
Recharge API Document

- **API Methods**

1. **GetBalance**
2. **MobileRecharge**
3. **DTHRecharge**
4. **PostPaidBillPay**
5. **GetTransactionStatus**
6. **ChangeSMSPin**
7. **ComplaintRegister**

- **API URL**

<http://DomainName/mRechargeAPI/Service.asmx>

- **Soap Authentication**

Before calling any method you have to set parameters of Soap Header and pass it. Soap header contains User ID & Password fields. User ID & Password will be provided separately. Soap Authentication is required for establishing connectivity. Without Soap Authentication you cannot communicate with our system.

HTTP Request Method: POST

Note:

1. Orange marked domain name will be replaced with actual domain name.
2. Blue marked method name will be replaced with actual method name.
3. Red marked field/text will be replaced with actual data

.NET Sample Code:

```
<?xmlversion="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Header><APIAuthHeader
xmlns="http://tempuri.org/"><UserID>SOAPUSERID</UserID><Password>SOAPPAS
WORD</Password></APIAuthHeader></soap:Header>
  <soap:Body><METHODNAME
xmlns="http://tempuri.org/"><sRequest>XMLREQUEST</sRequest></METHODNAME>
</soap:Body>
</soap:Envelope>
```

PHP Sample Code:

```
<?php
echo "<pre>";
$soapUrl = "http://domainname/mRechargeAPI/Service.asmx?op=MobileRecharge";
$soapUser = '9999999999'; //API User ID
$soapPassword = 'password'; //API Password
$mobileno = '9999999999'; //Registered Mobile No
$smspin = '1234'; //SMS PIN
$customerno = '9898989898';
$amount = '10';
$operatorcode = 'A';
$stv = '0';
$recharge_id = '10001'; //Your unique transaction no (Numeric)
$data =
'<MRREQ><REQTYPE>MRCH</REQTYPE><UID>'$mobileno.'</UID><PWD>'$smspin.'</PWD><OP
CODE>'$operatorcode.'</OPCODE><CMOBNO>'$customerno.'</CMOBNO><AMT>'$amount.'</
AMT><STV>'$stv.'</STV><TRNREFNO>'$recharge_id.'</TRNREFNO></MRREQ>';

$raw_data = htmlentities($data);
$xml_post_string = '<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
<soap:Header>
<APIAuthHeader xmlns="http://tempuri.org/">
<UserID>'$soapUser.'</UserID>
<Password>'$soapPassword.'</Password>
</APIAuthHeader>
</soap:Header>
<soap:Body>
<MobileRecharge xmlns="http://tempuri.org/">
<sRequest>
'$.raw_data.'
</sRequest>
</MobileRecharge>
</soap:Body>
</soap:Envelope>';
```

```
$headers = array(
"Content-type: text/xml;charset=\\"utf-8\\"",
"Accept: text/xml",
"Cache-Control: no-cache",
"Pragma: no-cache",
"SOAPAction: http://tempuri.org/MobileRecharge",
"Content-length: ".strlen($xml_post_string),
"UserID: ".$soapUser,
"Password: ".$soapPassword,
"Host: domainname",
"POST: /mRechargeAPI/Service.asmx HTTP/1.1",
);
```

```
$url = $soapUrl;
$ch = curl_init();
curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, 0);
curl_setopt($ch, CURLOPT_URL, $url);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
curl_setopt($ch, CURLOPT_USERPWD, $soapUser.":".$soapPassword);
curl_setopt($ch, CURLOPT_HTTPAUTH, CURLAUTH_ANY);
curl_setopt($ch, CURLOPT_TIMEOUT, 10);
curl_setopt($ch, CURLOPT_POST, true);
curl_setopt($ch, CURLOPT_POSTFIELDS, $xml_post_string); //SOAP request
curl_setopt($ch, CURLOPT_HTTPHEADER, $headers);
```

```
// converting
$response = curl_exec($ch);
//echohtmlentities($response);
curl_close($ch);
?>
```

- **Web Service Request / Response**

1. **GetBalance**

Request:

