SatComm V2.5

SatComm is a program for the Pocket PC used to communicate with Sutron's Satlink products. It is similar to Satlink Communicator, the program for the desktop PC also used to communicate with Satlink. SatComm contains the same functionality as Satlink Communicator except for advanced graphing and diagnostics.

SatComm is compatable with Satlink Logger and Satlink 2. SatComm is not compatable with Satlink Transmitters prior to version 5.0.

SatComm allows you to:

- Change the setup in Satlink.
- Download the log.
- Upgrade firmware.

New with Version 2.5

With the release of version 2.5, SatComm adds the following functionality:

- Satlink V2

Installing SatComm

SatComm is installed by executing the installation program on you PC while it is connected to the Pocket PC device. Your PC must have Microsoft ActiveSync installed. If you do not have ActiveSync yet, it can be downloaded from http://www.microsoft.com/windowsmobile/activesync/default.mspx.

To install SatComm, perform the following:

- Uninstall SatComm if it is currently installed (Settings – System – Remove Programs).
- Download and execute SatCommSetup.exe.

Using SatComm

Directions for using SatComm can be found in the Satlink User Manual. However, some of the more important points are discussed here.

Null Modem

In many cases, you need a null modem and gender changer to connect the handheld to Satlink. Specifically, if the sense of the connectors on the handheld cable and Satlink are the same (either both DCE or DTE), then a null modem and gender changer is required.

Starting the Application

Start SatComm by selecting Start – Programs – SatComm. The application uses COM1 by default. The port number may be different if you're using Bluetooth or an add-on serial card. In this case, select the correct port using the Options – Set Comm Port… menu item.

If SatComm is using a Bluetooth port, make sure Bluetooth Mode is selected on the Options menu. SatComm uses the "outgoing" Bluetooth port.

SatComm keeps the com port open until you exit the application. To fully exit the application, select File – Exit. Pressing the close ("X") button in the upper-right corner of the application **does not close the application**, but only minimizes it.

If the Pocket PC device goes to sleep while SatComm is active, you will likely need to exit and restart the SatComm application.

Syncing with Satlink

When you open SatComm, the Satlink settings shown are those from the last time the application was run, or the defaults for the first time the application is run. To synchronize the settings with the connected Satlink, select Tools – Get from Satlink. This transfers the current setup in Satlink to SatComm. After making your desired changes, select Tools – Send to Satlink to transfer the setup and the changes you made back to Satlink.

Upgrade

To prepare for upgrading Satlink using SatComm, first transfer the upgrade file (e.g., v6_10main1248Map1.upg) to the "SatComm" folder on the PocketPC device, if it is not already installed.

The "SatComm" folder on the PocketPC device may be accessed from Windows Explorer (on the desktop PC) by selecting Mobile Device – SatComm.

When you select "Tools – Upgrade firmware…", SatComm prompts you for the upgrade file. After selecting the upgrade file, SatComm completes the upgrade automatically.

Log Exports

When exporting a log file, SatComm stores the file in the SatComm folder on the PocketPC device.

Tested Platforms

SatComm has been tested on the following Pocket PC platforms and accessories:

- HP iPaq 2215
- HP iPaq 4155
- HP iPaq 5455
- HP iPaq hx2490
- Quatech Compact Flash Serial I/O Card (CF232-R)
- Socket Serial I/O CF Card (e.g., 8510-00094F)
- Socket Cordless Serial Adapter (Bluetooth dongle)

Note: Socket Compact Flash Serial I/O Cards have had problems with past drivers. Make sure you are using the latest driver available from Socket.