

## Mobile & DTH Recharge API Documentation

API stands for Application Programming Integration which is widely used to integrate and enable interaction with other software's, much in the same way as a user interface facilitates interaction between humans and computers. Our API codes can be easily integrated to any web or software application.

**Our Robust & Stable HTTP API's is Compatible with all Programming Languages & Operating Systems. Easy to Integrate & Use**

## API Version & Updated Details

**Last Updated On : 03-November-2012**

**API Version : 3.5**

## Benefits of Mobile & DTH Recharge API

- ✓ You can start your own Mobile & DTH Recharge Online Store
- ✓ You can develop Mobile, DTH & Data Card Recharge Software and Resell
- ✓ You can accept Postpaid Bills

## How API Works

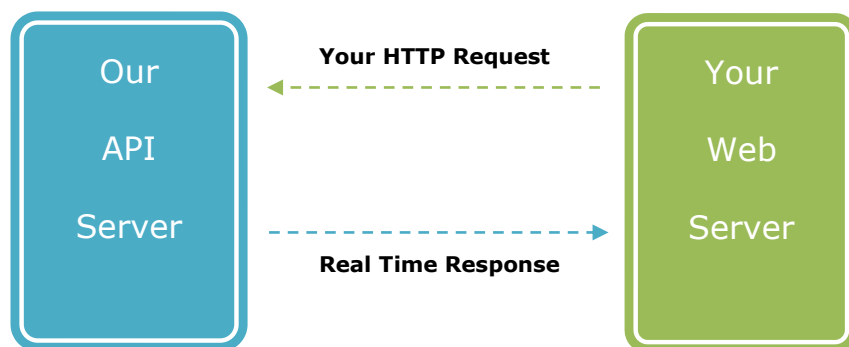
The API works on GET and POST METHOD, and the URL to be used is **http://yourdomain/api/recharge.php**

Note : Replace "**yourdomain**" with your connecting site URL. For more details please refer the "**API's & Downloads**" section in your Web Control Panel.

Whenever you submit or enquire any request through our API's the system immediately gives you the response as comma separated format.

**Delimiter** : We are using comma ( , ) as a delimiter to separate each records in a Response

### Sample Response Diagram



## List of Available API's

- API for Mobile,DTH & Data Card Recharge
- API for Paying Post Paid Bills
- API for Checking Account Balance.
- API for Finding Mobile Operator & Circle.
- API for Checking Recharge Status
- API for Report Recharge Disputes
- API for Automatic Reversal Notification

## The variables to be used are:

uid	Unique id for API
pin	API authentication PIN
number	Mobile number/DTH Subscriber Code
circle	Circle ID (see the list below)
operator	Operator ID (see the list below)
amount	Amount to be recharged Min Rs 10
special	Special Recharge Operator Code
usertx	Client Unique Transaction ID (Optional)

## UID & PIN – Security Authentication

Our API works with Unique UID & PIN, which is not associated with your web account username or password, even if you change your password of the web control panel API will work, if you need to generate new PIN, please login to your control panel and Generate New PIN.

Go To -> API's & Downloads -> Settings -> Generate API PIN

Note : For using Mobile, DTH & Data Card Recharge API's API access should be enabled in your account, for enabling API access please contact your administrator.

## Server IP White Listing

For security reasons we highly recommend to white list your Server IP Address with us before starting commercial use. You can White List any number of IP Addresses.

Go TO -> API's & Downloads -> Settings -> White Listed IP's -> Enter your Server IP

## Recharge Request API

`http://yourdomain/api/recharge.php?uid=U_I_D&pin=P_I_N&number=DTH/MO  
B_NUMBER&circle=CIR_CODE&operator=OP_CODE&amount=AMOUNT`

In response to your API call our system will immediately provide the following parameters as comma separated values for your future reference

### RESPONSE FOR NOMAL RECHARGE/TOP-UP

-----  
TxID,Status,Amt Debited, Balance

### RESPONSE FOR PIN-BASED RECHARGE/TOP-UP

-----  
TxID,Status,Amt Debited,PIN, Balance

**TxID** : Unique Transaction Id for your Recharge

**Status** : SUCCESS/FAILURE

**Amt Debited** : Amount Debited from your account.

**Balance** : Available balance in your account after the transaction

**PIN** : For PIN based Recharge you will get the PIN, you can pass it to your customer, they can further recharge by calling the customer care.

