

World-Text.com

Nevis Systems Limited

World-Text API
SMPP Intergration Specification

Version: 3.00

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1 SMPP Version

The provided SMPP support is SMPP version 3.3 and a cut down version 3.4, the full SMPP specification can be downloaded from the World-Text web site at www.world-text.com/docs and www.smpp.org for the 3.4 specification. Version 5.0 SMPP support is currently unplanned.

More information on SMPP and additional documentation can be obtained by [searching the internet](#).

1.1 SMPP Commands

The following list contains all the commands supported by our API:

- Bind Transmitter
- Bind Transmitter Response
- Bind Receiver
- Bind Receiver Response
- Bind Transceiver
- Bind Transceiver Response
- Unbind
- Unbind Response
- Submit SM
- Submit SM Response
- Deliver SM
- Deliver SM Response
- Query SM
- Query SM Response
- Enquire Link
- Enquire Link Response
- Generic Nack

Additional commands may be supported if requested.

1.2 Optional Parameters

Optional parameters (v3.4) are **not supported**, this is due to the lack of support by operators that we connect to.

2 Connection Settings

2.1 Host & Port Information

	Primary Host	*Backup Host
Hostname	smpp1.world-text.com	smpp2.world-text.com
TX Port	8010	8010
RX Port	8010	8010
TRX Port	8010	8010

Please check back regularly with the World-Text web site for updates to this information as we add additional SMPP resilience to our network.

***Backup Host** connections are only available to invoiced clients, pay-as-you-use clients can only connect to the primary host.

2.2 Simulator Host & Port Information

Host Name	smpp1.world-text.com
TX Port	2775
RX Port	2775
TRX Port	2775

2.3 System ID & Password

The System ID is made up of the word two characters **sm** and your Account ID, this account ID can be is on your account administration page which can be accessed by logging into your account from www.world-text.com.

Example:

Account ID: 1000
System ID : sm1000

The password is the same as that chosen when you signed up to World-Text. These fields are required for the Bind Transmitter/Receiver/Transceiver PDU's.

Currently SMPP accounts needs to be activated by World-Text support who you should contact at support@world-text.com.

2.4 System Type

The System Type should always be set to: SMPP

2.5 SMPP Version

The SMPP Version must always be set to ether 0x33 (hex 33) for version 3.3 or 0x34 (hex 34) for version 3.4. If this is not set your bind will be rejected.

3 Miscellaneous Settings

3.1 Enquire Link

Our servers dispatch Enquire Link PDU's every 90 seconds, if a correctly sequenced Enquire Link Response PDU is not received the link will be disconnected without an Unbind request and the socket closed.

Enquire links to our server should be sent no more that once in every 60 second period.

3.2 Query SM

Delivery receipts are returned for all messages irrespective of final message status, the maximum period for delivery receipts is 72 hours from dispatch. Therefore it is not necessary to dispatch Query SM PDU's to our servers unless your application does not support them.

Messages that have already reached a final status will not be available to Query SM requests.

3.3 SMPP Server Restarts

From time to time the SMPP server is restarted to allow for upgrades and configuration changes, although we try to keep these to a minimum they are required.

During a restart clients are disconnected and all Submit SM PDUs that have been successfully responded to with a Submit SM Response, but have not yet been dispatched, are cached to disk. On start-up these data files are reloaded so that no submitted data is lost.

3.4 Server Rebinds

In the event of a receiving an Unbind request from the server you should acknowledge the request with an Unbind Response and disconnect, if they do not disconnect the connections are forceably closed. Once disconnected your application should automatically rebind to the server, the frequency of rebinds should not be more that once every 30 seconds.

3.5 Custom Status Values

In addition to the standard SMPP status values returned in SMPP Message Header, the following are also valid vendor specific values.

<i>Value</i>	<i>Meaning</i>
0x400	Insufficient credit remaining on prepay account or credit limit reached (invoiced accounts)

4 Source Addresses

When the SMPP account is activated it is created only to allow transit of messages with the alphanumeric source address **World-Text** or **SMSAlert**. If you require to use a different source address then please see the information on our web site.

4.1 TON and NPI Settings

When creating your SMPP packets for alphanumeric source addresses you should use a Type of Number setting of **5** and a Numbering Plan Indicator of **6**.

For your destination address the TON and NPI should both be set to **1**.