

**[API0145]**

**OneCard TopUp Services Ltd**

56A Olurunlogbo Street

Anthony Village

Lagos

Phone: +2348149657228, +2348170037787



m-Commerce e-TopUp Web Service descriptionAPI

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# Preface

## Related Documents

|  |  |  |  |
| --- | --- | --- | --- |
| SNO |  | Document Title | Author |
|  |  |  |  |
|  |  |  |  |

## Acronyms

|  |  |
| --- | --- |
| Acronym | Description |
| ETL | Estel Technologies Pvt. Ltd. |
| SSL | Secure Sockets Layer |
| API | Application Programming Language |
| XML | Extensible Mark-up Language |
| UTF | Unicode Transformation Format |
| CR / LF | Carriage Return / Line Feed |
| HTTP | Hyper Text Transfer Protocol |
| TCP/IP | Transmission Control Protocol / Internet Protocol |
| URL | Uniform Resource Locator |
| VPN | Virtual Private Network |
| APN | Access Point Name |
| SIM | Subscriber Identity Module |
| PSTN | Public Switched Telephone Network |
| NAC | Network Access Controller |

# Introduction

## Scope

The document mainly focuses on the web services available and the parameters required to invoking these web services.

OneCard web service would be used by respective vendors to route a TOPUP request to provide a mobile recharge / topup via the OneCard m-commerce platform that is connected directly to an IN or an IN Mediation or other Platform as provided by the service provider. Other utility servers Vendors will be given mobile wallets that would be used to deduct the TOPUP amount.

## Connectivity & Protocol and interface

### Web Service Overview

The Web-service listed in the document provides a medium through which services like Topup and Balance etc. can be invoked remotely via SOAP client. In order to use this service a web-service client application/program must be used to access the required methods.

# API Interface

## Web Service Protocol

* The web service follows the standard WSDL protocol (SOAP 1.2).
* Only Topup web service method calls an IN API with defined parameters, others are executed on Estel platform itself.
* All the methods return a response in string data type.

## Web Service Request URL

* Test Server :- http://202.140.50.116/EstelServices/services/EstelServices?wsdl

## 

## Mandatory Tags

All the API messages have a set of mandatory tags for handling the respective requests & responses. These tags are common to all web service Messages and needs to be present for constructing a valid web Request & Response. Additionally, every API Message has its own specific set of tags that are mandatory to the specific WEB SERVICE API Message.

# Message Types

## E-TOPUP

Estel e-Topup APIs would be used by respective vendors to route a TOPUP request to provide a mobile recharge / topup via the Estel m-commerce platform that is connected directly to an IN or an IN Mediation Platform as provided by the Mobile Operator. Vendors will be given mobile wallets that would be used to deduct the TOPUP amount.

VENDORCODE would be provided upon implementation.

### TOPUP

The TOPUP WEB SERVICE API will be used to recharge / topup a mobile number by a Registered Subscriber.

### Web service Request

**service.getTopup(agentCode,mpin,destination,amount,productCode,comments,agenttransid, type);**

**Sample SOAP Request:-**

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ser="http://services.estel.com" xmlns:top="http://topup.support.services.estel.com">

