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Overview

Prism provides the customer a complete Graphical Interface intended to ease the user interaction with their building HVAC system. It provides a standard, easy to understand Status Screen for each type of equipment installed. All controlling setpoints, trend logs and alarm conditions are accessed in the Prism environment. Prism can be configured for a direct On-Site installation, a Remote Modem connection, or a TCP/IP Internet connection to several installations.

NOTE: This manual assumes the user has a working knowledge of either Windows 95, 98, ME, XP or 2000 operation and does not describe, in detail, the process of copying files or other windows related functions. Learning the operation of Windows is the responsibility of the operator using this equipment.

System Requirements

To use Prism you or your end user must have a computer that meets or exceeds the following items:

- IBM™ compatible computer
- Pentium 200 MHz or Faster Microprocessor
- 64 Meg RAM
- Windows 95 / 98 / ME / XP / 2000
- Super VGA Monitor w/ 1024 x 768 Resolution Minimum
- Available Serial Port for On-Site Installations
- Internal or External Modem for Remote Installations
- Network Card for TCP/IP Communications

Feature Summary

Prism provides a broad set of features:

- Ease of use
- Trend logs can be exported for easy use into any standard spreadsheet / database program
- Automatic installation
- Alarm Logs maintained on disk
- Alarms E-mail capability
- History Logs of most user interactions with the system
- On-Site or Remote Modem or TCP/IP communications
- User programmable descriptions for every piece of equipment
- User definable passcode levels for most setpoints Current status printouts
- User defined Custom Screens for floor plans, etc.
- Tenant Log creation of the Tenant Override Billing for most controllers
- Automatic retrieval of trend logs

Installation

You must be running Windows with no other applications active. If other applications are still running, you should terminate them before attempting to install Prism. You can check for applications running in the background by pressing the Ctrl-Alt-Del keys all at the same time. If you see any virus protection programs or any other programs that might interfere with the installation, you can terminate them using the End Task button.

NOTE: If you are concerned about terminating a virus protection program, you can scan the installation disk for viruses prior to actually installing the program. Once the program is installed and the computer is rebooted, your virus program will automatically restart if it was originally installed to run whenever the computer is started.

In some cases the installation will determine that some existing files on your hard disk need to be updated before the Prism installation can continue. This is your decision to make. In some cases you may lose operational capabilities with preexisting programs if you decide to update the requested files. Wattmaster Controls, Inc. assumes no responsibility for any other program installed on your computer and cannot aid in restoring operation to any affected programs. In most cases, but not all, the updating of DLL files won't cause harmful effects, but you have been forewarned!

If the Prism installation does update a file with your permission, the computer will need to be restarted and the Setup program run again to complete the installation process. This does not occur automatically. Once again, you must check to make sure no other programs are running before beginning the installation.

Installing from CD ROM

Select Run from the Start button menu. Enter the drive letter than contains the Prism cd rom disk followed by “setup” ( e.g. type “d:\setup” ), then press <Enter> or select <OK> to begin the installation. The setup program will copy all files from all the installation disks completely before the actual graphical installation screen appears.

The setup program provides you with a default directory of C:\Prism for program installation. Unless you have specific reasons not to accept the default, you should allow the program to be installed in this directory.

After all the files have been copied and uncompressed, the setup program will attempt to “register” the copied library files with the Windows registry program. This may take a few moments to complete.

If the installation is successful, a new program group with the Prism ICON will be created and the Prism folder will be installed on the Programs Menu under the Start button.
General Program Operations

Passcode Screen

Before you can begin normal operations, a few things need to be configured to match your particular installation. You will need to enter the default passcode before proceeding. Select the Passcode Button (see below) and enter the default passcode of “sm” to gain access to all configuration menus. The passcode is case sensitive, so be sure to enter lower case text for this default value.

Select the Passcode ICON from the lower toolbar to access the User Passcode screen.

The passcode entry screen is shown below in the center of the Prism main screen. As you can see, you can secure the system by selecting the Log Off button, or you can type in the passcode and press <Enter> to gain access to the system.

Use the Cancel key if you accessed this screen by mistake and don’t wish to change the current access level. More detailed information on Passcode operation will be discussed later in this manual. You can also set up your own passcodes to allow for multiple users with up to 8 user configurable levels of passcode security. See the “Edit Users” section of this manual for detailed information on setting up passcodes.

Communications Method

General

Prism has three different communications methods and one Demo-Mode of operation.

1. Direct Serial Port Connection
2. Remote Modem Connection
3. TCP/IP Network Communications
4. DEMO MODE

Direct Serial Port and Remote Modem connections do not require any special equipment other than an internal or external modem for remote communications. TCP/IP communications requires a computer installed on a network and a TCP/IP Connectivity Kit is installed between the CommLink II device and your network hub.

All three modes are configured on the Job-site List screen where phone numbers, IP addresses and/or job-site location descriptions are programmed.
Setup Menu

Job-Site List & Connection

Select the button shown to access the Job-Site List screen. You must be Off Line before you can access this screen.

Notice the words PRISM [ Off Line ] on the very top status bar. This location will always indicate the current communications status of Prism. The Job-Site List button is the first button to the right of the Job-Site Description box.

Note: If Prism displays the On Line message, access the Communications menu and select Go Off Line.

Caution: If you attempt communications before you have configured Prism, the program operation will be erratic and may cause operational difficulties...

As you can see on the sample Job-Site List screen, the four different communications options have been programmed. The sequence of numbers on the left side indicates the Job List Number. This number is displayed on the main screen in the Job-Site Description box along with the Location programmed on this screen.

Column Heading Descriptions

Location
This is just a simple text description of the job-site or connection method and can contain up to 30 characters of identifying information.

Notice the second job-site shows the word DEMOMODE as the location description. If you want to see what types of controllers can be accessed by Prism or you want to demo the program to a customer, simply select one of the empty job-site locations on this screen and type DEMOMODE for the location description. The program will automatically configure one of each type of controller using the first few controller addresses. When you select a controller for viewing, no communications will occur but all status and setpoint screens related to that unit will be available for viewing.

Note: You should NOT use the first job-site location for demo mode if this is an actual operating system unless you don’t mind the inconvenience of having to manually select a different job-site location each time you start the Prism program. If this program is installed on a computer used strictly for demo mode, then by all means, use the first job-site location as a DEMOMODE.

Port
If this is a Direct Connect or Remote Modem Connection, you must specify the computer serial port used for this option.

