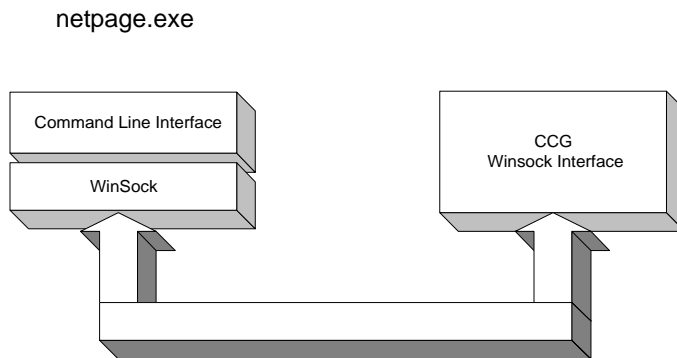### 11.1 *How To Send A Page Using Command Line*

NetPage is a command line program that any third party application can call to send out a page/sms through the CCG.

When executed, it will make a socket connection (default socket port 5050) from the netpage to the CCG, submit the message and then disconnect the socket.

netpage.exe

The NETPAGE command has the following options:

NETPAGE <PgrNo> -T<Pgr Type> -N<Network> -G<IP Addr> _
      [-A] -X<Expiry Time> -P<priority> -B<Backup IP> _
     -C<socket Port> -Y<syslog IP> "Message"

Explainations:

[-T] Pgr Type   : TAP, SMS or NUM

[-N] Network   : (as specified in the CCG in PAGE32.INI e.g. Singtel-Paging)

[-G] IP Addr   : The IP Address of the CCG.

[-A] Acknowledgement : setting this param will enable the CCG to request for delievery report

[-X] Expiry Time   : the validity period of sms (see below)

[-C] Socket Port   : default 5050. The socket port of the CCG which listens for the netpage

[-Y] Syslog IP   : The Syslog terminal IP which the netpage will send an alert to if it is unable to submit the message to the CCG

[-B] Backup IP Addr   : The backup IP Address of the CCG.

Validity Period

0 to 143	(ValidityPeriod + 1) x 5 minutes (i.e. 5 minutes intervals up to 12 hours)
144 to 167	12 hours + ((ValidityPeriod -143) x 30 minutes)
168 to 196	(ValidityPeriod - 166) x 1 day
197 to 255	(ValidityPeriod - 192) x 1 week

__Examples__

Sending a message page to a singtel pager:

netpage 91234567 -TTAP –Nsingtel-Paging -G211.2.50.100 "Test page"

Sending to a numeric pager

netpage 91234567 -TNUM "7666812#99"

Sending to a handphone. Turn on the Delivery report. Set validity period to 10 minutes, if failed to connect to the CCG, send an error message to a syslog terminal located at 192.168.1.2

netpage 91234567 –TSMS –A –X1 –Y192.168.1.8 –G192.168.1.2 "Testng SMS"

Troubleshooting

When I execute the command, it returns with the error code #10061

Possible Causes:

1. The ccg is not running.

2. the netpage is not pointing to the ccg's address
      The ccg can be running on a different machine as the PC which you execute the netpage
      and the netpage is pointing to the wrong machine (using the -G switch).
       e.g. if the CCG is running on machine 192.168.1.8, then your netpage command is:
         netpage 93899100 -TSMS -G192.168.1.8 "Testing 123"

3. Between your PC and the machine running the CCG, there is a firewall which blocks socket port 5050

When I execute netpage, it returns the error "Invalid comm. Type"

Possible causes:

When you try so submit a message and defines the recipient as a pager or handphone (switch –TTAP or –TSMS respectively), and the CCG is unable to support the required type, then the CCG will return the above error. An example is that the CCG has an SMS link disabled for some reason, and when the netpage command submits an SMS request, the CCG will return this error.

When I execute netpage, it returns the error "Access Denied"

Cause:

CCG can be configured to block a netpage command by the IP address, and/or block the recipient's handphone/pager number. This means that the CCG administrator has prevented access. Please check with the administrator on the access issue.