<soapenv:Header/>

<soapenv:Body>

<ser:getTopup>

<ser:topupRequest>

<top:agentCode>TPR\_CM</top:agentCode>

<top:mpin>585CD26AA23198F09E1BEF3476B81AE1</top:mpin>

<top:destination>09818484148</top:destination>

<top:amount>100</top:amount>

<top:productCode>AIRT</top:productCode>

<top:comments></top:comments>

<top:agenttransid>1234</top:agenttransid>

<top:type>PC</top:type>

</ser:topupRequest>

</ser:getTopup>

</soapenv:Body>

</soapenv:Envelope>

**Sample XML request:-**

<estel>

<header>

<requesttype>TOPUP</requesttype>

</header>

<request>

<agentcode>TPR\_CM</agentcode>

<pin>EE17F932B3C311E8877F999DD7865E11</pin>

<destination>09818484148</destination>

<type>PC</type>

<productcode>AIRT</productcode>

<agenttransid>1234</agenttransid>

<amount>100</amount>

<clienttype>PC</clienttype>

<requestcts>07/18/2014 12:13:01</requestcts>

<vendorcode>RINN</vendorcode>

</request>

</estel>>

|  |  |  |  |
| --- | --- | --- | --- |
| Request Description: TAG | Description | Example | Optional / Mandatory |
| <REQUESTTYPE> | Name of the API Message | TOPUP, BALANCE BUNDLELIST, BUYBUNDLE | MAN |
| <AGENTCODE> | Name of the Agent sending the request | 9810012345 | MAN |
| <PIN> | PIN of the Agent sending the request. This is encrypted with One-Way Hashing | 5EC3D43304  D433045ECD | MAN |
| <VENDORCODE> | Request Identifier. This is a mandatory static value. | VENDOR | MAN |
| <DESTINATION> | Mobile # of the Request originator. Can be different from the Agent Code. | 9810012345 | MAN |
| <AGENTTRANSID> | Transaction ID of the Agent sending the Request. This is an Unique ID generated by the Agent. Will be required for Reconciliation. | 1234567 | MAN |
| <VENDORCODE> | Product Code of the TOPUP request, except | TYPE | MAN |
|  |  |  |  |
| <AMOUNT> | TOPUP Transaction Amount | 48.00 | MAN |
| <PRODUCTCODE> | Product Code for Subscriber  MTN For MTN Prepaid.  MTNHYNET For MTN Hynet  MTNBBSERV For MTN Blackberry  MTNDSERV For MTN Data  MTNPOSP For MTN Postpaid    ETST For Etisalat  VISAF For Visafone  AIRT For Airtel Prepaid.  AIRTDATA For Airtel Data    MLINK For Multi-Links  Glo For Globacom  LCC For LCC Toll.  STARTMS For Star Times Cable TV.  EKOPREPAID EKEDP Prepaid (vendor code, “EkoElec”  EKOPOSTP EKEDP Postpaid (“EkoElec”  IBEDCPOSTP IBEDC Postpaid  IBEDCPREPD IBEDC Prepaid  Product Code For Subscriber  BEDCPREPD BEDC Prepaid (Electricity)  BEDCPOSTPD BEDC PostPaid (Electricity)  IKEJAPREPD IKEJA Prepaid (Electricity)  IKEJAPOSTP IKEJA PostPaid (Electricity)  ENUGUPREPD ENUGU Prepaid (Electricity)  ENUGUPOSTP ENUGU PostPaid (Electricity)  PHEDPREPD PHED Prepaid (Electricity)  PHEDPOSTPD PHED PostPaid (Electricity)  DSTV DSTV Cable TV (Cable TV)  GoTV GoTV Cable TV (Cable TV)  DSTVBOXOFF DSTV Box Office (Cable TV)  SWIFT4G Swift 4G (Internet)  SMIL For Smile PPU Topup (vendor code SMILE)  SMBU :- For Smile bundle product Topup (Vendor code SMILE, Transaction type “BUYBUNDLE” | MTN  QT Products | MAN |
| <CLIENTTYPE> | Request Origination Identifier. This is platform generated. | HTTP / TCPIP/PC | MAN |
| <COMMENTS> | Comments | Topup request | OPT |
| <Type> | Used for only Smile Bundle BUYBUNDLE Prodcut code. | Smile Buy Bundle Product code | MAN |

### Response

**Sample SOAP Response:-**

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

<soapenv:Body>

<getTopupResponse xmlns="http://services.estel.com">

<getTopupReturn>

<ns1:agentCode xmlns:ns1="http://topup.support.services.estel.com">TPR\_CM</ns1:agentCode>

<ns2:source xmlns:ns2="http://topup.support.services.estel.com"/>

<ns3:vendortransid xsi:nil="true" xmlns:ns3="http://topup.support.services.estel.com"/>

<ns4:vendorcode xmlns:ns4="http://topup.support.services.estel.com">AIRT</ns4:vendorcode>

<ns5:productcode xmlns:ns5="http://topup.support.services.estel.com">AIRT</ns5:productcode>

<ns6:destination xmlns:ns6="http://topup.support.services.estel.com">09818484148</ns6:destination>

<ns7:type xmlns:ns7="http://topup.support.services.estel.com">PC</ns7:type>

<ns8:agenttransid xmlns:ns8="http://topup.support.services.estel.com">1234</ns8:agenttransid>

<ns9:amount xmlns:ns9="http://topup.support.services.estel.com">100</ns9:amount>

<ns10:pramt xmlns:ns10="http://topup.support.services.estel.com"/>

<ns11:poamt xmlns:ns11="http://topup.support.services.estel.com"/>

<ns12:transid xmlns:ns12="http://topup.support.services.estel.com">927400</ns12:transid>

<ns13:walletBalance xmlns:ns13="http://topup.support.services.estel.com">44720</ns13:walletBalance>

<ns14:preWalletBalance xmlns:ns14="http://topup.support.services.estel.com">44820</ns14:preWalletBalance>

<ns15:fee xmlns:ns15="http://topup.support.services.estel.com"/>

<ns16:processingfee xmlns:ns16="http://topup.support.services.estel.com"/>

<ns17:range xmlns:ns17="http://topup.support.services.estel.com"/>

<ns18:servicetax xmlns:ns18="http://topup.support.services.estel.com"/>

<ns19:ecess xmlns:ns19="http://topup.support.services.estel.com"/>

<ns20:hcess xmlns:ns20="http://topup.support.services.estel.com"/>

<ns21:entax xmlns:ns21="http://topup.support.services.estel.com"/>

<ns22:vat xmlns:ns22="http://topup.support.services.estel.com"/>

<ns23:tax xmlns:ns23="http://topup.support.services.estel.com"/>

<ns24:clienttype xmlns:ns24="http://topup.support.services.estel.com">PC</ns24:clienttype>

