CONTENTS

CHAPTER 1—INTRODUCTION

PowerLogic® System Manager Software (SMS) provides access to real-time and historical system data using a standard web browser format. With SMS, you can do the following:

- view meters
- view bar charts
- view tables
- view real-time trends
- view documents
- set user preferences
- store and view historical waveforms and reports
- configure and retrieve alarm information
- create and view data diagrams

If you have installed System Manager Professional (SMS PE), you have access to the Advanced Reports report engine. Advanced Reports uses a different database, and it provides additional reports to those included in SMS SE or SMS DL. For more information, see the *SMS Setup Guide* that is included in your software shipment. Also, there is an online help file that you can access from within the Advanced Reports product.

SMS INTERFACES

SMS includes these interfaces:

- browser-based user interface, which displays real-time and historical data
- setup utility, used to set up system devices and set some system preferences
- reports module
- optional graphical design module, used to create diagrams, such as one-lines, that are then viewable via the browser

This manual tells how to use the SMS browser-based user interface to view system information using Internet Explorer (version 6.0, service pack 1, or higher). Help for the other interfaces is found within each interface.

SMS PRODUCTS

You have purchased one of these products:

- System Manager DL
- System Manager Standard
- System Manager Professional

Throughout these instructions, all three products will be called “SMS.” Not all of the SMS features are available in every product. When a feature is limited to one or two products, the instructions will explain the limitation.

PREREQUISITE INFORMATION

The instructions in this manual assume that:

- all of the prerequisites listed in the *SMS Setup Guide* have been met
- all Microsoft® licensing requirements are met
- SMS is installed according to the directions in the *SMS Setup Guide*

A printed copy of the *SMS Setup Guide* (instruction bulletin 63230-060-228) is included in your SMS software package.

ACCESSING SMS

This section describes how to open an SMS browser session. For information on opening the setup utility, see *Opening the System Manager Setup Utility*.

Before you start a browser session, the server computer must be running. You will need a valid SMS user ID and password.

Opening an SMS Browser Session

System Manager DL and Standard allow one browser connection at a time. However, if you have installed the add-on product WebXTR, there are an additional five connections, providing six simultaneous connections. System Manager Professional allows ten simultaneous browser connections.

You can open the SMS browser session from the computer at which SMS is installed, or from a remote computer. In either case, follow these steps:

1. Open Internet Explorer.
2. Enter the computer name or IP address for the SMS server, followed by "/powerlogicweb." Your system administrator can give you the name or address that you are to use.

   For example, if the computer name is "webserver," the name you will enter is:

   http://webserver/powerlogicweb.

   NOTE: From the server computer, you can also click Start > Programs > POWERLOGIC > System Manager Software.

The first time you open an SMS browser session (at the server computer as well as any remote computer), the following Security Warning screen displays:

3. To ensure that the user interface components are properly registered, you must click Yes.

NOTE: If you receive errors after clicking Yes to the Security Warning, your Windows account security may not permit installation of the user interface controls. To install them, you must be a power user or administrator on the remote computer. Contact your system administrator to remedy the situation.

The System Manager Web Client login screen displays:

4. Enter a valid login ID and password for the SMS software installed on the server computer. The user ID that you use must have both ID and password (blanks not acceptable) to be valid. You must receive this ID and password from your SMS system administrator.

   The SMS home page displays.

SMS HOME PAGE

Figure 1 depicts the SMS home page. See Table 1 for a description of the parts of the screen.