We have only 2 Statuses "**SUCCESS**" & "**FAILURE**" if you are getting "FAILURE" for any reasons we will not debit your recharge balance.

**Note** : Airtel & SUN DTH is available on PIN Based Recharge Also

## Recharge Request Using Your Own Unique Transaction ID

You can also pass your own unique recharge transaction ID to our system by passing an additional parameter `usertx=Your_Unique_Transaction_ID`

### Sample API Request Using Your Unique Transaction ID

```
http://yourdomain/api/recharge.php?uid=U_I_D&pin=P_I_N&number=DTH/MOB_NUMBER&circle=CIR_CODE&operator=OP_CODE&amount=AMOUNT&usertx=User_Txn_ID
```

### RESPONSE FOR NOMAL RECHARGE/TOP-UP

-----  
TxID, YourTxnID, Status, Amt Debited, Balance  
409555,123,SUCCESS,10,970

**TxID** : Unique Transaction Id for your Recharge

**YourTxnID** : The Transaction Id passed by you.

**Status** : SUCCESS/FAILURE

**Amt Debited** : Amount Debited from your account.

**Balance** : Available balance in your account after the transaction

**Please note your Transaction ID should be unique else system will decline the request**

We have only 2 Statuses **"SUCCESS"** & **"FAILURE"** if you are getting **"FAILURE"** for any reasons we will not debit your recharge balance.

## API for Special Recharge Request

We have two methods for Submitting Special Recharge Request

### 1. Passing Additional Parameter

### 2. Passing Separate Operator Code

**Special Recharges are available only for the following Operators**

BSNL | Tata Docomo | Uninor | Videocon | MTNL Mumbai

### Option 1 : Passing Additional Parameter

You can pass an additional variable "**special=special\_code**" to your existing API's

### Examples

Docomo Special : operator=11&special=01

Uninor Special : operator=16&special=01

Videocon Special : operator=17&special=01 (Under Technical Integration)

BSNL Special : operator=3&special=01

For BSNL 3 types of Special Recharges are available

01=Recharge/Validity (RCV)

02=3G

03 = Special Topup Vouchers (STV)

### Sample API Request (Special Recharges)

```
http://yourdomain/api/recharge.php?uid=U_I_D&pin=P_I_N&number=DTH/MOB_NUMBER&circle=CIR_CODE&operator=OP_CODE&special=SPECIAL_CODE&amount=AMOUNT
```

## Option 2. Passing Separate Operator Code

This option allows you to pass separate operator code and don't required additional parameters, Operator Code as mentioned below

Tata Docomo Special : 1101

Uninor Special : 1601

Videocon Special : 1701 (Under Technical Integration)

BSNL Recharge/Validity (RCV) : 301

BSNL 3G : 302

BSNL Special Topup Vouchers (STV) : 303

## Default Sample API Call & Responses

```
http://yourdomain/api/recharge.php?uid=U_I_D&pin=P_I_N&number=DTH/MOB  
_NUMBER&circle=CIR_CODE&operator=OP_CODE&amount=AMOUNT
```

### SAMPLE SUCCESS RESPONSE FOR NOMAL RECHARGE/TOP-UP

-----

6234,SUCCESS,97.5,2000

TxID,Status,Amt Debited, Balance

### SAMPLE SUCCESS RESPONSE FOR PIN-BASED RECHARGE/TOP-UP

-----

6235,SUCCESS,97.5,1000986376846835,2000

TxID,Status,Amt Debited,PIN, Balance

### SAMPLE FAILURE RESPONSE FOR NOMAL RECHARGE/TOP-UP

-----

6234,FAILURE,0,2000,Reason for failure

Txn\_Id,Status,YourCost,Balance,Failure\_Message

## Sample API Call & Responses with Your Transaction ID

`http://yourdomain/api/recharge.php?uid=U_I_D&pin=P_I_N&number=DTH/MOB_NUMBER&circle=CIR_CODE&operator=OP_CODE&amount=AMOUNT&usertx=Your_Unique_Transaction_ID`