<ns25:resultcode xmlns:ns25="http://topup.support.services.estel.com">0</ns25:resultcode>

<ns26:resultdescription xmlns:ns26="http://topup.support.services.estel.com">Transaction Successful</ns26:resultdescription>

<ns27:requestcts xmlns:ns27="http://topup.support.services.estel.com">07/18/2014 12:13:01</ns27:requestcts>

<ns28:responsects xmlns:ns28="http://topup.support.services.estel.com">07/18/2014 12:13:01 PM</ns28:responsects>

<ns29:responseValue xmlns:ns29="http://topup.support.services.estel.com">0</ns29:responseValue>

<ns30:comments xmlns:ns30="http://topup.support.services.estel.com"/>

<ns31:smsval xmlns:ns31="http://topup.support.services.estel.com">100</ns31:smsval>

<ns32:oprwallet xmlns:ns32="http://topup.support.services.estel.com">1250728.99</ns32:oprwallet>

<ns33:preoprwallet xmlns:ns33="http://topup.support.services.estel.com">1250828.99</ns33:preoprwallet>

<ns34:customerId xmlns:ns34="http://topup.support.services.estel.com"/>

<ns35:customerAccountId xmlns:ns35="http://topup.support.services.estel.com"/>

<ns36:refillId xmlns:ns36="http://topup.support.services.estel.com"/>

<ns37:pgAuthId xmlns:ns37="http://topup.support.services.estel.com"/>

<ns38:pgtransname xmlns:ns38="http://topup.support.services.estel.com"/>

<ns39:servicename xmlns:ns39="http://topup.support.services.estel.com"/>

<ns40:posCode xmlns:ns40="http://topup.support.services.estel.com"/>

<ns41:servicetype xmlns:ns41="http://topup.support.services.estel.com"/>

<ns42:pgtransId xmlns:ns42="http://topup.support.services.estel.com"/>

<ns43:channelId xmlns:ns43="http://topup.support.services.estel.com"/>

<ns44:validity xmlns:ns44="http://topup.support.services.estel.com"/>

<ns45:pre\_balance xmlns:ns45="http://topup.support.services.estel.com"/>

<ns46:post\_balance xmlns:ns46="http://topup.support.services.estel.com"/>

<ns47:circleid xmlns:ns47="http://topup.support.services.estel.com"/>

<ns48:state xmlns:ns48="http://topup.support.services.estel.com"/>

<ns49:distributerid xmlns:ns49="http://topup.support.services.estel.com"/>

<ns50:authId xmlns:ns50="http://topup.support.services.estel.com"/>

<ns51:userId xmlns:ns51="http://topup.support.services.estel.com">1234</ns51:userId>

