



IntelliSoftware

SMS Gateway - PHP Component Interface

Version 1.1

Content subject to change

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1. Document History

Version	Date	Author	Description
1.0	11/04/2008	Chris Vine	First Release
1.1	27/04/2009	Chris Vine	Updated Company Address

2. PHP SDK Overview

Using the IntelliSMS PHP SMS SDK you can send SMS messages from your PHP scripts. This PHP SMS Library is free to download, use and distribute.

Methods:

SendMessage	Sends a standard SMS text message.
SendWapPushMessage	Sends a WAP PUSH message. WAP PUSH messages can be used to send multimedia content to mobile phones.
SendBinaryMessage	Sends a Binary Message. Binary Messages can be used to send SmartMessages, such as Ringtones and Logos.
SendUnicodeMessage	Sends a Unicode Message.
GetBalance	Obtains the available credits on an account

Properties:

Username	This is the username of your account
Password	This is the password for your account
MaxConCatMsgs	Maximum number of concatenated SMS messages that will be sent per recipient (Default is 1)

Secure SSL Connection (HTTPS):

To use a secure internet connection configure the gateway addresses as follows:

```
<?php
$objIntelliSMS->PrimaryGateway="https://www.intellisoftware.co.uk";
$objIntelliSMS->BackupGateway="https://www.intellisoftware2.co.uk";

$objIntelliSMS->SendMessage ( .....
?>
```

NOTE: To use https you will need the OpenSSL extension module

3. Submitting to our gateway

3.1. Send Text Message

SendMessage (\$to, \$text, \$from)

Description:

Sends an SMS message via the Internet Gateway.

Parameters:

\$to	Input	This is the destination phone number
\$text	Input	The content of the text message
\$from	Input	This is the source/sender's phone number
SendStatusArray	Return	Array containing the send status for each recipient. See SendStatusArray

PHP Sample:

```
<?php
include 'IntelliSMS.php';

//Required php.ini settings:
// allow_url_fopen = On
// track_errors = On

$objIntelliSMS = new IntelliSMS();

$objIntelliSMS->Username = 'MyUsername';
$objIntelliSMS->Password = 'MyPassword';

$objIntelliSMS->SendMessage
( '44771012345,44771023456', 'Hello', 'SENDER_ID' );

?>
```

3.2. Send WAP Push Message

SendWapPushMessage (\$to, \$text, \$href, \$from)

Description:

Sends a WAP PUSH message via the Internet Gateway. WAP PUSH messages can send multimedia content, such as an Image, Wallpaper, Ringtone or a link to WAP website.

Parameters:

\$to	Input	This is the destination phone number
\$text	Input	Display Text for WAP PUSH message
\$href	Input	URL link to resource (should start with 'http://' or 'https://')
\$from	Input	This is the source/sender's phone number
SendStatusArray	Return	Array containing the send status for each recipient. See SendStatusArray

PHP Sample:

```
<?php
include 'IntelliSMS.php';

//Required php.ini settings:
// allow_url_fopen = On
// track_errors = On

$objIntelliSMS = new IntelliSMS();

$objIntelliSMS->Username = 'MyUsername';
$objIntelliSMS->Password = 'MyPassword';

$objIntelliSMS->SendWapPushMessage ( '44771012345',
    'The message text',
    'http://www.intellisoftware.co.uk/images/IntelliSMS.gif',
    'SENDER_ID' );

?>
```

Considerations:

Our gateway will only send one SMS message per submission. Therefore a WAP PUSH message is charged at 1 credit.

An INVALID_REQUEST will result if the submitted text and href parameters would require 2 SMS messages to be sent. As a guide, the href and text parameters combined should not exceed 114 characters (assuming href starts with 'http://www.')

3.3. Send Binary Message

SendBinaryMessage (\$to, \$userdataheaderhex, \$userdatahex, \$from)

Description:

Sends a Binary SMS message via the Internet Gateway. Binary Messages can be used to send SmartMessages, such as Ringtones and Logos.

Parameters:

\$to	Input	This is the destination phone number
\$userdataheaderhex	Input	(Optional) User Data Header
\$userdatahex	Input	User Data (140 octets max)
\$from	Input	This is the source/sender's phone number
SendStatusArray	Return	Array containing the send status for each recipient. See SendStatusArray

PHP Sample:

```
<?php
include 'IntelliSMS.php';

//Required php.ini settings:
// allow_url_fopen = On
// track_errors = On

$objIntelliSMS = new IntelliSMS();

$objIntelliSMS->Username = 'MyUsername';
$objIntelliSMS->Password = 'MyPassword';

$objIntelliSMS->SendBinaryMessage ( "44771012345,44771023456",
    "06050415820000",
    "32F40100480E010000000000000000000000000000000000000000000000000000" .
    "0000000000000000000000001247803000000E0080120CC06400000" .
    "40080120CC06C00000479E7124F0EFFADCF64448892479B6DAC6" .
    "CD4448F9241DB6DACECF44488124CDB6CD96CC44488924CDB6CD" .
    "96CDE446712478E66D9EC600000000000000000000000000000000000000" .
    "000000", "SENDER_ID" );

?>
```

3.4. Send Unicode Message

SendUnicodeMessage (\$to, \$unicodehex, \$from)

Description:

Sends a Unicode SMS message to multiple recipients via the Internet Gateway. The Unicode format is used to send multilingual messages not support by the standard GSM character set.

