

# mSpace API Guide

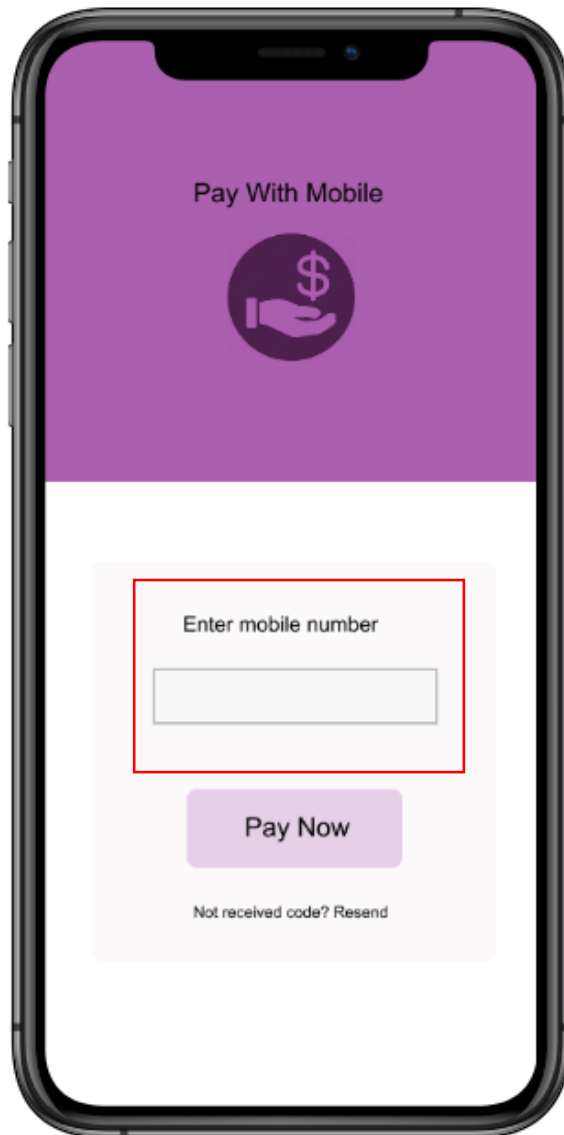


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## SUBSCRIPTION PROCESS

The user visits your app or web page and enters their mobile number.



You will receive the mobile number from the web page and need to call the OTP request API.

### 1.1.OTP REQ

Please update the following details in the below request:

- **applicationId**
- **password (the one received in limited production)**
- **subscriberId (the mobile number entered in your web page or app)**

URL `https://api.mspace.lk/otp/request`

```
{  
  "applicationId": "APP_008542",  
  "password": "d927d68199499f5e7114070bf88f9e6e",  
  "subscriberId": "tel:94716177301",  
  "applicationHash": "abcdefgh",  
  "applicationMetaData": {  
    "client": "MOBILEAPP",  
    "device": "Samsung S10",  
    "os": "android 8",  
    "appCode": "https://play.google.com/store/apps/details?id=lk"  
  }  
}
```

**Response** will get as,

ex:

```
{  
  "version": "1.0",  
  "statusCode": "S1000",  
  "referenceNo": "213561321321613",  
  "statusDetail": "Success"  
}
```

After that, you should be received a reference number (Please note that **referenceNo.**) and an OTP to the user.

### 1.2.OTP verify

A mobile application interface for OTP verification. The top section has a purple background with the text "Pay With Mobile" and a circular icon of a hand holding a dollar sign. Below this is a white card containing the "Enter mobile number" field with the placeholder "XXXXXXXXXX", the "Enter OTP" field (highlighted with a red border), a purple "Verify" button, and a link "Not received code? Resend".