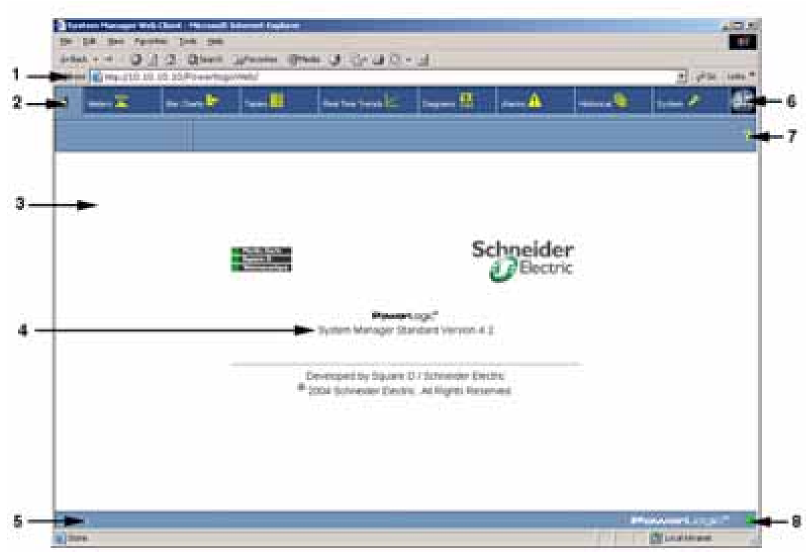


Figure 1: The SMS home page

Table 1: The Parts of the SMS Home Page

1	URL	This is the URL of the server computer: "IP/ powerlogicweb"
2	Home icon and Browser Tabs	Click the Home icon to refresh (reload) the home page. **Note**: If you defined a default page in the Preferences dialog, that page displays instead of the one shown above. See *Changing the Default Page* for instructions on defining a default home page. Each browser tab corresponds to a feature, such as viewing meters or bar charts. Click a tab to display that feature. **Note**: The Diagrams tab is active only if the add-on product GFX has been installed on the server computer.
3	Banner	The default banner is blank. You can insert your own graphic here. For help, see the *SMS Setup Guide*.
4	Version number	This is the current version of SMS software that is running on the server computer.
5	User ID	The user ID that was used when you logged on to SMS. This must be a valid ID for the SMS application that is installed on the server computer.
6	About box	Click this button to display SMS product information, such as the version number. The default graphic is the SMS logo. You can replace this graphic with your own graphic. For help, see the *SMS Setup Guide*.
7	Help button	Click the "?" icon to view the online manual: From the home page, the contents for the entire manual displays. When viewing a specific feature, only the relevant section of the manual displays (such as Using Meters).
8	Green/red link light	Indicates whether the SMS server is running. Options are: green = The SMS server is running. red = The SMS server is not running. Note: This light does not indicate whether the SMS server is communicating with the SMS Setup Utility.

Changing the SMS Setup Utility System

If you use more than one system in your SMS Setup Utility (for example, a main system and a "portable" system), you may periodically want to switch between systems. When changing the system, follow these steps to ensure that data displays correctly in the SMS browser.

1. At the SMS server computer, open the SMS Config utility (from the Setup Utility main window, click Tools > SMS Configuration Utility).
2. Select the PLComponents tab.
3. From the pull-down menu, select the system you want to use. Click OK.
4. Close all windows and restart the server computer.
5. After the computer restarts, launch the Setup Utility.
6. Change the system to match the one you selected in SMS Config:
7. Click File > Open > System; select the system and click OK.

After you make these changes, system information will display correctly in both the Setup Utility and the browser view.

HISTORICAL REPORTS

SMS includes two tools for reporting historical data. If you have System Manager PE, you will use Advanced Reports. If you have System Manager SE or System Manager DL, you will use Information Manager.

Launching Advanced Reports

Use Advanced Reports to create and view historical reports from System Manager PE.

You can launch the Advanced Reports window from two places:

Start > Programs > PowerLogic > Advanced Reports

or, from within the SMS browser, select the History tab, then click the Advanced Reports button.

You will be asked to log in; enter your SMS ID and password.

When the Advanced Reports browser window opens, see to the Advanced Reports online help for instructions on creating, editing, and using reports.

If Advanced Reports does not Open Correctly

If Advanced Reports does not open correctly, consider these possibilities:

- Windows Server 2003 only: If the Advanced Reports browser window does not display, add the website to your trusted sites. The website address to add is:

  http://pcaddress/Powerlogic/AdvancedReports/Default.aspx

  where “pcaddress” is the name of the server computer.

  If you need help adding the browser to your trusted sites, contact your system administrator.
- If you change the Windows SA password after you install Advanced Reports, you will be unable to log in to Advanced Reports. You must reset the password and then restart the Crystal Enterprise services. If you need help with this, contact your local Schneider Electric representative.
- If you launch Advanced Reports from the Start menu, it should always with a new instance of Internet Explorer. If, however, the Advanced Reports browser window opens in the existing browser window (closing the SMS browser window), do the following:

  With Internet Explorer open, click Tools > Internet Options. On the Advanced tab, uncheck “Reuse windows for launching shortcuts.” Click OK.

Launching Information Manager

Use Information Manager to create and view historical reports from System Manager SE and System Manager DL.

Launch Information Manager from the SMS Setup Utility:

Click > Reports > Information Manager > Creation Wizard. Use the wizard to create a new report, or you can view reports that have been created.

To access the Information Manager online help file, click Help > Contents.

