

4... HYPERWARE™ SOFTWARE INTRODUCTION

SOFTWARE OVERVIEW

Included with the HyperLogger System is HyperWare™, a multi-functioned Windows™ based software package. HyperWare is an integrated program that works with the HyperLogger to provide communications, programming and collected data display. Integrated in the HyperWare program are the following windows / environments:

- ♦ **HyperComm™** - supports serial communications between the HyperLogger, the PC, and the PCMCIA drive *graphically*. Via HyperComm, Status inquiries can be made, data is downloaded, and Program Nets are transferred between the PC, the PCMCIA drive and/or the HyperLogger,
- ♦ **HyperNet™** - a visual programming environment for developing Program Nets via Icons and connections. The developed Net is then transferred to the HyperLogger memory where it provides operating instructions for the logging session.
- ♦ **Post Processing (including HyperPlot™)** - for graphing and data conversion of HyperLogger collected data.
- ♦ **HyperTrack™** - providing *real-time* data display of Program Net nodes as they are processed by the HyperLogger.

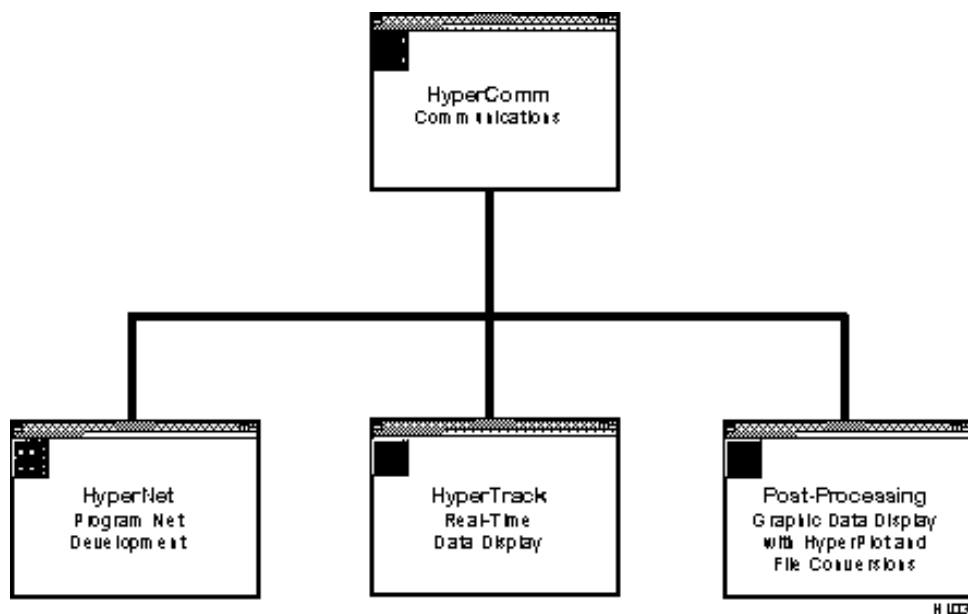


Figure 4... -1: Organization of HyperWare software

Each of the above HyperWare windows is covered in a separate chapter within this manual. In a typical data collection session with the HyperLogger, all of the above functions will be used.

PC REQUIREMENTS

To install and use HyperWare, the following minimum equipment is required:

- ◆ 386 or higher IBM PC compatible
- ◆ 4 Meg (minimum) of RAM memory
- ◆ Mouse or other pointing device
- ◆ Serial port for HyperLogger connection (via Modem or RS-232 link)
- ◆ Microsoft Windows 3.1
- ◆ VGA display
- ◆ 5 Meg of Hard disk space
- ◆ Windows supported / installed printer (optional)

HYPERWARE INSTALLATION

To install the HyperWare program onto your PC hard disk follow these steps:

1. Start Microsoft Windows.
2. Insert the HyperWare Program disk #1 into your floppy drive.
3. From the Program Manager's *File* menu, select *Run*, then type **a:install** (or **b:install**) then <ENTER>
4. Follow the on screen directions for installing the software. Dialogs prompting for User input will display during the installation providing the opportunity to customize the installation. For most Users, selecting the *default* responses to the prompts will provide a fool-proof installation.
5. After installation, double-click on the new HyperWare icon (from within the Program Manager) to launch the HyperWare application.