A Direct Connect means that the computer is located at the job-site and a cable is attached to the CommLink II computer connector. You need to select the correct port number from the list of ports displayed by this window.

A Remote Site means that the computer is located off site at your office or some other location and you will be dialing in to the CommLink II via a modem connection. If you have installed the drivers for your modem, the modem name will appear on the list of available ports. You can specify a serial port by typing in the number directly, or you may double-click in the port grid cell to activate the PortCtl Class Properties window and select the port from a list of available ports installed on the computer. Double-clicking on the grid cell will activate the following programming window.

Press the < Enter > key to accept the data and close the editing box. To select a previously programmed job location, simply single click on the desired location and select the Done button. The selected job-site will appear in the description box on the main screen. From there you can initiate the selected communications method (direct, remote or TCP/IP).
As an alternative, you can also simply type in the port you want to use if you already know the port you wish to use. Other than the Port selection shown on the sample screen, all other fields should not be changed. They are displayed to show what the exact configuration is. If you attempt to alter any of the other fields, they will return to their default settings as soon as you exit this screen. This prevents the user from accidentally creating a configuration that will not operate correctly.

Your Port should show a list of all installed serial ports except the mouse port. As mentioned above, select the port you will be using to communicate either directly or through a modem. If you are using a modem and Windows doesn’t recognize it, then neither will Prism! To delete an existing port selection, simply right-click on the port grid cell.

### IP Address

Have your local network administrator provide the IP address of the special device connected to the CommLink II and your network hub. This option is intended to provide a means of accessing the system by multiple computers located in the same building. A maximum of 5 users can communicate at the same time when using the TCP/IP communication port method. If you are attempting to access a unit located on a different network, you will have to deal with firewalls and other network related items that are not within the scope of this manual to describe.

### Phone Number

Program phone numbers by selecting the desired grid cell with a click of the mouse and typing in the remote modem’s telephone number. Up to 30 characters can be entered and stored for this field.

### Passcode

The passcode is used to verify legitimate users attempting to call in and access the remote system. If your CommLink II device supports this option, then you can passcode protect the remote connection through the CommLink. If you don’t require this feature, or your CommLink II does not support this feature, then you may leave this field blank.

### Designator

On TCP/IP configured systems, multiple users can simultaneously be accessing the CommLink II. This presents the problem of deciding which computer requested which data and whom the data should be sent back to. To overcome this problem, all computers with access to the CommLink II should have a unique Designator number entered so that each computer can be easily identified by the CommLink and the responses can be sent to the correct user. This Designator number must be between 65 and 255 and always defaults to 65 on newly installed PRISM setups.

### Verify Setpoints

On rare occasions, when the user is changing a setpoint or performing the copy and paste of all setpoints to several units, a setpoint may or may not be accepted by the controller. To ensure greater accuracy when changing setpoints, you can enable the Verify Setpoints function for each individual job-site by entering a YES in this field. There is a tradeoff if you select this feature, the overall amount of time to send new setpoints rises dramatically because PRISM will send the new value and then begin polling the controller repeatedly until it can verify the new setpoint was accepted. If it determines the setpoint was not accepted, it will attempt to resend it up to a maximum of 3 times before informing the user that it was unable to verify reception of the new value. If this feature is not selected, PRISM will send new setpoints and continue on to the next controller and assume that all setpoints were accepted by the affected controller.

### Alarm Notification Address #1

PRISM can be configured to send an e-mail whenever an alarm is detected (Alarm Bell Ringing in upper right corner). Your computer must be configured for standard e-mail access via an internet provider or this feature will not work. You may enter from one to four e-mail addresses. All entered addresses will receive the alarm information, so multiple personnel can be contacted if required.

### Grid X1

Upper left corner horizontal position of map “hot spot” for dialout selection process. This value is entered automatically by PRISM whenever you designate a “hot spot” on the map. (See Map Selection section).

Do not attempt to enter these values manually, as it is extremely difficult to predict where they will be physically located on the map screen.

### Grid Y1

Upper left corner vertical position.

### Grid X2

Lower right corner horizontal position.

### Grid Y2

Lower right corner vertical position.

### Custom Screen

On a remote dial-out connection, you can have PRISM automatically load a custom screen as soon as the carrier detect signal is received. Double-Click on this grid cell to access the file dialog box and select the desired filename.scr file you wish to display each time a remote connection is made to the selected job-site. See the Custom Screen creation section for more information.

### Polling Options

#### Alarm Polling Enabled

As you can see under the Setup menu, there is a menu item labeled Alarm Polling Enabled or Alarm Polling Disabled. If this computer is being installed on-site, it can be configured to poll automatically for alarm conditions on all units connected to the system. This requires that the Prism software program is running continuously. If not the correct date and time of an alarm occurrence will not be logged. The computers’ time and date are used to generate the time and date of the alarms as they are detected.
Technical Guide

Setup Menu

If the menu displays the message Alarm Polling Disabled, simply click on this menu item. A check mark will appear and the text will change to Alarm Polling Enabled.

This feature should be disabled on remote setup computers until the job site is actually called and connection made. At this point you can temporarily enable the alarm polling to gather alarm information at the remote site. It is best not to leave this feature enabled all the time when the computer is used for remote communications.

If the menu displays the message Tenant Override Polling Disabled, simply click on this menu item. A check mark will appear and the text will change to Tenant Override Polling Enabled.

This feature is not meant to be used on remote job-site connections since Prism software program must be running at all times.

If a second computer is desired at the job-site, you can install an Auxiliary CommLink and connect the computer to this device. The computer attached to the Auxiliary CommLink must have the Auxiliary CommLink selected for proper operation. Only one Auxiliary CommLink is allowed per system.

If you need several computers to access the CommLink II device your only option is to install a computer network and configure all the computers for TCP/IP communications.

Auto Log Options

Auto Log Polling Times

If the Prism program is left running continuously at the job-site, it can automatically poll each installed unit for its internal trend log data at a predefined time. This allows you to save important trend log data to disk for later review and prevents loss of trend log data in case you neglect to manually retrieve the data yourself. Auto Logging is not performed unless at least one time box is checked. If you want to poll the units once a day at 11:00 AM then click the 11:00 AM box only. If you...
want it to retrieve the log every hour, 24 hours a day, you would check all of the boxes. Selecting all of the boxes is usually not necessary to get an accurate log record, but is available should you want this option. Generally logging the units once or twice a day is sufficient for most applications.

