

Integration Center Third Party API documentation

OVERVIEW

This document is intended to list and explain the use of APIs given out to third parties for integration with Integration Center services.

The services can be accessed via the URL formatted as follows:

<https://IP:Port/api/fusion/apiKey>

An API key is generated after third party is provisioned on the platform.

The API key, IP and Port would be provided at the point of integration.

All parameters described are to be sent via POST and the data type should be "String".

API DETAILS

Credit wallet

This method is used to credit a customer's wallet.

For this service the party has to wait for the crediting to be complete and receive the result.

| Parameters | Description | Required | Value |
|------------|--|----------|---------------------|
| kuwaita | API string | Yes | mikopo |
| amount | Transaction amount (up to 2dp else would be rounded off to 2dp). | Yes | - |
| mno | Mobile network operator | Yes | MTN AIRTEL TIGO |
| refID | Third party transaction ID | Yes | - |
| msisdh | The wallet to credit | Yes | - |

Debit wallet

This method is used to debit a customer's wallet.

For this service the party would not have to wait for the result. Once the request is sent, it would be validated and a reply would be sent with a meta data ID that will be used for reference. Once debit operation is complete the party will be contacted with the reference and the result of the transaction.

In case the debit was successful the party needs to send a reply to the service about the status of the crediting operation carried out at their end.

| Parameters | Description | Required | Value |
|------------|--|----------|---------------------|
| kuwaita | API string | Yes | malipo |
| amount | Transaction amount (up to 2dp else would be rounded off to 2dp). | Yes | - |
| mno | Recipient's financial institution | Yes | MTN AIRTEL TIGO |
| msisdn | The wallet to debit | Yes | - |

NOTE: The third party has to provide an API for notifications to be sent after the customer's wallet is debited. When the notification is sent over this API, the third party has to perform the credit and send the result of the credit as the result of the notification so that if the credit was successful the transaction ends if not a reversal is triggered.

The specification for the API should include a URL, HTTP METHOD to be used (POST/GET), data format (JSON/text/XML) and attribute names to be used.

The specification should also provide responses that the system should expect. This should include time out on operations as well and what to expect when the system is unavailable.

APPENDIX

Return messages and codes

The API will always return a JSON Object containing a response code and message

Credit Wallet

code msg

00 meta data ID to be used as reference for the crediting operation

01 reason for failure

02 error message



Debit wallet

code msg

00 meta data ID to be used as reference for the debiting operation

01 reason for failures

02 error message