<ns52:refillid xmlns:ns52="http://topup.support.services.estel.com">

</ns52:refillid>

</getTopupReturn>

</getTopupResponse>

</soapenv:Body>

</soapenv:Envelope>

Sample XML Response:-

<estel>

<header>

<responsetype>TOPUP</responsetype>

</header>

<response>

<agentcode>TPR\_CM</agentcode>

<agenttransid>1234</agenttransid>

<vendorcode>AIRT</vendorcode>

<productcode>AIRT</productcode>

<amount>100</amount>

<destination>09818484148</destination>

<smsval>100</smsval>

<transid>927400</transid>

<resultcode>0</resultcode>

<resultdescription>Transaction Successful</resultdescription>

<vendortransid>0</vendortransid>

<requestcts>07/18/2014 12:13:01 PM</requestcts>

<responsects>07/18/2014 12:13:01 PM</responsects>

<clienttype>PC</clienttype>

<responsevalue>0</responsevalue>

<udv1>F</udv1> <walletbalance>44720</walletbalance>

<prewalletbalance>44820</prewalletbalance>

<oprwallet>1250728.99</oprwallet>

<preoprwallet>1250828.99</preoprwallet>

<reason>PC</reason>

<refillid>PC</refillid>

</response>

</estel>

### Response Description:

|  |  |  |  |
| --- | --- | --- | --- |
| TAG | Description | Example | Optional / Mandatory |
| <RESPONSETYPE> | Name of the API Message | TOPUP | MAN |
| <AGENTCODE> | Name of the Agent sending the request | 9810012345 | MAN |
| <VENDORCODE> | Request Identifier. This is a mandatory static value. | VENDOR | MAN |
| <AGENTNAME> | Name of the Registered Subscriber. This is generated by the platform | AGENT NAME | OPT |
| <AGENTTRANSID> | Transaction ID of the Agent sending the Request. This is a Unique ID generated by the Agent. Will be required for Reconciliation. | 1234567 | MAN |
| <SOURCE> | Mobile # of the Request originator. Can be different from the Agent Code. | 9810012345 | MAN |
| <OPRAGENTCODE> | Wallet Code of the Mobile Operator for which a TOPUP request would be generated |  | MAN |
| <AMOUNT> | TOPUP Transaction Amount | 48.00 | MAN |
| <PRODUCTCODE> | Product Code of the TOPUP request | PRODUCT | MAN |
| <TRANSID> | Unique Transaction ID generated by the m-Commerce Platform | 10000007 | MAN |
| <VENDORTRANSID> | Transaction ID received from IN | 2346346346 | MAN |
| <PGTRANSNAME> | Name of the Payment Gateway | CITI | OPT |
| <PGTRANSID> | Payment Gateway Transaction ID | CITI12345678 | OPT |
| *<CLIENTTYPE>* | Request Origination Identifier. This is platform generated. | HTTP / TCPIP | MAN |
| *<RESULTDESCRIPTION>* | Result Description of the respective result code. This is platform generated. Please refer to Section 4 below for further details. | SUCCESS | MAN |
| *<REQUESTCTS>* | Date & Time when the request was received. This is platform generated. | 2008-10-08 15:54:44 | MAN |
| *<RESPONSECTS>* | Date & Time when the final response is received. This is platform generated. | 2008-10-08 15:54:46 | MAN |
| *<COMMENTS>* | Comments | Topup request | OPT |
| *<RESPONSEVALUE>* | Descriptive Transaction details received from IN or IN Mediation Platform | Comments from I | OPT |
| <*REFILID>* | Contains token no. For EKOPREPAID only |  | OPT |

### BALANCE

The BALANCE WEB SERVICE API will be used to check Wallet Balance of respective Agents themselves.

### Web service Request

**service.getBalance(agentCode,mpin);**

**Sample SOAP Request:-**

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ser="http://services.estel.com" xmlns:bal="http://balance.support.services.estel.com">

<soapenv:Header/>

<soapenv:Body>

<ser:getBalance>

<ser:balanceRequest>

<bal:agentCode>TPR\_CM</bal:agentCode>

<bal:mpin>EE17F932B3C311E8877F999DD7865E11</bal:mpin>

</ser:balanceRequest>

</ser:getBalance>

</soapenv:Body>

</soapenv:Envelope>

**Sample XML Request:-**

<estel>

<header>

<requesttype>BALANCE</requesttype>

</header>

<request>

<agentcode>TPR\_CM</agentcode>

<pin>EE17F932B3C311E8877F999DD7865E11</pin>

<destination>TPR\_CM</destination>

<clienttype>GPRS</clienttype>

<requestcts>07/18/2014 12:30:44</requestcts>

</request>

</estel>

### TransQuery

Transquery request is used to check the status of transaction requtor need to enter either rtransquery (OneCard Transaction id or agenttransid (sent from source/tpr system transaction id)

**service. (agentCode,mpin,rtransid,agenttransid);**

**Sample SOAP Request:-**

### Request Description:

|  |  |  |  |
| --- | --- | --- | --- |
| TAG | Description | Example | Opt / Man |
| <REQUESTTYPE> | Name of the API Message | TRANSQUERY | MAN |
| <AGENTCODE> | Name of the Agent sending the request | 9810012345 | MAN |
| <PIN> | MPIN of the Agent sending the request. | E25DD9055E618C96D387D0CE18071E69 | MAN |
| < RTRANSID > | OneCard Transaction id | 104894783 | OPT |
| < AGENTTRANSID> | Source/TPR Transaction id. | 1123344 | MAN |

### Reqest

Sample SOAP Request:-

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ser="http://services.estel.com" xmlns:tran="http://transquery.support.services.estel.com">

<soapenv:Header/><soapenv:Body>

<ser:getTransQuery>

<ser:transQueryRequest>

<tran:agentCode>9868751158</tran:agentCode>

<tran:mpin>E25DD9055E618C96D387D0CE18071E69</tran:mpin>

<tran:rtransid>4894783</tran:rtransid>

<tran:agenttransid>4894783</tran:agenttransid>

</ser:transQueryRequest>

</ser:getTransQuery>

</soapenv:Body>

</soapenv:Envelope>

### Sample Soap Response:-

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

<soapenv:Body>

<getTransQueryResponse xmlns="http://services.estel.com">

<getTransQueryReturn>

<ns1:agentcode xmlns:ns1="http://transquery.support.services.estel.com">9868751158</ns1:agentcode>

<ns2:clienttype xmlns:ns2="http://transquery.support.services.estel.com">GPRS</ns2:clienttype>