If you want to load the logs from all attached units on a one time basis without manually going to each units' Status Screen and selecting that option, then select the Start Auto Log item under the Communications menu to initiate the process.

Place a check mark next to each unit that you want to include in the Auto Logging. Only one loop of units can be displayed at a time so select the desired MiniLink loop from the Loop selection grid on the left side of the screen. If you call a remote job-site and perform manual trend log retrieval, you can also use this same selection process for each phonelist location. Each list stores it's own unique polling configuration so you only have to perform this operation once.

Trend logging is described in more detail later in this manual.
Auto Re-Start Logging After Power Failure

If you select Auto Re-Start Logging After Power Failure from the Setup Menu, should power to the computer running the Prism program be lost, the Auto Logging process will be restarted after power is restored and the computer reboots. This is a very important feature if you need to have a continuous log record.

**Caution:** This feature requires that the Prism program is included in the Windows start menu so that the Prism program will restart as soon as the computer reboots after power is restored. See the Windows help menu for information on setting up programs to automatically start when your computer is restarted.

If this feature is not checked and you are using the Auto Logging feature, when the Prism program is restarted you will have to manually select “Go On-line” under the “Communications” heading to begin Auto-Logging again.

Main Screen Picture

**Insert Main Screen Picture**

If you would like to display your company logo or a job-site picture, etc., on the main screen, select this menu item to locate and load the desired picture.

The picture can be in a Windows BMP, GIF or WMF file format. A sample screen named OfficeBLD.bmp is included so you can see a typical screen picture. This photo is sized to 660 x 442 pixels. Images may need to be resized before inserting depending on the display size you have configured for your computer monitor and the original image size. Any image that can be converted to one of the three digital formats described previously can be used.

If you decide later that you don’t like the picture you had inserted previously, select the **Remove Main Screen Picture** from the Setup menu as shown to remove all pictures from the main screen.
Communications

Search For Units

Other Prism operations are greatly simplified if the program knows what type of unit to expect at each address location on the communications loop. Before the user can search for these units the controller installations must be complete and all units communicating. To access this screen you must have entered your passcode and then click the Go Online selection located under the Communications menu.

The search screen is shown below.

Selecting the Search For Units menu assumes that all previous steps have been completed and you are ready to begin communications with the controllers. This unit search should be performed the first time you run the program and anytime you add a new controller or remove a controller from the communications loop. Once this search has been performed, the identified units will be stored on disk and you won’t need to repeat this function. Select the Start button to initiate a search.

If you are using this computer to access remote job-sites, then this search should be performed the first time you call a job-site. These identified units are saved to a file that is based on the selected phone list number. As you can see on the Search Screen, only one communications loop is searched at a time. If you have more than one loop of controllers, separated by a MiniLink Interface, then you will need to select each loop, one at a time, using the Slide Bar. Once the new loop is selected, start another search by selecting the Start button.

Once a search is started, the Start button will change text and display a Cancel button. Do not select this Cancel button unless you want to abandon the current search or have exceeded the address of the last known device on the loop being searched. If you only have two units on the loop, you can Cancel as soon as address ‘3’ is displayed. The Search Status percentage bar will show you the progress, as the system looks at all possible addresses on an individual loop.

Caution: If you are experiencing communications problems, this screen is not the cause for failure to locate controllers. Lack of communications is almost always a result of wiring errors or equipment failure, not this Search Screen! Performing a new search whenever you lose communications with a unit will cause that unit to be removed from the identified list! That means you won’t be able to select it from the Unit Selection window. Don’t perform this search without proper cause!

Once all units have been found, you are then ready to proceed to actual communications with the controllers.

A file is automatically saved that contains a list of all known units and any descriptions the user may have entered for each controller. (See Description Programming). This file uses a filename that is created by using the current Job-site List #. You can determine what that number is by looking at the Job-Site Description box in the upper left corner of the screen. The Job-site List # is always displayed in this box. If you want to copy this configuration file and any other files related to this job-site to a new computer, use the Export / Import functions found under the File menu. These functions will be described later in this manual.

Manually Adding Units

If you are not connected to the job-site but still want to configure the units and name them, you can manually add or delete a unit by accessing the Installed Unit Summary screen menu located under the File menu or it may be accessed from the “List” button on the toolbar.
The **Installed Units Summary** screen is shown here. Make sure you select the proper type of controller for the selected address. If you do not, the status screens, setpoint screens, trend logs and alarm screens will not operate correctly because the data coming from the controller will not match the improper selection you just made.

The screen shows various controllers residing at the first few controller addresses. These descriptions can be manually changed to reflect the unit location or whatever other information you deem appropriate for identifying the unit installed at this address. To change the default description, select the current description (white box) with the mouse and then type in the new description and press <Enter>.

You may also change this field using a preconfigured description list by right clicking the unit I.D. # with your mouse. As shown in the screen below, a window with a list of available units popped open when you right clicked with the mouse on the Unit #3 description. You can see that a Zone Controller was the selected unit at the Loop #1, Unit #3 address. You also have the ability to jump directly to a status screen by double clicking on the unit I.D. # from this screen.
File Menu

Export/Import All Setpoints

You can make a complete backup of your entire job-site by selecting the Export ALL Setpoints to File menu option from the installed units summary screen. This stores all setpoints from all controllers on your hard disk. You can also Import ALL Setpoints From File to restore a previous configuration. This is useful if something has changed and you need to go back to a previous known condition to make things work again.

Controller Descriptions

You can name each controller installed on the communications loop with a 20 character description that makes locating units much easier for the casual system user. There are two methods of entering unit descriptions. The first method involves opening the Installed Units Summary screen and entering new descriptions there as previously discussed. The second method is done by editing a unit description right on the main screen. Select the desired Loop or Unit description on the left side of the screen and type in a new description in the box located at the top of the screen that has the matching color. Yellow denotes Loop Names and Brown denotes Unit Names. Once the name is typed in, press the Enter key to save the new description to disk.

Note: On larger systems, this can be a very time consuming task. All Alarm Polling and Tenant Polling and AutoLog Polling should be disabled before using this feature.

Exporting/Importing Configurations

Exporting/Importing Configurations

If you have configured all the controllers and made all the description changes on the job-site and you wish to copy this information to another computer, first select the Export Unit Config item found under the File menu. This feature is NOT for Setpoint Exporting/Importing! (See Previous Section)

The following window will appear. The Job-Site Number defaults to the one you have currently selected. The job-site description is displayed above that number (List #1: Direct Connect) as shown below. If you were exporting the 5th Phone List Location you would use the Scroll bar to select Location Number 5, before exporting the data.

