

eZeeSMS

URL API Documentation

URL API

1. ABOUT COMPANY:

Pinnacle Teleservices Pvt. Ltd. is a leading Cellular IT Solutions Company established in 2003 and awarded as **ISO 9001: 2008** Certified Company, traveled a long path with an unbelievable velocity.

Over the years Pinnacle has emerged as a fast growing online Bulk SMS service provider and Value Added services like 5digit Short code services, IVR Dialers, Outbound & Inbound call solutions, Text to Speech & Speech to text Recognition, cellular Events and promotions etc.

Pinnacle is a mobile messaging operator; having proprietary SMS Centre (SMS-C) based on an innovative SS7 based platform and thus differs from traditional SMS providers. This gives the same messaging capabilities as a mobile network operator and enables to offer greater speed, reliability and measurability than standard messaging services. Pinnacle can also provide full delivery reports and a guarantee of controls and security of the messages direct to the handsets.

Pinnacle has 50 major Channel Partners and provides services for over 6000 Clients and currently leading the aggregator fleet with live traffic of 300+ Millions SMS per month. The Services are generally aimed and focused on driving for user friendly online applications. Pinnacle has delivered a variety range of tailor made applications for its esteemed clients till now. Our expertise and innovativeness are acknowledged and used by large numbers of corporate clients in India.

We also have our presence in the field of wireless technologies like Radio frequency (RFID) identification technology and Bluetooth which are emerging technologies.

The Services are generally aimed and focused on driving for user friendly online applications. Pinnacle has delivered a variety range of tailor made applications for its esteemed clients till now. Our expertise and innovativeness are acknowledged and used by large numbers of corporate clients in India.

Pinnacle has a network of its Marketing team, a regular and prompt back end support team along with a network of its Channel Partners, contributing to leverage strengths.

The solutions arm of Pinnacle is one of the acknowledged and advanced IT Solution Providers in India. Our combined and core expertise lies in the domain of Telecom, managed by multi-talented group of young professionals and dynamic team with vast experience in Database migration, reverse engineering, database development and possessing sound performance records.

URL API

2. INTRODUCTION: This document is to provide help and illustrations to users who wish to deliver SMS using the Pinnacle SMS Gateway via the HTTP Protocol.

Accessing gateway through HTTP API is one of the best and the quickest ways to deliver SMS messages. The HTTP API can be used to send various types of SMS messages including normal Short text messages & Long text messages.

This document gives a detailed explanation of using the gateway through HTTP API.

Note: HTTP url will do 300 request per second at a time.

3. PARAMETER DEFINITION

The following table gives the list of parameters required for sending message through Pinnacle's Gateway using HTTP API.

S.NO	PARAMETER NAME	PARAMETER VALUE	PARAMETER DESCRIPTION
1.	Username	Test User	User Name of the Account
2.	Password	Test password	password of the Account
3.	SenderId	SenderId	SenderId
4.	Message	Test Message	Message to be sent
5.	dest_mobilenno	Mobile Number	Destination Mobile Number
6.	Msgtype	txt/uni/etc	Type of Message
7.	Responseid	Submission id	SMS submitted return value
8.	Date and Time	Date and Time	Date and Time
9.	Response	Y OR N	Response is required or not.

Table: Parameter Definitions

USERNAME: - username

The user is free to choose his username at the time of registration. The user parameter cannot be more than 30 characters long and can only contain alphabets and numbers, with no blank spaces or special characters.

Password: - password

The user is free to choose his password at the time of registration. The password parameter cannot be more than 30 characters long and can only contain alphabets and numbers, with no blank spaces or special characters.

SENDER-ID / NAME OF SENDER: - senderid

The Sender-Id refers to the Alphanumeric Identity of the Sender. For India an alphanumeric sender-id (of maximum 8 characters) is accepted. The sender Id registration is subject to the TRAI regulations and mandate. Please read and refer the details on the TRAI website. Pinnacle has the authority to reject any Sender Id (s) without prior intimation to the user to respect and adhere the DOT / TRAI mandate.

MOBILE NUMBER: - dest_mobilenno

URL API

This parameter refers to the destination mobile number(s) to which the message is to be sent. It must include the country code appended before the mobile number. Any error in this parameter value would lead to non-delivery of the message. The mobile number should contain only numbers and no symbols like "+", "-" etc.

MESSAGE: - message

The msg parameter refers to the actual message that is to be sent to the destination mobile number. The format of the message differs depending on the type of message being sent.

Due to restrictions in the HTTP protocol, the following special characters must be encoded, as shown below, to avoid collision with reserved HTTP characters –

Sr.No.	Character	Replacement
1	&	amp;
2	#	;hash
3	+	plus;
4	,	comma;

Table : Special Character to Replacement

MESSAGE TYPE: - MTYPE

Message Type is to identify the type of message being sent. The default value of message type is txt, which refers to Normal text message. Pinnacle Gateway classifies the type of messages to be sent on the basis of this parameter and pushes them to its SMSC accordingly.

Sr.No	MTYPE	Description
1	TXT	Normal Text Message

Table: Message Type Description

DATE and TIME:-dt and tm

The user is free to choose date and time for schedule a message. Date has to be in format YYYY-MM-DD and Time has to be in 24hrs format.

4. Messaging

- (A) To send a single message, the gateway requires parameters like Username and password (as described in the Table: Parameter Definitions) for authentication purpose in below URL format

http://www.smsjust.com/sms/user/urlsms.php?username=XXXX&pass=XXXX&senderid=XXXX&dest_mobilen=XXXX&message=XXXX&response=Y

The parameters that are going to be passed and their description is given below:

Parameter Name	Parameter Description
username	This contains the username of the user
pass	This contains the password of the user
senderid	This field holds the header that will be displayed on the mobile phone

URL API

message	This is message will not contain more than 800 characters.
dest_mobilenos	This field has all the Mobile numbers that are separated by a comma. The maximum number that can be sent in a Pollux2 request is 300. Please don't send more than 300 numbers.
response	The default parameter is Y. This field returns the schedule id with date of SMS submission

URL API

Here is the list of return values when HTTP request is created

Parameter Name	Parameter Description
ES1001 Authentication Failed (invalid username/password)	This will return when username/password are incorrect.
ES1004 Invalid Senderid	This will return when sender id is incorrect.
ES1009 Sorry unable to process request	This will return when request is unable to process.
ES1013 Template id is invalid	This will return when template id is incorrect
ES1002 Unauthorized Usage - insufficient privilege	This will return when text messaging is not active
ES1007 Account Deactivated	This will return when account is deactive.
If response is "Y" 5068570-2008_12_29 5068571-2008_12_29	This will return when messages are successfully uploaded with schedule id and followed by today's date.
Message is blank	This will return when there is no message in the URL
Account is Expire	This will return when the account is expired.
You have Exceeded your SMS Limit.	This will return when your uploaded messages are more then your balance left
If response is "Y" 5068570-2008_12_29 5068571-2008_12_29	This will return when messages are successfully uploaded with schedule id and followed by today's date.

(B) For scheduling messages, date and time needs to be specified in below URL format

http://www.smsjust.com/sms/user/urlsms.php?username=XXXX&pass=XXXX&senderid=XXXX&message=XXXX&dest_mobile no=XXXX&dt=2012-12-12&tm=18:00:00&response=Y

Parameter Name	Parameter Description
dt	This contains the date of schedule in YYYY-MM-DD format.
tm	This contains the time of schedule in 24hrs format. i.e. hr:mm:sec

In this API, msgtype can be changed as follows:

	TYPE	MESSAGE TYPE
(1)	Text	TXT
(1)	Unicode	UNI
(2)	Flash	FLASH
(3)	WAP	WAP

URL API

(1) Unicode Messaging

http://www.smsjust.com/sms/user/urlsms.php?username=XXXX&pass=XXXX&senderid=XXXX&dest_mobileno=XXXXXXXXXX&msgtype=UNI&message=XXXX&response=Y

Unicode message can be converted to desired Indian language through the option provided in Messaging->Unicode Messaging.

(2) WAP Push Messaging

http://www.smsjust.com/sms/user/urlsms.php?username=XXXXXX&pass=XXXXXX&senderid=XXXXXX&dest_mobileno=XXXXXXXXXX&message=XXXXXX&WAPURL=http://www.XXXXXX.com&msgType=WAP&response=Y

URL API

5. Checking Balance

To get information of SMS credit balance, the following URL, along with the required parameters, needs to be accessed –

http://www.smsjust.com/sms/user/balance_check.php?username=XXXX&pass=XXXX

Parameter Name	Parameter Description
Your Balance is : 2313	It will show the balances left in your account
Invalid Username and Password. Please try again	This will return when authentication is failed.

6. Changing Password

For changing the password the URL is given below:

http://www.smsjust.com/sms/user/change_password.php?username=XXXX&oldpassword=XXXX&newpassword=XXXX

Parameter Name	Parameter Description
username	This will contain the username of the user
old password	This will contain the password of the user
new password	This will contain the new password that has to be changed with old password.

Here is the list of return values when HTTP request is made

Your password has been changed successfully!!!
Incorrect Username & Password. Please try again.

7. Reports

The response id gets generated after each request posted. The same request can be posted for collecting the DLR's. The URL for collecting the DLR's: http://www.smsjust.com/sms/user/response.php?Scheduleid=2126-2010_12_23

The table below describes the various types of response from the gateway

List of Return Value When HTTP Request is Made:

Authentication Failed	:	If username and password does not match
account deactivated	:	If the account of user is inactive
No Privilege	:	If user does not have http url submission privilege/Right
invlaid account type	:	If user is reseller
Invalid senderid	:	If sender id does not match
Insufficient balance/Account Expired	:	If balance is less than submitted sms volume OR if user account Expired
Sorry unable to process	:	If there is problem in processing the transaction.

URL API

91XXXXXXXXX DELIVRD	If message is delivered successfully.
91XXXXXXXXX EXPIRED	If message is expired.
91XXXXXXXXX UNDELIV	If message is undelivered.
91XXXXXXXXX NCPR	If mobile number is registered in Do Not Disturb(DND).
91XXXXXXXXX PENDING	If message delivery report is pending.

URL API

In case of any query please feel free to contact –

<u>Description</u>	<u>Department</u>	<u>Contact Details</u>
Technical Operations	Technical support (Level 1)	Support.ezeesms@pinnacleteleservices.com +91 92252 40725

CONTACT DETAILS

Pinnacle Teleservices Pvt Ltd.

1st floor, 7 Nawab Layout, Tilak Nagar,
Near Law College Square, Nagpur-10,
Maharashtra, INDIA
Mobile: 919225240725/919225245222
Email: support@pinnacleteleservices.com