

## Sending Bulk SMS

Description: This feature will enable user to send BULK text messages to number of phone numbers using DID API.

This feature can be used for marketing purpose.

Web.config settings:

```
<add key="DidNumber" value="1XXXXXXXX" />
<add key="SmsApiBaseUrl"
value="https://api.didforsale.com/didforsaleapi/index.php/api/SMS/send/" />
<add key="ApiKey" value="YOUR_API_KEY" />
```

Coding Description:

```
using Newtonsoft.Json;
using System;
using System.Collections.Generic;
using System.IO;
using System.Linq;
using System.Net;
using System.Web;
using System.Web.Configuration;
using System.Web.Mvc;
using System.Net.Security;
using System.Security.Cryptography.X509Certificates;

namespace DidIVR.Controllers
{
    public class BulkSMSController : Controller
    {
        // GET: BulkSMS

        public string didNumber =
WebConfigurationManager.AppSettings["DidNumber"].ToString();
        public string apiKey = WebConfigurationManager.AppSettings["ApiKey"].ToString();
        public string smsApiBaseUrl =
WebConfigurationManager.AppSettings["SmsApiBaseUrl"].ToString();

        public ActionResult Index()
        {
            var values = System.IO.File.ReadAllLines(@"D:\Raman
Saini\DidForSale\DidIVR\DidIVR\DidIVR\AppData\MobileNumbers.csv").Skip(1).ToArray();

            var result = HttpPostRequest(values, "DIDforsale provide SIP, Voice sms and
VoIP Solutions.");

            return this.Content(result);
        }
    }
}
```

```

public string HttpPostRequest(string[] mobileNumber, string text)
{
    string result = string.Empty;
    //DIDforsale api only accept json data format

    var httpWebRequest = (HttpWebRequest)WebRequest.Create(smsApiBaseUrl +
apiKey);
    httpWebRequest.ContentType = "application/json";
    httpWebRequest.Method = "POST";
    using (var streamWriter = new
StreamWriter(httpWebRequest.GetRequestStream()))
    {
        var json = "{\"from\": \"" + didNumber + "\", \"to\": \"" +
JsonConvert.SerializeObject(mobileNumber) + "\", \"text\": \"" + text + "\"}";
        streamWriter.Write(json);
        streamWriter.Flush();
        streamWriter.Close();
    }
    ServicePointManager.ServerCertificateValidationCallback = delegate (object s,
X509Certificate certificate, X509Chain chain, SslPolicyErrors sslPolicyErrors) { return
true; };
    ServicePointManager.SecurityProtocol = SecurityProtocolType.Ssl3 |
SecurityProtocolType.Tls12 | SecurityProtocolType.Tls11 | SecurityProtocolType.Tls;
    var httpResponse = (HttpWebResponse)httpWebRequest.GetResponse();
    using (var streamReader = new StreamReader(httpResponse.GetResponseStream()))
    {
        result = streamReader.ReadToEnd();
    }
    return result;
}
}
}

```

Our code will pick up numbers from already given sample file and will keep on sending SMS on numbers in the file.