SMS Software

HSMS Ver 1.0

User Manual

Contents

1.0   Introduction

The HSMS is designed to capture alarm messages sent to serial printer port which is virtually mapped to the HSMS and SMS out the required message to a single mobile number.
It is tested to work with Prolink PHS300 USB Modem. A mobile SIM card is required.

2.0   Specification

2.1   Software Specification

2.1.1   Runs on WinXP, Win7, 32bits Operating System
2.1.2   Maximum 160 character for each message.
2.1.5   Only one handphone number can be assigned to be on call.
2.1.6   Virtual Com software Com0com to create Alarm Port link to iFix Alarm Printout.

2.2   Hardware Specification

(a)   Minimum Requirements for the PC as follows:
- Any x86 or better .
- 2 GB Ram or better

 (b)   Other Related Hardware:
- Prolink PHS300 USB Modem.

3.0   Software Overview
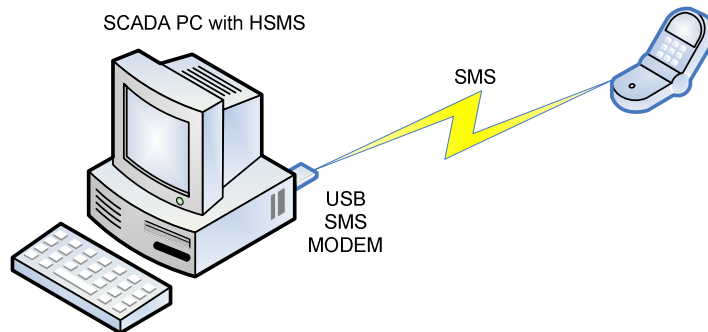

4.0   Software Description

The HSMS is a very simple and easy to use program. It consists of the HSMS.exe executable and settings.ini configuration file.

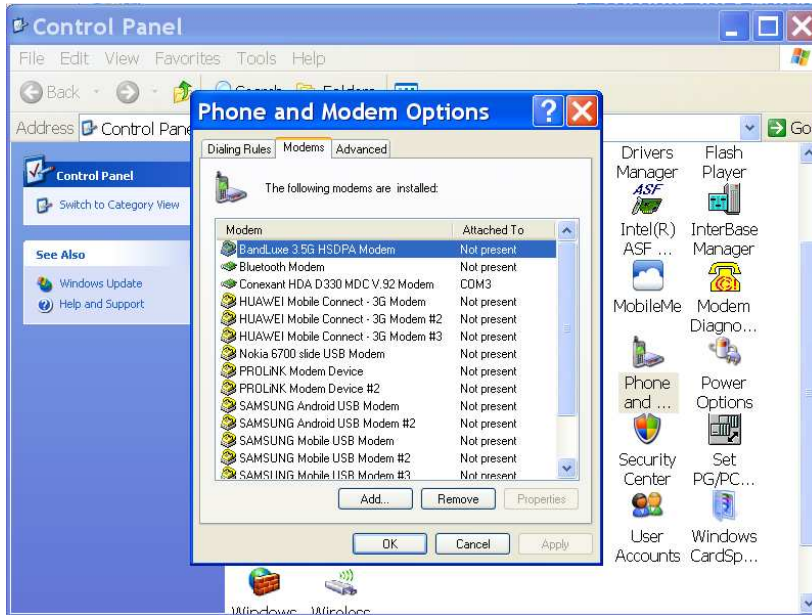Edit the settings.ini using notepad.

PORT A:47	This is the port for the SMS Modem.
SETTINGS A:115200,n,8,1	This is the baud settings for the SMS modem
LENGTH A:20	DO NOT CHANGE
PORT B:51	This is the port to receive the Alarm messages
SETTINGS B:115200,n,8,1	Baud settings for the port
LENGTH B:20	
HP:97553114	Mobile number to send the SMS.

The rest of the parameters are not used.

Once configured, run the hsms.exe program. If the com ports are not available, the program will not run.
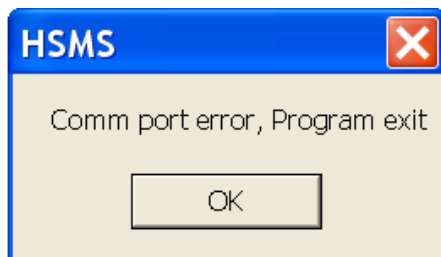
Verify that the com ports configured are available before starting.
For the SMS modem, check that the com port that is assigned to the SMS modem from the Control Panel: Phone & Modem Options

Once the program start, click on the settings button to confirm the setup.

Next, click on the Manual SMS to test the SMS modem.

Once SMS test OK, you can test the alarm messages from the iFix.

