



iSmart SMS

SMS PUSH- Webservice

API Document

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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 by administrator, concurrent failure of login. |
| 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. |

7 Support

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

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