

## CDYNE SMS Notify! Web Service

Version 2.0

**WSDL:** <http://sms2.cdyne.com/sms.svc?wsdl>

**Testing URL:** <http://sms2.cdyne.com/sms.svc/help>

**Developer Resources:** [http://wiki.cdyne.com/index.php/SMS\\_Notify!](http://wiki.cdyne.com/index.php/SMS_Notify!)

**Product Web Page:** <http://www.cdyne.com/products/sms-notify.aspx>

**The 'SimpleSMSSend' operation is ideal for sending out single basic notifications while the 'AdvancedSMSSend' operation is better used for scheduling send time and using an assigned dedicated long code (contact CDYNE at 1-800-984-3710, [email](#) or initiate a [chat](#) for more information on receiving an assigned DID).**

**API Description:** The CDYNE SMS Notify! API is a 2-way International [SMS Gateway](#) that sends text messages direct to cellular phone carriers. This SMS API can be easily placed into custom console and web applications with minimal time & money investment.

Use this SMS API to connect to a bank of shared long numbers, order [dedicated long numbers](#) (DIDs), or use a combination of both to support your business text messaging needs. No startup fees, no contracts, pay for only for how many message you send or receive from the SMS Gateway.

**Automated Keyword Management:** SMS Notify uses some "Key Words" developers should be aware of. Should an end user respond to one of your messages and the first word is one of the following, it will cause our system to execute a special command.

HELP: When a recipient responds HELP, we will send contact information about the party who initiated the message to the recipient. This allows the recipient to know who is contacting them, and provides them information on how they can contact the sender.

STOP: This will block the recipient's number from receiving messages from our system. This is to protect the recipient from unwanted or unsolicited messages.

END: This will block the recipient's number from receiving messages from our system. This is to protect the recipient from unwanted or unsolicited messages.

CANCEL: This will block the recipient's number from receiving messages from our system. This is to protect the recipient from unwanted or unsolicited messages.

UNSUBSCRIBE: This will block the recipient's number from receiving messages from our system. This is to protect the recipient from unwanted or unsolicited messages.

**QUIT:** This will block the recipient’s number from receiving messages from our system. This is to protect the recipient from unwanted or unsolicited messages.

**RESUME:** This will allow us to send messages to a recipient who previously sent a STOP command.

**Required License Information:** The *LicenseKey* parameter that is seen in most operations of this Web Service is required to authenticate users invoking this Web Service. You must obtain a valid License Key. You can sign up for this service by using the ‘Buy Now’ button located on the [Product Web Page](#) or by contacting CDYNE at 1-800-984-3710, [email](#) or [chat](#) for a limited Trial License Key.

EXAMPLE:

Licensing parameter seen in numerous operations	Sample Input
LicenseKey	F01d89fd-5155-5455-5585-e84ab8de8591

**Operations:**

- SimpleSMSSend
- SimpleSMSSendWithPostback
- AdvancedSMSSend
- GetMessageStatus
- GetMessageStatusByReferenceID
- GetUnreadIncomingMessages
- CancelMessage

▼ **SimpleSMSSend**

-This operation is the most basic and allows demos. To send an SMS demo, the License Key must be removed or put into the following format of zeros.

(00000000-0000-0000-0000-000000000000)

Operation: SimpleSMSSend Input		
Parameter Name:	Data Type	Sample Input
<b>PhoneNumber:</b> Input phone number to send SMS text to. (International Format = 011 + country code + number)	<i>String</i>	17575551234
<b>LicenseKey:</b> See page 1 for more info.	<i>Guid</i>	F01d89fd-5155-5455-5585-e84ab8de8591
<b>Message:</b> Message to send to phone number (160 char. per message, over 160 will be	<i>String</i>	This is a sample message from SMS Notify!

