

**WIZCOM LTD.**  
***VISION* Handset Configuration**  
Whitepaper v1.0.2

- all contents are subject to change -



# 1 Introduction

MMS, GPRS WAP, CSD WAP and E-Mail can all be instantly configured at the touch of a button. Our handset configuration solutions utilise OTA (Over-The-Air) technology and ensure that end users have instant access to services delivering enriched customer experience and additional network ARPU.

The Wizcom *VISION* Handset Configuration enables customers to request that network specific settings are sent Over-The-Air to a mobile device.

## 2 Interface Details

Customers send requests for configuration messages via a SOAP interface to the Wizcom servers.

### 2.1 Set-up

Wizcom will provide the customer with the following information:

Data	Description	Example
<b>Username</b>	Username of the customer account	user1732
<b>Password</b>	Password for the customer account	password
<b>URL</b>	URL of the Wizcom <i>VISION</i> server	http://ota.apps.wizcommerce.com

### 2.2 Interface Specification

There are three interfaces available, provided by a SOAP interface (WSDLs in Appendix)

1. Network Lookup – this interface enables the customer to get a list of currently supported Networks for sending Configuration Settings
2. Handset Lookup – this interface enables the customer to get a list of Manufacturers and Models which are currently supported.
3. Send Configurations – this interface will create and send the customer's chosen settings to the given MSISDN (mobile number) specified

#### 2.2.1 Network Lookup

This interface provides an up-to-date list of Networks which it is possible to send configuration settings to, and which "tariffs" are available. A "tariff" will typically be either PrePay or PostPay (contract). In some cases there may also be relevant business "tariffs" where network settings differ. This interface provides the relevant network code.

The current list is:

<b>Network Name</b>	<b>Network Code</b>
O2 Contract	O2UK
O2 PrePay	O2UKPP
Orange Contract	ORANGEUK
Orange PrePay	ORANGEUKPP
Vodafone Contract	VODAFONEUK
Vodafone PrePay	VODAFONEUKPP
T-Mobile Contract	TMOBILEUK
T-Mobile PrePay	TMOBILEUKPP
BT Mobile	BTMOBILE
Virgin	VIRGIN
Tesco Mobile	TESCOMOBILE

The SOAP interface provides one method `lookupNetworks`, which accepts two `String` parameters, `username` and `password`. This method returns a `lookupNetworkResults` composite object, which has the members: `isError`, `errors` and `networks`. `networks` is an array of `Network` objects, which have the members `name` and `tariffs`. `tariffs` is a composite object, representing the "tariff" details, with the following members:

`name` – the name of this "tariff"

`code` – the code which should be passed to the configuration sender

`fullName` – the full name of this "tariff", including network name

`supports` – A comma-separated string of the available services for this tariff

`supportsInternet` – boolean representing if internet (data) configuration is available for this "tariff"

`supportsWap` – boolean representing if WAP configuration is available for this "tariff"

`supportsMms` – boolean representing if MMS configuration is available for this "tariff"

To determine the available network combinations, it will be necessary to iterate through the available networks, and through the available "tariffs".

### 2.2.2 Handset Lookup

This interface provides an up-to-date list of all supported handsets. There are four methods, `lookupManufacturers`, `lookupHandsetsByManufacturer`, `lookupAllHandsets` and `lookupHandsetFromUserAgent`.

`lookupManufacturers` returns a `lookupManufacturerResults` composite object, which has the members: `isError`, `errors` and `manufacturers`. `manufacturers` is an array of `Manufacturer` objects, which have the members `name` and `code`.

`lookupManufacturers` accepts two `String` parameters, `username` and `password`.

`lookupHandsetsByManufacturer` and `lookupAllHandsets` both return a `lookupHandsetResults` composite object with the members: `isError`, `errors` and `handsets`. `handsets` is an array of `Handset` objects, with the members `manufacturer`, `model`, `needsPin` and `supportsInternet`. On newer handsets, the settings are protected by a PIN to prevent installation without the customer's permission. The `needsPin` method returns a `Boolean` to show if this is the case. `supportsInternet` is a `Boolean`, to show whether this handset supports Internet

(Data) GPRS Settings. `manufacturer` and `model` both represent the internal code needed by the Configuration Sending methods.

More information is in the Send Configuration section below. Both methods require a username and password, `lookupHandsetsByManufacturer` also requires the appropriate manufacturer code, e.g. NOK.

`lookupHandsetFromUserAgent` returns a `lookupUserAgentResults` composite object, with the members: `manufacturerName`, `manufacturerCode`, `modelName` and `modelCode`. the `xxxName` members represent the human-readable form, e.g. Nokia, while the `xxxCode` members are the codes used in the other methods, e.g. NOK.

