

WIZCOM LTD.
VISION HTTP Messaging Engine
Whitepaper v1.0.3

- all contents are subject to change -

1 Introduction

This interface is designed to allow easy and efficient connectivity to the Wizcom SMS system. This is simply achieved through the creation of a URL containing query strings of parameters necessary for the construction and delivery of the SMS.

2 Interface Details

Customers send requests for configuration messages via an HTTP Get interface to the Wizcom servers.

2.1 Set-up

Wizcom will provide the customer with the following information:

Data	Description	Example
Username	Username of the customer account	user1732
Password	Password for the customer account	password
URL	URL of the Wizcom <i>VISION</i> server for sending text messages	http://sms.apps.wizcommerce.com/http/send PlainText
	URL of the Wizcom <i>VISION</i> server for sending Wap Push messages	http://sms.apps.wizcommerce.com/http/send WapPush

2.2 Interface Specification

There are two HTTP interfaces available, for sending Plain Text (SMS) messages and Wap Push (Service) messages.

2.2.1 Plain Text messages

This interface simplifies the process of sending Plain Text (SMS) messages to a mobile phone. The interface takes the form of an HTTP Get request to the wizcom server, with the following parameters.

Name	Type	Max Chars	Description	Accepted Values
msisdn	String	12	Mobile number in international format	447123456789
message	String	160	The message to send. If max characters is exceeded, the messages will be split into multiple sms every 160 characters, up to a maximum of 600 characters.	Any. This must be URL encoded.
username	String	8	The username to use this service	Assigned by wizcom
password	String	8	The password to use this service	Assigned by Wizcom
Originator	String	11	The sender of your message, e.g. "wizcom"	Combination of 11 alphanumeric chars
transaction id	String	20	An option external id to associate with the request	Any. This must be URL encoded

2.2.2 Wap Push messages

This interface allows you to send Wap Push (Service) messages to a mobile phone. A Wap Push is like an internet browser bookmark; it prompts your customers to connect to your wap site, quickly and easily. The interface takes the form of an HTTP Get request to the wizcom server, with the following parameters.

Name	Type	Max Chars	Description	Accepted Values
msisdn	String	12	Mobile number in international format	447123456789
url	String		The URL of the wap page to link to	Any. This must be URL encoded.
title	String	11	The title of the Wap Push displayed on the phone.	Any. This must be URL encoded.
username	String	8	The username to use this service	Assigned by wizcom
password	String	8	The password to use this service	Assigned by Wizcom
Originator	String	11	The sender of your message, e.g. "wizcom"	Combination of 11 alphanumeric chars
Transaction id	String	20	An optional external id to associate with the request	Any. This must be URL encoded

2.3 URL Encoding

Requests sent over HTTP Get must be URL Encoded. This is the process of translating non-alphanumeric characters to make them safe for transmission over the web. Some common examples are included below

Character	URL Encoded Character
(space)	%20 or +
, (comma)	%2C
& (ampersand)	%26
# (hash)	%23
% (percent)	%25
= (equals)	%3D
+ (plus)	%2B
; (semi colon)	%3B
: (colon)	%3A
? (question mark)	%3F
\$ (dollar)	%24