<ns3:comments xmlns:ns3="http://transquery.support.services.estel.com"/>

<ns4:responsects xmlns:ns4="http://transquery.support.services.estel.com">2017-09-11 07:07:40</ns4:responsects>

<ns5:resultcode xmlns:ns5="http://transquery.support.services.estel.com">0</ns5:resultcode>

<ns6:resultdescription xmlns:ns6="http://transquery.support.services.estel.com">Transaction Successful</ns6:resultdescription>

<ns7:transid xmlns:ns7="http://transquery.support.services.estel.com">4977421</ns7:transid>

<ns8:vendorcode xmlns:ns8="http://transquery.support.services.estel.com">RINN</ns8:vendorcode>

<transQueryDetailArray>

<transQueryDetailArray xsi:type="ns9:TransHistoryRecordDetail" xmlns:ns9="http://transquery.support.services.estel.com">

<ns9:agenttransid>4894783</ns9:agenttransid>

<ns9:resultcode>0</ns9:resultcode>

<ns9:resultdescription>Transaction Successful</ns9:resultdescription>

<ns9:responseCTS>2017-09-11 07:07:40</ns9:responseCTS>

<rtransid>4894783</rtransid>

</transQueryDetailArray>

</transQueryDetailArray>

</getTransQueryReturn>

</getTransQueryResponse>

</soapenv:Body>

</soapenv:Envelope>

### SMILE (getBundleList)

This API is used to fetch the smile operator bundle list.

**Sample SOAP Request for SMILE (**getBundleList**) Bundle List service**

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ser="http://services.estel.com" xmlns:bun="http://bundlelist.support.services.estel.com">

<soapenv:Header/>

<soapenv:Body>

<ser:getBundleList>

<ser:bundleListRequest>

<bun:agentCode>TPR\_Vivek</bun:agentCode>

<bun:mpin>55BB429380A099F784D54A31AF526E09</bun:mpin>

</ser:bundleListRequest>

</ser:getBundleList>

</soapenv:Body>

</soapenv:Envelope>

**Sample SOAP Response for SMILE (**getBundleList**)**

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

<soapenv:Body>

<getBundleListResponse xmlns="http://services.estel.com">

<getBundleListReturn>

<ns1:agenttransid xmlns:ns1="http://bundlelist.support.services.estel.com"/>

<ns2:agentcode xmlns:ns2="http://bundlelist.support.services.estel.com">TPR\_Vivek</ns2:agentcode>

<ns3:transid xmlns:ns3="http://bundlelist.support.services.estel.com">4012771</ns3:transid>

<ns4:requestcts xmlns:ns4="http://bundlelist.support.services.estel.com">09/10/2015 07:27:43</ns4:requestcts>

<ns5:responsects xsi:nil="true" xmlns:ns5="http://bundlelist.support.services.estel.com"/>

<ns6:resultcode xmlns:ns6="http://bundlelist.support.services.estel.com">0</ns6:resultcode>

<ns7:resultdescription xmlns:ns7="http://bundlelist.support.services.estel.com">Transaction Successful</ns7:resultdescription>

<ns8:comments xmlns:ns8="http://bundlelist.support.services.estel.com"/>

<ns9:recordCount xmlns:ns9="http://bundlelist.support.services.estel.com">3</ns9:recordCount>

<ns10:records xmlns:ns10="http://bundlelist.support.services.estel.com">3</ns10:records>

<ns11:vendortransid xmlns:ns11="http://bundlelist.support.services.estel.com"/>

<ns12:clienttype xmlns:ns12="http://bundlelist.support.services.estel.com"/>

<ns13:vendorcode xmlns:ns13="http://bundlelist.support.services.estel.com">SMILE</ns13:vendorcode>

<ns14:BundleListDetail xmlns:ns14="http://bundlelist.support.services.estel.com">

<item>

<ns14:amount>100</ns14:amount>

<ns14:producttype>100</ns14:producttype>

<ns14:productdesc>500MB Data Bundle</ns14:productdesc>

</item>

<item>

<ns14:amount>200</ns14:amount>

<ns14:producttype>101</ns14:producttype>

<ns14:productdesc>1GB Data Bundle</ns14:productdesc>

</item>

<item>

<ns14:amount>42500</ns14:amount>

<ns14:producttype>102</ns14:producttype>

<ns14:productdesc>3GB Data Bundle</ns14:productdesc>

</item>

</ns14:BundleListDetail>

</getBundleListReturn>

</getBundleListResponse>

</soapenv:Body>

</soapenv:Envelope>

**Sample SOAP Request for SMILE (BUYBUNDLE product code “SMBU”) Service**

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ser="http://services.estel.com" xmlns:buy="http://buybundle.support.services.estel.com">