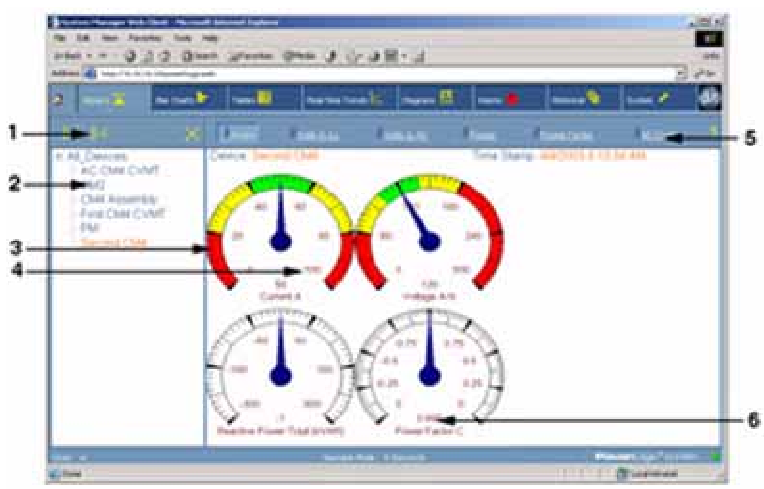
CHAPTER 2—USING METER AND BAR CHART DISPLAYS

VIEWING METER DISPLAYS

To view meter displays, do the following:

1. Click the Meters tab (see the figure below).
2. Select a device from the tree list on the left side of the page.
3. Select the desired quantity to view (Amps, Volts, etc.) from the Meters toolbar.

   The meters update at the sample rate displayed at the bottom of the browser window. (See *Changing the Sample Rate* for instructions on modifying the sample rate.)
4. To view amps, volts, power, and power factor meters on the same display, click the All Charts button. Click the quantity names at the bottom of each meter to cycle through the various phases.



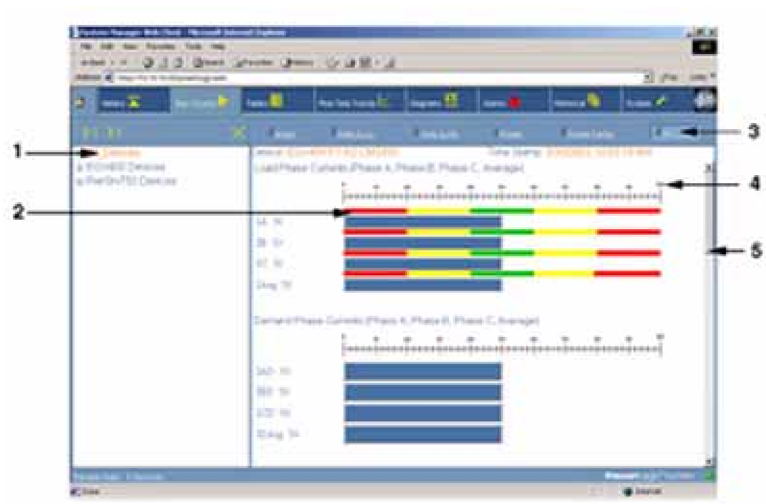
1.Click these buttons to decrease or increase the tree area. To restore the default setting, click Restore Defaults (System tab > Preferences > Tree Configuration).
2.Device groups appear as nodes in the tree. By default, nodes are closed. After you view a device in a node, nodes default to being open.
3.If configured, the meter displays color bands to indicate normal operating ranges. See *Viewing Operating Ranges in Meter and Bar Chart Displays*.
4.The maximum value in the meter can be adjusted by setting the ratings for each quantity of that device. See *Viewing Operating Ranges in Meter and Bar Chart Displays*.
5.Click *All Charts* to view amperes, volts, power factor, and power on the same page.
6.Click the quantity label to view other phases in All Charts view.

VIEWING BAR CHARTS

To view bar charts, do the following:

1. Click the Bar Charts tab.
2. Select a device from the list on the left side of the page.
3. Select the desired quantity to view (amps, volts, etc.).

   The bar charts update at the sample rate displayed at the bottom of the browser window. (See *Changing the Sample Rate* for instructions on changing the sample rate.)
4. To view amps, volts, power, and power factor charts on the same display, click the All Charts button. Scroll to view all charts.



1.Device groups appear as nodes in the tree. By default, the nodes are closed. After you view a device in a node, that node defaults to being open.
2.If configured, the bar chart displays color bands to indicate normal operating ranges. See *Viewing Operating Ranges in Meter and Bar Chart Displays*.
3.The maximum value in the bar chart can be adjusted by setting the ratings for each quantity of that device. See *Viewing Operating Ranges in Meter and Bar Chart Displays*.
4.Click *All Charts* to view amperes, volts, power factor, and power on the same page.
5.Scroll to view other charts.