UPGRADING HYPERWARE TO A NEW VERSION:

Instructions for upgrading HyperWare from a previous release are supplied with the new upgrade diskette.

HYPERWARE PROGRAM TOPOLOGY

Upon launch of the HyperWare program, the HyperComm window will be displayed. From the HyperComm window, switching to other windows (HyperNet, HyperTrack, and Post-Processing) is performed by clicking on the buttons displayed on the button bar at the top of the HyperComm window. HyperWare can be visualized as shown in Figure 4... -1. From the other windows, return to the HyperComm window by clicking on the HyperComm button at the left end of the button-bar.

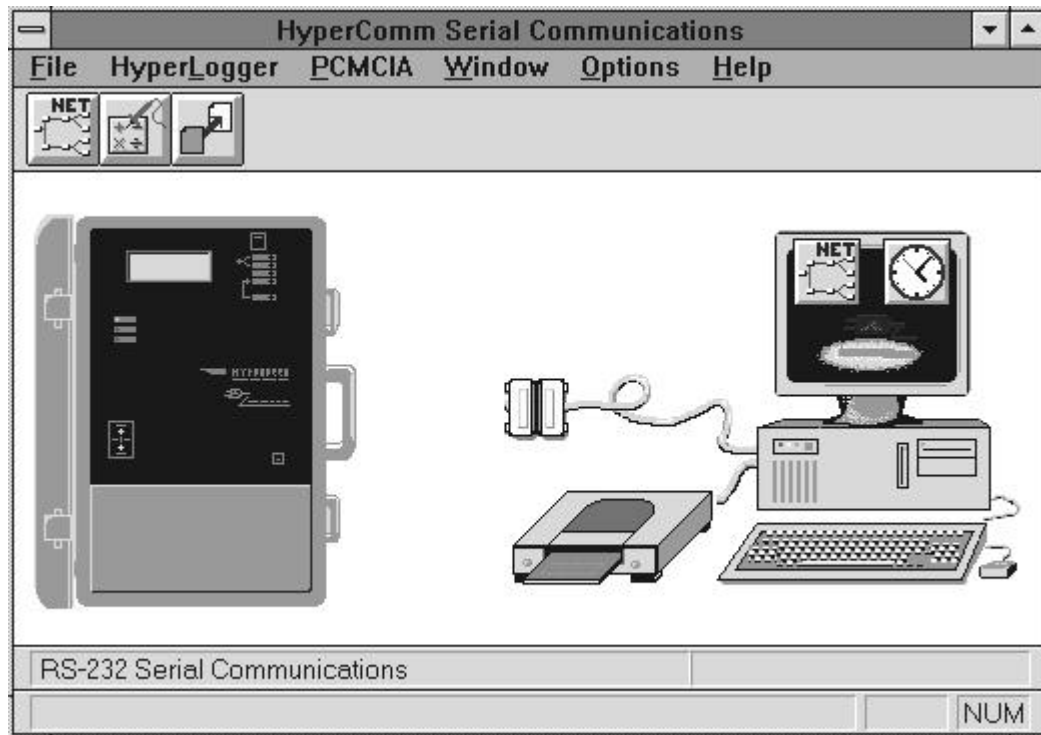


Figure 4... -2: The Opening HyperComm Window

USER INTERFACE

HyperWare complies with the conventional keyboard and mouse commands that are used in most Windows applications. Some commands require double-clicking (such as the Enable and Stop commands via serial communications) and others utilize a visual click and drag of icons (as in construction of Program Nets and for icon based serial communications).

In the HyperComm window and throughout HyperWare, passing the cursor over icons and buttons results in a short descriptor display on the Status Message Bar in the lower left corner of the screen.

HyperWare features on-line help using the conventional Windows help format. Press the <F1> key at any time or utilize the Help menu to select options for HyperWare help.

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NOTES: