

VADIAN.NET AG

ASPSMS.COM .NET Assembly

USER GUIDE / USAGE NOTES

www.aspsms.com

Adding the assembly to your project (VB.NET 2005):

- 1) In VB.NET 2005 IDE, choose the *Project* Menu, and select *Add Reference...* from there.
- 2) Select Browse in the following dialog, and find the ASPSMS.NET.dll assembly file. Click OK to add the reference.
NOTICE: You must include the assembly file with your application, if you intend to distribute it. For optimal performance, you must also include the ASPSMS.NET.XmlSerializers.dll File with your distribution.
- 3) The ASPSMS.NET Assembly is now ready for use within your project. You may bring up the Object Browser (F2 Hotkey) and examine the assembly's objects.

Usage Example – Sending Text SMS (VB.NET 2005):

```
Private Sub SendSMS_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles SendSMS.Click
    Dim SMS As New ASPSMS.NET.ASPSMSNET ' Create ASPSMSNET instance
    With SMS
        .UserKey = "USERKEY" ' your ASPSMS.COM userkey
        .Password = "PASSWORD" ' your ASPSMS.COM password
        .Originator = "yoursite" ' Visible SMS originator
        .Recipients.Add("0794867669") ' Add a recipient number
        .Recipients.Add("1234567890", 1234) ' Add a recipient number with optional transaction reference number
        .MessageData = "Meine Nachricht" ' Message text to send
        .SendTextSMS() ' Send The SMS
        ' show result (code/description)
        MsgBox("ErrorCode: " & SMS.ErrorCode & ", Description: " & SMS.ErrorDescription)
    End With
End Sub
```

Usage Example – Checking Credits (VB.NET 2005):

```
Private Sub CheckCreds_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles CheckCreds.Click
    Dim SMS As New ASPSMS.NET.ASPSMSNET ' Create ASPSMSNET instance
    Dim CredsAvail As Single ' Will hold the CheckCredits() result
    With SMS
        .UserKey = "USERKEY" ' your ASPSMS.COM userkey
        .Password = "PASSWORD" ' your ASPSMS.COM password
        CredsAvail = .CheckCredits ' invoke CheckCredits Method
    End With
    MsgBox(CredsAvail) ' Display Result
End Sub
```

Methods:

SendBinaryData

Send Binary Data. Data must be supplied in HEX-encoded string format to the *MessageData* property.

CheckOriginatorAuthorization

Verifies if a specific numeric originator is authorized for your account.

SendGroupLogo

Sends a Group-Logo.

InquireDeliveryNotifications

Inquires the status of sent messages. The Result is returned in the *AdditionalData* Property of the *cResult* object returned by the *PutASPSMSXObj* Method of the webservice.

SendLogo

Sends an Operator-Logo.

SendMessageWaitingIndication

Sends a Message Waiting Indication Message. Note: This feature is reserved for special interest groups and not available publicly. Please contact www.aspsms.com for further assistance.

SendPictureMessage

Sends a Picture-Message.

SendRandomLogo

Sends a Random-OperatorLogo out of a collection from several hundred logos.

SendRingtone

Sends a Ringtone.

SendOriginatorUnlockCode

The ASPSMS System creates a random OriginatorUnlockCode and sends it to the specified originator to be unlocked.

SendTextSMS

Sends a Text-Message. If using messages with overlength, each part will be reduced from 160 to 153 chars, because additional information is required for concatenation handling. The message text may be up to 9 * 153 chars in length.

UnlockOriginator

Verifies an entered UnlockCode previously sent to a specific Originator. If the UnlockCode matches, the Originator is unlocked.

SendVCard

Sends a VCard

CheckCredits

Returns the number of available credits.

Properties:

Userkey

Your ASPSMS.COM userkey.

Password

Your ASPSMS.COM password.

Originator

The visible Originator of the SMS. Can be alphanumeric or numeric. Numeric Originators must be unlocked for use with ASPSMS.COM first (see OriginatorUnlockCode).

OriginatorUnlockCode

The unlock code to use when unlocking an originator.