VIEWING OPERATING RANGES IN METER AND BAR CHART DISPLAYS

Both meter and bar chart displays support color bands to indicate normal operating ranges. These bands only appear if you configure them during the setup process. For help setting up operating ranges for system devices, open the SMS Setup Utility help file. From within the Setup Utility, click Help > Setup Utility Help. Find the index topic “Operating Range Indication” for instructions.

You can adjust the maximum value shown in a meter or bar chart display by setting the ratings for each quantity of that device.This is accomplished during device setup in the SMS Setup Utility. For help, find the index topic “Ratings” in the SMS Setup Utility help file.

CHAPTER 3—USING REAL-TIME TABLES

VIEWING TABLES

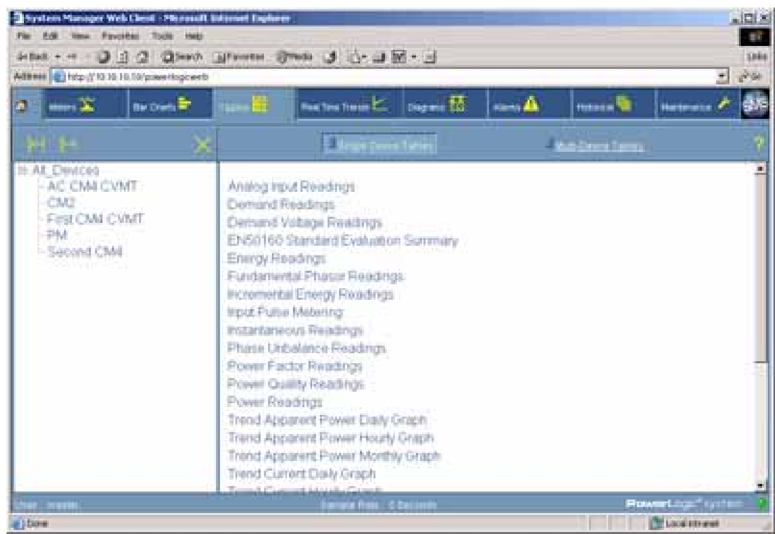
Tables display real-time data for devices that are connected to the SMS system. For example, you might view a table that displays instantaneous readings for a circuit monitor. Data from these devices is updated according to the sample rate entered in the Preferences page of the browser interface (System > Preferences > Sample Rate > Real Time Data). When a table supports multiple devices, you can include individual devices or entire groups. When a table supports a single device only, data displays for only one device at a time.

To view real-time tables, click the Tables tab.

Viewing a Single Device Table

To view a single device table, do the following:

1. Click the Tables tab.
2. Click the Single Device Tables button to display the list of available single device tables:



3. In the device list on the left side of the page, select a device.

   The list of tables is filtered to show only tables that apply to that device.
4. Click the name of a table to view it.

   The table displays and the device tree view refreshes and displays only the devices compatible with that table.

   The table data updates at the sample rate displayed at the bottom of the browser window. (See *Changing the Sample Rate* for instructions on changing the sample rate.)
5. To view a different device using the same table, select a new device from the device list.
6. To view a different table with the same device, click the Single Devices Tables button to return to the Table Selection List.
7. To view a different table and a different device, click the Tables tab.

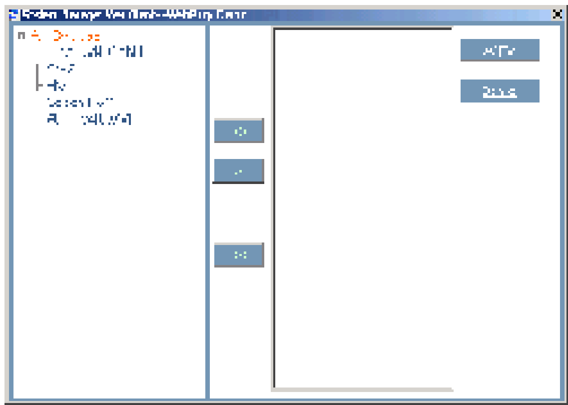
NOTE: You can also select a table, then a device. If you select the table first, the device tree view will refresh and display only the devices compatible with that table.

Viewing a Multi-Device Table

To view a multi-device table, do the following:

1. Click the Tables tab.
2. Click the Multi-Device Tables button to display a list of available tables.
3. Select a table to view.