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As you can see in the above example, the Unit #1 description on Loop #1 is highlighted and ready for editing.

All descriptions are saved to file on the computer. If you need to copy this information to another computer, use the Export / Import feature found under the File menu item.

Exporting Data

If this is the job-site you wish to copy information from, then select the Begin Exporting button. All files associated with this selected job-site will be copied to the floppy disk for transport to the next computer. Monitor the Status field on this screen to see when the copying is complete. It will display the word Done. At this time you can select the Done button if you are finished. If you want to copy another job-site to floppy you must remove the disk you just created and install a new floppy disk. This is because you can only copy one job to a floppy disk.
File Menu

Any old data will be erased if you attempt to put more than one job on a floppy disk. With the new disk inserted, you can now use the horizontal scroll bar to select another job-site for copying. You can repeat this process until all jobs have been copied.

Importing Data

Now that you have the floppy disk or disks containing the required files, take them to the new computer you are setting up and insert a disk in the A: Drive. Now select the Import Unit Config item found under the File menu. You must know which Job-site or Remote Mode Phone List Number is available to accept a new job. Check under the Telephone / Job-site Setup section of this manual for information on how to setup or check existing job-sites. Once you know which job-site number you want to import data into, select that number using the horizontal scroll bar. Once the proper list number is displayed, select the Begin Importing button. When the process is complete, the Status line will display the word Done. You can either exit using the Done key or you can import other jobs to other job-site numbers. Replace the existing floppy disk with a different job-site disk and start this process over from the top of this paragraph.

Manually Copying Data

Normally you will not copy the list of phone numbers from one computer to another, but if you are saving files so that a replacement computer can be set up, you can duplicate the list of phone numbers by copying the PhoneList.DAT file from the old computer to the new computer. You can do this using the Windows Explorer. That process will not be explained here as it is assumed the user already has some familiarity using windows.

If you intend to duplicate all of the existing data on a new computer, it would be easier to copy all files with the extension CFG, DAT, ALM, SPT, BMP, WMF, GIF and SCR from the old computer to the new computer. Do this AFTER you install Prism on the new computer using the installation CD-ROM. Be sure to install Prism in the same directory structure you had on the old computer or the SCR files will not operate correctly.

View History Logs

All important operations are logged to a history file for diagnostic purposes. This file can be used to trace who logged on off or off the computer and what setpoints were changed and by whom they were changed. This option launches the Windows WORDPAD editor. You can delete obsolete information or print out selected sections using the WORDPAD program.

Print Unit Descriptions

Once all the units have been configured and a description has been entered, you can print out a hard copy of all controllers installed on your job-site. Select the Print Unit Descriptions item located under the File menu. The print out shows what the Job-site / Phone List number is, the Loop Description you typed in and the Loop Address.

The bottom half of the page contains the list of 60 possible controllers and any descriptions you have typed in. If no unit exists or you haven’t changed the default description, you will see the message 01 - No Unit Exists for each controller and the 01 will change to reflect the board address of the unit not there. For example, address 27 would show 27 - No Unit Exists.

Although Prism supports up to 60 Loops of Controllers, only loops with units installed will generate a printout. A partial page printout is displayed below:

--- Unit Descriptions ---

10-26-2002 08:44:00

--- Phone list Item & Location: List #6: Billy Bobs Disco ---
Loop Description: MiniLink Loop #1

--- Location Address: 00 ---

<table>
<thead>
<tr>
<th>UNIT</th>
<th>ID</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>120</td>
<td>VAV/Zone Box Control</td>
</tr>
<tr>
<td>02</td>
<td>120</td>
<td>VAV/Zone Box Control</td>
</tr>
<tr>
<td>03</td>
<td>120</td>
<td>VAV/Zone Box Control</td>
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<tr>
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<td>000</td>
<td>Bu Unit Exists</td>
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<tr>
<td>20</td>
<td>000</td>
<td>Bu Unit Exists</td>
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<td>21</td>
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<td>22</td>
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<td>Bu Unit Exists</td>
</tr>
<tr>
<td>30</td>
<td>000</td>
<td>Bu Unit Exists</td>
</tr>
</tbody>
</table>

--- End ---

--- End ---
**Edit Users**

Prism supports multiple users at up to 8 levels of passcode security. Only the user at the *System Manager Level* has the ability to change or access the database of all other users. If the system is “On-line” you must go “Off-line”.

To access this database, select the **Edit Users** menu item under the **File** menu from the main screen menu bar.

---

Select the **New** button before entering a new user. If you type over the existing data, you are actually changing or editing that current user.

Enter the users **Last Name** in the first box.

Enter the users **First Name** in the second box.

Enter the users own personal **Passcode** in the third box (Case Sensitive)

Enter the users operating **User Level** in the fourth box.

Select the **Save** button when you have finished entering each user.

Select the **Delete** button if you wish to remove a user from the system.

---

**Note:** Due to space limitations, try to limit the maximum number of characters in the User Names to 20. This will allow room to display the User Name and User Level at the bottom of the Main Screen.

The **User Level** is used to prevent unauthorized persons from access to some of the system critical setpoints or configurations. The person with level 9 (Manager) access, has the ability to set the passcode level of most setpoints on your system (see the sample setpoint screen for information on how this is accomplished).

---

The level 9 (Manager) user should change the default **User Code** and **Names**, if desired, to prevent anyone else from gaining full access to the system. If the default code is changed, it is the level 9 (Manager) user’s responsibility to “remember” the new code or they will be locked out of the system at the Manager Level!
If this is a Direct Connection setup, you will need to verify or program some settings into the CommLink II device. These settings can only be changed by the on-site computer running Prism. If you are installing a remote system, you will need to bring the CommLink II device to the remote computer and connect it to the computer serial port (Not the Modem!). Once the CommLink II is programmed, you should never have to perform this function again. You must have previously configured the correct serial port before attempting this setup. To perform this setup select the Go On-line option under the Communications menu and then select the Setup CommLink menu from the Communications menu shown below to activate the CommLink II Setup Screen.

The following CommLink II setup screen will appear:

When the screen first appears, no data will be present. You must select the Load button to retrieve setup information from the CommLink II.