See [Unicode Character Codes](#) for more details.

Parameters:

\$to	Input	This is the destination phone number
\$unicodehex	Input	Unicode text encoded in hexadecimal (140 octets max, 70 unicode characters)
\$from	Input	This is the source/sender's phone number
SendStatusArray	Return	Array containing the send status for each recipient. See SendStatusArray

PHP Sample:

```
<?php
include 'IntelliSMS.php';

//Required php.ini settings:
// allow_url_fopen = On
// track_errors = On

$objIntelliSMS = new IntelliSMS();

$objIntelliSMS->Username = 'MyUsername';
$objIntelliSMS->Password = 'MyPassword';

$objIntelliSMS->SendUnicodeMessage
( '44771012345,44771023456', '00480045004C004C004F', 'SENDER_ID' );

?>
```


3.5. Get Credit Balance

GetBalance()

Description:

Obtains the available credits on an account.

Parameters:

<code>\$results["Balance"]</code>	Return (Array)	Number of remaining credits
<code>\$results["ErrorStatus"]</code>	Return (Array)	See ResultCodes

PHP Sample:

```
<?php
include 'IntelliSMS.php';

//Required php.ini settings:
// allow_url_fopen = On
// track_errors = On

$objIntelliSMS = new IntelliSMS();

$objIntelliSMS->Username = 'MyUsername';
$objIntelliSMS->Password = 'MyPassword';

$results = $objIntelliSMS->GetBalance();

$errorStatus = $results["ErrorStatus"];
$balance = $results["Balance"];

?>
```

4. Arrays

4.1. SendStatusArray

Array containing the send status for each recipient.

Array Entries:

<code>\$SendStatus["To"]</code>	Recipient this entry relates to
<code>\$SendStatus["Messageld"]</code>	Unique message ID for this submission
<code>\$SendStatus["Result"]</code>	Send status (See ResultCodes)

PHP Sample:

```
<?php
include 'IntelliSMS.php';

//Required php.ini settings:
// allow_url_fopen = On
// track_errors = On

$objIntelliSMS = new IntelliSMS();

$objIntelliSMS->Username = 'MyUsername';
$objIntelliSMS->Password = 'MyPassword';

$SendStatusCollection = $objIntelliSMS->SendMessage
( '44771012345', 'Hello', 'SENDER_ID' );

$sendresult_detailed = "";
foreach ( $SendStatusCollection as $SendStatus )
{
    $sendresult_detailed = $sendresult_detailed .
        $SendStatus["To"] . " " .
        $SendStatus["MessageId"] . " " .
        $SendStatus["Result"] . "<BR>";
}

echo $sendresult_detailed;

?>
```

5. Codes

5.1. Result Codes

Result Codes

Description:

A text string that indicates the success/failure of a request.

Values:

OK	Request was successfully actioned
NO_USERNAME	Username was not supplied (Set Username property)
NO_PASSWORD	Password was not supplied (Set Password property)
NO_TO	Message recipient(s) not specified
NO_TEXT	Message text not specified
NO_TEXT	Message text not specified
NO_MSGID	MsgId parameter was missing
TOO_MANY_NUMBERS	Too many recipient number were specified
INSUFFICIENT_CREDIT	Insufficient credit available to complete the request
GATEWAY_ERROR	An error occurred on remote gateway (please retry later)
INTERNAL_ERROR	An error occurred on remote gateway (please retry later)
INVALID_NUMBER	The recipient number is invalid
INVALID_REQUEST	The request was invalid
MSGID_INVALID	Supplied Message ID not valid
PARAMETER_MISSING	Mandatory parameter is missing
PARAMETER_INVALID	A supplied parameter is invalid
ACCOUNT_EXISTS	CreateSubaccount - subaccount already exists

6. Advanced Features

6.1. Send to Distribution Lists (Group Send)

Our gateway allows you to send SMS messages to preconfigured Distribution Lists or Groups. To send to a Distribution List or Group simply insert the Group Name where you would normally place the recipient's phone number. Distribution Lists or Groups are setup in your online account login on the Contacts page.

6.2. Reply Tracking

The IntelliSoftware platform provides tracking of SMS replies, allowing you to determine which particular message a mobile user is replying to. When you submit a message to the SMS Gateway you can supply a User Context parameter. When a reply is received, the IntelliSoftware platform will include the User Context parameter when forwarding the message to your server.

The User Context can be supplied to the IntelliSoftware platform in the following ways:

.Net Component	use SendMsgWithUserContext method
COM Component	use SendMessageWithUserContext method
HTTP Interface	add 'usercontext' POST/GET parameter
PHP SDK	use SendMessageWithUserContext method
Java SDK	use SendMessageWithUserContext method

The IntelliSoftware platform will forward the User Context for received messages in the following ways:

HTTP Interface	'usercontext' POST/GET parameter
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