



iSmart SMS

SMS PUSH- Webservice

API Document

Dated: 14-Mar-2021

Rev 1.0

***Infocomm Group LLC
Knowledge Oasis Muscat
KOM 5, Lower Ground Floor
PO Box: 9, PC: 124, Rusayl, Muscat,
Sultanate of Oman
Tel- +968 24151020/1 Fax- +968 24151029***



CONTENTS

1	SUMMARY	3
2	WEBSERVICE API - URL	4
3	WEBSERVICE API – PARAMETERS	5
4	WEBSERVICE API – WSDL	6
5	MESSAGE LENGTH AND ENCODING	8
6	HTTP GET METHOD API – RETURN CODES	9
7	SUPPORT	10

1 Summary

This document provided required details for iSmart SMS web services which can be used by the client applications to deliver messages using web service.



2 Webservice API - URL

Webservice API URL:

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

WSDL Description URL:

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



3 Webservice API – Parameters

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): Not Supported as of now. Just send 10 for every message

4 Webservice API – WSDL

```

<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/" xmlns:wSDL="http://schemas.xmlsoap.org/wsdl/" targetNamespace="http://tempuri.org/">
<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>
</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>
<s:element name="PushMessageResponse">
<s:complexType>
<s:sequence>
<s:element minOccurs="1" maxOccurs="1" name="PushMessageResult" type="s:int"/>
</s:sequence>
</s:complexType>
</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="IBulkSMS SOAP">
<wsdl:operation name="PushMessage">
<wsdl:input message="tns:PushMessageSoapIn"/>
<wsdl:output message="tns:PushMessageSoapOut"/>
</wsdl:operation>
</wsdl:portType>
<wsdl:binding name="IBulkSMS SOAP" type="tns:IBulkSMS SOAP">
<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="https://ismartsms.net/iBulkSMS/webservice/IBulkSMS.asmx"/>
</wsdl:port>
<wsdl:port name="IBulkSMSSoap12" binding="tns:IBulkSMSSoap12">
<soap12:address location="https://ismartsms.net/iBulkSMS/webservice/IBulkSMS.asmx"
/>
</wsdl:port>
</wsdl:service>
</wsdl:definitions>
```

5 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

6 HTTP GET Method API – Return Codes

Return Code	Description
1	Message Pushed successfully.
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	Mobile No length is empty.
9	Invalid Mobile No.
10	Invalid Language.
11	Un Known Error.
12	Account is Blocked.
13	Account Expired.
14	Credit Expired.
15	Invalid Http request or Parameter fields are wrong.
16	Invalid date time parameter.
17	Web Service user Id not registered.
18	User Not Register to use webservice
19	Header Not registers with Infocomm.
20	Client IP Address has been blocked.
23	Mobile Number Optout by the customer.

7 Support

For any clarifications or support, please send an email to support@ismartsms.net

Level 1

Mohammed Yaseen

Mobile: +968 98292257

Email: yaseen@i-grp.com

Level 2

Shahid Husain

Mobile: +968 93201227

Email: shahid@i-grp.com

Level 3 – Non Technical

Rehan Moosa

Mobile: +968 92105059

Email: rehan@i-grp.com