continued on a second message. You will be charged for any extra messages needed).		
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Operation: SimpleSMSSend Output		
Parameter Name:	Data Type	Sample Output
<b>MessageID:</b> Returns unique Guid ID for every SMS message sent.	<i>Guid</i>	B01d89fd-5155-5455-5585-e84ab8de8591
<b>Queued:</b> Returns true or false if the SMS message has been queued.	<i>Boolean</i>	True
<b>ReferenceID:</b> A unique ID that can be set using the AdvancedSMSSend method.	<i>String</i>	
<b>SMSError:</b> Returns a string indicating if there was an error sending the SMS message. Errors: NoError STOPfromPhoneNumber LicenseKeyInvalid PhoneNumberInvalid MessageInvalid ScheduledDateTimeIsNotUTC InvalidAssignedDID NotFound (Occurs for Invalid MessageID) InternalError ContactCdyneAccountSuspended	<i>String</i>	NoError
<b>SMSIncomingMessages:</b> Returns true or false if replies can be received.	<i>Boolean</i>	True
<b>Sent:</b> Returns true or false if the SMS message has been sent to the carrier.	<i>Boolean</i>	False
<b>SentDateTime:</b> Returns the UTC Date and Time of when the message was sent.	<i>Datetime</i>	0001-01-01T00:00:00

▼ SimpleSMSSendWithPostback

Operation: SimpleSMSSendWithPostback Input		
Parameter Name:	Data Type	Sample Input
<b>PhoneNumber:</b> Input phone number to send SMS. (International Format = 011 + country code + number)	<i>String</i>	17575551234
<b>LicenseKey:</b> See page 1 for more info.	<i>Guid</i>	F01d89fd-5155-5455-5585-e84ab8de8591
<b>Message:</b> Message to send to	<i>String</i>	This is a sample message from SMS

phone number (160 char. per message, over 160 will be continued on a second message. You will be charged for any extra messages needed).		Notify!
<b>StatusPostBackURL:</b> Input to receive posts to your server when SMS has been sent, and when response is received.	<i>String</i>	Server URL

<b>Operation: SimpleSMSSendWithPostback Output</b>		
Parameter Name:	Data Type	Sample Output
<b>MessageID:</b> Returns unique Guid ID for every SMS message sent.	<i>Guid</i>	B01d89fd-5155-5455-5585-e84ab8de8591
<b>Queued:</b> Returns true or false if the SMS message has been queued.	<i>Boolean</i>	True
<b>ReferenceID:</b> A unique ID that can be set using the AdvancedSMSSend method.	<i>String</i>	
<b>SMSError:</b> Returns a string indicating if there was an error sending the SMS message. Errors: NoError STOPfromPhoneNumber LicenseKeyInvalid PhoneNumberInvalid MessageInvalid ScheduledDateTimeIsNotUTC InvalidAssignedDID NotFound (Occurs for Invalid MessageID) InternalError ContactCdyneAccountSuspended	<i>String</i>	NoError
<b>SMSIncomingMessages:</b> Returns true or false if replies can be received.	<i>Boolean</i>	True
<b>Sent:</b> Returns true or false if the SMS message has been sent to the carrier.	<i>Boolean</i>	False
<b>SentDateTime:</b> Returns the UTC Date and Time of when the message was sent.	<i>Datetime</i>	0001-01-01T00:00:00

▼ **AdvancedSMSSend** (32,000 Limit)

-This method allows multiple numbers with one message, or multiple numbers with individual messages.

**Operation: AdvancedSMSSend Input**

Parameter Name:	Data Type	Sample Input
<b>AssignedDID:</b> Input the number of an assigned DID(Contact CDYNE to request an assigned DID)	<i>String</i>	17575551234
<b>LicenseKey:</b> See page 1 for more info.	<i>String</i>	F01d89fd-5155-5455-5585-e84ab8de8591
<b>Message:</b> Message to send to phone number (160 char. per message, over 160 will be continued on a second message. You will be charged for any extra messages needed).	<i>String</i>	This is a sample message from SMS Notify!
<b>PhoneNumbers:</b> Input phone number to send an SMS message. (International Format = 011 + country code + number)	<i>Array(string)</i>	17575551234;17575554321
<b>ReferenceID:</b> A unique ID that can be set per SMS message.	<i>String</i>	CDYNE Test
<b>ScheduledDateTime:</b> Input desired UTC time of when to send the message	<i>Datetime</i>	2009-03-23T15:02:30.05Z
<b>StatusPostbackURL:</b> Input to receive posts to your server when SMS has been sent, and when response is received.	<i>String</i>	Server URL

-The response will contain an array holding response information for each number.

