

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!

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

Account **DIDs** or **short codes** are required to send and receive SMS with CDYNE SMS Notify! API. Contact CDYNE at 1-800-984-3710, **email** or initiate a **chat** for more information or to order DIDs or short codes.

API Description: Send text messages from your website or application through CDYNE's two-way SMS Gateway. SMS Notify! uses DIDs or short codes assigned to your account license key to send outgoing text messages and receive incoming text messages. Use a Web Services client in any programming language to interact with SMS Notify! API.

Carriers Supported: SMS Notify! API supports [carriers worldwide](#).

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
- GetKeywords
- AssignKeywords
- RemoveKeywords

▼ **SimpleSMSSend**

-Send single, immediate text messages from your website or application with the SimpleSMSSend method.

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

Operation: SimpleSMSSend Output		
Parameter Name:	Data Type	Sample Output
MessageID: Returns unique Guid ID for every SMS message sent.	<i>Guid</i>	B01d89fd-5155-5455-5585-e84ab8de8591
Queued: Returns true or false if the SMS message has been queued.	<i>Boolean</i>	True
ReferenceID: A unique ID that can be set using the AdvancedSMSSend method.	<i>String</i>	
SMSError: 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
SMSIncomingMessages: Returns true or false if replies	<i>Boolean</i>	True

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

▼ **SimpleSMSSendWithPostback**

-Send single, immediate text messages from your website or application utilizing the [PostBackURL](#) feature. CDYNE SMS Notify! API will automatically post information to a URL you specify when text messages are sent or received via [DIDs](#) and [short codes](#).

Operation: SimpleSMSSendWithPostback Input		
Parameter Name:	Data Type	Sample Input
PhoneNumber: Input phone number to send SMS. (International Format = 011 + country code + number)	<i>String</i>	17575551234
LicenseKey: See page 1 for more info.	<i>Guid</i>	F01d89fd-5155-5455-5585-e84ab8de8591
Message: 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!
StatusPostBackURL: Input to receive posts to your server when SMS has been sent, and when response is received.	<i>String</i>	Server URL

Operation: SimpleSMSSendWithPostback Output		
Parameter Name:	Data Type	Sample Output
MessageID: Returns unique Guid ID for every SMS message sent.	<i>Guid</i>	B01d89fd-5155-5455-5585-e84ab8de8591
Queued: Returns true or false if the SMS message has been queued.	<i>Boolean</i>	True
ReferenceID: A unique ID that can be set using the AdvancedSMSSend method.	<i>String</i>	
SMSError: Returns a string indicating if there was an error sending the SMS message. Errors: NoError	<i>String</i>	NoError

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

▼ **AdvancedSMSSend** (32,000 Limit)

- Immediately send or schedule a single text message to multiple phone numbers, or individual messages to multiple recipients. The AdvancedSMSSend method includes a [[PostBackURL](#)] parameter. SMS Notify! uses DIDs or short codes assigned to your account license key to send outgoing text messages and receive incoming text messages.
- You may send multiple requests within a single code request to CDYNE. View examples [here](#) of how to send multiple requests for separate messages to multiple recipients.
- The parameters shown below will need to be included in each request if you choose to add additional AdvancedSMSSend requests within your single code request to CDYNE.

Operation: AdvancedSMSSend Input		
Parameter Name:	Data Type	Sample Input
AssignedDID: Input the number of an assigned DID(Contact CDYNE to request an assigned DID). Must include 011 in front of Extended Coverage DIDs.	<i>String</i>	17575551234
LicenseKey: See page 1 for more info.	<i>String</i>	F01d89fd-5155-5455-5585-e84ab8de8591
Message: 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!

PhoneNumbers: Input phone number to send an SMS message. (International Format = 011 + country code + number)	<i>Array(string)</i>	17575551234;17575554321
ReferenceID: A unique ID that can be set per SMS message.	<i>String</i>	CDYNE Test
ScheduledDateTime: Input desired UTC time of when to send the message	<i>Datetime</i>	2009-03-23T15:02:30.05Z
StatusPostbackURL: Input to receive posts to your server when SMS has been sent, and when response is received.	<i>String</i>	Server URL
IsUnicode: Input True or False for Unicode text messaging. Only supported with Extended Coverage DIDs.	<i>Boolean</i>	True

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

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

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

▼ **GetMessageStatus**

-The GetMessageStatus method uses the MessageID parameter to return the status of a message (sent, queued, or error description).

Operation: GetMessageStatus Input		
Parameter Name:	Data Type	Sample Input
MessageID: 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
MessageID: Returns unique Guid ID for every SMS message sent.	<i>Guid</i>	B01d89fd-5155-5455-5585-e84ab8de8591
Queued: Returns true or false if the SMS message has been queued.	<i>Boolean</i>	True
ReferenceID: Returns a unique ID that is assigned during request input. (Not a required Input)	<i>String</i>	CDYNE Test
SMSError: 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
SMSIncomingMessages: Returns true or false if replies can be received.	<i>Boolean</i>	True
Sent: Returns true or false if the SMS message has been sent to the carrier.	<i>Boolean</i>	False
SentDateTime: Returns the UTC Date	<i>Datetime</i>	0001-01-01T00:00:00

and Time of when the message was sent.		
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▼ **GetMessageStatusByReferenceID**

-This method returns all messages with a predefined user ReferenceID set in [AdvancedSMSSend](#) method.