### 2.2.3 Send Configurations

This interface will build and send the configuration messages to the handset, using the MSISDN specified. There are three methods, `sendWapGprsConfiguration`, `sendMmsConfiguration` and `sendDataGprsConfiguration`. All three methods take the same parameters:

Parameter	Type	Description
<code>username</code>	String	The customer's username
<code>password</code>	String	The customer's password
<code>network</code>	String	The network code to create settings for, e.g. VODAFONEUK
<code>manufacturer</code>	String	The handset manufacturer code, e.g. NOK
<code>model</code>	String	The handset model, e.g. 6230i
<code>msisdn</code>	String	The mobile number to send settings to, in international format, e.g. 447123456789
<code>pin</code>	String	The PIN for the settings *
<code>url</code>	String	A URL to send a delivery report to, or null.

\*If a handset needs a PIN, it must be supplied as a 4 digit number (String format, to allow leading zeros). If a handset does not require a PIN, then NULL or 0000 can be sent.

All three methods return a `SendResults` composite object, with the members: `isError`, `errors` and `id`. `id` is the unique identifier for this request, used to identify delivery reports, if requested.

## 2.3 Delivery Reports

If the URL is specified in the request, then when confirmation of either successful deliver or failed delivery of the settings is received, an HTTP GET request will be made to the supplied URL. The request will contain two parameters:

Parameter	Description
id	The ID of the request, returned when configuration settings are first sent
status	Either SUCCESS or FAILURE

## 3 Appendix

### 3.1 WSDLS

#### 3.1.1 NetworkLookup

```
<?xml version="1.0" encoding="UTF-8"?>
<wsdl:definitions
  targetNamespace="http://ota.apps.wizcommerce.com/web-services/services/networkLookup"
  xmlns="http://schemas.xmlsoap.org/wsdl/"
  xmlns:apachesoap="http://xml.apache.org/xml-soap"
  xmlns:impl="http://ota.apps.wizcommerce.com/web-services/services/networkLookup"
  xmlns:intf="http://ota.apps.wizcommerce.com/web-services/services/networkLookup"
  xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:tns1="urn:BeanService"
  xmlns:tns2="http://results.soap.ota.interfaces.wizcom.com"
  xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/"
  xmlns:wsdlsoap="http://schemas.xmlsoap.org/wsdl/soap/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <wsdl:types>
    <schema targetNamespace="urn:BeanService"
      xmlns="http://www.w3.org/2001/XMLSchema">
      <import
        namespace="http://schemas.xmlsoap.org/soap/encoding/" />
      <complexType name="tariff">
        <sequence>
          <element name="code" nillable="true"
            type="xsd:string" />
          <element name="wap" type="xsd:boolean" />
          <element name="fullName" nillable="true"
            type="xsd:string" />
          <element name="mms" type="xsd:boolean" />
          <element name="supports" nillable="true"
            type="xsd:string" />
          <element name="name" nillable="true"
            type="xsd:string" />
          <element name="internet" type="xsd:boolean" />
        </sequence>
      </complexType>
      <complexType name="network">
        <sequence>
          <element name="name" nillable="true"
            type="xsd:string" />
          <element name="tariffs" nillable="true"
            type="impl:ArrayOf_tns1_tariff" />
        </sequence>
      </complexType>
      <complexType name="lookupNetworkResults">
        <complexContent>
          <extension base="tns2:LookupResults">
            <sequence>
              <element name="networks" nillable="true"
                type="impl:ArrayOf_tns1_network" />
            </sequence>
          </extension>
        </complexContent>
      </complexType>
    </schema>
    <schema
      targetNamespace="http://ota.apps.wizcommerce.com/web-
services/services/networkLookup"
      xmlns="http://www.w3.org/2001/XMLSchema">
      <import
        namespace="http://schemas.xmlsoap.org/soap/encoding/" />
      <complexType name="ArrayOf_tns1_tariff">
        <complexContent>
          <restriction base="soapenc:Array">
            <attribute ref="soapenc:arrayType"
              wsdl:arrayType="tns1:tariff[]" />
          </restriction>
        </complexContent>
      </complexType>
      <complexType name="ArrayOf_xsd_string">
        <complexContent>
```

```

                <restriction base="soapenc:Array">
                    <attribute ref="soapenc:arrayType"
                        wsdl:arrayType="xsd:string[]" />
                </restriction>
            </complexContent>
        </complexType>
    </complexType>
    <complexType name="ArrayOf_tns1_network">
        <complexContent>
            <restriction base="soapenc:Array">
                <attribute ref="soapenc:arrayType"
                    wsdl:arrayType="tns1:network[]" />
            </restriction>
        </complexContent>
    </complexType>
</schema>
<schema
    targetNamespace="http://results.soap.ota.interfaces.wizcom.com"
    xmlns="http://www.w3.org/2001/XMLSchema">
    <import
        namespace="http://schemas.xmlsoap.org/soap/encoding/" />
    <complexType name="LookupResults">
        <sequence>
            <element name="isError" type="xsd:boolean" />
            <element name="errors" nillable="true"
                type="impl:ArrayOf_xsd_string" />
        </sequence>
    </complexType>
</schema>
</wsdl:types>
<wsdl:message name="lookupNetworksResponse">
    <wsdl:part name="lookupNetworksResponse"
        type="tns1:lookupNetworkResults" />
</wsdl:message>
<wsdl:message name="lookupNetworksRequest">
    <wsdl:part name="username" type="xsd:string" />
    <wsdl:part name="password" type="xsd:string" />
</wsdl:message>
<wsdl:portType name="NetworkLookupSoap">

    <wsdl:operation name="lookupNetworks"
        parameterOrder="username password">
        <wsdl:input message="impl:lookupNetworksRequest"
            name="lookupNetworksRequest" />
        <wsdl:output message="impl:lookupNetworksResponse"
            name="lookupNetworksResponse" />
    </wsdl:operation>
</wsdl:portType>
<wsdl:binding name="networkLookupSoapBinding"
    type="impl:NetworkLookupSoap">
    <wsdlsoap:binding style="rpc"
        transport="http://schemas.xmlsoap.org/soap/http" />
    <wsdl:operation name="lookupNetworks">
        <wsdlsoap:operation soapAction="" />

        <wsdl:input name="lookupNetworksRequest">
            <wsdlsoap:body
                encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
                namespace="http://soap.ota.interfaces.wizcom.com"
use="encoded" />
        </wsdl:input>
        <wsdl:output name="lookupNetworksResponse">
            <wsdlsoap:body
                encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
                namespace="http://ota.apps.wizcommerce.com/web-
services/services/networkLookup"
                use="encoded" />
        </wsdl:output>
        </wsdl:operation>
    </wsdl:binding>
<wsdl:service name="NetworkLookupSoapService">

    <wsdl:port binding="impl:networkLookupSoapBinding"
        name="networkLookup">
        <wsdlsoap:address
            location="http://ota.apps.wizcommerce.com/web-
services/services/networkLookup" />
        </wsdl:port>
    </wsdl:service>
</wsdl:definitions>

