

CDYNE Messaging Web Service

WSDL: <http://messaging.cdyne.com/Messaging.svc?wsdl>

Operations: <http://messaging.cdyne.com/messaging.svc/help>

Resources: http://wiki.cdyne.com/index.php/SMS_Notify!#MMS_Methods!

Product Web Page: <http://sms.cdyne.com>

Account Long Codes or Short Codes are required to send and receive MMS with CDYNE. Contact CDYNE at 1-800-984-3710, [email](#) or [chat](#) for more information or to order long codes or short codes.

API Description: Send and receive both text messages and multimedia messages from your website or application through CDYNE’s messaging gateway. Our Messaging Web Service uses long codes or short codes assigned to your account license key to send text, pictures, videos, audio and links while being compatible to the previous version of the API. Any programming language can be used to interact with the CDYNE’s Messaging API.

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](#) on our product website or by calling CDYNE at 1-800-984-3710, [email](#) or [chat](#).

EXAMPLE:

Licensing parameter seen in numerous operations	Sample Input
License Key	f01d89fd-5155-5455-5585-e84ab8de8591

Operations:

- SendMessage
- RemoveMedia
- ReadMessageStatus
- ReadIncomingMessages
- GetUnsubscribedNumbers
- GetPostbackSettingsForPhoneNumber
- GetPostbackSettingsForLicenseKey
- GetMediaInfo
- GetMedia
- CreateMediaFromUrl
- CreateMediaFromContent
- SetPostbackEnabledForPhoneNumber
- SetPostbackEnabledForLicenseKey
- SetPostbackUrlForPhoneNumber
- SetPostbackUrlForLicenseKey

▼ **SendMessage**

- Send a regular SMS or multimedia MMS message to one or more recipients.

Operation: SendMessage Input			
Parameter Name	Data Type	Sample Input	Required
Attachments: Add attachments to message. Can be a URL or MediaID.	String	https://i.pinimg.com/736x/01/5.jpg <u>OR</u> 17772	FALSE (When sending SMS message or Body parameter has a value for MMS message.)
Body: Message content.	String	This is a sample message.	FALSE (When sending MMS message and Attachment parameter has a value.) TRUE (When sending SMS message.)
Subject: Subject line content of message.	String	CDYNE Test	FALSE
LicenseKey: See page 1 for more info.	GUID	f01d89fd-5155-5455-5585-e84ab8de8591	TRUE
From: DID/short code used to send message.	String	15559080983	FALSE
To: Recipient number.	String	15551234567	TRUE
Concatenate: Flag to indicate if concatenation headers should be added to messages that were broken into fragments.	Boolean	false	FALSE
IsUnicode: Flag to indicate if message should be sent using Unicode encoding.	Boolean	false	FALSE
PostBackUrl: URL SMS information is posted to.	String	http://www.cdyne.com/postback.aspx	FALSE
ReferenceID: Unique ID that can be set.	String	123	FALSE

ScheduleDateTime: UTC date/time when message will send.	DateTime	1999-05-31T11:20:00	FALSE
UseMMS: Flag when message includes multimedia content.	Boolean	true	TRUE

Operation: SendMessage Output																																				
Parameter Name	Data Type	Sample Output																																		
Attachments: MediaID of attachment sent in message.	String	12486																																		
From: DID/short code used to send message.	String	15559080983																																		
MessageID: Unique ID set to outgoing message.	GUID	1627aea5-8e0a-4371-9022-9b504344e724																																		
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Sent Time: UTC date and time message sent.	DateTime	1999-05-31T11:20:00																																		
To: Recipient number.	String	15551234567																																		

▼ **RemoveMedia**

- Remove media you had previously added to your license key.

Operation: RemoveMedia Input			
Parameter Name	Data Type	Sample Input	Required
LicenseKey: License key media file was added to.	GUID	f01d89fd-5155-5455-5585-e84ab8de8591	TRUE
MediaID: Unique ID given to specific media file.	Int	0001	TRUE

Operation: RemoveMedia Output		
Parameter Name	Data Type	Sample Output
RemoveMedia: Confirmation media file has been removed.	Boolean	True

▼ **ReadMessageStatus**

- Read the status of an incoming or outgoing message.

Operation: ReadMessageStatus Input			
Parameter Name	Data Type	Sample Input	Required
LicenseKey: License key used to send message.	GUID	f01d89fd-5155-5455-5585-e84ab8de8591	TRUE
MessageID: Unique ID for message.	GUID	1627aea5-8e0a-4371-9022-9b504344e724	TRUE

Operation: ReadMessageStatus Output		
Parameter Name	Data Type	Sample Output
Attachment: MediaID of attachment sent in message.	String	12486
From: DID/short code used to send message.	String	15559080983
MessageID: Unique ID for message.	GUID	1627aea5-8e0a-4371-9022-9b504344e724

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<p>SentTime: UTC date and time message sent.</p>	DateTime	1999-05-31T11:20:00																																		
<p>To: Recipient number.</p>	String	15551234567																																		

▼ **ReadIncomingMessages**

- Read incoming messages – you can view new or all incoming messages.

Operation: ReadIncomingMessages Input			
Parameter Name	Data Type	Sample Input	Required
EndDate: UTC date and time of most recent incoming message.	DateTime	1999-05-31T11:20:00	FALSE
IncomingMessageID: Unique ID assigned to incoming message.	GUID	1627aea5-8e0a-4371-9022-9b504344e724	FALSE
LicenseKey: License key used to receive incoming message.	GUID	f01d89fd-5155-5455-5585-e84ab8de8591	TRUE
OutgoingMessageID: Unique ID of outgoing message.	GUID	1627aea5-8e0a-4371-9022-9b504344e724	FALSE
PageNumber: Number of page where incoming message is located.	Int	0	FALSE
PageSize: Number of incoming messages shown on page.	Int	0	FALSE
ReferenceID: Unique ID set to specific incoming message.	Int	123	FALSE
StartDate: UTC date and time of earliest incoming message received.	DateTime	1999-05-31T11:20:00	FALSE

UnreadMessagesOnly: You can choose to view all incoming messages or only incoming messages that are unread.	Boolean	false	FALSE
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Operation: ReadIncomingMessages Output		
Parameter Name	Data Type	Sample Output
Attachment: MediaID of attachment sent in message.	String	12486
From: Number used to send message.	String	15559080983
IncomingMessageID: Unique ID assigned to incoming message.	GUID	1627aea5-8e0a-4371-9022-9b504344e724
OutgoingMessageID: Unique ID assigned to outgoing message.	GUID	1627aea5-8e0a-4371-9022-9b504344e724
Payload: Incoming message content.	String	Thank you for your message
ReceivedDate: UTC date and time incoming message was received.	DateTime	1999-05-31T11:20:00
Subject: Subject of incoming message.	String	Reply
To: Recipient number.	String	15551234567
Udh: Header that shows number of concatenated messages in correct order.	Int	81,109,70,122,90,83,65,50,78,67,66,84,100

▼ **GetUnsubscribedNumbers**

- Retrieve a list of all recipient numbers who have opted out of your messaging campaign.

Operation: GetUnsubscribedNumbers Input			
Parameter Name	Data Type	Sample Input	Required
LicenseKey: License key used for campaign.	GUID	f01d89fd-5155-5455-5585-e84ab8de8591	TRUE

Operation: GetUnsubscribedNumbers Output		
Parameter Name	Data Type	Sample Output
EntryDate: UTC date and time recipient unsubscribed from campaign.	DateTime	1999-05-31T11:20:00
PhoneNumber: Phone number removed from recipient list.	String	15551234567

▼ **GetPostbackSettingsForPhoneNumber**

- Retrieve PostBackURL settings for long code or short code.

Operation: GetPostbackSettingsForPhoneNumber Input			
Parameter Name	Data Type	Sample Input	Required
LicenseKey: License key associated DID/short code	GUID	f01d89fd-5155-5455-5585-e84ab8de8591	TRUE
PhoneNumber: DID/short code being checked for PostbackURL settings.	String	15551234567	TRUE
Country: Origin country for DID/short code.	String	US	TRUE

Operation: GetPostbackSettingsForPhoneNumber Output		
Parameter Name	Data Type	Sample Output
Country: Origin Country for DID/short code.	String	US
PhoneNumber: DID/short code to check PostbackURL settings.	String	15551234567
PostbackEnabled: Notates if PostbackURL is enabled on DID/Short Code.	Boolean	true
PostbackType: Indicates whether PostBackURL is being used for incoming messages, outgoing messages, delivery receipts, or all messages associated with DID/short code.	String	All
PostbackUri: PostbackURL in use.	String	http://www.cdyne.com/postback.aspx
ReturnCode: <i>NoError</i> <i>InvalidLicenseKey</i> <i>InvaildUrl</i> <i>InvalidPhoneNumber</i> <i>InvalidPostbackType</i> <i>NotFound</i> <i>InvalidCountry</i>	String	No Error

▼ **GetPostbackSettingsForLicenseKey**

- Retrieve PostbackURL settings for license key.