Pay With Mobile

Enter mobile number

XXXXXXXXXX

Enter OTP

Verify

Not received code? Resend

Next call the OTP verification request,

**Please update the following details in the below request:**

- **applicationId**
- **password** (the one received in limited production)
- **referenceNo** (the one received on your end)
- **otp** (entered by the user on your web page)



## OTP verify

URL <https://api.mspace.lk/otp/verify>

### Request

```
{  
  "applicationId": "APP_008542",  
  "password": "d927d68199499f5e7114070bf88f9e6e",  
  "referenceNo": "",  
  "otp": ""  
}
```

**Response** will get as,

If the charging is **successful**,

ex:

```
{  
  "version": "1.0",  
  "statusCode": "S1000",  
  "subscriptionStatus": "REGISTERED",  
  "statusDetail": "Success",  
  "subscriberId": "tel:sdfasdfasdfwqerqwtgfgsafgasfgasdfasdfasdfasdfasf"  
}
```

If the initial charging is **failed**

ex:

```
{
  "version": "1.0",
  "statusCode": "S1000",
  "subscriptionStatus": "REG_PENDING",
  "statusDetail": "Success",
  "subscriberId": "tel:sdfasdfasdfwqerqwtgfgsafgasfgasdfasdfasdfasdfasf"
}
```

- We will notify the user when the OTP verification is initiated with an SMS like the one below:

**Example:**

*Please await a confirmation SMS from mSpace regarding your registration to (APP\_Name) in order to use the service.*

- Once the charging is successful, the user will receive a confirmation message:

**Example:**

(APP\_Name) service activation successful.

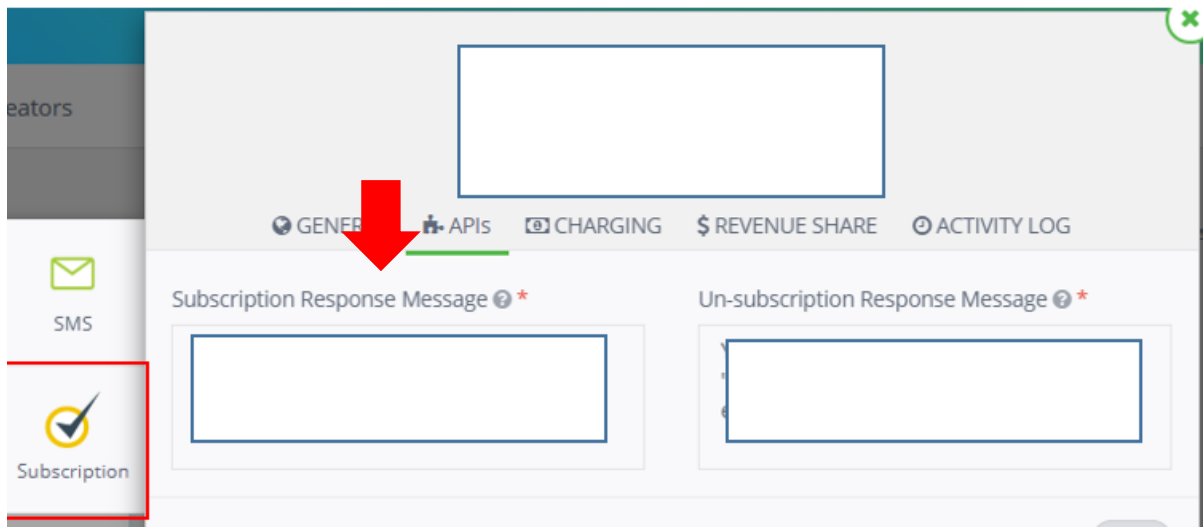
Charges: You will be charged Rs. . XXX+XX tax monthly as a subscription. **Subscription**

**Response Message**



## What is Subscription Response Message?

This should be configured during the app creation stage under the Subscription API settings.



### *If initial charging fails*

- If charging fails, the system will continue retrying for a period of 14 days (grace period).
- If payment is successful at any point during this period, the user remains subscribed, and daily renewal attempts will continue as usual.
- However, if all attempts fail within the 14-day , the user will be automatically unregistered from the service. No further charging attempts will be made unless the user re-subscribes.

### *If the initial charging is successful*

- If the initial charging is successful, the user is moved to the **Registered** stage, and daily charging continues until the user unsubscribes from the service.  
If the mobile account does not have sufficient credit, the user is moved to a **Temporary\_Blocked** stage. Once the account has sufficient balance again, the user is automatically moved back to the **Registered** stage.
- Partial charging is applicable during the renewal process.