The main window will display the messages received by hsms for diagnostic. In order to identify the correct messages to send, the Alarm messages that user want to be sms out must be configure in iFix to start with a full stop "."
The first line on the display will also display the last message logged to the log file.
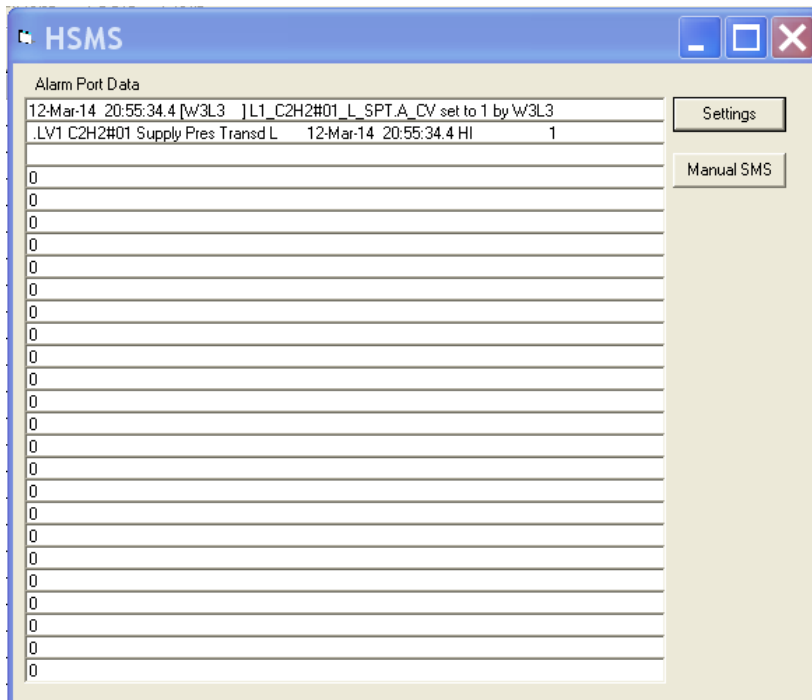
For the messages sent, User can check the Log20140312.txt in the C:\HSMS directory. The file name indicates the year month date of the log.

The hsms is configured to accept iFix Alarm Printer output. Below are the settings for the message format which must be set:

5.0   **Installation and Setup of HSMS for iFix**

5.1   This software package located in the \hsms directory in the CD.
Copy the hsms directory to transfer to the iFix PC's C:\ directory

5.2   Next install the Freeware com0com virtual com port program in the c:\hsms\com0com-3.0.0.0-i386-and-x64 directory. Click on the Setup to install.
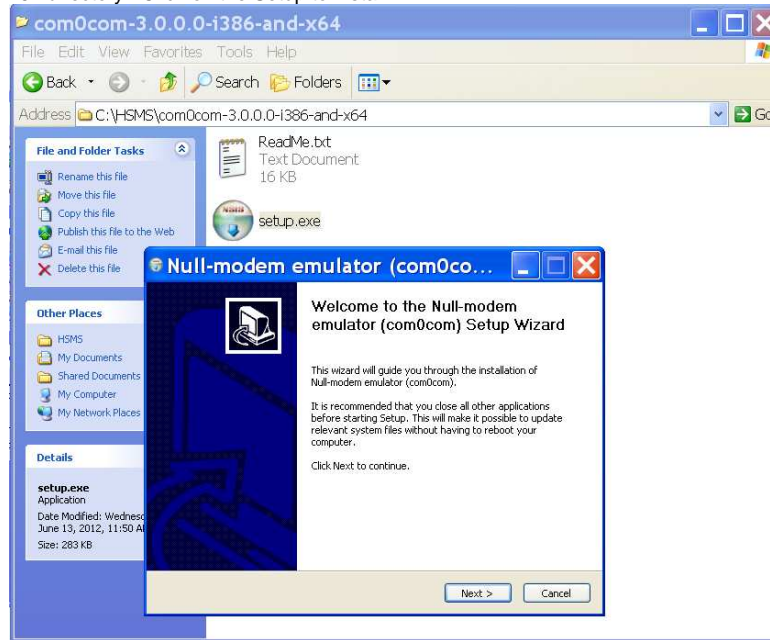
5.3   **Next run the setup for com0com to pair the com1 which is the iFix Alarm Printer output to com51 where the HSMS read the iFix Alarm messages.**
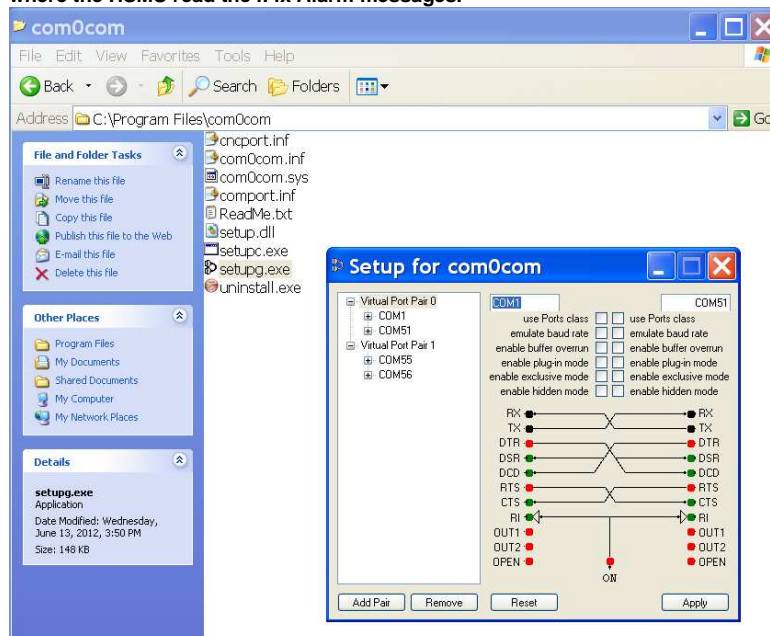
5.4   **Run the C:\HSMS\hsms.exe to start the program.**

Appendix 1: License Agreement

This SOFTWARE (HSMS) is developed by HESED SYSTEMS.

1. Grant of License: This License permits you to use one copy of the enclosed HSMS software program on a single computer. The user may make copies of this software solely for backup purpose.

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