# 【渠道集成】Access Primus 集成需求文档

## 需求背景

集成Access资金调拨接口，提高资金流动性

## 接口列表

| 接口名称 | 接口说明 | Live URL |
| --- | --- | --- |
| Add payment local | 转账接口 | https://primusplus.accessbankplc.com/payment.asmx?op=AddPaymentLocal |
| Getlocalpaymentstatus | 查询接口 | https://primusplus.accessbankplc.com/payment.asmx?op=GetLocalPaymentStatus |
| GetAccountBalance | 余额查询接口 | https://primusplus.accessbankplc.com/payment.asmx?op=GetAccountBalance |

## 生产信息

# 接口说明

## Add payment local–转账接口

| 接口名称 | 是否必填 | 需求说明 |
|---|---|---|
| Username | 是 | 银行提供 |
| Password | 是 | 银行提供 |
| PaymentTransactions | 是 | |
| Corporatecode | 是 | 银行提供 |
| Currency | 是 | 默认NGN |
| SingleDebitNaration | 否 | |
| EnableSingleDebit | 是 | 默认0 |
| Date | 是 | 转账时间 |
| TotalTransactions | 是 | 交易笔数，默认1 |
| SourceAccount | 是 | 扣款账号，根据业务传入的扣款账号进行上送 |
| Amount | 是 | 转账金额，单位Naria |
| PaymentTypeId | 是 | 默认OTHER_PAYMENT |
| BatchReference | 是 | 批次号，保持订单唯一 |
| DestinationBankCode | 是 | 收款银行编号，默认传044（跨行代码代码？） |
| Beneficiary | 是 | 收款人姓名，Palmpay户名<br>默认Palmpay Limited |
| AccountNumber | 是 | Palmpay公司账户(是否支持跨行？待验证) |
| Amount | 是 | 同转账金额保持一致 |
| Narration | 是 | 默认Palmpay |

| | | |
|---|---|---|
| ValueDate | | |
| TransactionReference | 是 | 订单号，保持订单唯一性，12位数 |
| BeneficiaryEmail | 否 | 空 |
| BeneficiaryPhone | 否 | 空 |
| PaymentMethodId | 是 | 默认INSTANT_TRANSFER |
| **response** | | |
| Statuscode | | 转账交易状态<br>00代表成功<br>具体见code映射规则 |
| CorporateCode | | |
| Batchreference | | |
| AccountNo | | |
| StatusDescription | | |

## Statuscode映射规则

| StatusCode | Description | Description |
|---|---|---|
| 00 | Successful | 成功 |
| 05 | UnknownClient | Failed |
| 06 | EncryptionError | Failed |
| 08 | DataFormatError | Failed |
| 09 | AmountMismatch | Failed |
| 99 | OtherError | Failed |
| 11 | InvalidLoginDetails | Failed |
| 12 | ClientInactive | Failed |
| 13 | ClientNotAllowedForPayment | Failed |
| 14 | ClientNotAllowedForDirectDebit | Failed |
| 15 | InCompleteDetails | Failed |
| 16 | NoAccountExist | Failed |
| 17 | AccountInactive | Failed |
| 18 | ErrorProcessingPayment | Failed |
| 19 | LoginCredentialsNotChanged | Failed |
| 20 | InvalidBankCode | Failed |
| 21 | CannotFindSubsidiary | Failed |
| 22 | NotAuthorizedToAccessAccount | Failed |
| 23 | InvalidAmount | Failed |
| 24 | InvalidAccountNumber | Failed |
|  | 除此之外所有的都置为pending去查询 | Pending（查询） |

# GetLocal PaymentStatus–交易查询接口

| Request | | |
|---|---|---|
| 字段名称 | 是否必填 | 需求说明 |
| BatchReference | 是 | |
| AccountNumber | 是 | |
| CorporateCode | 是 | |
| Response | | |
| BatchReference | | |
| AccountNumber | | |
| CorporateCode | | |
| Amount | | |
| ApprovalStatus | | |
| Narration | | |
| PaymentStatus | | 订单状态<br>Successful，订单置为成功<br>Failed，置为失败<br>Pending 置为pending<br>Proccessing,置为pending<br>其他位置，统一为pending |

```
1   <GetLocalPaymentStatusResponse xmlns="http://tempuri.org/">
    <GetLocalPaymentStatusResult>
2   <BatchReference>BATCHTest1100</BatchReference>
3   <AccountNumber>00000XXXXX </AccountNumber>
4   <CorporateCode>CorpRefDawodu</CorporateCode>
5   <Transactions>
6   <TransactionStatus>
7   <Amount>1100</Amount>
8   <ApprovalStatus>UNAPPROVED</ApprovalStatus>
9   <Narration>PRIMUS ERP TEST2</Narration>
10  <PaymentStatus>PENDING</PaymentStatus>
11  </TransactionStatus> </Transactions>
12  </GetLocalPaymentStatusResult>
13  </GetLocalPaymentStatusResponse>
```