Once the Load button has been pressed, the CommLink should return the following default data shown below. If the CommLink has been previously programmed, then it will return the programmed data and it may or may not match what you see below.

**Baud Rate**
This must be set to 9600 Baud. That is the only baud rate supported by this program.

**ID Number**
A two-digit number used to identify which remote location has been contacted.

**Alarm Callout Phone**
Not currently required or used by the Prism program. Should be left blank (shows None if blank). If this field is not blank, simply highlight the current data, press <BACKSPACE> and then the <Enter> key. This will clear the data. Press the Save button to send it to the CommLink. To verify that the data has been cleared, simply select the Load button again to reload the current data. This field should now show the word None.

**Alarm Callout Pager**
Some users require pager notification whenever an alarm occurs. If that is the case, enter the pager number here along with the identifying number it called from so you know who to call back. Pressing the <SPACE BAR> will also clear this field.

**Example:** 555 1212,,555 1234#

555 1212 is the number to dial
555 1234 is the number the modem is calling from
the commas command the modem to pause
# closes out the pager notification sequence

---

**Technical Guide**

**Other Communication Settings**

**CommLink II Setup**

---

**Operator Interfaces**
Modem Init String

The settings provided are for the Orion RemoteLink modem. No other modems may be used.

The Modem Init String shown on the example screen is:

\[ \text{AT S0=1 S7=120 &C1 &D2 X1%E1} \]

**Caution:** The number one cause of failure for a remote modem that does not answer a call from Prism is the S0 = 1 command is actually set to S0 = 0: If it is ZERO the Modem WILL NOT ANSWER!

Once you are satisfied with the CommLink II settings you must press the Save button to force Prism to send the new settings to the CommLink.

If this is a Direct Connection system you will need to cycle power to the CommLink II device to force it to re-initialize with the new settings. If the CommLink II was from a remote location, this will occur when you reinstall the device at the remote location.

The maximum number of characters available for phone numbers and the modem init string is 28 characters.

**Caution:** If you neglect to type in the letters AT in the start of the Modem Init String, the CommLink II will ignore the modem init string. You must use the AT command to get the modems attention!

Dialing Remote Job-Sites

There are two methods you can use to initiate a dial-out to a remote job-site. The first method is to perform the following items:

1. Access the Job-Site List icon.
2. Single click with the mouse on the phone number you wish to dial.
3. Select the Done button to close out the editing window.
4. Select the Dial-out button shown below to begin dialing.

The selected remote site description and the phone number being dialed are displayed in this window. If you selected a site in error or you simply want to terminate the dial-out, select the Stop Sign button on the screen shown below.

Once connection is made using the map selection process, a custom screen can be displayed automatically if you selected one for this phone location. On our sample Job Site List screen, we selected a custom screen named BigJohnsRestaurant.scr file. If you would like to create a custom
**Dialing Remote Job-Sites**

For your project, please see the “Creating Custom Screens” section of this manual.

Once you select Go On-line, the communications port is opened and the program begins all background communications such as Alarm Polling if it has been enabled.

**Accessing Units**

If this is a remote job-site, simply dialing the number will enable communications and put Prism in the “On Line” mode. There are three ways to begin accessing units. The first method is shown below. Select the **View Status Screen** option under the **Communications** menu and the selected units **Status Screen** will load and data will appear if communications are operating correctly.

**Note:** If you have not configured any units manually or by using the **Search for Units** function, no status screen will appear because the program does not know which screen to load until you configure the type of unit at the selected address.

The status screen displayed will be for the unit originally detected during the **Search for Units** process in the configuration setup.
If a unit was originally detected at the selected address but it is no longer communicating, the Status Screen will still appear for that unit but no data will fill in. See a status screen example on the below.

**Main Screen Toolbar**

There are 6 buttons located on the Main Screen Toolbar. The function of each button is described here.

- **Open Status Screen**
  
  If Prism has been previously configured for the type of communications and the existing controllers on the selected job-site, you can begin immediate communications with the selected unit by clicking on this button. This option will initialize the communications port and load the Status Screen and begin all background communications if they are not already in operation. This button also appears on each status screen to allow the user to initiate status updates on demand instead of waiting for the next automatic polling of the controller.

- **Custom Screens**
  
  If Prism is Off Line, this button will activate the Custom Screen Editor. If Prism is On Line, use this button to access previously created Custom Screens for live updates.

- **Passcode Entry**
  
  Use this button to access the Passcode Entry window where you can either log on or off the system.

- **View Trend Log Data**
  
  Select this button to open the View Trend Log Data window described earlier in this manual. Prism can be either On Line or Off Line when you access this button since it only loads data from the hard disk and not the controller.
Map Selection

A line indicates the area being selected. If you look closely, you can see that the area around Big Johns Restaurant has been selected. Once the area is correct, release the left mouse button. The Job List Selection screen will automatically open. To identify which List Number to call from this “hot spot” click in any cell on the desired line and the map coordinates will appear on the hidden section of the Job List screen. To verify that they were located next to the correct phone number, use the horizontal scroll bar and slide the screen to the left so you can see which Job List number they were assigned to. If the list number you require is not in view when the screen first opens, use the vertical scroll bar to reach the desired list number before you click in a grid cell to assign the coordinates.

Status Screens

All status screens operate in the same manner no matter which type of controller you are viewing. Most functions are accessed via push-buttons, but a few items are accessed from the toolbar on the screen (schedule force modes, etc.). See the information regarding toolbar operation after the sample screens.

The Zone Controller screen shown above also shows some of the status information from the Zone Manager that it is tied with. This feature allows the user to see important information from the Zone Manager in conjunction with viewing of the Zone Controller.

Again, as previously outlined a bitmap image can be manipulated using the custom screen editor, data points added to it and then output as a SCR file. This SCR file can be associated with a phone number by adding it under the custom screen header and it will appear after the number is dialed and the system connects.
Status Screen Top Toolbar Buttons

- Force Upload of Status Data or Open Status Screen
- Activate Passcode Entry window to Log On or Off the system.
- Activate Diagnostics screen for this controller.
- Activate Alarm Notification Configuration screen for this controller.
- Broadcast the Computer’s Time & Date to ALL controllers.
- Activate special force modes for this controller.
- Exit this Status Screen back to the Main Screen.

