INTOUCH GROUP

DIRECTION TECHNIQUE

Subject of the document

Documentation Orange money Merchant Payment English version

INFORMATION ABOUT THHE DOCUMENT			
Version	Date	Changes	Author
0.0.01	24/01/2022	N/A	Intouch

The following API allows you to start an Orange Money payment request.

The payload must be in the JSON format, as described below.

REQUEST

- **METHOD** : PUT
- URL :https://api.gutouch.com/dist/api/touchpayapi/v1/agency_code/transaction?loginAgent=XXX&passwordAgent=XXX

At the URL you have these fields

- agency_code : Distributor ID provided by Intouch
- LoginAgent : ID assigned to the partner
- passwordAgent : password assigned to the partner

AUTHENTIFICATION

- TYPE : Digest
- Login : The partner loginAgent (provided by Intouch)
- Password : The passwordAgent (provided by Intouch)

BODY

{

"idFromClient": "47854111126445654654",

"additionnalInfos": {

"recipientEmail": "mamadou.diouf@intouchgroup.net",

"recipientFirstName": "Mamadou",

"recipientLastName": "DIOUF",

"destinataire": "0802243521",

"otp": "5654"

},

"amount": 100,

"callback": "https://your_callback_url",

"recipientNumber": "0802243521",

"serviceCode": "PAIEMENTMARCHANDOMPAYCIDIRECT"

}

In terms of elements in the JSON:

- partner_id : pixi code provided by Intouch
- idFromClient : unique identifier
- recipientEmail : customer's email
- recipientFirstName : customer's firt name
- recipientLastName : customer's last name
- amount : transaction amount
- Callback_url : partner's callback url
- recipientNumber = destinataire : customer's phone number
- otp : the customer have to dial #144*82#, then his secret code to generate a temporary access code
- serviceCode : ID of the service provided by Intouch

EXAMPLE


```json
{
    "idFromClient": "4785411452141SD12115654654",
    "additionnalInfos": {
        "recipientEmail": "mamadou.diouf@intouchgroup.net",
        "recipientFirstName": "Mamadou",
        "recipientLastName": "DIOUF",
        "destinataire": "0709943521",
        "otp": "7822"
    },
    "amount": 120,
    "callback": "https://e870adf3.ngrok.io",
    "recipientNumber": "0709943521",
    "serviceCode": "PAIEMENTMARCHANDOMPAYCIDIRECT"
}
```

```json
{
    "idFromClient": "4785411452141SD12115654654",
    "idFromGU": "1643022917309",
    "amount": 120.0,
    "fees": 2.4,
    "serviceCode": "PAIEMENTMARCHANDOMPAYCIDIRECT",
    "recipientNumber": "0709943521",
    "dateTime": 1643022917309,
    "status": "SUCCESSFUL",
    "numTransaction": "MP220124.1115.B86122",
    "payment_url": null,
    "codeMarchand": null
}
```

RESPONSE BODY

{

"idFromClient": "4785411452141SD12115654654",

"idFromGU": "1643022917309",

"amount": 120.0,

"fees": 2.4,

"serviceCode": "PAIEMENTMARCHANDOMPAYCIDIRECT",

"recipientNumber": "0709943521",

"dateTime": 1643022917309,

"status": "SUCCESSFUL",

"numTransaction": "MP220124.1115.B86122",

"payment_url": null,

"codeMarchand": null

}

Description of the elements in the JSON

- idFromClient: Your unique ID transaction
- amount: transaction amount
- fees: transaction fees
- serviceCode: the partner service using in our side (PAIEMENTMARCHANDOMPAYCIDIRECT in this case)
- recipientNumber: customer's phone number
- dateTime: transaction date (in datetime format)
- status : transaction status,
- numTransaction: transaction on the partner side (Orange Money)

When the http response code is 200, you will receive the following values in the status field

- **PENDING** or **INITIATED** : the transaction is initiated in our system, you will receive the   final status in the callback (asynchronous)
- **SUCCESSFUL**   : the transaction is initiated and validated in our system (synchronous)

ERROR CODE

HTTP status code

- 401 Unauthorized
- 403   Forbiden
- 400   Bad request
- 404   Not Found

API Response

- Status : « FAILED »

EXAMPLE

When the http response code is 300 also you have to consider the transaction **FAILED.**

EXAMPLE

CAUTION: A transaction whose response is not supported in this document must be saved in your system with a special status for manual reconciliation.

The client whose response status to the request is «PENDING or INITIATED » will receive the final status of the transaction via the callback_url.

CALLBACK OPERATION

Successful exit from the payment tunnel does not mean that the payment is complete and received. Indeed, some payments are asynchronous and end outside the payment tunnel. An endpoint url to receive notification of the end of the payment is required. The final result of a transaction (failure or success) will then be sent to the client by this endpoint. It must meet some specifications.

- POST method (application/json).
- The method must not include authentication (Basic, Bearer, etc...).
- The expected body of callback request will look like this:

```
{
"service_id": "PAIEMENTMARCHANDOMPAYCIDIRECT",

"gu_transaction_id": "1643022917309",

"status": "SUCCESSFUL",

"partner_transaction_id": "MP220124.1115.B86122",

"call_back_url": "https://your_callback_url",

"commission": 0.0,

"message": ""
}
```

The different statuses of a transaction received on a callback are :

1. **SUCCESSFUL** : This status designates a successful and closed transaction at Touch level.
2. **FAILED**: This status designates a failed and closed transaction at the Touch level. Once a transaction is closed after a failure or success, its status changes to"Finished".
   TouchpayAPI   returns a callback with the final status via Callback

WARNING : a transaction whose response is not supported in this document must be saved in your system with a particular status for manual reconciliation