

CompuSat Client Control Software

Thank you for upgrading your CompuSat Satellite Earth Station control and automation software.

To use your software, all you need to do is install it and follow a few basic instructions, as described in this document.

Requirements

CompuSat uses TCP/IP communications between the host and client CompuSat programs on port 2063. The CompuSat client also needs to read and write data files in the CompuSat directory on the host computer. We normally share the current CompuSat directory as "CompuSat" and provide full read/write permission for the client computer to modify files in this directory.

Installation

Always make sure you are running matched pairs of client/host software. Never update the software on the host without also updating the client software.

Host Computer

If you have not already done so, create a sub-directory on the host computer called *Install*. Download the software by accessing the FTP site and clicking on the SETUP_HOST.EXE and SETUP_CLIENT.EXE files. Download these files to the *Install* directory.

Create a share of the current CompuSat executable directory using the share name *CompuSat*. Use a more descriptive name if you are running multiple CompuSat programs.

Note the computer name and IP address of the host computer.

Client Computer

Before you install this software, be sure the local (host) software is installed and running properly.

Browse the network and locate the host computer. You should have access the share called *CompuSat*. You will find the *Install* directory as a sub-directory in the *CompuSat* share.

Double-click the SETUP_CLIENT.EXE file in the *Install* directory to begin the installation.

Installation is simple: all that you need to do is run the installer program. If this is the first installation, answer NO when asked if you are upgrading. After installation is complete, a new folder named Image Communications is added to your hard drive in the location that you select.

NOTE

The CompuSat software does not install files on your system other than those in the CompuSat folder. To remove the software, you can run the uninstall program or simply delete the CompuSat folder, which removes all files created during the installation process.

Update your desktop and startup shortcuts

Drag the updated CompuSat Client ICON from the Image Communications Folder to the desktop and to the startup directory for this computer if CompuSat is configured to start when the computer boots.

Setting up a TCP/IP Client for the first time

Start the client version of CompuSat and answer no when asked to connect. From the CompuSat menu, select *Configuration/TCP/IP Configuration*. Enter host computer's name in the **CompuSat Host Computer Name** field using either the host computer's name or IP address (IP address preferred).

Next, press the **Browse for CompuSat Data Directory & Site File** button and browse to the *CompuSat* share on the host CompuSat computer. Next double click on the .SIT file representing your site's data. The CompuSat host directory and host file name field's should now be filled in.

Press the **OK** button.

CompuSat drawing parameters are specific to each client workstation. If you want to copy the host's drawing settings, select the checkbox. It is recommended to have CompuSat copy the host's drawing preferences the first time you setup the client.

Close the dialog and allow CompuSat to change to the new settings.

If you want to modify the drawing preferences, answer NO when asked to connect. Now you may configure the devices to appear on this client and the drawing preferences before continuing with the connection.

Upgrading your Site Data from a previous client install

The CompuSat installation program installs CompuSat to a directory based on the current release version number. For example, version 2.06 is installed into the directory "c:\compusat.206" by default.

After the installer copies your files to the hard disk, you will be asked "Copy data from an existing CompuSat installation?". Answer "YES" and select the directory of your current CompuSat installation. Your data files will be copied from this directory to the new installation directory.

NOTE: If you are upgrading from a release prior to 2.13, DO NOT copy data from a previous release

If, for any reason, the new version on CompuSat does not work properly, your old installation is left intact so that you can still run the older version.

Setting client specific values

Client's share most data with the host CompuSat by reading the data files directly from the host CompuSat's directory. Some data is specific to each client.

Each client's drawing data (Configuration/Preferences; Drawing Preferences) are unique for each client. Also, the view setup (Configuration/Machine Configuration; Device Front Panel Display) are set for each client computer.