Please **do not call any other APIs** until the **OTP verification process is successfully completed**.

After the subscription process is completed, use the **masked number** received from the OTP verification to proceed with the next requests.

In this process, you are required to maintain a database that stores both the **plain mobile number** (entered by the user) and the corresponding **masked number** (provided after OTP verification).

You will collect the **plain mobile number** from the user when they enter it on your web page or app during the OTP request stage. After successful OTP verification, we will send you the **masked number**.

It is your responsibility to store and manage both the plain and masked numbers in your database for further reference and processing.

## 2.Subscription Renewal

mSpace will handle the renewal process. Your web or mobile app does not need to trigger any API to initiate this process. However, if you wish to check the subscriber's status after renewal, you may implement a scheduler to call the `getSubscriberStatus` API at your preferred frequency or whenever the subscriber logs into the web or mobile app.

### 2.1.Subscriber Status

URL : <https://api.mspace.lk/subscription/getStatus>

#### Subscriber Status request

```
{  
  "applicationId": "APP_999999",  
  "password": "95904999aa8edb0c038b3295fdd271de",  
  "subscriberId": "tel:masked number"  
}
```

**Subscriber Status response** will get as,

ex:

```
{  
  "version": "1.0.",  
  "statusCode": "S1000",  
  "statusDetail": "Request was successfully processed",  
  "subscriptionStatus": "UNREGISTERED."  
}
```

Status of the subscription

- INITIAL
- REG\_PENDING
- REGISTERED
- UNREGISTERED
- TEMPORARY\_BLOCKED

## **2.2.subscription/getSubscriberChargingInfo**

For charging details, you can use the this API

URL: <https://api.mspace.lk/subscription/getSubscriberChargingInfo>

**request**

```
{  
  "applicationId": "APP_102672",  
  "password": "cf2b9e361c13bc54b86d3c8180b0582fd",  
  "subscriberIds": [  
    "tel: masked number",
```

```
]
}
```

#### Response

```
{
  "version": "1.0",
  "destinationResponses": [
    {
      "subscriberId": "tel: masked number",
      "subscriptionStatus": "REGISTERED",
      "lastChargedDate": "2020-01-23 22:03:22",
      "lastChargedAmount": "30.00 LKR",
      "numberType": "postpaid",
      "statusCode": "S1000",
      "statusDetail": "Request was successfully processes"
    }
  ],
  "statusCode": "S1000",
  "statusDetail": "Success."
}
```

## 3.SMS API

This service allows users to send SMS messages to one or more devices (phones or any SMS-enabled device) directly from the application.

### 3.1.Use Case

This can be used for the issue raised under **HE(5.SMS API required)** .

You can utilize this SMS API to send OTPs (One-Time Passwords) or any promotional messages to users. However, please note the following:

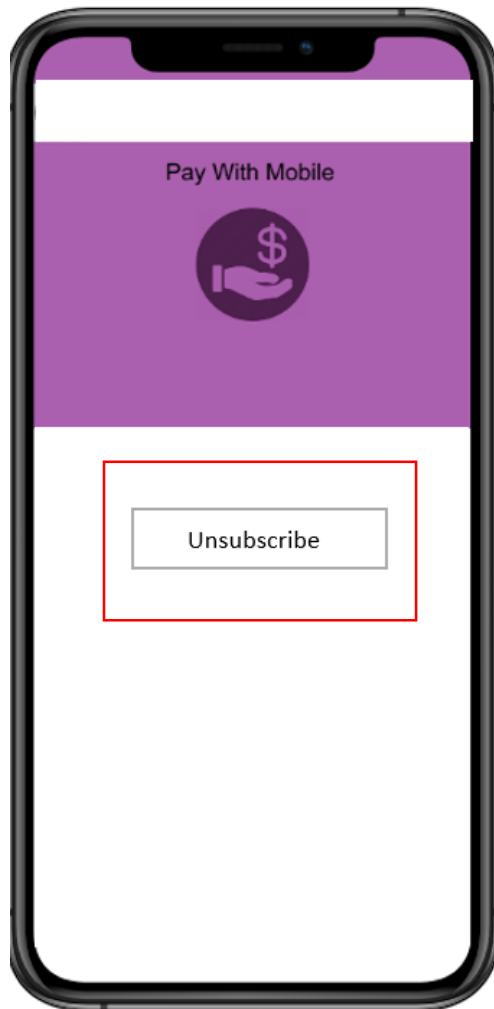
- **OTP Verification:** mSpace **does not** provide OTP verification within the mSpace platform. You will need to handle all OTP-related verification processes on your side.
- **Sending OTP or Promotional Messages:** If you need to send an OTP as an SMS, you can request it via your portal. Once the OTP is entered, you can provide the user with access to your app's content.

