commission":0, "Tendered":0, "TransactionID":"75922", "StartDate":null, "Names":null, "ZoneName":null, "SourceIP":null, "ID":"de2fac4b-583d-e711-9437-7427ea2f7f59", "BranchName":null, "ChargeID":10, "ReceiptNumber":null, "TransactionDate":null, "PlateNumber":"KCF998W", "LocalReceiptNumber":null, "ReferenceNumber":null, "Amount":300, "DurationDescription":null, "PaidBy":null, "ChargeName":null, "MerchantID":"NCC", }</pre>	

	<div>"EndDate":null, "DurationID":1, "PhoneNumber":"254722111222", "PaymentDetails":null, "PaymentTypeID":1, "Payee":null, "IsDaily":true }</div>	
Service Request Details		
accountno	value	Plate number
	description	Vehicle plate number
payload	key	Description
	TransactionId	TransactionId returned during presentment
	{ "TransactionId": "00001" }	
Callback details		
billerResponse	Sample Data	RECEIPT_NUMBER:000000000001

10. Nairobi county Seasonal parking

Service Name		Nairobi Count Seasonal Parking	
Service Description		Service is used to pay Nairobi county parking on seasonal basis i.e 1 month, 3 months To fully pay, has 3 processes <ul style="list-style-type: none">- Get bills and charges- Bill presentments- Final commit or pay	
Service Details			
Is secure?		No	
Has presentment?		Yes	
Has post payload?		Yes	
serviceId		Test serviceid	1014
		Prod serviceid	1014
Get Fees and charges			
payload		key	Description
		Stage	fees – Always
		{ "Stage": "fees" }	
Response		key	Description
	ParkingFees (Array)	ID	Unique transaction reference number
		Name	Name of fee and/or zone

		IncomeTypeID	Classification of cost
		UnitCost	Cost of charge
	Parking Zones(Array)	ID	Unique ID for parking zones
		Name	Name of the parking zone
		{ "PaymentTypes":[{ "UnitCost":0, "IncomeTypeID":0, "ID":10, "Name":"PRIVATE" }, { "UnitCost":0, "IncomeTypeID":0, "ID":11, "Name":"PICKUPS" }], "ParkingZones":[{ "ID":10, "Name":"CBD" }, { "ID":11, "Name":"WESTLANDS" }], "ParkingDurations":null }	

Presentment Request Details		
Payload	Key	Description
	Stage	Presentment – should be presentment
	PhoneNumber	Customer phone number
	PlateNumber	Car registration Number e.g. KDF888W
	ZoneCodeID	Unique Id describing parking zone
	ChargeID	Unique Id describing parking charges
	PaymentTypeID	Id describing payment type, always 1 to depict cash

	DurationID	Unique id describing the parking duration 1 - Refers to 1 month payment 3 - Refers to 3 months payment 6 - 6 months..
	<pre>{ "Stage":"presentment", "PhoneNumber":"0722111222", "PlateNumber":"KCF998W", "ZoneCodeID":"10", "ChargeID":"10", "PaymentTypeID":"1", "DurationID":"1" }</pre>	
Response	Key	Description
	TransactionID	Transaction id
	Names	Customer names
	Amount	Amount to be paid
	PhoneNumber	Customer phone number
	ParkingType	Parking type
	VehicleType	VehicleType
	Zone	Zone the vehicle was parked
	<pre>{ "ZoneCodeID":10, "BankName":null, "ExpiryDate":null, "Narration":null, "Commission":0, "Tendered":0, "TransactionID":"75925", "StartDate":null, "Names":null, "ZoneName":null, "SourceIP":null, "ID":"5fb3f702-5b3d-e711-9437-7427ea2f7f59", "BranchName":null, "ChargeID":10, "ReceiptNumber":null, "TransactionDate":null, "PlateNumber":"KCF998", "LocalReceiptNumber":null, "ReferenceNumber":null, "Amount":5000, "DurationDescription":null, }</pre>	

	<div>"PaidBy":null, "ChargeName":null, "MerchantID":"NCC", "EndDate":null, "Pin":null, "DurationID":1, "PhoneNumber":"254712633277", "PaymentDetails":null, "PaymentTypeID":1, "Payee":null, "IsDaily":false }</div>	
Service Request Details		
accountno	value	Plate number
	description	Vehicle plate number
payload	key	Description
	TransactionId	TransactionId returned during presentment
	{ "TransactionId": "00001" }	
Callback details		
billerResponse	Sample Data	RECEIPT_NUMBER:000000000001

11. DSTV Kenya

Service Name	DSTV Kenya	
Service Description	Pay DSTV Kenya	
Service Details		
Is secure?	No	
Has presentment?	Yes	
Has post payload?	No	
serviceId	Test serviceid	4044
	Prod serviceid	2031
Service Presentment Details		
Validates smart card number with the names		
payload	key	Description
	SmartcardNumber	DSTV Smartcard number
	{"SmartcardNumber":"11111"}	
Response	{ "AccountID":"11111", "DueAmount":"502.50", "DueDate":"2017-11-08", "Name":"Kelvin" }	