```

### 3.1.2 HandsetLookup

```
<?xml version="1.0" encoding="UTF-8"?>
<wsdl:definitions
  targetNamespace="http://10.25.5.137:8080/web-services/services/handsetLookup"
  xmlns="http://schemas.xmlsoap.org/wsdl/"
  xmlns:apachesoap="http://xml.apache.org/xml-soap"
  xmlns:impl="http://10.25.5.137:8080/web-services/services/handsetLookup"
  xmlns:intf="http://10.25.5.137:8080/web-services/services/handsetLookup"
  xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:tns1="urn:BeanService"
  xmlns:tns2="http://results.soap.ota.interfaces.wizcom.com"
  xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/"
  xmlns:wsoap="http://schemas.xmlsoap.org/wsdl/soap/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <wsdl:types>
    <schema
      targetNamespace="http://10.25.5.137:8080/web-
services/services/handsetLookup"
      xmlns="http://www.w3.org/2001/XMLSchema">
      <import
        namespace="http://schemas.xmlsoap.org/soap/encoding/" />
      <complexType name="ArrayOf_xsd_string">
        <complexContent>
          <restriction base="soapenc:Array">
            <attribute ref="soapenc:arrayType"
              wsdl:arrayType="xsd:string[]" />
          </restriction>
        </complexContent>
      </complexType>
      <complexType name="ArrayOf_tns1_manufacturer">
        <complexContent>
          <restriction base="soapenc:Array">
            <attribute ref="soapenc:arrayType"
              wsdl:arrayType="tns1:manufacturer[]" />
          </restriction>
        </complexContent>
      </complexType>
      <complexType name="ArrayOf_tns1_handset">
        <complexContent>
          <restriction base="soapenc:Array">
            <attribute ref="soapenc:arrayType"
              wsdl:arrayType="tns1:handset[]" />
          </restriction>
        </complexContent>
      </complexType>
    </schema>
    <schema
      targetNamespace="http://results.soap.ota.interfaces.wizcom.com"
      xmlns="http://www.w3.org/2001/XMLSchema">
      <import
        namespace="http://schemas.xmlsoap.org/soap/encoding/" />
      <complexType name="LookupResults">
        <sequence>
          <element name="isError" type="xsd:boolean" />
          <element name="errors" nillable="true"
            type="impl:ArrayOf_xsd_string" />
        </sequence>
      </complexType>
    </schema>
    <schema targetNamespace="urn:BeanService"
      xmlns="http://www.w3.org/2001/XMLSchema">
      <import
        namespace="http://schemas.xmlsoap.org/soap/encoding/" />
      <complexType name="manufacturer">
        <sequence>
          <element name="code" nillable="true"
            type="xsd:string" />
          <element name="name" nillable="true"
            type="xsd:string" />
        </sequence>
      </complexType>
      <complexType name="lookupManufacturerResults">
        <complexContent>
          <extension base="tns2:LookupResults">
            <sequence>
              <element name="manufacturers"
                nillable="true"
                type="impl:ArrayOf_tns1_manufacturer" />
            </sequence>
          </extension>
        </complexContent>
      </complexType>
    </schema>
  </wsdl:types>