### SAMPLE SUCCESS RESPONSE FOR NOMAL RECHARGE/TOP-UP

-----

6234,123,SUCCESS,97.5,2000

TxID, YourTxnID, Status, Amt Debited, Balance

### SAMPLE SUCCESS RESPONSE FOR PIN-BASED RECHARGE/TOP-UP

-----

6235,123,SUCCESS,97.5,100098846835,2000

TxID, YourTxnID, Status, Amt Debited, PIN, Balance

### SAMPLE FAILURE RESPONSE FOR NOMAL RECHARGE/TOP-UP

-----

6234,123,FAILURE,0,2000,Reason for failure

Txn\_Id, Your\_Txn\_ID, Status, YourCost, Balance, Failure\_Message

## Fetching your Current Recharge Balance

`http://yourdomain.com/api/balance.php?uid=your_uidpin=your_pin&route=recharge`

### Response

1983

Current Available Balance



## Finding Mobile Operator & Circle Code

`http://yourdomain.com/api/getnetwork.php?uid=Your_UID&pin=Your_API_PIN&mobile=Mobile_Number`

### Response as below

2,11 (Operator Code, Circle Code)

Note : This option will not work if mobile number is ported, so while implementing this feature please confirm the operator name and circle details with customer before passing the information to our API

This option is not applicable for DTH Operators & Ported Numbers.

## Reporting Recharge Disputes

`http://yourdomain.com/api/dispute.php??uid=Your_UID&pin=Your_API_PIN&txid=Recharge-Transaction-ID`

### Report Using Your Unique Transaction ID

`http://yourdomain.com/api/dispute.php??uid=Your_UID&pin=Your_API_PIN&user tx =Your-Transaction-ID`

### Response as below If Dispute Raised Successfully

1234

It simply return the Our Transaction ID/Your Transaction ID depends on the Request Type

### If Request Not Submitted

0

If you are getting "0" as response then possible reasons are below

1. Invalid Transaction ID
2. Transaction ID not belongs to your account
3. Transaction is Failed or Reversed

## Checking Recharge Status

`http://yourdomain.com/api/rechargestatus.phpuid=Your_UID&pin=Your_API_PIN  
&txid=Transcation_ID`

### Checking Using Your Unique Transaction ID

`http://yourdomain.com/api/rechargestatus.phpuid=Your_UID&pin=Your_API_PIN  
&usertx =Your-Transaction-ID`

### Below are the Status responses

#### If transaction is Success

SUCCESS

#### If transaction is Failure

FAILURE

#### If transaction is Reversed

REVERSED,Balance : 1834.4828 | Balance After Reverse : 1884.4828 | Reverse  
Time :11-01-2012 10:05 PM

Note : As we are running recharge automated script in every 2 hours we humbly request you to trigger this API only after 2 hours from the time of transaction in order to get the final and correct status.

If you are calling this API just after the transaction then you might get empty response from our API.

## Reverse Notification API

This option allows you to automate the reversal of the dispute transactions. Whenever a dispute transaction is reversed at our end we will trigger the URL configured by you along with the Our Transaction ID / Your Unique Transaction ID, Status & Details. In order to Start Using this option first you have to configure the Reversal URL in our Web Control Panel.