<soapenv:Header/>

<soapenv:Body>

<ser:getBuyBundle>

<ser:buyBundleRequest>

<buy:agentCode>9868751158</buy:agentCode>

<buy:mpin>E677A126B931C9C8D852C559CF571AE0</buy:mpin>

<buy:destination>1402000567</buy:destination>

<buy:amount>100</buy:amount>

<buy:qty>1</buy:qty>

<buy:type>100</buy:type>

<buy:comments></buy:comments>

<buy:productCode>SMBU</buy:productCode>

<buy:mobilenumber>1402000567</buy:mobilenumber>

</ser:buyBundleRequest>

</ser:getBuyBundle>

</soapenv:Body>

</soapenv:Envelope>

**Sample SOAP Response for SMILE (BUYBUNDLE product code “SMBU”) Service**

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

<soapenv:Body>

<getBuyBundleResponse xmlns="http://services.estel.com">

<getBuyBundleReturn>

<ns1:agentCode xmlns:ns1="http://buybundle.support.services.estel.com">9868751158</ns1:agentCode>

<ns2:source xmlns:ns2="http://buybundle.support.services.estel.com"/>

<ns3:vendortransid xmlns:ns3="http://buybundle.support.services.estel.com">UNIQUE-4012770</ns3:vendortransid>

<ns4:vendorcode xmlns:ns4="http://buybundle.support.services.estel.com">SMILE</ns4:vendorcode>

<ns5:productcode xmlns:ns5="http://buybundle.support.services.estel.com">SMBU</ns5:productcode>

<ns6:destination xmlns:ns6="http://buybundle.support.services.estel.com">1402000567</ns6:destination>

<ns7:type xmlns:ns7="http://buybundle.support.services.estel.com">100</ns7:type>

<ns8:agenttransid xmlns:ns8="http://buybundle.support.services.estel.com">60009173</ns8:agenttransid>

<ns9:amount xmlns:ns9="http://buybundle.support.services.estel.com">100</ns9:amount>

<ns10:pramt xmlns:ns10="http://buybundle.support.services.estel.com"/>

<ns11:poamt xmlns:ns11="http://buybundle.support.services.estel.com"/>

<ns12:transid xmlns:ns12="http://buybundle.support.services.estel.com">4012770</ns12:transid>

<ns13:walletBalance xmlns:ns13="http://buybundle.support.services.estel.com">2077.94</ns13:walletBalance>

<ns14:preWalletBalance xmlns:ns14="http://buybundle.support.services.estel.com">2172.16</ns14:preWalletBalance>

<ns15:fee xmlns:ns15="http://buybundle.support.services.estel.com"/>

<ns16:processingfee xmlns:ns16="http://buybundle.support.services.estel.com"/>

<ns17:range xmlns:ns17="http://buybundle.support.services.estel.com"/>

<ns18:servicetax xmlns:ns18="http://buybundle.support.services.estel.com"/>

<ns19:ecess xmlns:ns19="http://buybundle.support.services.estel.com"/>

<ns20:hcess xmlns:ns20="http://buybundle.support.services.estel.com"/>

<ns21:entax xmlns:ns21="http://buybundle.support.services.estel.com"/>

<ns22:vat xmlns:ns22="http://buybundle.support.services.estel.com"/>

<ns23:tax xmlns:ns23="http://buybundle.support.services.estel.com"/>

<ns24:clienttype xmlns:ns24="http://buybundle.support.services.estel.com"/>

<ns25:resultcode xmlns:ns25="http://buybundle.support.services.estel.com">0</ns25:resultcode>

<ns26:resultdescription xmlns:ns26="http://buybundle.support.services.estel.com">Transaction Successful</ns26:resultdescription>

<ns27:requestcts xmlns:ns27="http://buybundle.support.services.estel.com">09/10/2015 07:18:02</ns27:requestcts>

<ns28:responsects xmlns:ns28="http://buybundle.support.services.estel.com">10/09/2015 07:18:08.481 AM</ns28:responsects>

<ns29:responseValue xmlns:ns29="http://buybundle.support.services.estel.com">Success</ns29:responseValue>

<ns30:comments xmlns:ns30="http://buybundle.support.services.estel.com"/>

<ns31:smsval xmlns:ns31="http://buybundle.support.services.estel.com"/>

<ns32:oprwallet xmlns:ns32="http://buybundle.support.services.estel.com">9985400.00</ns32:oprwallet>

<ns33:preoprwallet xmlns:ns33="http://buybundle.support.services.estel.com">9985500.00</ns33:preoprwallet>

<ns34:customerId xsi:nil="true" xmlns:ns34="http://buybundle.support.services.estel.com"/>

<ns35:customerAccountId xsi:nil="true" xmlns:ns35="http://buybundle.support.services.estel.com"/>

<ns36:refillId xsi:nil="true" xmlns:ns36="http://buybundle.support.services.estel.com"/>

<ns37:pgAuthId xsi:nil="true" xmlns:ns37="http://buybundle.support.services.estel.com"/>