```

```

        </extension>
    </complexContent>
</complexType>
<complexType name="handset">
    <sequence>
        <element name="model" nillable="true"
            type="xsd:string" />
        <element name="needsPin" type="xsd:boolean" />
        <element name="supportsInternet" type="xsd:boolean" />
        <element name="manufacturer" nillable="true"
            type="xsd:string" />
    </sequence>
</complexType>
<complexType name="lookupHandsetResults">
    <complexContent>
        <extension base="tns2:LookupResults">
            <sequence>
                <element name="handsets" nillable="true"
                    type="impl:ArrayOf_tns1_handset" />
            </sequence>
        </extension>
    </complexContent>
</complexType>
<complexType name="lookupUserAgentResults">
    <complexContent>
        <extension base="tns2:LookupResults">
            <sequence>
                <element name="modelName" nillable="true"
                    type="xsd:string" />
                <element name="modelCode" nillable="true"
                    type="xsd:string" />
                <element name="manufacturerName"
                    nillable="true" type="xsd:string" />
                <element name="manufacturerCode"
                    nillable="true" type="xsd:string" />
            </sequence>
        </extension>
    </complexContent>
</complexType>
</schema>
</wsdl:types>
<wsdl:message name="lookupHandsetFromUserAgentResponse">
    <wsdl:part name="lookupHandsetFromUserAgentResponse"
        type="tns1:lookupUserAgentResults" />
</wsdl:message>
<wsdl:message name="lookupAllHandsetsResponse">
    <wsdl:part name="lookupAllHandsetsResponse"
        type="tns1:lookupHandsetResults" />
</wsdl:message>
<wsdl:message name="lookupHandsetsByManufacturerResponse">
    <wsdl:part name="lookupHandsetsByManufacturerResponse"
        type="tns1:lookupHandsetResults" />
</wsdl:message>
<wsdl:message name="lookupHandsetFromUserAgentRequest">
    <wsdl:part name="username" type="xsd:string" />
    <wsdl:part name="password" type="xsd:string" />
    <wsdl:part name="userAgent" type="xsd:string" />
</wsdl:message>
<wsdl:message name="lookupAllHandsetsRequest">
    <wsdl:part name="username" type="xsd:string" />
    <wsdl:part name="password" type="xsd:string" />
</wsdl:message>
<wsdl:message name="lookupManufacturersResponse">
    <wsdl:part name="lookupManufacturersResponse"
        type="tns1:lookupManufacturerResults" />
</wsdl:message>
<wsdl:message name="lookupHandsetsByManufacturerRequest">
    <wsdl:part name="username" type="xsd:string" />
    <wsdl:part name="password" type="xsd:string" />
    <wsdl:part name="code" type="xsd:string" />
</wsdl:message>
<wsdl:message name="lookupManufacturersRequest">
    <wsdl:part name="username" type="xsd:string" />
    <wsdl:part name="password" type="xsd:string" />
</wsdl:message>
<wsdl:portType name="HandsetLookupSoap">
    <wsdl:operation name="lookupManufacturers"
        parameterOrder="username password">

