

Mobile Money Payments API Documentation

by
Click Mobile Ltd

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Framework

Client application sends a transaction request to Click Mobile API to initiate a mobile money payment.

Click Mobile API then communicates with the Mobile Network to send the USSD prompt to the payer's phone.

All successful transactions will be logged, and provisions made for client to retrieve them.

Main endpoints

- Payment Prompt
- Transaction Enquiry

Parameters Overview

Parameter	Type	Comments
product_name	String	Required e.g. general payments
phone	Numeric	Required e.g. 265XXXXXXXX
amount	Numeric	Required e.g. 50 (minimum)
refID	Alphanumeric	Required ID from Client Application e.g. ABC5021784QA (not more than 20 characters)

Request Format

Requirement	Description
Endpoint	URL for the required resource
Content Type	Supported content HTTP content type. Content-Type: application/json
Authorization	The operation requires an API key to be specified as part of HTTP header: Authorization: Bearer <<API Key>> The API key will be shared via email
Data Interchange Format	JSON
HTTP Method	POST

Sample Request Headers

Authorization: Bearer <<api key>>, Content-Type: application/json

Sample Response (Invalid API KEY)

```
{  
  "status": "fail",  
  "message": "Unauthorised Access"  
}
```

Request Samples for main endpoints

1. Payment Prompt

Endpoint : `http://<IP Address>/clickPay/app/collect.php`

Sample Request :

```
{  
  "msisdn" : "265996139030",  
  "amount" : "50",  
  "refID" : "23432223232",  
  "product_name" : "seedco"  
}
```

Response :

Success

```
{  
  "status": "success",  
  "message": "Request successfully submitted"  
  "request_id": "abc134"  
}
```

Invalid Parameter(s)

```
{  
  "status": "fail",  
  "message": "Parameter(s) not in the right format : msisdn, amount, product_name"  
}
```

Duplicate RefID

```
{  
  "status": "fail",  
  "message": "Reference ID already used"  
}
```

2. Transaction Enquiry

Endpoint : `http://<<IP Address>>/ clickPay /app/enquiry.php?refID=12345`

Response (success)

```
{  
  "status": "success",  
  "refID": "12334",  
  "message": "transaction was successful"  
}
```

HTTP Status Codes

CODE	DESCRIPTION
200	OK
400	Bad Request
401	Unauthorized Access