<ns38:pgtransname xsi:nil="true" xmlns:ns38="http://buybundle.support.services.estel.com"/>

<ns39:servicename xmlns:ns39="http://buybundle.support.services.estel.com">SMBU</ns39:servicename>

<ns40:posCode xsi:nil="true" xmlns:ns40="http://buybundle.support.services.estel.com"/>

<ns41:servicetype xsi:nil="true" xmlns:ns41="http://buybundle.support.services.estel.com"/>

<ns42:pgtransId xsi:nil="true" xmlns:ns42="http://buybundle.support.services.estel.com"/>

<ns43:channelId xsi:nil="true" xmlns:ns43="http://buybundle.support.services.estel.com"/>

<ns44:validity xmlns:ns44="http://buybundle.support.services.estel.com"/>

<ns45:pre\_balance xmlns:ns45="http://buybundle.support.services.estel.com"/>

<ns46:post\_balance xmlns:ns46="http://buybundle.support.services.estel.com"/>

<ns47:circleid xsi:nil="true" xmlns:ns47="http://buybundle.support.services.estel.com"/>

<ns48:state xmlns:ns48="http://buybundle.support.services.estel.com"/>

<ns49:distributerid xmlns:ns49="http://buybundle.support.services.estel.com"/>

<ns50:authId xsi:nil="true" xmlns:ns50="http://buybundle.support.services.estel.com"/>

<ns51:userId xmlns:ns51="http://buybundle.support.services.estel.com"/>

<ns52:mobilenumber xsi:nil="true" xmlns:ns52="http://buybundle.support.services.estel.com"/>

</getBuyBundleReturn>

</getBuyBundleResponse>

</soapenv:Body>

</soapenv:Envelope>

**Sample SOAP Request for SMILE ( “TRANSSTATUS”) Transaction Status Service**

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ser="http://services.estel.com" xmlns:tran="http://transactionstatus.support.services.estel.com">

<soapenv:Header/>

<soapenv:Body>

<ser:getTransactionStatus>

<ser:transactionStatusRequest>

<tran:agentcode>TPR\_Vivek</tran:agentcode>

<tran:mpin>55BB429380A099F784D54A31AF526E09</tran:mpin>

<tran:refid>4012772</tran:refid>

<tran:comments>?</tran:comments>

</ser:transactionStatusRequest>

</ser:getTransactionStatus>

</soapenv:Body>

</soapenv:Envelope>

**Sample SOAP Response for SMILE ( “TRANSSTATUS”) Transaction Status Service**

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

<soapenv:Body>

<getTopupResponse xmlns="http://services.estel.com">

<getTopupReturn>

<ns1:agentCode xmlns:ns1="http://topup.support.services.estel.com">TPR\_Vivek</ns1:agentCode>

<ns2:source xmlns:ns2="http://topup.support.services.estel.com"/>

<ns3:vendortransid xsi:nil="true" xmlns:ns3="http://topup.support.services.estel.com"/>

<ns4:vendorcode xmlns:ns4="http://topup.support.services.estel.com">SMILE</ns4:vendorcode>

<ns5:productcode xmlns:ns5="http://topup.support.services.estel.com">SMIL</ns5:productcode>

<ns6:destination xmlns:ns6="http://topup.support.services.estel.com">1402000567</ns6:destination>

<ns7:type xmlns:ns7="http://topup.support.services.estel.com">PC</ns7:type>

<ns8:agenttransid xmlns:ns8="http://topup.support.services.estel.com">1234</ns8:agenttransid>

<ns9:amount xmlns:ns9="http://topup.support.services.estel.com">100</ns9:amount>

<ns10:pramt xmlns:ns10="http://topup.support.services.estel.com"/>

<ns11:poamt xmlns:ns11="http://topup.support.services.estel.com"/>

<ns12:transid xmlns:ns12="http://topup.support.services.estel.com">4012772</ns12:transid>

<ns13:walletBalance xmlns:ns13="http://topup.support.services.estel.com">4528.87</ns13:walletBalance>

<ns14:preWalletBalance xmlns:ns14="http://topup.support.services.estel.com">4623.09</ns14:preWalletBalance>

<ns15:fee xmlns:ns15="http://topup.support.services.estel.com">8.26</ns15:fee>

<ns16:processingfee xmlns:ns16="http://topup.support.services.estel.com"/>

<ns17:range xmlns:ns17="http://topup.support.services.estel.com"/>

<ns18:servicetax xmlns:ns18="http://topup.support.services.estel.com"/>

<ns19:ecess xmlns:ns19="http://topup.support.services.estel.com"/>

<ns20:hcess xmlns:ns20="http://topup.support.services.estel.com"/>

<ns21:entax xmlns:ns21="http://topup.support.services.estel.com"/>

<ns22:vat xmlns:ns22="http://topup.support.services.estel.com"/>

<ns23:tax xmlns:ns23="http://topup.support.services.estel.com"/>

<ns24:clienttype xmlns:ns24="http://topup.support.services.estel.com">PC</ns24:clienttype>