<b>Operation: AdvancedSMSSend Output</b>		
Parameter Name:	Data Type	Sample Output
<b>MessageID:</b> Returns unique Guid ID for every SMS message sent.	<i>Guid</i>	B01d89fd-5155-5455-5585-e84ab8de8591
<b>Queued:</b> Returns true or false if the SMS message has been queued.	<i>Boolean</i>	True
<b>ReferenceID:</b> Returns a unique ID that is assigned during request input. (Not a required Input)	<i>String</i>	CDYNE Test
<b>SMSError:</b> Returns a string indicating if there was an error sending the SMS message. Errors: NoError STOPfromPhoneNumber	<i>String</i>	NoError

LicenseKeyInvalid PhoneNumberInvalid MessageInvalid ScheduledDateTimeIsNotUTC InvalidAssignedDID NotFound (Occurs for Invalid MessageID) InternalError ContactCdyneAccountSuspended		
<b>SMSInomingMessages:</b> Returns true or false if replies can be received.	<i>Boolean</i>	True
<b>Sent:</b> Returns true or false if the SMS message has been sent to the carrier.	<i>Boolean</i>	False
<b>SentDateTime:</b> Returns the UTC Date and Time of when the message was sent.	<i>Datetime</i>	0001-01-01T00:00:00

▼ **GetMessageStatus**

Operation: GetMessageStatus Input		
Parameter Name:	Data Type	Sample Input
<b>MessageID:</b> Input unique Guid ID that is returned with every SMS message sent.	<i>Guid</i>	B01d89fd-5155-5455-5585-e84ab8de8591

Operation: GetMessageStatus Output		
Parameter Name:	Data Type	Sample Output
<b>MessageID:</b> Returns unique Guid ID for every SMS message sent.	<i>Guid</i>	B01d89fd-5155-5455-5585-e84ab8de8591
<b>Queued:</b> Returns true or false if the SMS message has been queued.	<i>Boolean</i>	True
<b>ReferenceID:</b> Returns a unique ID that is assigned during request input. (Not a required Input)	<i>String</i>	CDYNE Test
<b>SMSError:</b> Returns a string indicating if there was an error sending the SMS message. Errors: NoError STOPfromPhoneNumber LicenseKeyInvalid PhoneNumberInvalid MessageInvalid ScheduledDateTimeIsNotUTC InvalidAssignedDID NotFound (Occurs for Invalid MessageID)	<i>String</i>	NoError

InternalError ContactCdyneAccountSuspended		
<b>SMSIncomingMessages:</b> Returns true or false if replies can be received.	<i>Boolean</i>	True
<b>Sent:</b> Returns true or false if the SMS message has been sent to the carrier.	<i>Boolean</i>	False
<b>SentDateTime:</b> Returns the UTC Date and Time of when the message was sent.	<i>Datetime</i>	0001-01-01T00:00:00

▼ **GetMessageStatusByReferenceID**

Operation: GetMessageStatusByReferenceID Input		
Parameter Name:	Data Type	Sample Input
<b>ReferenceID:</b> Input unique ID that can be set with the AdvancedSMSSend method.	<i>String</i>	CDYNE Test
<b>LicenseKey:</b> See page 1 for more info.	<i>Guid</i>	F01d89fd-5155-5455-5585-e84ab8de8591

