

NATIONAL DRUG AUTHORITY INTERFACE

Data Format: XML

URL : <https://hostname:port/V3/agency/agency.php?wsdl>

NDA INVOICE VALIDATION

Used to validate National Drug Authority issued invoice references.

Sample Request Body:

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-  
instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soapenv="http://s  
chemas.xmlsoap.org/soap/envelope/" xmlns:urn="urn:AgencyBanking">  
  <soapenv:Header/>  
  <soapenv:Body>  
    <urn:CallJabelService soapenv:encodingStyle="http://schemas.xmlsoap.org/  
soap/encoding/">  
      <signature xsi:type="xsd:string">?</signature>  
      <terminalid xsi:type="xsd:string">?</terminalid>  
      <requestid xsi:type="xsd:string">19416000954</requestid>  
      <serviceid xsi:type="xsd:string">NDA</serviceid>  
      <requestop xsi:type="xsd:string">POSTNDAPAYMENT</requestop>  
      <queryfield0 xsi:type="xsd:string">INV200857088</queryfield0>  
      <queryfield1 xsi:type="xsd:string"></queryfield1>  
      <queryfield2 xsi:type="xsd:string"></queryfield2>  
      <queryfield3 xsi:type="xsd:string"></queryfield3>  
      <queryfield4 xsi:type="xsd:string"></queryfield4>  
      <queryfield5 xsi:type="xsd:string"></queryfield5>  
      <queryfield6 xsi:type="xsd:string"></queryfield6>  
      <queryfield7 xsi:type="xsd:string"></queryfield7>  
      <queryfield8 xsi:type="xsd:string"></queryfield8>  
      <queryfield9 xsi:type="xsd:string"></queryfield9>  
    </urn:CallJabelService>  
  </soapenv:Body>  
</soapenv:Envelope>
```

FIELD DEFINITIONS

terminalid : Transacting agent terminal ID.

requested : Unique request identifier 13 characters long.

serviced : Service to call

requestop : Operation to run in the service above

queryfield0: NDA invoice reference.

Response Body:

On Success:

```
<SOAP-ENV:Envelope SOAP-
ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/" xmlns:SOAP-
ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsd="http://www.w3.org/2
001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xmlns:SOAP-ENC="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <ns1:CallJabelServiceResponse xmlns:ns1="urn:AgencyBanking">
      <serviceid xsi:type="xsd:string">NDA</serviceid>
      <requestop xsi:type="xsd:string">INVOICEVALIDATION</requestop>
      <signature xsi:type="xsd:string">TkRBSU5WT01DRVZBTE1EQVRJT04xU3VjY2Vz
czEwMDAxNTBjTlYyMDA4NTcwODhESUNLU090IEtBU09MTzMwMDAwc3RyaW5nVUdYMjQvMDkvMjAyMX
N0cm1uZ05PVCBQQ1EdHJ1ZTEyMjA0MzM1NA==</signature>
      <status_code xsi:type="xsd:integer">1</status_code>
      <status_desc xsi:type="xsd:string">Success</status_desc>
      <trancharge xsi:type="xsd:string">1000</trancharge>
      <exciseduty xsi:type="xsd:string">150</exciseduty>
      <respfield0 xsi:type="xsd:string">INV200857088</respfield0>
      <respfield1 xsi:type="xsd:string">DICKSON KASOLO</respfield1>
      <respfield2 xsi:type="xsd:string">30000</respfield2>
      <respfield3 xsi:type="xsd:string">string</respfield3>
      <respfield4 xsi:type="xsd:string">UGX</respfield4>
      <respfield5 xsi:type="xsd:string">24/09/2021</respfield5>
      <respfield6 xsi:type="xsd:string">string</respfield6>
      <respfield7 xsi:type="xsd:string">NOT PAID</respfield7>
      <respfield8 xsi:type="xsd:string">true</respfield8>
      <respfield9 xsi:type="xsd:string">122043354</respfield9>
    </ns1:CallJabelServiceResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

FIELD DEFINITIONS

terminalid : Transacting agent terminal ID.

requested : Unique request identifier 13 characters long.

served : Service that was called

requestop : Operating that has been executed.

queryfield0: NDA invoice reference.

queryfield1: Client Name

queryfield2: NDA Amount to pay.

queryfield3: NDA invoice description.

queryfield4: Currency, will always be UGX.

queryfield5: Due Date.

queryfield6: NDA reference.

queryfield7: NDA Status

queryfield8: Payment exists status.

queryfield9: Validation ID to when referenced when posting a payment.

On Failure:

A validation request could fail due to:

- unsupported currency.
- Network connectivity.
- Failure to initialize transaction session

The response body field gives detail description on the failure.

```
<status_code xsi:type="xsd:integer">0</status_code>
<status_desc xsi:type="xsd:string">Currency not supported</status_desc>
```

POSTING A PAYMENT:

Post a payment against a successful invoice validation.

Sample Request Body

```
<soapenv:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:soapenv="http://s
chemas.xmlsoap.org/soap/envelope/" xmlns:urn="urn:AgencyBanking">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:CallJabelService soapenv:encodingStyle="http://schemas.xmlsoap.org/
soap/encoding/">
      <signature xsi:type="xsd:string">?</signature>
      <terminalid xsi:type="xsd:string">?</terminalid>
      <requestid xsi:type="xsd:string">19416000954</requestid>
      <serviceid xsi:type="xsd:string">NDA</serviceid>
      <requestop xsi:type="xsd:string">POSTNDAPAYMENT</requestop>
      <queryfield0 xsi:type="xsd:string">INV200857088</queryfield0>
      <queryfield1 xsi:type="xsd:string">30000</queryfield1>
      <queryfield2 xsi:type="xsd:string">122043354</queryfield2>
```

```

    <queryfield3 xsi:type="xsd:string"></queryfield3>
    <queryfield4 xsi:type="xsd:string"></queryfield4>
    <queryfield5 xsi:type="xsd:string"></queryfield5>
    <queryfield6 xsi:type="xsd:string"></queryfield6>
    <queryfield7 xsi:type="xsd:string"></queryfield7>
    <queryfield8 xsi:type="xsd:string"></queryfield8>
    <queryfield9 xsi:type="xsd:string"></queryfield9>
  </urn:CallJabelService>
</soapenv:Body>
</soapenv:Envelope>

```

FIELD DEFINITIONS

terminalid : Transacting agent terminal ID.

requested : Unique request identifier 13 characters long.

served : Service to call

requestop : Operation to run in the service above

queryfield0: NDA invoice reference.

queryfield1: Amount paid should be equal to amount received on validation.

Queryfield2: Validation reference received as in validation request (**queryfield9**) .

Response Body:

On Success:

```

<status_code xsi:type="xsd:integer">1</status_code>
<status_desc xsi:type="xsd:string">Success</status_desc>

```

A validation request could fail due to:

- Invalid validation ID supplied in [queryfield2](#)
- Invalid amount or amount not equal to amount returned on validation as [queryfield2](#)
- Posting a payment against an invalid invoice number
- Network connectivity.

The response body field gives detail description on the failure as in the sample response below.

```

<status_code xsi:type="xsd:integer">0</status_code>
<status_desc xsi:type="xsd:string">This payment notification (for invoice#INV2
10571982) has already been received and processed successfully on 2021-06-
14 20:28:31.384, so we respond with success to prevent you from sending this r
equest again!</status_desc>

```

