MC USSD GATEWAY API version 1.0

INTRODUCTION

This document is to introduce you to the general operation of the USSD Gateway, there are 3 APIs available.

1. **USSDserviceClientAccountCheck**
2. **USSDserviceClientRegisterEndpoint**
3. **USSDserviceClientResponse**

1.0 USSDserviceClientAccountCheck

After the creation of your USSD code, this API can be called to check the status of your USSD service, since inactive USSD codes will be automatically deactivated after a given period of time it is advisable to check the status of your USSD code if you notice a down time with your service

HOW TO USE:

You are to make a **POST** request   to the below API with these parameters.

http://52.214.1.251/m/index.php/MccUSSDReception/USSDserviceClientAccountCheck

service_token : your token * mandatory

ussd_code : your USSD Code. * mandatory

An example of how this will look like when making the request is as below
http://52.214.1.251/m/index.php/MccUSSDReception/USSDserviceClientResponse?service_token=your_token&ussd_code=your_ussdcode

Available Response code

200 = Active account {operational}

204 = Inactive Account {disabled}

400 = bad request {request should be a post}

402 = No post vals {check your token && or USSD code}

2.0 USSDserviceClientRegisterEndpoint

A call to the USSDserviceClientRegisterEndpoint can be made to register your endpoint, registration of your endpoint is to notify the MC USSD Gateway that all request coming in to your USSD code be routed to same as declared using the API.

HOW TO USE:

You are to make a **POST** request to the below API with these parameters.

http://52.214.1.251/m/index.php/MccUSSDReception/USSDserviceClientRegisterEndpoint

service_token = your token as provided * mandatory

ussd_code = your USSD code * mandatory

endpoint = your endpoint * mandatory eg. (http://myendpoint.com/folder/myscript/) or

http://my_ip/folder/myscript

welcome_message optional

An example of how this will look like when making the request is as below

http://52.214.1.251/m/index.php/MccUSSDReception/USSDserviceClientResponse?service_token=your_token&ussd_code=your_ussdcode&endpoint=your_endpoint

 Available Response code

200 = your endpoint is set and ready to receive traffic. {Endpoint set}

204 = Inactive Account {disabled}

400 = bad request {request should be a post}

402 = No post vals {check your token && or USSD code}

Please Note: as soon as you get a response code **200** this means your endpoint is set as such each and every request coming in to your USSD code will be routed to the endpoint provided

You are to process this request and send a response to MC USSD Gateway using USSDserviceClientResponse {covered in section 3.0}

3.0 USSDserviceClientResponse

This API sends to MC USSD Gateway the response that is to be displayed to the user as such, after processing a user request, each and every response should be forwarded with a **POST** to

http://52.214.1.251/m/index.php/MccUSSDReception/USSDserviceClientResponse

With the parameters below.

ussd_code   =   your ussd code

response_message = the response message to be displayed to the user

mobile_number = the users mobile number

An example of how your **POST** response to the MC USSD Gateway will look is as below.

http://52.214.1.251/m/index.php/MccUSSDReception/USSDserviceClientResponse?ussd_code=your_ussdcode&response_message=response_message_to_user&mobile_number=user_number

Available Response code

`200` = MC USSD Gateway received your data {successfully posted}

`204` = MC USSD Gateway could not receive your data {Error}

`400` = bad request {request should be a post}

IMPORTANT NOTE

While posting your request please note that it is important to NEVER include the '**#**' while posting your USSD code to any of the APIs available see below.

`INVALID ➜` *244*1#

`VALID ➜` *244*1