```

```

        <wsdl:input message="impl:lookupManufacturersRequest"
            name="lookupManufacturersRequest" />
        <wsdl:output message="impl:lookupManufacturersResponse"
            name="lookupManufacturersResponse" />
    </wsdl:operation>

    <wsdl:operation name="lookupHandsetsByManufacturer"
        parameterOrder="username password code">
        <wsdl:input
            message="impl:lookupHandsetsByManufacturerRequest"
            name="lookupHandsetsByManufacturerRequest" />
        <wsdl:output
            message="impl:lookupHandsetsByManufacturerResponse"
            name="lookupHandsetsByManufacturerResponse" />
    </wsdl:operation>
    <wsdl:operation name="lookupAllHandsets"
        parameterOrder="username password">
        <wsdl:input message="impl:lookupAllHandsetsRequest"
            name="lookupAllHandsetsRequest" />
        <wsdl:output message="impl:lookupAllHandsetsResponse"
            name="lookupAllHandsetsResponse" />
    </wsdl:operation>
    <wsdl:operation name="lookupHandsetFromUserAgent"
        parameterOrder="username password userAgent">

        <wsdl:input message="impl:lookupHandsetFromUserAgentRequest"
            name="lookupHandsetFromUserAgentRequest" />
        <wsdl:output
            message="impl:lookupHandsetFromUserAgentResponse"
            name="lookupHandsetFromUserAgentResponse" />
    </wsdl:operation>
</wsdl:portType>
<wsdl:binding name="handsetLookupSoapBinding"
    type="impl:HandsetLookupSoap">
    <wsdlsoap:binding style="rpc"
        transport="http://schemas.xmlsoap.org/soap/http" />
    <wsdl:operation name="lookupManufacturers">
        <wsdlsoap:operation soapAction="" />
        <wsdl:input name="lookupManufacturersRequest">

            <wsdlsoap:body
                encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
                namespace="http://soap.ota.interfaces.wizcom.com"
use="encoded" />
        </wsdl:input>
        <wsdl:output name="lookupManufacturersResponse">
            <wsdlsoap:body
                encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
                namespace="http://10.25.5.137:8080/web-
services/services/handsetLookup"
                use="encoded" />
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="lookupHandsetsByManufacturer">
        <wsdlsoap:operation soapAction="" />
        <wsdl:input name="lookupHandsetsByManufacturerRequest">

            <wsdlsoap:body
                encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
                namespace="http://soap.ota.interfaces.wizcom.com"
use="encoded" />
        </wsdl:input>
        <wsdl:output name="lookupHandsetsByManufacturerResponse">
            <wsdlsoap:body
                encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
                namespace="http://10.25.5.137:8080/web-
services/services/handsetLookup"
                use="encoded" />
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="lookupAllHandsets">
        <wsdlsoap:operation soapAction="" />
        <wsdl:input name="lookupAllHandsetsRequest">

            <wsdlsoap:body
                encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
                namespace="http://soap.ota.interfaces.wizcom.com"
use="encoded" />
        </wsdl:input>
        <wsdl:output name="lookupAllHandsetsResponse">
            <wsdlsoap:body

```

```

        encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
        namespace="http://10.25.5.137:8080/web-
services/services/handsetLookup"
        use="encoded" />
    </wsdl:output>
</wsdl:operation>
<wsdl:operation name="lookupHandsetFromUserAgent">
    <wsdlsoap:operation soapAction="" />
    <wsdl:input name="lookupHandsetFromUserAgentRequest">
        <wsdlsoap:body
            encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
            namespace="http://soap.ota.interfaces.wizcom.com"
use="encoded" />
    </wsdl:input>
    <wsdl:output name="lookupHandsetFromUserAgentResponse">
        <wsdlsoap:body
            encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
            namespace="http://10.25.5.137:8080/web-
services/services/handsetLookup"
        use="encoded" />
    </wsdl:output>
</wsdl:operation>
</wsdl:binding>
<wsdl:service name="HandsetLookupSoapService">
    <wsdl:port binding="impl:handsetLookupSoapBinding"
        name="handsetLookup">
        <wsdlsoap:address
            location="http://10.25.5.137:8080/web-
services/services/handsetLookup" />
    </wsdl:port>
</wsdl:service>
</wsdl:definitions>

```

### 3.1.3 SendConfigurations

```

<?xml version="1.0" encoding="UTF-8"?>
<wsdl:definitions
    targetNamespace="http://10.25.5.137:8080/web-services/services/sendConfiguration"
    xmlns="http://schemas.xmlsoap.org/wsdl/"
    xmlns:apachesoap="http://xml.apache.org/xml-soap"
    xmlns:impl="http://10.25.5.137:8080/web-services/services/sendConfiguration"
    xmlns:intf="http://10.25.5.137:8080/web-services/services/sendConfiguration"
    xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/"
    xmlns:tns1="urn:BeanService"
    xmlns:tns2="http://results.soap.ota.interfaces.wizcom.com"
    xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/"
    xmlns:wsdlsoap="http://schemas.xmlsoap.org/wsdl/soap/"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <wsdl:types>
        <schema
            targetNamespace="http://10.25.5.137:8080/web-
services/services/sendConfiguration"
            xmlns="http://www.w3.org/2001/XMLSchema">
            <import
                namespace="http://schemas.xmlsoap.org/soap/encoding/" />
            <complexType name="ArrayOf_xsd_string">
                <complexContent>
                    <restriction base="soapenc:Array">
                        <attribute ref="soapenc:arrayType"
                            wsdl:arrayType="xsd:string[]" />
                    </restriction>
                </complexContent>
            </complexType>
        </schema>
        <schema
            targetNamespace="http://results.soap.ota.interfaces.wizcom.com"
            xmlns="http://www.w3.org/2001/XMLSchema">
            <import
                namespace="http://schemas.xmlsoap.org/soap/encoding/" />
            <complexType name="LookupResults">
                <sequence>
                    <element name="isError" type="xsd:boolean" />
                    <element name="errors" nillable="true"
                        type="impl:ArrayOf_xsd_string" />
                </sequence>
            </complexType>
    </wsdl:types>