DeferredDeliveryTime

Specifies the time when the message should be transmitted to the mobile network in the format "ddmmyyyhhmmss". If you reside outside the GMT+1 timezone, you should also set a value for the TimeZone property.

LifeTime

If an SMS can not be delivered instantly, it remains within the GSM network for a given time. During this timeframe, the network tries to deliver the SMS periodically. The LifeTime property represents this validity period of an SMS in Minutes. Please note that the LifeTime can not be shorter than 3 minutes and can not exceed 1440 minutes (24h). If not specified, the LifeTime is 24h by default.

MessageData

Message that will be sent. Can be supplied in plain ASCII text format, or as a hex-encoded binary string.

FlashingSMS

If set to "True", a text-message will displayed directly in the display of the recipient.

BlinkingSMS

If set to "True", the text-message or parts of it will blink, when the message is displayed on the mobilephone. If used, the total number of used characters is limited to 69 characters. Note: At present, this feature is supported exclusively on Nokia phones Nokia 3210, 3310, 5110, 6110, 6150, 8210, 8810, 8850. With the command<BLINK>, used in the messagetext, it's possible to control the appearance of the blinking the text. This feature works in conjunction with the methods "SendTextSMS", "SendVCard" and "SendMessageWaitingIndication".

ReplaceMessage

If set to a value ranging from 1 to 7, this allows to overwrite existing messages on a handset with the same ReplaceMessage value.

MCC

Mobile-Country-Code, should be specified when sending operator-logos.

MNC

Mobile-Network-Code, should be specified when sending operator-logos.

Xser

Additional information for binary messages. Only used when sending directly to the SMSC gateway. Check UCP specification for additional information.

URLBufferedMessageNotification

URL that will be connected when a message is not delivered instantly and is buffered. The value of the submitted TransactionReferenceNumber will be the argument of the URL.

URLDeliveryNotification

URL that will be connected when a message is delivered instantly. The value of the submitted TransactionReferenceNumber will be the argument of the URL.

URLNonDeliveryNotification

URL that will be connected when a message is not delivered. The value of the submitted TransactionReferenceNumber will be the argument of the URL.

TimeZone

Specifies the Timezone where the component is used. It's only necessary to set this property when the property DeferredDeliveryTime is used and the component is used outside the timezone GMT +1.

Timeout

Specifies the amount of seconds after which the ASPSMS webservice will give up trying to perform a pending operation.

NotificationInquirySettings.Format

Specifies the format of the returned result of the method InquireDeliveryNotifications. See Format Notes below.

NotificationInquirySettings.Separator

Specifies a user defined separator which will be part of the result of the method InquireDeliveryNotifications. Default value is the Tab char (ASCII code 9).

Vcard.Name

Specifies the Name that will show up in a phonebook entry.

Vcard.PhoneNumber

Specifies the Phonenummer that will used in a phonebook entry.

MessageWaitingIndicationSettings.VoiceIndication

Specifies if a mobilephone will be notified about pending voicemessages.

MessageWaitingIndicationSettings.CountVoiceMessages

Specifies the number of pending voicemessages. Use the value "0" to delete the indicationsymbol on a mobilephone.

MessageWaitingIndicationSettings.FaxIndication

Specifies if a mobilephone will be notified about pending faxmessages.

MessageWaitingIndicationSettings.CountFaxMessages

Specifies the number of pending faxmessages. Use the value "0" to delete the indicationsymbol on a mobilephone.

MessageWaitingIndicationSettings.EmailIndication

Specifies if a mobilephone will be notified about pending Emailmessages.

MessageWaitingIndicationSettings.CountEMailMessages

Specifies the number of pending EMailmessages. Use the value "0" to delete the indicationsymbol on a mobilephone.

MessageWaitingIndicationSettings.OtherIndication

Specifies if a mobilephone will be notified about other pending messages.

MessageWaitingIndicationSettings.CountOtherMessages

Specifies the number of other pending messages. Use the value "0" to delete the indicationsymbol on a mobilephone.

MessageWaitingIndicationSettings.StoreMessage

Specifies, if a sent Message Waiting Indication Message can be stored in the mobilephone or not.