	Key	Description
	AccountID	DSTV smart card number
	DueAmount	Amount that should be paid – Pay the exert amount
	DueDate	Date that is due
	Name	DSTV account holders name
Service Request Details		
accountno	Value	SmartcardNumber
	Description	DSTV Smart card number
Callback Details		
billerResponse	Sample data	RECEIPT_NUMBER:000000000001

12. GO TV

Service Name	GO TV	
Service Description	Pay GO TV	
Service Details		
Is secure?	No	
Has presentment?	Yes	
Has post payload?	No	
serviceId	Test serviceid	4048
	Prod serviceid	2032
Service Presentment Details		
Validates smart card number number with the names		
payload	key	Description
	SmartcardNumber	GOTV Smartcard number
	{ "SmartcardNumber": "11111" }	
Response	{ "AccountID": "11111", "DueAmount": "502.50", "DueDate": "2017-11-08", "Name": "Kelvin" }	
	Key	Description
	AccountID	GOTV smart card number
	DueAmount	Amount that should be paid – Pay the exert amount
	DueDate	Date that is due
	Name	GOTV account holders name
Service Request Details		
accountno	Value	SmartcardNumber

	Description	GOTV Smart card number
Callback Details		
billResponse	Sample data	RECEIPT_NUMBER:000000000001

12. Access Kenya

Service Name	Access Kenya	
Service Description	Access Kenya internet providers payment	
Service Details		
Is secure?	No	
Has presentment?	No	
Has post payload?	No	
serviceId	Test serviceId	4054
	Prod serviceId	2036
Service Request Details		
accountno	Value	Billing Reference Number
	Description	Payment bill reference number
Callback Details		
billerResponse	Sample data	RECEIPT_NUMBER:000000000001

13. ZUKU TV

Service Name	Zuku TV	
Service Description	Zuku pay TV payment	
Service Details		
Is secure?	No	
Has presentment?	No	
Has post payload?	No	
serviceId	Test serviceId	4049
	Prod serviceId	2033
Service Request Details		
accountno	Value	Billing Reference Number / Smart card number
	Description	Account to pay
Callback Details		
billerResponse	Sample data	RECEIPT_NUMBER:000000000001

14. ZUKU Internet

Service Name	Zuku Internet	
Service Description	Zuku Internet provision payment	
Service Details		
Is secure?	No	
Has presentment?	No	
Has post payload?	No	
serviceId	Test serviceId	4056
	Prod serviceId	2034
Service Request Details		
accountno	Value	Billing Reference Number
	Description	Account to pay
Callback Details		
billerResponse	Sample data	RECEIPT_NUMBER:000000000001

15. JAMII Telkom

Service Name	JAMII TELKOM	
Service Description	Jamii Telkom internet providers	
Service Details		
Is secure?	No	
Has presentment?	No	
Has post payload?	No	
serviceId	Test serviceid	5058
	Prod serviceid	2035
Service Request Details		
accountno	Value	Billing Reference Number / Smart card number
	Description	Account to pay
Callback Details		
billerResponse	Sample data	RECEIPT_NUMBER:000000000001

16. STARTTIMES

Service Name	STARTTIMES
Service Description	STARTTIMES pay TV payment
Service Details	
Is secure?	No
Has presentment?	No

Has post payload?	No	
serviceid	Test serviceid	5064
	Prod serviceid	2039
Service Request Details		
accountno	Value	Billing Reference Number / Smart card number
	Description	Account to pay
Callback Details		
billerResponse	Sample data	RECEIPT_NUMBER:000000000001

17. Botswana DSTV

Service Name	Botswana DSTV	
Service Description	Botswana DSTV payment	
Service Details		
Is secure?	No	
Has presentment?	No	
Has post payload?	No	
currency	BWP	
serviceid	Test serviceid	1007
	Prod serviceid	1007
Service Request Details		
accountno	Value	Billing Reference Number / Smart card number
	Description	Account to pay
Callback Details		
billerResponse	Sample data	RECEIPT_NUMBER:000000000001

18. Botswana MASCOM

Service Name	Botswana MASCOM	
Service Description	Botswana MASCOM Airtime purchase	
Service Details		
Is secure?	No	
Has presentment?	No	
Has post payload?	No	
currency	BWP	
serviceid	Test serviceid	4051
	Prod serviceid	1023
Service Request Details		
accountno	Value	Phone Number

	Description	Phone number to top up
Callback Details		
billerResponse	Sample data	RECEIPT_NUMBER:000000000001

19. Botswana BEMOBILE

Service Name	Botwana BEMOBILE	
Service Description	Botswana BEMOBILE Airtime purchase	
Service Details		
Is secure?	No	
Has presentment?	No	
Has post payload?	No	
serviceId	Test serviceid	4052
	Prod serviceid	1025
Service Request Details		
accountno	Value	Phone Number
	Description	Phone number to top up
Callback Details		
billerResponse	Sample data	RECEIPT_NUMBER:000000000001