```

```

</schema>
<schema targetNamespace="urn:BeanService"
  xmlns="http://www.w3.org/2001/XMLSchema">
  <import
    namespace="http://schemas.xmlsoap.org/soap/encoding/" />
  <complexType name="sendResults">
    <complexContent>
      <extension base="tns2:LookupResults">
        <sequence>
          <element name="id" type="xsd:long" />
        </sequence>
      </extension>
    </complexContent>
  </complexType>
</schema>
</wsdl:types>
<wsdl:message
  name="sendDataGprsConfigurationWithCustomHomepageRequest">
  <wsdl:part name="username" type="xsd:string" />
  <wsdl:part name="password" type="xsd:string" />
  <wsdl:part name="network" type="xsd:string" />
  <wsdl:part name="manufacturer" type="xsd:string" />
  <wsdl:part name="model" type="xsd:string" />
  <wsdl:part name="msisdn" type="xsd:string" />
  <wsdl:part name="pin" type="xsd:string" />

  <wsdl:part name="url" type="xsd:string" />
  <wsdl:part name="homepageUrl" type="xsd:string" />
  <wsdl:part name="homepageName" type="xsd:string" />
</wsdl:message>
<wsdl:message name="sendMmsConfigurationWithCustomMmscRequest">
  <wsdl:part name="username" type="xsd:string" />
  <wsdl:part name="password" type="xsd:string" />
  <wsdl:part name="network" type="xsd:string" />
  <wsdl:part name="manufacturer" type="xsd:string" />

  <wsdl:part name="model" type="xsd:string" />
  <wsdl:part name="msisdn" type="xsd:string" />
  <wsdl:part name="pin" type="xsd:string" />
  <wsdl:part name="url" type="xsd:string" />
  <wsdl:part name="mmsc" type="xsd:string" />
</wsdl:message>
<wsdl:message name="sendWapGprsConfigurationRequest">
  <wsdl:part name="username" type="xsd:string" />
  <wsdl:part name="password" type="xsd:string" />

  <wsdl:part name="network" type="xsd:string" />
  <wsdl:part name="manufacturer" type="xsd:string" />
  <wsdl:part name="model" type="xsd:string" />
  <wsdl:part name="msisdn" type="xsd:string" />
  <wsdl:part name="pin" type="xsd:string" />
  <wsdl:part name="url" type="xsd:string" />
</wsdl:message>
<wsdl:message
  name="sendWapGprsConfigurationWithCustomHomepageResponse">
  <wsdl:part
    name="sendWapGprsConfigurationWithCustomHomepageResponse"
    type="tns1:sendResults" />
</wsdl:message>
<wsdl:message name="sendMmsConfigurationWithCustomMmscResponse">
  <wsdl:part name="sendMmsConfigurationWithCustomMmscResponse"
    type="tns1:sendResults" />
</wsdl:message>
<wsdl:message name="sendWapGprsConfigurationResponse">
  <wsdl:part name="sendWapGprsConfigurationResponse"
    type="tns1:sendResults" />
</wsdl:message>
<wsdl:message name="sendMmsConfigurationResponse">
  <wsdl:part name="sendMmsConfigurationResponse"
    type="tns1:sendResults" />
</wsdl:message>
<wsdl:message name="sendMmsConfigurationRequest">
  <wsdl:part name="username" type="xsd:string" />
  <wsdl:part name="password" type="xsd:string" />
  <wsdl:part name="network" type="xsd:string" />
  <wsdl:part name="manufacturer" type="xsd:string" />
  <wsdl:part name="model" type="xsd:string" />
  <wsdl:part name="msisdn" type="xsd:string" />
  <wsdl:part name="pin" type="xsd:string" />

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        <wsdl:part name="url" type="xsd:string" />
    </wsdl:message>
    <wsdl:message name="sendDataGprsConfigurationResponse">
        <wsdl:part name="sendDataGprsConfigurationResponse"
            type="tns1:sendResults" />
    </wsdl:message>
    <wsdl:message name="sendDataGprsConfigurationRequest">
        <wsdl:part name="username" type="xsd:string" />
        <wsdl:part name="password" type="xsd:string" />
        <wsdl:part name="network" type="xsd:string" />

        <wsdl:part name="manufacturer" type="xsd:string" />
        <wsdl:part name="model" type="xsd:string" />
        <wsdl:part name="msisdn" type="xsd:string" />
        <wsdl:part name="pin" type="xsd:string" />
        <wsdl:part name="url" type="xsd:string" />
    </wsdl:message>
    <wsdl:message
        name="sendWapGprsConfigurationWithCustomHomepageRequest">
        <wsdl:part name="username" type="xsd:string" />
        <wsdl:part name="password" type="xsd:string" />

        <wsdl:part name="network" type="xsd:string" />
        <wsdl:part name="manufacturer" type="xsd:string" />
        <wsdl:part name="model" type="xsd:string" />
        <wsdl:part name="msisdn" type="xsd:string" />
        <wsdl:part name="pin" type="xsd:string" />
        <wsdl:part name="url" type="xsd:string" />
