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| MOOV MOBILE MONEY TRANSACTION  API Document |
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**1. CONTEXT**

Digital Afrique Telecom is a company specializing in the development and integration of IT and telephone solutions. DAT offers continental expertise in the development, hosting and administration of solutions of Mobile Payment, Web, SMS, USSD, Call and Mobile Application.

DIGIPAY is a DAT solution, it is a reference platform for multi-channel payments.

The DIGIPAY API provides a web service based on the REST web communication protocol and by redirection. It allows interaction and exchange between two heterogeneous systems.

This protocol makes it easier to request payment and confirm payment.

It also provides a URL that allows via the HTTP (s) protocol to ensure the payment process.

For its partnership with Atlantic Telecom Côte d'Ivoire, it provides Api to facilitate integration with telecom operators in the Operation of the Moov Money project with the Banks.

**INTRODUCTION**

The purpose of this Programmer's Guide is to describe how to integrate MoovMoney Solution with our secure DIGIPAY payment platform to perform traditional operations with partner banks via HyperText Transfer Protocol via Secure Socket Layer or HTTPS.

This is to allow MoovMoney subscribers and the various partner banks to make transactions between their different accounts.  
How to realize the transaction between Moov Money and the banks.

This API concerns the following services:

**-Wallet to Accourt (PUSH)**

Transfer of money from the Moov Money account to the bank account via the DAT API

The customer's Moov Money account is debited and the Bank's internal account is credited

**-Accourt to Wallet (Pull)**

Transfer of money from the bank account to the Moov Money account via the DAT API

The bank's internal account is debited and the customer's Moov Money account is credited

**- Retrait Cardless**

Transfer of money from the Moov Money account to the bank account via the DAT API, after the generation a withdrawal code from the USSD menu of Moov

**2. API REQUEST**

**2.1 sendRequestTransaction**

To transmit a transaction (Pull / Push).

2.1.2 Input Parameters

- URL = https://IP:Port/initransact/

- Request Type = POST

|  |  |  |
| --- | --- | --- |
| Parameters | Type | Description |
| transactionNumber | String | Numéro de transaction |
| SouscrId | Long | Code de souscription |
| transactionTypeId | Integer | Type de transaction |
| numcpte | String | Numéro de compte ou alias |
| amount | Double | Montant de transaction |
| fees | Double | Frais de transaction |
| bank | String | Code banque |

2.1.3 Output Parameters

|  |  |  |
| --- | --- | --- |
| Parameters | Type | Description |
| statut | integer | Code de response |
| message | String | Message de response |
| data | String / JSON String | Format json |

2.1.4 Status Information

|  |  |
| --- | --- |
| Status | Description |
| 0 | Succes |
| 1 | Transaction non transmis |

**2.2 SendRequestTransactionCARDLESS**

To forward a transaction to moov money

2.2.1 Input Parameters

- URL =’ provided by the partner’ /cardlesstransact/

- Request Type = POST

|  |  |  |
| --- | --- | --- |
| Parameters | Type | Description |
| transactionReference | String | Numéro de transaction |
| SouscrId | Long | Code de souscription |
| transactionTypeId | Integer | Type de transaction |
| numcpte | String | Numéro de compte ou alias |
| amount | Double | Montant de transaction |
| fees | Double | Frais de transaction |
| bank | String | Code banque |

2.2.3 Output Parameters

|  |  |  |
| --- | --- | --- |
| Parameters | Type | Description |
| statut | integer | Code de response |
| message | String | Message de response |
| data | String / JSON String | Format json |

2.2.4 Status Information

|  |  |
| --- | --- |
| Status | Description |
| 0 | succes |
| 1 | Transaction non transmis |

**2.3. CALL BACK**

To receive the response from the transaction

2.3.1 Input Parameters

- URL =’ provided by the partner’ /moovbank/callback

- Request Type = POST

|  |  |  |
| --- | --- | --- |
| Parameters | Type | Description |
| status | Integer | Code de reponse |
| transactionNumber | Long | Numéro de transaction |

2.3.2 Status Information

|  |  |
| --- | --- |
| Status | Description |
| 99 | Other errors |
| 100 | success |