

# iSmart SMS

## iBulk SMS – Web Services

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## 1 Introduction

This document provides details for iSmart SMS Web Service Method, which can be used by the client applications to send messages.

## 2 Web Service Description

**Web Service URL:**

<http://ismartsms.net/iBulkSMS/webservice/iBulkSMS.asmx>

**Secure URL:**

<https://ismartsms.net/iBulkSMS/webservice/IBulkSMS.asmx>

**WSDL Description URL:**

<http://ismartsms.net/iBulkSMS/webservice/IBulkSMS.asmx?WSDL>

### Method for sending SMS

`int PushMessage(String UserID, String Password, String Message, int Language, DateTime ScheddateTime, String[] Recipients, int RecipientType)`

### Parameters Description:

**User ID** (String): User ID to access the service, provided by Infocomm to the client.

**Password** (String): Password to access the service, provided by Infocomm to the client.

**Message** (String): Text message to be sent. Message length description is given in next section.

**Language** (int): Allowed values are 0 for English and 64 for Arabic.

**ScheddateTime** (DateTime): Date when message should be delivered.

**Recipients** (string[]): Array of mobile numbers. At least one mobile must be provided. All numbers

must start with 968. Please do not start number with + or 00.

**RecipientType** (int): For Flash SMS send 9 or for normal SMS Just send 1 for every message

### 3 Message length and Encoding

#### English Messages:

English 1 Part Message = 160 characters

English 2 Part Message = 306 characters

English 3 Part Message = 459 characters

English 4 Part Message = 612 characters

English 5 Part Message = 765 characters

#### Arabic Messages:

Arabic 1 Part Message = 70 characters

Arabic 2 Part Message = 134 characters

Arabic 3 Part Message = 201 characters

Arabic 4 Part Message = 268 characters

Arabic 5 Part Message = 335 characters

Note: including space and full stop

## 4 Return Codes

The following return codes can be returned from the http web service.

Error code	Description
1	Message Pushed
2	Company Not Exits. Please check the company
3	User or Password is wrong
4	Credit is Low
5	Message is blank
6	Message Length Exceeded
7	Account is Inactive
8	No Recipient found, array length is zero
9	One or more mobile numbers are of invalid length
10	Invalid Language
11	Un Known Error
12	Account is Blocked by administrator, concurrent failure of login.
13	Account Expired
14	Credit Expired
18	Web Service User ID not configured with Infocomm.
20	Client IP Has been Blocked, Please contact to Administrator.
21	Client IP is outside Oman, Outside Oman IP are not allowed to access web service.
23	Mobile Number Optout by the customer. SMS Not Sent

## 5 WSDL Description

The following is WSDL contents.

```

<?xml version="1.0" encoding="utf-8" ?>
- <wsdl:definitions xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
  xmlns:tm="http://microsoft.com/wsdl/mime/textMatching/"
  xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:mime="http://schemas.xmlsoap.org/wsdl/mime/" xmlns:tns="http://tempuri.org/"
  xmlns:s="http://www.w3.org/2001/XMLSchema"
  xmlns:soap12="http://schemas.xmlsoap.org/wsdl/soap12/"
  xmlns:http="http://schemas.xmlsoap.org/wsdl/http/" targetNamespace="http://tempuri.org/"
  xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/">
- <wsdl:types>
- <s:schema elementFormDefault="qualified" targetNamespace="http://tempuri.org/">
- <s:element name="PushMessage">
- <s:complexType>
- <s:sequence>
  <s:element minOccurs="0" maxOccurs="1" name="UserID" type="s:string" />
  <s:element minOccurs="0" maxOccurs="1" name="Password" type="s:string" />
  <s:element minOccurs="0" maxOccurs="1" name="Message" type="s:string" />
  <s:element minOccurs="1" maxOccurs="1" name="Language" type="s:int" />
  <s:element minOccurs="1" maxOccurs="1" name="ScheddateTime" type="s:dateTime" />
  <s:element minOccurs="0" maxOccurs="1" name="Recipients" type="tns:ArrayOfString" /> <
s:element minOccurs="1" maxOccurs="1" name="RecipientType" type="s:int" />
  </s:sequence>
  </s:complexType>
  <pe>
  </s:element>
- <s:complexType name="ArrayOfString">
- <s:sequence>
  < s:element minOccurs="0" maxOccurs="unbounded" name="string" nillable="true" type="s:string" />
  </s:sequence>
  </s:complexType>
  <pe>
- <s:element name="PushMessageResponse">
- <s:complexType>
- <s:sequence>
  < s:element minOccurs="1" maxOccurs="1" name="PushMessageResult" type="s:int" />
  </s:sequence>
  </s:complexType>
  <pe>
  </s:element>

```



```

</s:schema>
</wsdl:types>
- <wsdl:message name="PushMessageSoapIn">
  < wsdl:part name="parameters" element="tns:PushMessage" />
  </wsdl:message>
- <wsdl:message name="PushMessageSoapOut">

  < wsdl:part name="parameters" element="tns:PushMessageResponse" />
  </wsdl:message>
- <wsdl:portType name="IBulkSMSSoap">
- <wsdl:operation name="PushMessage">
  <wsdl:input message="tns:PushMessageSoapIn" />
  < wsdl:output message="tns:PushMessageSoapOut" />
  </wsdl:operation>
  </wsdl:portType>
- <wsdl:binding name="IBulkSMSSoap" type="tns:IBulkSMSSoap">
  <soap:binding transport="http://schemas.xmlsoap.org/soap/http" />
- <wsdl:operation name="PushMessage">
  <soap:operation soapAction="http://tempuri.org/PushMessage" style="document" />
- <wsdl:input>
  < soap:body use="literal" />
  </wsdl:input>
- <wsdl:output>
  < soap:body use="literal" />
  </wsdl:output>
  </wsdl:operation>
  >
  </wsdl:binding>
- <wsdl:binding name="IBulkSMSSoap12" type="tns:IBulkSMSSoap">
  <soap12:binding transport="http://schemas.xmlsoap.org/soap/http" />
- <wsdl:operation name="PushMessage">
  <soap12:operation soapAction="http://tempuri.org/PushMessage" style="document" />
- <wsdl:input>
  < soap12:body use="literal" />
  </wsdl:input>
> - <wsdl:output>
  < soap12:body use="literal" />
  </wsdl:output>
  </wsdl:operation>
  </wsdl:binding>
- <wsdl:service name="IBulkSMS">
- <wsdl:port name="IBulkSMSSoap" binding="tns:IBulkSMSSoap">
  < soap:address location="http://ismartsms.net/iBulkSMS/webservice/IBulkSMS.asmx" />
  </wsdl:port>

```

```
=<wsdl:port name="IBulkSMSSoap12" binding="tns:IBulkSMSSoap12">  
  <soap12:address location="http://ismartsms.net/iBulkSMS/webservice/IBulkSMS.asmx" /> </wsdl:port>  
  </wsdl:service>  
  </wsdl:definitions  
>
```