Force Immediate Upload

If a status screen is currently being displayed and you want to force an immediate upload of data from the controller, select this button. The status screen dynamically updates every 5 seconds, so this button is generally not required. In some instances, if you make a configuration change that would have an effect on the status screen, you can select this button to re-initialize the status screen to reflect the configuration changes. For example, on the Constant Volume Controller screen shown previously, you might configure the controller relays for heating or cooling. If you do select this option, the relays will change to match the current relay configuration.

Access Passcode Entry Screen

All screens with functions that are protected by passcode have this button so that you can access the passcode entry screen without returning to the main screen to perform this operation.
**Broadcast Time/Date**

Select this item to update the real time clock located on the controller. The time and date of the selected controller are normally displayed on the status screen. If you select this item, the following window appears. This window gives you the opportunity to abort the procedure if you are calling a different time zone and you forgot to change the computers time to match that time zone.

The computers’ time and date are displayed in the lower right corner of the computer screen if you haven’t deactivated the Start Menu. If you are calling in remotely and you are in a different time zone, you will need to change the computers time before performing this operation.

**Diagnostics Screen**

The Diagnostics Screen displays all available alarm conditions, whether or not they have been configured to generate an alarm callout to a pager. Also displayed is the number of times the controller has been powered.

The number of power-ups can be cleared by clicking on the displayed value. The following window will appear so that you can verify that you actually want to clear this value before the command is actually sent.

**Alarm Configuration**

All available alarms can be individually selected to generate alarm an callout to a pager if you have programmed a pager number in the CommLink II setup. The configuration screen for the VAV/CAV controller is shown below.

As you can see in this sample, a Mechanical Cooling Failure or Space Temperature Sensor Failure will cause the system to notify a pager number and generate an alarm to the system alarm polling function for logging to disk.
Prism can also be configured to send an E-mail to an address with an alarm notification message. See the Job-Site List & Connection Method section of this manual for more information on configuring alarm callouts.

### Damper Force Modes

All Box Controllers can have their dampers forced to one of the positions shown below for diagnostics or troubleshooting purposes.

#### Note:
Accessing this screen from the VAV/CAV controller Status Screen acts globally on all VAV/Zone Boxes on the VAV/CAV controllers loop. To force dampers individually, access this button from the specific VAV/Zone Box Controllers Screen.

#### Other Force Modes

VAV/CAV controllers and MUA controllers have an option to allow their schedules to be forced on or off or they can be forced to a “Fan Only” mode. To use these force modes open the status screen and click on the mode of operation box as shown below.

The following screen will be displayed allowing you to select the appropriate force mode. Be sure to return this force mode to “Auto” after you are finished using the force mode to return to normal system operation.

### Status Screen Side-bar Buttons

The buttons shown in the table below appear on the right side of the setpoint screens.

<table>
<thead>
<tr>
<th>Button</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Access Setpoint Programming Screens</td>
<td>Access Setpoint Programming Screens</td>
</tr>
<tr>
<td>Access Week Schedule Programming Screens</td>
<td>Access Week Schedule Programming Screens</td>
</tr>
<tr>
<td>Access Holiday Programming Screen</td>
<td>Access Holiday Programming Screen</td>
</tr>
<tr>
<td>Load or View Trend Log Information for Selected Controller</td>
<td>Load or View Trend Log Information for Selected Controller</td>
</tr>
<tr>
<td>Send a Text Only version of the Status Screen Data to the Printer</td>
<td>Send a Text Only version of the Status Screen Data to the Printer</td>
</tr>
<tr>
<td>Activate Summary Screen (If Available)</td>
<td>Activate Summary Screen (If Available)</td>
</tr>
</tbody>
</table>
Setpoint Screens

Accessing Setpoint Screens

To access the setpoint screens, click on the setpoint icon when in the status screen for the controller you wish to configure. Generally, each controller has several pages of setpoints that are accessed via buttons along the bottom edge of the screen. All setpoints are passcode protected. The level 9 (Manager) user can change the passcode level by right-clicking on the setpoint description and entering the desired passcode level.

All setpoints default to level 8 so that the system is most secure when first installed. Some setpoint levels can be relaxed later on if they are not critical to operation, but some setpoints should never be accessed by the casual user as they could cause serious damage to the equipment. Passcode levels are set for controller type, not individual controllers. That means that if you changed the Occupied Cooling Setpoint as shown above for controller #1, it would be the same level for all VAV/Zone Controllers Occupied Cooling Setpoints. These setpoint levels are saved in a separate file for each controller type with a file extension of DAT. If you want to copy the current setpoint level configuration to a different computer, make sure you get all files ending with this DAT extension.

The user can also access a help screen for each individual setpoint by right-clicking on the actual setpoint value. In the case of the Occupied Cooling Setpoint, the following screen would pop up, indicating how that setpoint is used.
Setpoint Screens

Setpoint Screen Toolbar Operation

All Setpoint, Scheduling and Holiday programming screens contain a toolbar with the following functions.

- **Load previously saved setpoint data from file back into the controller.**
- **Save current setpoints from controller into a file on the hard disk.**
- **Copy current setpoints to the Clipboard.**
- **Paste current setpoints on the Clipboard into the currently selected controller.**
- **Copy current setpoints from this controller to all other selected controllers.**
- **Access the passcode entry screen to log on or off the system.**
- **Erase the current schedules or holidays.** (Not available on other setpoint screens)
- **Exit the current setpoint screen.**

---

**Save to Disk**
Use this to keep a permanent record of the schedule for each controller. This allows you to recover the data from file in case you ever need to replace the controller.

**Load From Disk**
Use this to load the permanent record you created using the Save to Disk item.

**Copy Setpoints**
For a temporary Cut & Paste operation, select this item to copy the data to a temporary file.

**Paste Setpoints**
After you have selected another controller, you can use this to paste the data from a previous controller to the new controller with data you created using the Copy Setpoints item.

**Copy to All Units**
Once you have setup a controller, you can copy all the setpoints from this controller to all other similar controllers.

**Passcode**
Access the passcode entry screen if you neglected to activate your passcode before you accessed this screen.

**Erase**
On schedule and holiday screens, you can erase all current settings without going to each individual field and clearing it manually.

---

**Copy to All Units - Example**
This button allows the user to copy the setpoints from the current controller to all other similar controllers or selected controllers of similar configuration. If you access the Copy to All button, the following screen will appear which allows you to determine exactly which units will receive the new setpoint data.
The copy range is simple to select:
1. All user selected units on the same loop. The user enters individual addresses or ranges of addresses to copy to.
2. All similar units on the same loop without exception.
3. All similar units on all loops without exception.