# GetAccountBalance–余额查询接口

| Request | |
| --- | --- |
| CorporateCode | |
| AccountNumber | Sender银行账号 |
| Response | |
| CorporateCode | |
| Balance | 账户余额 |
| StatusCode | 查询状态<br>00代表查询成功<br>非00，查询失败 |
| StatusDescription | |

```
1    <GetAccountBalanceResponse xmlns="http://tempuri.org/">
2    <GetAccountBalanceResult>
3    <CorporateCode>PALMP</CorporateCode>
4    <AccountNumber>00000XXXXX</AccountNumber>
5    <Balance>1051.42</Balance>
6    <StatusCode>00</StatusCode>
7    <StatusDescription>SUCCESSFUL</StatusDescription>
8    </GetAccountBalanceResult>
9    </GetAccountBalanceResponse>
10
```

# bankcode映射规则

| Access– Primus– bankcode | | Palmpay–bankcode | |
| --- | --- | --- | --- |
| bankname | Bankcode | palmpay–bankcode–6位数 | palmpay–bankcode–3位数 |
| ACCESS BANK NIGERIA PLC | 044 | 000014 | 044 |
| ECOBANK NIGERIA PLC | '050 | 000010 | 050 |
| FIDELITY BANK PLC | 070 | 000007 | |
| FIRST BANK PLC | 011 | 000016 | 011 |
| FIRST CITY MONUMENT BANK PLC | 214 | 000003 | 214 |
| GTBANK PLC | 058 | 000013 | 058 |
| HERITAGE BANK | 030 | 000020 | |
| JAIZ BANK | 301 | 000006 | 301 |
| KEYSTONE BANK PLC | 082 | 000002 | 082 |
| POLARIS BANK | 076 | 000008 | 076 |
| STERLING BANK PLC | 232 | 000001 | 232 |
| UNION BANK OF NIGERIA PLC | 032 | 000018 | 032 |
| UNITED BANK FOR AFRICA PLC | 033 | 000004 | 033 |
| UNITY BANK PLC | 215 | 000011 | 215 |
| WEMA BANK PLC | 035 | 000017 | 035 |
| ZENITH BANK PLC | 057 | 000015 | 057 |

# 调试枚举

| 调试结果 | | | |
|---|---|---|---|
| source account | benificary | Transfer amount | Final status |
| 1481330552 | FCMB–5376817031 | 100 | T1到账 |
| 1481330552 | Access–1482750218 | 100 | recieve |
| 1482750218 | Access–1455669624 | 100 | |
| 1455669624 | Access–1481330552 | 100 | |
| 1390451993 | Access–1455669624 | 100 | |
| 1481330552 | UBA–1024359336 | 100 | |
| 1481330552 | GTB–0519152390 | 100 | |
| 1481330552 | Zenith–1016603535 | 100 | |

# To FCMB

```xml
<?xml version='1.0' encoding='UTF-8'?>
<soapenv:Envelope
    xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope">
    <soapenv:Header/>
    <soapenv:Body>
        <ns1:AddPaymentLocal
            xmlns:ns1="http://tempuri.org/">
            <ns1:dto>
                <ns1:PaymentTransactions>
                    <ns1:PaymentTransactionLocal>
                        <ns1:DestinationBankCode>FCMB de</ns1:DestinationBankCode>
                        <ns1:Beneficiary>Palmpay Limited</ns1:Beneficiary>
                        <ns1:AccountNumber>5376817031</ns1:AccountNumber>
                        <ns1:Amount>100</ns1:Amount>
                        <ns1:Narration>FCMB[0xe6][0xa3][0x95][0xe6][0xa6][0x88][0xe6][0xa0][0x91][0xe6][0x9c][0x89][0xe9][0x99][0x90][0xe5][0x85][0xac][0xe5][0x8f][0xb8]</ns1:Narration>
                        <ns1:ValueDate>2021-12-16T14:18:20.249+08:00</ns1:ValueDate>

 <ns1:TransactionReference>4974080900352</ns1:TransactionReference>

 <ns1:BeneficiaryEmail>test@163.com</ns1:BeneficiaryEmail>

 <ns1:BeneficiaryPhone>18899996666</ns1:BeneficiaryPhone>
                        <ns1:PaymentMethodId>NEFT</ns1:PaymentMethodId>
                    </ns1:PaymentTransactionLocal>
                </ns1:PaymentTransactions>
                <ns1:CorporateCode>PALMP</ns1:CorporateCode>
                <ns1:Currency>NGN</ns1:Currency>
                <ns1:SingleDebitNaration>[0xe5][0xa4][0x87][0xe6][0xb3][0xa8]</ns1:SingleDebitNaration>
                <ns1:EnableSingleDebit>0</ns1:EnableSingleDebit>
                <ns1:TotalTransactions>1</ns1:TotalTransactions>
                <ns1:SourceAccount>1481330552</ns1:SourceAccount>
                <ns1:Amount>100</ns1:Amount>
                <ns1:PaymentTypeId>OTHER_PAYMENT</ns1:PaymentTypeId>
                <ns1:BatchReference>4974080900352</ns1:BatchReference>
                <ns1:Username>ADMIN</ns1:Username>
                <ns1:Password>u88NcdiX</ns1:Password>
            </ns1:dto>
        </ns1:AddPaymentLocal>
    </soapenv:Body>
</soapenv:Envelope>
```

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