        <wsdl:part name="homepageUrl" type="xsd:string" />
        <wsdl:part name="homepageName" type="xsd:string" />
    </wsdl:message>

    <wsdl:message
        name="sendDataGprsConfigurationWithCustomHomepageResponse">
        <wsdl:part
            name="sendDataGprsConfigurationWithCustomHomepageResponse"
            type="tns1:sendResults" />
    </wsdl:message>
    <wsdl:portType name="SendConfigurationSoap">
        <wsdl:operation
            name="sendDataGprsConfigurationWithCustomHomepage"
            parameterOrder="username password network manufacturer model msisdn pin url
homepageUrl homepageName">
            <wsdl:input
                message="impl:sendDataGprsConfigurationWithCustomHomepageRequest"
                name="sendDataGprsConfigurationWithCustomHomepageRequest" />
            <wsdl:output
                message="impl:sendDataGprsConfigurationWithCustomHomepageResponse"
                name="sendDataGprsConfigurationWithCustomHomepageResponse" />
        </wsdl:operation>
        <wsdl:operation name="sendWapGprsConfiguration"
            parameterOrder="username password network manufacturer model msisdn pin
url">
            <wsdl:input message="impl:sendWapGprsConfigurationRequest"
                name="sendWapGprsConfigurationRequest" />
            <wsdl:output message="impl:sendWapGprsConfigurationResponse"
                name="sendWapGprsConfigurationResponse" />
        </wsdl:operation>
        <wsdl:operation
            name="sendWapGprsConfigurationWithCustomHomepage"
            parameterOrder="username password network manufacturer model msisdn pin url
homepageUrl homepageName">
            <wsdl:input
                message="impl:sendWapGprsConfigurationWithCustomHomepageRequest"
                name="sendWapGprsConfigurationWithCustomHomepageRequest" />
            <wsdl:output
                message="impl:sendWapGprsConfigurationWithCustomHomepageResponse"
                name="sendWapGprsConfigurationWithCustomHomepageResponse" />
        </wsdl:operation>
        <wsdl:operation name="sendMmsConfiguration"
            parameterOrder="username password network manufacturer model msisdn pin
url">
            <wsdl:input message="impl:sendMmsConfigurationRequest"
                name="sendMmsConfigurationRequest" />

            <wsdl:output message="impl:sendMmsConfigurationResponse"
                name="sendMmsConfigurationResponse" />
        </wsdl:operation>
        <wsdl:operation name="sendMmsConfigurationWithCustomMmsc"

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parameterOrder="username password network manufacturer model msisdn pin url
mmsc">
    <wsdl:input
        message="impl:sendMmsConfigurationWithCustomMmscRequest"
        name="sendMmsConfigurationWithCustomMmscRequest" />
    <wsdl:output
        message="impl:sendMmsConfigurationWithCustomMmscResponse"
        name="sendMmsConfigurationWithCustomMmscResponse" />
</wsdl:operation>
<wsdl:operation name="sendDataGprsConfiguration"
    parameterOrder="username password network manufacturer model msisdn pin
url">
    <wsdl:input message="impl:sendDataGprsConfigurationRequest"
        name="sendDataGprsConfigurationRequest" />
    <wsdl:output
        message="impl:sendDataGprsConfigurationResponse"
        name="sendDataGprsConfigurationResponse" />

</wsdl:operation>
</wsdl:portType>
<wsdl:binding name="sendConfigurationSoapBinding"
    type="impl:SendConfigurationSoap">
    <wsdlsoap:binding style="rpc"
        transport="http://schemas.xmlsoap.org/soap/http" />
    <wsdl:operation
        name="sendDataGprsConfigurationWithCustomHomepage">
        <wsdlsoap:operation soapAction="" />
        <wsdl:input
            name="sendDataGprsConfigurationWithCustomHomepageRequest">
            <wsdlsoap:body
                encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
                namespace="http://soap.ota.interfaces.wizcom.com"
use="encoded" />
            </wsdl:input>

            <wsdl:output
                name="sendDataGprsConfigurationWithCustomHomepageResponse">
                <wsdlsoap:body
                    encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
                    namespace="http://10.25.5.137:8080/web-
services/services/sendConfiguration"
                    use="encoded" />
                </wsdl:output>
            </wsdl:operation>
            <wsdl:operation name="sendWapGprsConfiguration">