To Configure your Reversal URL Login to your Web Panel **Go To ->API's & Downloads -> Recharge HTTP API-> Reverse Notification**

### Sample URL with Our Unique Transaction ID

`http://yourdomain.com/reverse.php?txnid=#TXID#&status=#STATUS#&details=#DETAILS#`

### Sample URL with Your Unique Transaction ID

`http://yourdomain.com/reverse.php?txnid=#USERTXID#&status=#STATUS#&details=#DETAILS#`

Please use this option only if you have submitted the recharge request with Your Unique Transaction ID

### Parameters

**yourdomain.com** = Your Server Domain or IP (Mandatory)

**reverse.php** = Your Processing File (Mandatory)

**#TXID#** = The Unique Transaction ID (Mandatory)

**#USERTXID#** = Your Unique Transaction ID (Mandatory)

**#STATUS#** = REVERSED

**#DETAILS#** = Balance Before & After the Reverse along with Time

Tips : By configuring the URL you can automate the complete recharge reversal cases without any manual intervention.

## Security Tips & Suggestions

We have implemented all the Security Measurement to avoid any misuse of our Recharge API Server. The below options can be added or edited only through your Web Based Interference for Security Reasons.

1. Changing the PIN of the API
2. White Listing your Server IP
3. Configuring Auto Reversal Notification URL

### Tips & Suggestions

1. Don't share the API Parameters with others
2. Always Whitelist your Server IP Address Go To -> **API's & Downloads -> Settings -> White Listed IP's -> Enter your Server IP**
3. Change your API PIN Frequently
4. Monitor your Recharge Server Regularly
5. Use Dedicated Servers or VPS for better Security of your data.
6. For Reverse Notification accept only requests from our Server IP 173.192.56.210
7. For Reverse Notification pass any additional key along with the URL for hardening the security.

In case if you found any misuse of the API then Login to your Web Based Control Panel and Change your API PIN Immediately.

## Billing & Detailed Commission Statics

In order to keep our API Simple & Light we have not included the Billing & Commission Statics through API, however all the details can be viewed and export from your Comprehensive Online Web Panel.

**Recharge -> My Commission** : Your Commission Structure Overview

**Recharge -> Commission Earned** : Detailed Commission Earned

**Recharge -> Recharge History** : Your Complete Recharge History

**Recharge -> Statics** : Geographic and Operator Wise Statics

**My Accounts -> Billing Summary** : Your Complete Billing Summary

Circle ID	Circle
1	Andhra Pradesh
2	Assam
3	Bihar & Jharkhand
4	Chennai
5	Delhi
6	Gujarat
7	Haryana
8	Himachal Pradesh
9	Jammu & Kashmir
10	Karnataka
11	Kerala
12	Kolkata
13	Maharashtra & Goa (except Mumbai)
14	Madhya Pradesh & Chhattisgarh
15	Mumbai
16	North East
17	Orissa
18	Punjab
19	Rajasthan
20	Tamil Nadu
21	Uttar Pradesh - East
22	Uttar Pradesh - West
23	West Bengal

Operator ID	Operator Name
1	Airtel
31	Airtel Postpaid
2	Vodafone
33	Vodafone Postpaid
3	BSNL TopUp
301	BSNL Recharge/Validity (RCV)
302	BSNL 3G
303	BSNL Special (STV)
4	Reliance CDMA
34	Reliance CDMA Postpaid
5	Reliance GSM
35	Reliance GSM Postpaid
6	Aircel
7	MTNL Delhi (Under Integration)
25	MTNL Mumbai - TopUp
2501	MTNL Mumbai - Recharge
8	Idea
32	Idea - Postpaid
9	Tata Indicom
10	Loop Mobile
11	Tata Docomo
1101	Tata Docomo Special
12	Virgin CDMA

13	MTS
14	Virgin GSM
15	S Tel
16	Uninor
1601	Uninor Special
17	Videocon
1701	Videocon Special
<b>DTH Operators</b>	
18	Dish TV DTH
19	Tata Sky DTH
20	Big TV DTH
21	Videocon DTH
22	Sun DTH
23	Airtel DTH
<b>Data Card Operators</b>	
4	Reliance NetConnect 1X
4	Reliance NetConnect 3G
4	Reliance NetConnect+
9	Tata Photon Whiz
9	Tata Photon+
13	MTS MBlaze
13	MTS MBrowse