Parameter	Data Type	Description
REQTYPE	String	Appropriate Request Type
UID	Numeric	Retailer's 10 Digit Mobile No
PWD	Numeric	4 Digit Retailer's SMS Password
Request Ex. : <MRREQ><REQTYPE>BAL</REQTYPE><UID>999999999</UID><PWD>1234</PWD></MRREQ>		

Response:

Parameter	Data Type	Description
RESPTYPE	String	Appropriate Response Type
STCODE	Numeric	Status of Particular Request 0 = Success 1 = Not Success 9 = Error
STMSG	String	Appropriate Response Message
Response Ex. : <MRRESP><RESPTYPE>BAL</ RESPTYPE ><STCODE>0</STCODE><STMSG>1000.00</STMSG></MRRESP>		

2. MobileRecharge

Request:

Parameter	Data Type	Description
REQTYPE	String	Appropriate Request Type
UID	Numeric	Retailer's 10 Digit Mobile No
PWD	Numeric	4 Digit Retailer's SMS Password
OPCODE	String	Selected Operator's Code A = Airtel, B = BSNL, I = IDEA, V = Vodafone RG = Reliance GSM, RC = Reliance CDMA TI = TataIndicom, TD = Tata Docomo AI = Aircel, VI = Videocon, U = Uninor VR = Virgin GSM, VC = Virgin CDMA MT = MTS, LP = LOOP, ST = STel, JIO = JIO
CMOBNO	Numeric	10 Digit Customer's Mobile No
AMT	Numeric	Transaction Amount
STV	Numeric	Transaction Type is Topup or Scheme 0 = Topup 1 = Scheme
TRNREFNO	String	Unique Transaction Reference No.
Request Ex. :		
<MRREQ><REQTYPE>MRCH</REQTYPE><UID>999999999</UID><PWD>1234</PWD><OPCODE>A</OPCODE><CMOBNO>9825098250</CMOBNO><AMT>11</AMT><STV>0</STV><TRNREFNO>123</TRNREFNO></MRREQ>		

Response:

Parameter	Data Type	Description
RESPTYPE	String	Appropriate Response Type
STCODE	Numeric	Status of Particular Request 0 = Success 6 = Request Accepted 1 = Not Success 9 = Error
STMSG	String	Appropriate Response Message
TRNID	Numeric	API Transaction ID
CUSTNO	Numeric	Customer Mobile or ID
AMT	Numeric	Transaction Amount
TRNSTATUS	Numeric	Transaction Status 1 = Success 2 = Provider Failed 3 = System Failed 4 = Hold 5 = Refunded 6 = Under Queue/Request Accepted
STATUSTEXT	String	Transaction Status Message
TRNREFNO	String	Transaction Ref. No. supplied in request
OPRID	String	Operator Transaction ID (If available)
BAL	Numeric	Current Balance
Response Ex. :		
<MRRESP><RESPTYPE>MRCH</RESPTYPE><STCODE>0</STCODE><STMSG>Success</STMSG><TRNID>123</TRNID><CUSTNO>9825098250</CUSTNO><AMT>11.00</AMT><TRNSTATUS>1</TRNSTATUS><STATUSTEXT>Success</STATUSTEXT><TRNREFNO>123</TRNREFNO><OPRID>12345</OPRID><BAL>1000.00</BAL></MRRESP>		

3. DTHRecharge

Request:

Parameter	Data Type	Description
REQTYPE	String	Appropriate Request Type
UID	Numeric	Retailer's 10 Digit Mobile No
PWD	Numeric	4 Digit Retailer's SMS Password
OPCODE	String	Selected Operator's Code AD = Airtel DTH BD = Big TV DT = Dish TV TS = Tata Sky VD = Videocon DTH ST = Sun TV
CMOBNO	Numeric	Minimum 5 Digit Customer's ID
AMT	Numeric	Transaction Amount
STV	Numeric	Transaction Type is Topup or Scheme 0 = Topup 1 = Scheme
TRNREFNO	String	Unique Transaction Reference No.
Request Ex. :		
<MRREQ><REQTYPE>DRCH</REQTYPE><UID>999999999</UID><PWD>1234</PWD><OPCODE>AD</OPCODE><CID>123456789</CID><AMT>200</AMT><STV>0</STV><TRNREFNO>123</TRNREFNO></MRREQ>		

Response:

Parameter	Data Type	Description
RESPTYPE	String	Appropriate Response Type
STCODE	Numeric	Status of Particular Request 0 = Success 6 = Request Accepted 1 = Not Success 9 = Error
STMSG	String	Appropriate Response Message
TRNID	Numeric	API Transaction ID
CUSTNO	Numeric	Customer Mobile or ID
AMT	Numeric	Transaction Amount
TRNSTATUS	Numeric	Transaction Status 1 = Success 2 = Provider Failed 3 = System Failed 4 = Hold 5 = Refunded 6 = Under Queue/Request Accepted
STATUSTEXT	String	Transaction Status Message
TRNREFNO	String	Transaction Ref. No. supplied in request
OPRID	String	Operator Transaction ID (If available)
BAL	Numeric	Current Balance
Response Ex. :		
<MRRESP><RESPTYPE>DRCH</RESPTYPE><STCODE>0</STCODE><STMSG>Success</STMSG><TRNID>123</TRNID><CUSTNO>9825098250</CUSTNO><AMT>11.00</AMT><TRNSTATUS>1</TRNSTATUS><STATUSTEXT>Success</STATUSTEXT><TRNREFNO>123</TRNREFNO><OPRID>12345</OPRID><BAL>1000.00</BAL></MRRESP>		

4. PostPaidBillPay

Request:

Parameter	Data Type	Description
REQTYPE	String	Appropriate Request Type
UID	Numeric	Retailer's 10 Digit Mobile No
PWD	Numeric	4 Digit Retailer's SMS Password
OPCODE	String	Selected Operator's Code AB = Airtel Bill BB = BSNL Bill IB = Idea Bill VB = Vodafone Bill RB = Reliance Bill TB = Tata Bill
CMOBNO	Numeric	Minimum 5 Digit Customer's ID
AMT	Numeric	Transaction Amount
TRNREFNO	String	Unique Transaction Reference No.
Request Ex. :		
<code><MRREQ><REQTYPE>PPB</REQTYPE><UID>999999999</UID><PWD>1234</PWD><OPCODE>AB</OPCODE><CMOBNO>9825098250</CMOBNO><AMT>100</AMT><TRNREFNO>123</TRNREFNO></MRREQ></code>		

Response:

Parameter	Data Type	Description
RESPTYPE	String	Appropriate Response Type
STCODE	Numeric	Status of Particular Request 0 = Success 6 = Request Accepted 1 = Not Success 9 = Error
STMSG	String	Appropriate Response Message
TRNID	Numeric	API Transaction ID
CUSTNO	Numeric	Customer Mobile or ID
AMT	Numeric	Transaction Amount
TRNSTATUS	Numeric	Transaction Status 1 = Success 2 = Provider Failed 3 = System Failed 4 = Hold 5 = Refunded 6 = Under Queue/Request Accepted
STATUSTEXT	String	Transaction Status Message
TRNREFNO	String	Transaction Ref. No. supplied in request
OPRID	String	Operator Transaction ID (If available)
BAL	Numeric	Current Balance
Response Ex. :		
<code><MRRESP><RESPTYPE>PPB</RESPTYPE><STCODE>0</STCODE><STMSG>Success</STMSG><TRNID>123</TRNID><CUSTNO>9825098250</CUSTNO><AMT>11.00</AMT><TRNSTATUS>1</TRNSTATUS><STATUSTEXT>Success</STATUSTEXT><TRNREFNO>123</TRNREFNO><OPRID>12345</OPRID><BAL>1000.00</BAL></MRRESP></code>		

5. GetTransactionStatus

Request:

Parameter	Data Type	Description
REQTYPE	String	Appropriate Request Type
UID	Numeric	Retailer's 10 Digit Mobile No
PWD	Numeric	4 Digit Retailer's SMS Password
TRNNO	String	Transaction Number
CNO	Numeric	Customer No (Mobile No or Customer ID)

Request Ex. :

```
<MRREQ><REQTYPE>TRNST</REQTYPE><UID>999999999</UID><PWD>1234</PWD><TRNNO>1</TRNNO><CNO></CNO></MRREQ>
```

Response:

Parameter	Data Type	Description
RESPTYPE	String	Appropriate Response Type
STCODE	Numeric	Status of Particular Request 0 = Success 1 = Not Success 9 = Error
STMSG	String	Appropriate Response Message
TRNID	Numeric	API Transaction ID
CUSTNO	Numeric	Customer Mobile or ID
AMT	Numeric	Transaction Amount
TRNSTATUS	Numeric	Transaction Status 1 = Success 2 = Provider Failed 3 = System Failed 4 = Hold 5 = Refunded 6 = Under Queue/Request Accepted
STATUSTEXT	String	Transaction Status Message
TRNREFNO	String	Transaction Ref. No. supplied in request
OPRID	String	Operator Transaction ID (If available)
OPRTID	String	Operator Transaction ID (If available)

Response Ex. :

```
<MRRESP><RESPTYPE>TRNST</RESPTYPE><STCODE>0</STCODE><STMSG>Success</STMSG><TRNID>123</TRNID><CUSTNO>9825098250</CUSTNO><AMT>11.00</AMT><TRNSTATUS>1</TRNSTATUS><STATUSTEXT>Success</STATUSTEXT><TRNREFNO>123</TRNREFNO><OPRID>12345</OPRID><OPRTID>OP12345</OPRTID></MRRESP>
```

Note: You can send either TRNNO (Your Transaction No) or CNO (Mobile No/ Customer ID)

6. ChangeSMSPin

Request:

Parameter	Data Type	Description
REQTYPE	String	Appropriate Request Type
UID	Numeric	Retailer's 10 Digit Mobile No
PWD	Numeric	4 Digit Retailer's SMS Password

Request Ex. :
<MRREQ><REQTYPE>CHPIN</REQTYPE><UID>999999999</UID><PWD>1234</PWD></MRREQ>

Response:

Parameter	Data Type	Description
RESPTYPE	String	Appropriate Response Type
STCODE	Numeric	Status of Particular Request 0 = Success 1 = Not Success 9 = Error
STMSG	String	Appropriate Response Message

Response Ex. :
<MRRESP><RESPTYPE> CHPIN </ RESPTYPE ><STCODE>0</STCODE><STMSG> Your Pin is successfully changed.
Your new Pin is: 9876</STMSG></MRRESP>

7. ComplaintRegister

Request:

Parameter	Data Type	Description
REQTYPE	String	Appropriate Request Type
UID	Numeric	Retailer's 10 Digit Mobile No
PWD	Numeric	4 Digit Retailer's SMS Password
CTYPE	Numeric	Complaint Type 1 = Mobile 2 = DTH 3 = Bill Pay 4 = Bus 5 = Railway 6 = Cinema 9 = Service
CDTL	String	Complaint Details
Request Ex. : <MRREQ><REQTYPE>CMP</REQTYPE><UID>999999999</UID><PWD>1234</PWD><CTYPE>1</CTYPE><CDTL>Complaint</CDTL></MRREQ>		

Response:

Parameter	Data Type	Description
RESPTYPE	String	Appropriate Response Type
STCODE	Numeric	Status of Particular Request 0 = Success 1 = Not Success 9 = Error
STMSG	String	Appropriate Response Message
Response Ex. : <MRRESP><RESPTYPE>CMP</RESPTYPE><STCODE>0</STCODE><STMSG>Your Complaint Registered Successfully, Ref No: 123</STMSG></MRRESP>		

Transaction Status Call Back: (Kindly map your Call Back URL)

Parameters (We will provide you below parameters):

- **ID** = APICODE
- **TNO** = Your Transaction Reference Number supplied in Transaction Request
- **ST** = Status
- **STMSG** = Status Description
- **TID** = API Transaction Number
- **OPRTID** = Operator Transaction ID
- **PRB** = Pre Balance
- **POB** = Post Balance
- **DP** = Discount in Percentage (%)
- **DR** = Discount in Rupees (Rs)

Sample Response:

<http://www.yourdomain.com/Response.aspx?ID=ABC&TNO=11111&ST=1&STMSG=Success&TID=1001&OPRTID=123456789&PRB=0&POB=0&DP=0&DR=0>

Status = 1 ->Success

Status = 4/6 ->Hold

Status = 2/3 ->Failed

Status = 5 ->Refunded

HTTP Request Method: POST