### 3.2.Important Note

Please **do not use mSpace's name** in this process or flow, as mSpace is not involved in this OTP verification.

## 4.Unsubscription

For users who wish to deactivate, there must be an option to unregister via the web page or app. To handle this, please call the unsubscribe API from your side to remove them from the service.



### Request:

Use subscription API with "action": "0"

URL <https://api.mspace.lk/subscription/send>

```
{  
  "applicationId": "APP_008542",  
  "password": "d927d68199499f5e7114070bf88f9e6e",  
  "subscriberId": "tel:masked number",  
  "action": "0"  
}
```

**Response:**

```
{  
  "version": "1.0.",  
  "statusCode": "S1000",  
  "statusDetail": "not registered",  
  "subscriptionStatus": "UNREGISTERED."  
}
```

**User Receives Message from mSpace After unregistration**

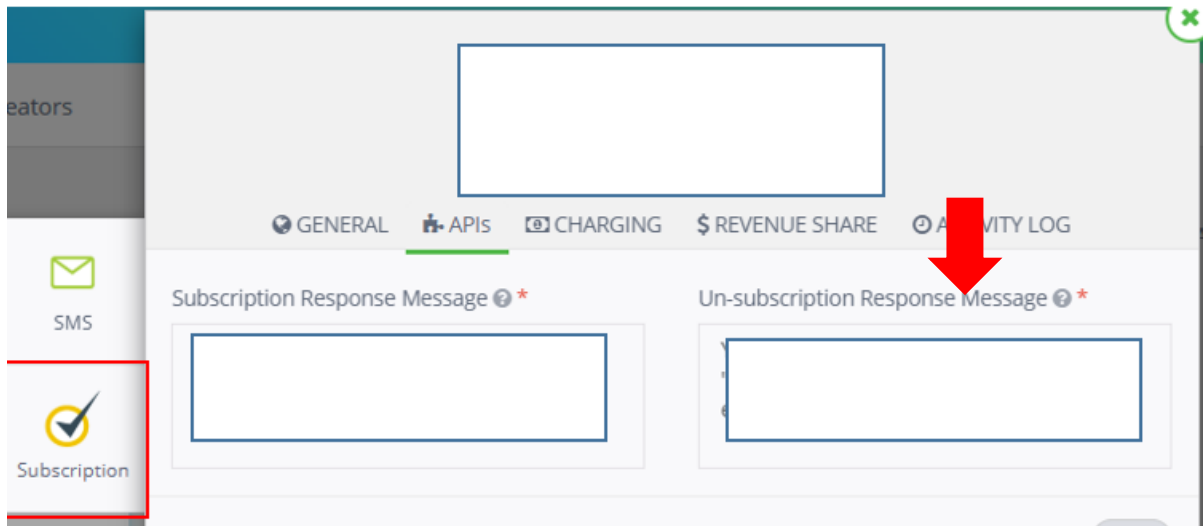
Ex:

Thank you for using (APP\_name). You are successfully unsubscribed from the service.

**Un-subscription Response Message**

**What is Un-Subscription Response Message?**

This should be configured during the app creation stage under the Subscription API settings.



For more details, please refer to the [mSpace API Documentation](#).

If you require further assistance, feel free to contact us via:

📞 **Support Line:** +94 70 272 5777

✉️ **Email:** mspacesupport@mobitel.lk