Operation: GetMessageStatusByReferenceID Output		
Parameter Name:	Data Type	Sample Output
<b>MessageID:</b> Returns unique Guid ID for every SMS message sent.	<i>Guid</i>	B01d89fd-5155-5455-5585-e84ab8de8591
<b>Queued:</b> Returns true or false if the SMS message has been queued.	<i>Boolean</i>	True
<b>ReferenceID:</b> Returns a unique ID that is assigned during request input. (Not a required Input)	<i>String</i>	CDYNE Test
<b>SMSError:</b> Returns a string indicating if there was an error sending the SMS message. Errors: NoError STOPfromPhoneNumber LicenseKeyInvalid PhoneNumberInvalid MessageInvalid ScheduledDateTimeIsNotUTC InvalidAssignedDID NotFound (Occurs for Invalid MessageID) InternalError ContactCdyneAccountSuspended	<i>String</i>	NoError
<b>SMSInomingMessages:</b> Returns true or false if replies can be received.	<i>Boolean</i>	True
<b>Sent:</b> Returns true or false if the SMS	<i>Boolean</i>	False

message has been sent to the carrier.		
<b>SentDateTime:</b> Returns the UTC Date and Time of when the message was sent.	<i>Datetime</i>	0001-01-01T00:00:00

▼ **GetUnreadIncomingMessages**

Operation: GetUnreadIncomingMessages Input		
Parameter Name:	Data Type	Sample Input
<b>LicenseKey:</b> See page 1 for more info.	<i>Guid</i>	F01d89fd-5155-5455-5585-e84ab8de8591

Operation: GetUnreadIncomingMessages Output		
Parameter Name:	Data Type	Sample Output
<b>FromPhoneNumber:</b> Returns the Phone Number that sent the incoming message.	<i>String</i>	15551235678
<b>IncomingMessageID:</b> Returns a unique ID that is assigned to every incoming message received. (Different than Original MessageID)	<i>Guid</i>	A01d89fd-5155-5455-5585-e84ab8de8591
<b>MatchedMessageID:</b> Returns the unique ID that was assigned to the original SMS message sent.	<i>Guid</i>	B01d89fd-5155-5455-5585-e84ab8de8591
<b>Message:</b> Returns a string of the incoming message sent.	<i>String</i>	Hi, Thanks for the message.
<b>ResponseReceivedDate:</b> Returns the date and time of when the response was received.	<i>Datetime</i>	2010-05-11T19:17:28
<b>ToPhoneNumber:</b> Returns the phone number used to send the original SMS message sent.	<i>String</i>	False

▼ **SMS Postback**

-Posts are only sent to the server specified in the Postback Variables. They are posted when the message is sent out and if a response is received.

Operation: SMS Sent Postback -When the message is sent out.	
Parameter Name:	Description
<b>SMSSent</b>	Always set to "1"
<b>MessageID</b>	A unique identifier that matches the initial MessageID from the outgoing SMS.
<b>ReferenceID</b>	Returns reference ID if set on outgoing request.
<b>FromPhoneNumber</b>	Number that sent the outgoing message.

<b>ToPhoneNumber</b>	Number the outgoing message was sent to.
<b>SentTime</b>	UTC date when the message was sent out.

<b>Operation: SMS Response Postback</b> -If a response is received.	
Parameter Name:	Description
<b>SMSResponse</b>	Always set to "1"
<b>MessageID</b>	A unique identifier that matches the initial MessageID from the outgoing SMS.
<b>MatchedMessageID</b>	A GUID that is populated when the response matched a previous message.
<b>ReferenceID</b>	Returns reference ID if set on outgoing request.
<b>FromPhoneNumber</b>	Number that sent the response.
<b>ToPhoneNumber</b>	Local SMS number that received the message if an assigned DID was not used.
<b>ResponseReceiveDate</b>	UTC Date when the message came in.
<b>Message</b>	The incoming SMS Text Message Body.

▼ **CancelMessage**

<b>Operation: CancelMessage Input</b>		
Parameter Name:	Data Type	Sample Input
<b>MessageID:</b> A unique Guid ID for every SMS message sent.	<i>Guid</i>	B01d89fd-5155-5455-5585-e84ab8de8591

<b>Operation: CancelMessage Input</b>		
Parameter Name:	Data Type	Sample Input
<b>Returns a True or False value</b>	<i>String</i>	False