If you want to copy to selected units on a different loop, access one of the units on the loop and paste the current setpoints into that controller and then use the Copy To All units function to select which units you want to send these setpoints to. It is a good idea to turn on “Setpoint Verification” before performing this operation to be sure all setpoints have been polled. Verification is set by opening the “Job List” from the main toolbar and going to the “Setpoint Verification” column. Enter “YES” to enable this feature and “NO” to disable it. See the “Job List” section of this manual for more information.

Scheduling Screens

Week Schedules

The screens below show what to expect if you press the Schedule button on the Status Screen. (This button is disabled on units that do not contain internal schedules). You will need to program the starting and stopping times for the Occupied Mode of Operation. The screen shown below allows you to perform that function.

To eliminate a schedule from any event, simply enter a ZERO for the Start and Stop time for that day and the screen will then show 12:00 AM for both the Start and Stop times indicating that the equipment will not activate that day.

If you want the equipment to run the full 24 hours, enter ZERO to set 12:00 AM for the Start Time and enter 11:59 PM for the Stop Time. This insures the full 24-hour period will remain in the occupied mode. If you run 24 hours per day, every day, you would set these start/stop times and the equipment would never turn off. (No one minute gaps occur at midnight).

Holidays

If your job-site has days during the year where you need to override the standard operating hours to accommodate Holidays or other special events, you can use this screen to select which days are considered Holidays.

If more holidays are entered than are available for that controller then only the first 14 will be retained. A holiday is selected by using the left mouse button and clicking on the desired day or days. The selected days will turn yellow to indicate they are part of a holiday. To deselect a holiday, click on the holiday using your right mouse button.

Note: Holidays can only be programmed for the current year. You cannot program holidays before the next year occurs.
Load Log Data From Controller

Each controller maintains its own internal log of all available temperatures and control output conditions. Select **Load Log Data From Controller** (shown below) to load the log data from the controller to a file on the hard disk. The file will be saved in its own unique subdirectory named using the Loop and Board Address of the selected controller. A separate file for each day of the year is maintained in this directory if a log is loaded for each day. This prevents abnormally large individual files from being created that cannot be loaded into your spreadsheet. The data is stored in a compact binary format to maintain small file size and provide fast loading of data into Prism for viewing. If you want to view the data in a separate spreadsheet program, use the Export function of the Log Data Viewer to create a comma delimited file that can be loaded into virtually any spreadsheet on the market.

View Log Data

On the screen below we can see that when the Trends button is pressed, you are presented with two options. The first option was to load the data from the controller onto the computer hard disk. The second option is **View Data**. Note that you can also select the **View Log Data** button from the toolbar on the main screen. Selecting the viewing option opens the following window.

To view data from a specific controller, select the controller from the Loop and Unit lists on the left of this window, not the main screen window. The calendar will default to the current computer date but you can select any previous date from any previous month or year that you have stored data by using the calendar and clicking on the desired date. Once the date is selected, click on the **Load** button to retrieve the data from the file. If you just need a quick printout, select the **Print** button. If you want to load the data into a separate spreadsheet program, select the **Export** button. All files selected for Export will be placed in an Export subdirectory inside the current Prism directory. The file name will be created as shown on the next page and will end with a CSV extension to indicate this is a comma delimited file. Most spreadsheet programs require you to import CSV files but some allow direct file opening of the comma delimited data.

**Note:** It is the responsibility of the user to be familiar with their installed spreadsheet program. The Prism manual cannot provide help or instruction in the use of third party spreadsheet programs.

These examples assume you allowed Prism to be installed in the default C:\PRISM folder. If you installed it elsewhere, substitute your folder information whenever you see the C:\PRISM designation in the examples.

File names are created using 3 pieces of information, the List Number, the Loop Number and the Unit Address:

Log0010101.CSV

The 0010101 indicates Phone List #001, Loop #01 & Unit #01.

If you had more than one communications loop and several units on each loop, the numbers would change to indicate the selected unit.

**Example #1:** You saved data for the 5th Unit on the 3rd Loop on the 1st List Number.

The file created would be named Log0010101.CSV.
The Prism program can be configured to automatically poll the CommLink II device, every 30 seconds, to see if any new alarms have been detected. Only the alarms that have been previously configured on the Alarm Configuration screens will activate an alarm. See the Alarm Configuration section of this manual for information on setting alarms. If a new alarm has come in, the alarm is logged to a file on disk. The alarm will also cause the alarm bell to turn red and begin an animated ringing motion to attract the user's attention. If the user clicks on the Alarm Bell they can access the alarm log showing all alarms that have been detected and whether they have been acknowledged or not. From this screen, a level 8 user can acknowledge the alarms. If an alarm that was just acknowledged still exists, it cannot be reported again until the condition has cleared and then returned again. If the Prism program is exited, with alarms still showing, and then restarted, the same current alarm conditions will be reported again. If the alarms are acknowledged then the Alarm Bell will stop ringing and return to its' normal gray color. You can access the current alarm log at any time by clicking the Alarm Bell button.

The alarms reported on this screen cover all units installed at the job. Don't confuse this alarm report with the Status Screen alarm messages, since the Status Screens can't display multiple alarm conditions from several units.

If an alarm has been acknowledged, it will have an ‘X’ in the first column. This log can store up to 1000 alarms before you must start deleting old alarms or you can copy this log to a backup directory and let Prism create a new alarm log from scratch.

The Date and Time are recorded when Prism actually polls and receives the alarm condition. It does not accurately reflect when the alarm occurred unless Prism is left running continuously and can log the alarms as they come in. The Loop column indicates what MiniLink address is on the communications loop the controller is installed on. If this is a single loop system with only a CommLink II device, then the Loop address will always be ‘1’. The Unit column indicates the controller
address where the alarm occurred. The descriptive name for that controller, entered by the user, is displayed in the **Name** column. The **Alarm** column indicates what the actual alarm condition is.

To delete old records, simply select the rows you want to delete by positioning the cursor on the first row you want to delete. Depress the left button and while holding the button down, drag the cursor down to the last row you want to delete. The first row you selected will have the focus box surrounding it and the remaining rows will have a blue background. The last 3 rows have been selected in the example that follows.

You can now access the **Delete Selected** item under the **File** menu and the selected rows will be cleared if you answer yes to the “Are You Sure?” question that pops up first.

The terminal screen will appear in the right hand section of the main window as a white panel that will normally be empty. The customer service personnel will then tell you what steps to perform.

