

**Application Note:
GSM0000AN022**

**Enfora[®] Mobile Tracker
AT-Commands Over SMS**

Revision 1.00

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This document is specific to the Enabler II-G and Assisted GPS products.

A user can send AT commands to Enfora modems via SMS. The following guidelines must be followed:

- AT commands sent via SMS must originate from an address listed in the AT\$SMSDA command.
- An incorrectly formatted SMS message will be processed as a regular SMS message.
- Not having the originating address of the SMS message listed in AT\$SMSDA command will result in the SMS message being processed as a regular SMS message.
- Query of an AT command setting that returns more than 160 bytes will result in data being truncated to a maximum of 160 bytes.

The following syntax is used

>RSP=[T/F];ID=[modem id];[at command]<

The following is an example of Message Sent and Message Received:

[T/F] field has to be set to either T or F. Setting of T indicates that the response to an AT command will be sent back to the originator. Setting of F indicates that the response to an AT command will be discarded.

[modem id] field has to be the same value as AT\$MDMID command setting. This field is case-sensitive.

[at command] field has to be set to an AT command from the following list:

- AT\$ACKTM
- AT\$ACTIVE
- AT\$APIPWD
- AT\$AREG
- AT\$CONNTO
- AT\$EVDEL
- AT\$EVDELA
- AT\$EVENT
- AT\$EVTIM
- AT \$FRIEND
- AT\$IDLETO

- AT\$MDMID
- AT\$MSGLOGEN
- AT\$MSGLOGRD
- AT\$MSGSEND
- AT\$PADBLK
- AT\$PADBS
- AT\$PADDEST
- AT\$PADSRC
- AT\$PADTO
- AT\$PKG
- AT\$SMSDA
- AT\$UDPAPI
- AT\$WAKEUP
- AT+CGDCONT
- AT&W
- AT\$RESET
- AT\$EVTEST
- AT\$GFDDBC - Mobile Tracker products only
- AT\$GPSRD - Mobile Tracker products only
- AT\$GOPMD - MLG0208 only

NOTE: The AT\$RESET should be sent alone if using AT-commands over SMS mechanism. If used as the last AT command in a multiple AT-Command SMS message, NO RESPONSE is send back.

Revision History:

Date	Rev	Author	Description
09/27/05	1.00	Mike Cook	Initial Release.