Operation: GetPostbackSettingsForLicenseKey Input			
Parameter Name	Data Type	Sample Input	Required
LicenseKey: License key to check PostbackURL settings.	GUID	f01d89fd-5155-5455-5585-e84ab8de8591	TRUE

Operation: GetPostbackSettingsForPhoneNumber Output		
Parameter Name	Data Type	Sample Output
Country: DID/short code country of origin.	String	US
PhoneNumber: DID/short code attached to license key.	String	15551234567
PostbackEnabled: Notates if PostbackURL is enabled for DID/short code.	Boolean	true
PostbackType: Type Indicates whether PostBackURL is being used for incoming messages, outgoing messages, delivery receipts, or all messages associated with license key.	String	All
PostbackURL: URL SMS information is posted to.	String	http://www.cdyne.com/postback.aspx
ReturnCode: <i>NoError</i> <i>InvalidLicenseKey</i> <i>InvaildUrl</i> <i>InvalidPhoneNumber</i> <i>InvalidPostbackType</i> <i>NotFound</i> <i>InvalidCountry</i>	String	No Error

▼ **GetMediaInfo**

- Retrieve info of a media file that was added to your license key.

Operation: GetMediaInfo Input			
Parameter Name	Data Type	Sample Input	Required
EndDate: UTC date and time media removed from license key.	DateTime	1999-05-31T11:20:00	FALSE
FileType: File type of media.	String	.jpg	FALSE
FilenamePattern: Name of media file.	String	Monkey.jpg	FALSE (If MediaID is provided.)
IncomingMessageID: Unique ID associated to incoming message with media file.	GUID	1627aea5-8e0a-4371-9022-9b504344e724	FALSE
LicenseKey: License key associated with media file.	GUID	f01d89fd-5155-5455-5585-e84ab8de8591	TRUE
MaximumFileSize: Largest file size of media.	Int	97465	FALSE

MediaID: Unique ID for specific media file.	Int	12487	FALSE (If FilenamePattern is provided.)
MinimumFileSize: Smallest file size of media.	Int	0	FALSE
OutgoingMessageID: Unique ID associated to outgoing message with media file.	GUID	1627aea5-8e0a-4371-9022-9b504344e724	FALSE
PageNumber: Page number where media file is stored.	Int	0	FALSE
PageSize: Number of media files per page.	Int	0	FALSE
StartDate: UTC date and time media was added to license key.	DateTime	1999-05-31T11:20:00	FALSE
Tag: Category of media file.	String	Monkey	FALSE

Operation: GetMediaInfo Output		
Parameter Name	Data Type	Sample Output
FileDate: UTC date and time media was created.	DateTime	1999-05-31T11:20:00
FileName: Name of media file.	String	Monkey.jpg
FileSize: Size of media file.	Int	97465
MediaID: Unique ID given to media.	Int	12487
MimeType: Media file type.	String	image/jpeg
Tag: Category of media file.	String	Monkey

▼ **GetMedia**

-Retrieve the Base64 representation of a media file that was added to your license key.

Operation: GetMedia Input			
Parameter Name	Data Type	Sample Input	Required
LicenseKey: License key attached to media file.	GUID	f01d89fd-5155-5455-5585-e84ab8de8591	TRUE
MediaID: Unique ID of specific media file.	Int	922337203685477580	TRUE

Operation: GetMedia Output	
Data Type	Sample Output
Base64 String	\\9j\\4AAQSkZJRgABAQAAQABAAD\\

▼ **CreateMediaFromUrl**

- Create and add media to your license key from a URL.

Operation: CreateMediaFromUrl Input			
Parameter Name	Data Type	Sample Input	Required
Filename: Name of media file being created.	String	MonkeyPic.jpg	TRUE
LicenseKey: License key attached to media file.	GUID	f01d89fd-5155-5455-5585-e84ab8de8591	TRUE
Tag: Category label of new media.	String	Monkey	FALSE
URL: Link being used to create media.	String	https://i.pinimg.com/736x/01/5.jpg	TRUE

Operation: CreateMediaFromUrl Output		
Parameter Name	Data Type	Sample Output
FileDate: UTC date and time media file is created.	DateTime	1999-05-31T11:20:00
FileName: Name of media file.	String	MonkeyPic.jpg
FileSize: Size of media file.	Int	97465
MediaID: Unique ID associated to media.	Int	12467
MimeType: Type of media file.	String	image/jpeg
Tag: Category of media.	String	Monkey

▼ **CreateMediaFromContent**

-Create and add media to your license key from the Base64 representation of the image.