20. Botswana Orange

Service Name	Botwana Orange	
Service Description	Botswana Orange Airtime purchase	
Service Details		
Is secure?	No	
Has presentment?	No	
Has post payload?	No	
serviceId	Test serviceid	4053
	Prod serviceid	2040
Service Request Details		
accountno	Value	Phone Number
	Description	Phone number to top up
Callback Details		
billerResponse	Sample data	RECEIPT_NUMBER:000000000001

21. Botswana Qmuzik

Service Name	Botswana Qmuzik	
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Service Description	Botswana Qmizik Airtime purchase	
Service Details		
Is secure?	No	
Has presentment?	No	
Has post payload?	No	
currency	BWP	
serviceId	Test serviceId	4058
	Prod serviceId	2041
Service Request Details		
accountNo	Value	Electricity meter number
	Description	Electricity meter number you intend to pay Electricity
Callback Details		
billerResponse	Sample data	RECEIPT_NUMBER:000000000001

22. Ghana DSTV

Service Name	Ghana DSTV	
Service Description	Ghana DSTV payment	
Service Details		
Is secure?	No	
Has presentment?	No	
Has post payload?	No	
currency	GHS	
serviceId	Test serviceId	6080
	Prod serviceId	-
Service Request Details		
accountNo	Value	DSTV meter number
	Description	DSTV meter number
Callback Details		
billerResponse	Sample data	RECEIPT_NUMBER:000000000001

23. Ghana GOTV

Service Name	Ghana GoTV
Service Description	Ghana GoTV payment
Service Details	
Is secure?	No
Has presentment?	No
Has post payload?	No

currency	GHS	
serviceid	Test serviceid	6081
	Prod serviceid	-
Service Request Details		
accountno	Value	GoTV account number
	Description	GoTV account number
Callback Details		
billerResponse	Sample data	RECEIPT_NUMBER:0000000000001

24. Ghana Kwese TV

Service Name	Ghana Kwese TV	
Service Description	Ghana Kwese TV payment	
Service Details		
Is secure?	No	
Has presentment?	No	
Has post payload?	No	
currency	GHS	
serviceid	Test serviceid	6082
	Prod serviceid	-
Service Request Details		
accountno	Value	Kwese TV account number
	Description	Kwese TV meter number
Callback Details		
billerResponse	Sample data	RECEIPT_NUMBER:000000000001

25. Ghana ECG

Service Name	Ghana ECG TV	
Service Description	Ghana Electricity Company bill payment	
Service Details		
Is secure?	No	
Has presentment?	No	
Has post payload?	No	
currency	GHS	
serviceid	Test serviceid	6083
	Prod serviceid	-
Service Request Details		
accountno	Value	ECG meter number

	Description	ECG meter number
Callback Details		
billerResponse	Sample data	RECEIPT_NUMBER:0000000000001

26. Ghana MTN

Service Name	Ghana MTN	
Service Description	Ghana MTN top up	
Service Details		
Is secure?	No	
Has presentment?	No	
Has post payload?	No	
currency	GHS	
serviceId	Test serviceid	6084
	Prod serviceid	-
Service Request Details		
accountno	Value	MTN MSISDN number
	Description	MTN MSSDN number
Callback Details		
billerResponse	Sample data	RECEIPT_NUMBER:000000000001

27. Ghana Vodafone

Service Name	Ghana Vodafone	
Service Description	Ghana Vodafone top up	
Service Details		
Is secure?	No	
Has presentment?	No	
Has post payload?	No	
currency	GHS	
serviceId	Test serviceid	6085
	Prod serviceid	-
Service Request Details		
accountno	Value	Vodafone MSISDN number
	Description	Vodafone MSSDN number
Callback Details		
billerResponse	Sample data	RECEIPT_NUMBER:000000000001

28. Ghana TIGO

Service Name	Ghana TIGO	
Service Description	Ghana TIGO top up	
Service Details		
Is secure?	No	
Has presentment?	No	
Has post payload?	No	
currency	GHS	
serviceId	Test serviceId	6086
	Prod serviceId	-
Service Request Details		
accountNo	Value	TIGO MSISDN number
	Description	TIGO MSSDN number
Callback Details		
billerResponse	Sample data	RECEIPT_NUMBER:000000000001

29. Ghana Airtel

Service Name	Ghana Airtel	
Service Description	Ghana Airtel top up	
Service Details		
Is secure?	No	
Has presentment?	No	
Has post payload?	No	
currency	GHS	
serviceId	Test serviceId	6087
	Prod serviceId	-
Service Request Details		
accountNo	Value	TIGO MSISDN number
	Description	TIGO MSSDN number
Callback Details		
billerResponse	Sample data	RECEIPT_NUMBER:000000000001

30. Ghana GLO

Service Name	Ghana GLO
Service Description	Ghana GLO top up
Service Details	
Is secure?	No

Has presentment?	No	
Has post payload?	No	
currency	GHS	
serviceId	Test serviceid	6088
	Prod serviceid	-
Service Request Details		
accountno	Value	GLO MSISDN number
	Description	GLO MSSDN number
Callback Details		
billerResponse	Sample data	RECEIPT_NUMBER:000000000001