**Caution:** Do not access this screen without supervision or unless you have been trained on how to use it. Access through this screen could cause equipment operation problems or communication problems!

**Start AutoLog**

See the sections labeled Select Units for Auto Logging and AutoLog Interval for more information about automatic trend log retrieval. This **Start AutoLog** menu item allows the user to initiate a retrieval of all controller trend logs without having to wait for the next auto log to occur. This menu item is also handy for retrieving all controller logs at the same time after you call the remote site. You normally don’t enable Auto Logging on a remote job since you are not continuously in communication with the job-site.

**Caution:** Any time Prism initiates an autolog retrieval or you initiate a manual retrieval, it is a very communications intensive procedure. Don’t attempt to perform other functions with Prism until all logs have been retrieved.

**Terminal Mode**

In some cases you may need to perform low level diagnostics on the equipment under the supervision of the customer service department. If you are asked to access the Terminal Mode, use the following menu selection. You will need a System Manager level passcode to access this screen.

If you only want to retrieve a log from a single controller, do not use this option. Go to the status screen for that controller and select the trend log download button from the toolbar to retrieve a log for just the selected controller. See the section entitled Trend Log Viewing for information on how to display or export these log files.
Custom Screen Creation

Prism allows the user to create simple floor-plans or summary screens or possibly an equipment photograph with temperatures overlaid on the equipment. Not all status fields on the standard status screens are available on custom screens. You can place temperatures, damper positions or pressures as a general rule. Items such as relay or fan status or day / night modes of operation cannot be placed on this screen. The creation of a sample screen will now be shown in the order that items were placed on the screen. You must be Off Line to access the Custom Screen Editor functions.

The screen editor is accessed by selecting the Custom Screen Edit button as shown on the screen capture below.

The screen below shows the editor screen as it appears before any parts or pictures are placed on the screen. Notice that the only difference you can see for now is a different set of buttons on the upper tool bar.

The first thing we want to do on this sample screen is place a floor-plan that was previously created using the Windows Paint program. Any graphics editor can be used as long as the drawing can be saved as a bitmap image. The size of the bitmap is directly related to the screen resolution you are currently using on your computer. The sample screen in the example was created at a screen resolution of 1024 x 768. A sample screen sized correctly to fit within the open portion of the screen when using 1024 x 768 resolution is included in the Prism directory. The file name is “EMPTY.BMP” order to properly size your custom screen to the correct pixel dimensions to fill the open portion of the screen.

Clicking on the Load Bitmap Image button will open the File Dialog for picture selection. Notice how all the text has already been placed on the screen while the floor-plan was being drawn. This allows the user to select any font style, color or size they need and place them anywhere desired on the screen.

If you find something that needs to be modified on the bitmap drawing after it is placed on the screen, select the bitmap editing button shown following.

This button will activate the Paint program and load the currently displayed bitmap automatically. Once you make the changes, save and exit Paint, it will reload to this screen with the new changes.
We are now ready to place data fields on the screen. Select the Data Field button and a box will appear on the screen. Position the cursor over this box, hold the left mouse button down and then drag the box to the desired location on the screen. When the box is correctly positioned, you can release the mouse button and it will remain where you placed it.

These data boxes can be repositioned any time you want after they have been placed on the screen. Simply repeat the dragging procedure to adjust the position.

Now we need to identify which unit we will poll for the data, what data field we want to display, and any font or color changes we would like to make to the data field. To do this, right click on the data field and the following pop-up menu will appear.

Once a selection is made, it will be added to the pop-up menu so that you can tell that a unit has already been assigned to the selected data field.
Select Data

Now that a unit has been selected, the program knows what data is available for display on a custom screen. Click on the “Select Data” menu to activate the data selection screen.

Since the controller at address #1 was a VAV/Zone Controller, the five conditions shown above are available for display on a custom screen. We have elected to display the Space Temperature in the Auditorium.

Click on the “Select Font Color & Size” menu to display the selection screen.

The screen allows several options in addition to choosing a font size. Color, Inner Bevel, Outer Bevel, 3D Effects, Bevel Width, Border Width and text alignment options are available. In addition once you have selected a scheme, you can use the “Duplicate Previous Field” selection button to create duplicate styles for all subsequent data field boxes you add.
Custom Screen Creation

Once all the data fields have been configured, the custom screen is now ready for access through the communications port. Be sure to save the custom screen before exiting. You may name the file whatever you desire. The program will save the file with an SCR file extension.

**Caution:** If you fail to save your custom screen before exiting the custom screen editor, all of your work will be lost!

**Access Custom Screen**

Select this button while communications are active. Once the custom screen has been created, it is now ready to load and access the units defined for each data field placed on the screen. You cannot have the custom screen editor active while communications are active so if you are still in the editor, exit that function by selecting the Exit button on the toolbar (Not from the File Menu!).

If you are not currently in a communications mode, select the Go Online item under the Communications menu to open the communications port. Now select the custom screen button. The file dialog window will open allowing you to select which custom screen you want to load. Once the screen is selected and loaded, communications should begin immediately. The screen updates once every 30 seconds so if you need to refresh the data more often, you can use the Force Immediate Upload button to cause a polling to begin immediately.

Once you are finished viewing the status screen and you select the Exit button, you will be returned to the custom screen.

Use the Main Screen Exit button on the toolbar if you want to exit the custom screen.

**Accessing Status Screens From Custom Screens**

While viewing the custom screen, you can access the standard status screen for any controller defined under one of the data fields. Simply position the cursor over the desired data field and single click with the left mouse button. On our sample screen, the VAV Box Controller Status Screen would replace the custom screen.
Help Menu

The help menu has two options available. The first is Operations Manual and the second option is About. The functions of both are listed below.

Operations Manual

The Prism manual you are currently reading is available for viewing on your computer screen or printing to your computer's printer by clicking this menu item. You will need Adobe Acrobat Reader® to view the file. If you click on this menu item and you don't have Acrobat Reader® installed on your system, you will be directed to the Acrobat Reader® website to download the free software so you can view the manual.

About

If you click on About the following screen will be displayed. Factory contact information is provided here along with what version of Prism is currently installed on your computer. This information may need to be given to customer service if you have any questions or have technical problems. The latest version of the program is generally available by logging on to the website which is shown at the bottom of the screen. If you are connected to the internet, you can double click the website address at the bottom of this screen and connect directly to the Orion website.