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

Operation: GetMessageStatusByReferenceID Output		
Parameter Name:	Data Type	Sample Output
MessageID: Returns unique Guid ID for every SMS message sent.	<i>Guid</i>	B01d89fd-5155-5455-5585-e84ab8de8591
Queued: Returns true or false if the SMS message has been queued.	<i>Boolean</i>	True
ReferenceID: Returns a unique ID that is assigned during request input. (Not a required Input)	<i>String</i>	CDYNE Test
SMSError: 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
SMSInomingMessages: Returns true or false if replies can be received.	<i>Boolean</i>	True
Sent: Returns true or false if the SMS message has been sent to the carrier.	<i>Boolean</i>	False
SentDateTime: Returns the UTC Date and Time of when the message was sent.	<i>Datetime</i>	0001-01-01T00:00:00

▼ **GetUnreadIncomingMessages**

-This method returns all unread text message responses attached to a single License Key and marks them as read.

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

Operation: GetUnreadIncomingMessages Output		
Parameter Name:	Data Type	Sample Output
FromPhoneNumber: Returns the Phone Number that sent the incoming message.	<i>String</i>	15551235678
IncomingMessageID: Returns a unique ID that is assigned to every incoming message received. (Different than Original MessageID)	<i>Guid</i>	A01d89fd-5155-5455-5585-e84ab8de8591
MatchedMessageID: Returns the unique ID that was assigned to the original SMS message sent.	<i>Guid</i>	B01d89fd-5155-5455-5585-e84ab8de8591
Message: Returns a string of the incoming message sent.	<i>String</i>	Hi, Thanks for the message.
ResponseReceivedDate: Returns the date and time of when the response was received.	<i>Datetime</i>	2010-05-11T19:17:28
ToPhoneNumber: 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
SMSSent	Always set to "1"
MessageID	A unique identifier that matches the initial MessageID from the outgoing SMS.
ReferenceID	Returns reference ID if set on outgoing request.
FromPhoneNumber	Number that sent the outgoing message.
ToPhoneNumber	Number the outgoing message was sent to.
SentTime	UTC date when the message was sent out.

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

▼ **CancelMessage**

-This method uses the Message ID to cancel a message scheduled for a later time or date. Does not work if message was already sent out or queued.

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

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

▼ **GetKeywords**

-Gets all currently enabled keywords for a license key.

Operation: GetKeywords Input		
Parameter Name:	Data Type	Sample Input
LicenseKey: License key to retrieve keywords for. See page 1 for more info.	<i>Guid</i>	F01d89fd-5155-5455-5585-e84ab8de8591

Operation: GetKeywords Output		
Parameter Name:	Data Type	Sample Output
ReturnCode: Return code for method	<i>String</i>	NoError

call. Should always return NoError for GetKeywords().		
EntryDate: DateTime in UTC of when keyword was added.	<i>Datetime</i>	2010-05-11T19:17:28
Keyword: Keyword.	<i>String</i>	Keyword27
ReturnCode: Return code for this keyword. Should always return NoError for GetKeywords() method.	<i>String</i>	NoError
ShortCode: ShortCode that this keyword is assigned to.	<i>String</i>	10101

▼ **AssignKeyword**

-Assigns one or more keywords to a license key.

Operation: AssignKeyword Input		
Parameter Name:	Data Type	Sample Input
LicenseKey: License key to assign new keywords to. See page 1 for more info.	<i>Guid</i>	F01d89fd-5155-5455-5585-e84ab8de8591
Keyword: New keyword.	<i>String</i>	Keyword27
ShortCode: ShortCode to assign new keyword to.	<i>String</i>	10101

Operation: AssignKeyword Output		
Parameter Name:	Data Type	Sample Output
ReturnCode: Return code for method call. Should always return NoError for AssignKeywords().	<i>String</i>	NoError
EntryDate: DateTime in UTC of when keyword was added.	<i>Datetime</i>	2010-05-11T19:17:28
Keyword: Keyword attempting to add.	<i>String</i>	Keyword27
ReturnCode: Return code for this keyword. Can return: ShortCodeInvalid KeywordInvalid KeywordAdded, ShortCodeNotAssignedToKey KeywordAlreadyInUse InternalError	<i>String</i>	KeywordAdded
ShortCode: ShortCode that this keyword is assigned to.	<i>String</i>	10101

▼ **RemoveKeyword**

-Removes one or more assigned keywords from a license key.

Operation: RemoveKeyword Input		
Parameter Name:	Data Type	Sample Input
LicenseKey: License key to remove keywords from. See page 1 for more info.	<i>Guid</i>	F01d89fd-5155-5455-5585-e84ab8de8591
Keyword: Existing keyword.	<i>String</i>	Keyword27
ShortCode: ShortCode to remove keyword from.	<i>String</i>	10101

Operation: RemoveKeyword Output		
Parameter Name:	Data Type	Sample Output
ReturnCode: Return code for method call. Should always return NoError for RemoveKeywords().	<i>String</i>	NoError
EntryDate: DateTime in UTC of when keyword was added.	<i>Datetime</i>	2010-05-11T19:17:28
Keyword: Keyword attempting to remove.	<i>String</i>	Keyword27
ReturnCode: Return code for this keyword. Can return: ShortCodeInvalid, KeywordInvalid, KeywordRemoved, KeywordNotFound, InternalError	<i>String</i>	KeywordAdded
ShortCode: ShortCode that this keyword is assigned to.	<i>String</i>	10101