<ns25:resultcode xmlns:ns25="http://topup.support.services.estel.com">0</ns25:resultcode>

<ns26:resultdescription xmlns:ns26="http://topup.support.services.estel.com">Transaction Successful</ns26:resultdescription>

<ns27:requestcts xmlns:ns27="http://topup.support.services.estel.com">09/10/2015 07:40:55</ns27:requestcts>

<ns28:responsects xmlns:ns28="http://topup.support.services.estel.com">09/10/2015 07:41:01</ns28:responsects>

<ns29:responseValue xmlns:ns29="http://topup.support.services.estel.com">Success</ns29:responseValue>

<ns30:comments xmlns:ns30="http://topup.support.services.estel.com"/>

<ns31:smsval xmlns:ns31="http://topup.support.services.estel.com">100</ns31:smsval>

<ns32:oprwallet xmlns:ns32="http://topup.support.services.estel.com">9985300.00</ns32:oprwallet>

<ns33:preoprwallet xmlns:ns33="http://topup.support.services.estel.com">9985400.00</ns33:preoprwallet>

<ns34:customerId xmlns:ns34="http://topup.support.services.estel.com"/>

<ns35:customerAccountId xmlns:ns35="http://topup.support.services.estel.com"/>

<ns36:refillId xmlns:ns36="http://topup.support.services.estel.com"/>

<ns37:pgAuthId xmlns:ns37="http://topup.support.services.estel.com"/>

<ns38:pgtransname xmlns:ns38="http://topup.support.services.estel.com"/>

<ns39:servicename xmlns:ns39="http://topup.support.services.estel.com">SMIL</ns39:servicename>

<ns40:posCode xmlns:ns40="http://topup.support.services.estel.com"/>

<ns41:servicetype xmlns:ns41="http://topup.support.services.estel.com"/>

<ns42:pgtransId xmlns:ns42="http://topup.support.services.estel.com"/>

<ns43:channelId xmlns:ns43="http://topup.support.services.estel.com"/>

<ns44:validity xmlns:ns44="http://topup.support.services.estel.com"/>

<ns45:pre\_balance xmlns:ns45="http://topup.support.services.estel.com"/>

<ns46:post\_balance xmlns:ns46="http://topup.support.services.estel.com"/>

<ns47:circleid xmlns:ns47="http://topup.support.services.estel.com"/>

<ns48:state xmlns:ns48="http://topup.support.services.estel.com"/>

<ns49:distributerid xmlns:ns49="http://topup.support.services.estel.com"/>

<ns50:authId xmlns:ns50="http://topup.support.services.estel.com"/>

<ns51:userId xmlns:ns51="http://topup.support.services.estel.com"/>

</getTopupReturn>

</getTopupResponse>

</soapenv:Body>

</soapenv:Envelope>

# Result Codes

|  |  |
| --- | --- |
| CODE | Description |
| 0 | Transaction Successful |
| 10 | Account Not Found |
|  |  |
| 40 | Error in DB |
| 41 | Invalid Account Type |
| 42 | Invalid Amount |
| 45 | Invalid Date |
| 46 | Invalid Message Type |
| 47 | DB Insert Failed |
| 48 | Error in Client |
| 60 | Invalid PIN |
| 61 | PIN / Password Expired |
| 62 | PIN Already Exists |
| 63 | PIN Not Found |
| 64 | PIN Type Not Found |
|  |  |
| 72 | Inactive Product |
| 73 | Product Not Found |
| 74 | Vendor Not Found |
| 75 | Inactive Vendor |
| 79 | Request Retry threshold Pass |
| 93 | Transaction Limit Reached |
| 101 | Insufficient Wallet |
| 102 | Inactive Wallet |
| 104 | Wallet Not Found |
| 200 | Error in Adapter |
| 201 | Adapter Not Available |
| 901 | Connection not available with Network Operator |
| 902 | Technical Failure on the Network |
| 902 | Technical Failure on the Network |
| 903 | Connection timeout Failure on Network Operator |
| 906 | Failure on the Network |
| 908 | Transaction In progress |
| 907 | Insufficient Wallet on your Account with OneCard |
| 950 | Wrong /Invalid Number on Chosen Network |
| 951 | Wrong /Invalid Number on Chosen Network |
| 952 | Plan already mapped for this subscriber with chosen Network |
| 953 | Failed Credit Reversal from choosen Network |
| 954 | Invalid Tarrif Plan on Chosen Network |
| 955 | Limited Network Resources |
| 956 | Temporarily Invalid MSIDN |
| 957 | Subscriber Bared on the Network |
|  |  |
|  |  |