Operation: CreateMediaFromContent Input			
Parameter Name	Data Type	Sample Input	Required
Bae64EncodedContent: String representation of media.	String	\9j\4AAQSkZJRgABAQAAAQABAAD\	TRUE
Filename: Name of media file being created.	String	MonkeyPic.jpg	TRUE
LicenseKey: License key attached to media.	GUID	f01d89fd-5155-5455-5585-e84ab8de8591	TRUE
Tag: Category label of new media.	String	Monkey	FALSE

Operation: CreateMediaFromContent Output		
Parameter Name	Data Type	Sample Output
FileDate: UTC date and time media file was created.	DateTime	1999-05-31T11:20:00
FileName: Name of media file.	String	MonkeyPic.jpg
FileSize: Size of media file.	Int	97465
MediaID: Unique ID associated to media.	Int	12488
MimeType: Type of media file.	String	image/jpeg
Tag: Category of media.	String	Monkey

▼ **SetPostbackEnabledForPhoneNumber**

- Enable or disable a PostbackURL that you have assigned to a specific long code or short code.

Operation: SetPostbackEnabledForPhoneNumber Input			
Parameter Name	Data Type	Sample Input	Required
LicenseKey: License key associated with DID/short code.	GUID	f01d89fd-5155-5455-5585-e84ab8de8591	TRUE
PhoneNumber: DID/short code to enable URL.	String	15551234567	TRUE
Country: Origin country of DID/short code.	String	US	TRUE
PostbackType: Type Indicates whether PostBackURL is being used for incoming messages, outgoing messages, delivery receipts, or all messages associated with DID/short code.	String	All	TRUE
Enabled: Notates if PostbackURL is enabled on DID/short code.	Boolean	true	TRUE

Operation: SetPostbackEnabledForPhoneNumber Output		
Parameter Name	Data Type	Sample Output
Return Code: <i>No Error</i>	String	No Error

<i>InvalidLicenseKey</i> <i>InvalidURL</i> <i>InvalidPhoneNumber</i> <i>InvalidPostbackType</i> <i>NotFound</i> <i>InvalidCountry</i>		
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▼ **SetPostbackEnabledForLicenseKey**

- Enable or disable a PostbackURL that you have assigned to a specific license key.

Operation: SetPostbackEnabledForLicenseKey Input			
Parameter Name	Data Type	Sample Input	Required
LicenseKey: License key associated with PostBackURL.	GUID	f01d89fd-5155-5455-5585-e84ab8de8591	TRUE
PostbackType: Type Indicates whether PostBackURL is being used for incoming messages, outgoing messages, delivery receipts, or all messages associated with license key.	String	All	TRUE
Enabled: Notates if PostbackURL is enabled on license key.	Boolean	true	TRUE

Operation: SetPostbackEnabledForLicenseKey Output		
Parameter Name	Data Type	Sample Output
Return Code: <i>No Error</i> <i>InvalidLicenseKey</i> <i>InvalidURL</i> <i>InvalidPhoneNumber</i> <i>InvalidPostbackType</i> <i>NotFound</i> <i>InvalidCountry</i>	String	No Error

▼ **SetPostbackUriForPhoneNumber**

- Assign a PostbackURL to a specific long code or short code.

Operation: SetPostbackUriForPhoneNumber Input			
Parameter Name	Data Type	Sample Input	Required
LicenseKey: License key associated with DID/short code.	GUID	f01d89fd-5155-5455-5585-e84ab8de8591	TRUE

PhoneNumber: DID/short code being added to PostbackURL.	String	15551234567	TRUE
Country: Origin country of DID/short code.	String	US	TRUE
PostbackType: Type Indicates whether PostBackURL is being used for incoming messages, outgoing messages, delivery receipts, or all messages associated with DID/short code.	String	All	TRUE
URL: URL SMS information is posted to.	String	http://www.cdyne.com/postback.aspx	TRUE

Operation: SetPostbackUriForPhoneNumber Output		
Parameter Name	Data Type	Sample Output
Return Code: <i>No Error</i> <i>InvalidLicenseKey</i> <i>InvalidURL</i> <i>InvalidPhoneNumber</i> <i>InvalidPostbackType</i> <i>NotFound</i> <i>InvalidCountry</i>	String	No Error

▼ **SetPostbackUriForLicenseKey**

- Assign a PostbackURL to a specific license key.

Operation: SetPostbackUriForLicenseKey Input			
Parameter Name	Data Type	Sample Input	Required
LicenseKey: License key associated with PostBackURL.	GUID	f01d89fd-5155-5455-5585-e84ab8de8591	TRUE
PostbackType: Type Indicates whether PostBackURL is being used for incoming messages, outgoing messages, delivery receipts, or all messages associated with license key.	String	All	TRUE
URL: URL SMS information is posted to.	String	http://www.cdyne.com/postback.aspx	TRUE

Operation: SetPostBackUriForLicenseKey Output		
Parameter Name	Data Type	Sample Output
Return Code: <i>No Error</i> <i>InvalidLicenseKey</i> <i>InvalidURL</i> <i>InvalidPhoneNumber</i> <i>InvalidPostBackType</i> <i>NotFound</i> <i>InvalidCountry</i>	String	No Error