            <wsdlsoap:operation soapAction="" />
            <wsdl:input name="sendWapGprsConfigurationRequest">
            <wsdlsoap:body
                encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
                namespace="http://soap.ota.interfaces.wizcom.com"
use="encoded" />
            </wsdl:input>

            <wsdl:output name="sendWapGprsConfigurationResponse">
            <wsdlsoap:body
                encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
                namespace="http://10.25.5.137:8080/web-
services/services/sendConfiguration"
                use="encoded" />
            </wsdl:output>
            </wsdl:operation>
            <wsdl:operation
                name="sendWapGprsConfigurationWithCustomHomepage">
                <wsdlsoap:operation soapAction="" />
                <wsdl:input
                    name="sendWapGprsConfigurationWithCustomHomepageRequest">
                    <wsdlsoap:body
                        encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
                        namespace="http://soap.ota.interfaces.wizcom.com"
use="encoded" />
                    </wsdl:input>

                    <wsdl:output
                        name="sendWapGprsConfigurationWithCustomHomepageResponse">
                        <wsdlsoap:body
                            encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
                            namespace="http://10.25.5.137:8080/web-
services/services/sendConfiguration"
                            use="encoded" />
                        </wsdl:output>
                    </wsdl:operation>
                </wsdl:operation>
    </wsdl:binding>
</wsdl:service>

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        <wsdl:operation name="sendMmsConfiguration">
            <wsdlsoap:operation soapAction="" />
            <wsdl:input name="sendMmsConfigurationRequest">
                <wsdlsoap:body
                    encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
                    namespace="http://soap.ota.interfaces.wizcom.com"
use="encoded" />
            </wsdl:input>
            <wsdl:output name="sendMmsConfigurationResponse">
                <wsdlsoap:body
                    encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
                    namespace="http://10.25.5.137:8080/web-
services/services/sendConfiguration"
                    use="encoded" />
            </wsdl:output>
        </wsdl:operation>
        <wsdl:operation name="sendMmsConfigurationWithCustomMmsc">
            <wsdlsoap:operation soapAction="" />
            <wsdl:input
                name="sendMmsConfigurationWithCustomMmscRequest">
                <wsdlsoap:body
                    encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
                    namespace="http://soap.ota.interfaces.wizcom.com"
use="encoded" />
            </wsdl:input>
            <wsdl:output
                name="sendMmsConfigurationWithCustomMmscResponse">
                <wsdlsoap:body
                    encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
                    namespace="http://10.25.5.137:8080/web-
services/services/sendConfiguration"
                    use="encoded" />
            </wsdl:output>
        </wsdl:operation>
        <wsdl:operation name="sendDataGprsConfiguration">
            <wsdlsoap:operation soapAction="" />
            <wsdl:input name="sendDataGprsConfigurationRequest">
                <wsdlsoap:body
                    encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
                    namespace="http://soap.ota.interfaces.wizcom.com"
use="encoded" />
            </wsdl:input>
            <wsdl:output name="sendDataGprsConfigurationResponse">
                <wsdlsoap:body
                    encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
                    namespace="http://10.25.5.137:8080/web-
services/services/sendConfiguration"
                    use="encoded" />
            </wsdl:output>
        </wsdl:operation>
    </wsdl:binding>
    <wsdl:service name="SendConfigurationSoapService">
        <wsdl:port binding="impl:sendConfigurationSoapBinding"
            name="sendConfiguration">
            <wsdlsoap:address
                location="http://10.25.5.137:8080/web-
services/services/sendConfiguration" />
        </wsdl:port>
    </wsdl:service>
</wsdl:definitions>

```