   The list of devices is filtered to show only devices that are compatible with the selected table:



4. Select the desired device(s) from the devices list by moving them to the list on the right side of the page. Choose devices by the following means:

   - To select all devices, click  .
   - To select a single device, highlight it, then click  .
   - To select all devices within a group, select the group name and click  .
   - To deselect all selected devices, click  .

5. Click Apply to display the table.

   The table updates at the sample rate displayed at the bottom of the browser window. (See *Changing the Sample Rate* for instructions on changing the sample rate.)

6. To view a different table, click the Multi-Device Tables button to return to the Table Selection List.

CREATING QUICK TABLES

Each supported device type has a set of default tables. However, you can also create simple custom tables. To do so, follow these steps:

1. Open the System Manager Setup Utility (see *Opening the System Manager Setup Utility*).
2. When the Setup Utility window is open, click File > New > Quick Table.
3. Create the quick table.

   For instructions, see the Setup Utility help file (Help > Setup Utility Help > Custom Quantities and Tables > Adding a Custom (Quick) Table). Follow the steps to create a quick table.
4. In the browser, click the Tables tab.

   The new table should now display in the table list.

   NOTE: You can also add a custom table, or customize a standard table, in the SMS Table Construction utility: Open the System Manager Setup Utility. Click File > New > Table. Refer to Help > Setup Utility Help > Custom Quantities and Tables > Working with Custom Tables for instructions.

UPDATING REAL-TIME DATA AFTER DEVICE RATINGS ARE CHANGED

When you are viewing a real-time table and device ratings are changed in SMS, data in the table will not reflect the changes until IIS (Internet Information Services) is reset. For example, you might be viewing the Power Capacity Utilization Summary table and see that the Capacity Ratings KW and KVA display “Not Setup.” If you enter ratings information for these devices in SMS, the new data does not display automatically. To update the view, you must refresh IIS on the server computer:

1. Close your browser.
2. Click Start > Run; then type iisreset.

   The DOS window displays while IIS is refreshed.

   After the reset takes place, the DOS window closes.The table will display the correct information.

CHAPTER 4—USING REAL-TIME TRENDS

VIEWING REAL-TIME TRENDS

A real-time trend is a plot that displays data for system devices over a set period of time. This real-time data is updated according to the schedule that is set in the Sample Rate window of the Preferences tab (System > Preferences > Sample Rate > Diagram and Real Time Trend Data).

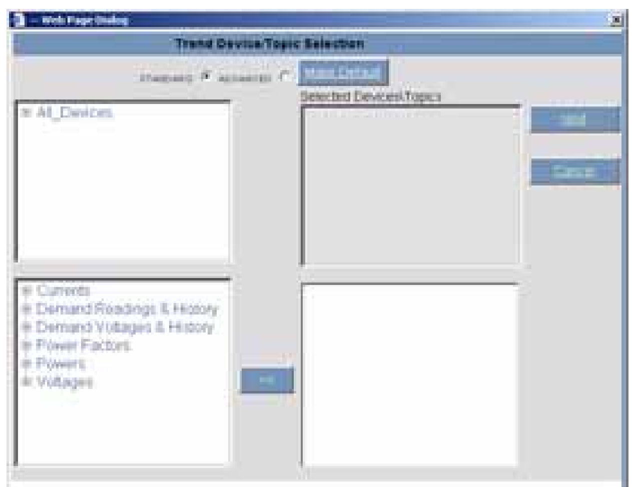
You can view a real-time trend for up to 14 device/topic combinations. For example, you might chart 14 topics (quantities) for a single device, a single topic for 14 devices, or 2 topics for 7 devices. All of the devices must be included in a single SMS system.

You can also open a trend in a separate browser window, allowing you to use the main browser window for other tasks.

To view a real-time trend, do the following:

1. Click the Real-Time Trends tab.

   The Trend Device/Topic Selection screen displays:



2. At the top of the screen, click “Standard” to use a limited list of topics (those typically used when creating a trend); or click “Advanced” to expand the list of topics. In Advanced mode, the trend will take longer to display the topic list. (The default is Standard.)

   If you change the Standard/Advanced mode, a message displays telling you that the list will be shortened or lengthened accordingly. Click OK to continue with the change, or click Cancel to keep the mode as it currently displays.

3. If you want the new mode to become the default for future trends, click “Make Default.”

4. In the upper left box, highlight the first device for which you want to view a real-time trend.

5. From the lower left box, select the topic(s) you want to include in the trend: click the topic name; it displays in the right-hand box. The device and topic also display in the upper right box.

To remove a topic from the right-hand box, click its name. To remove all topics for a single device from the right-hand box, highlight the device in the upper left box, then click <<.

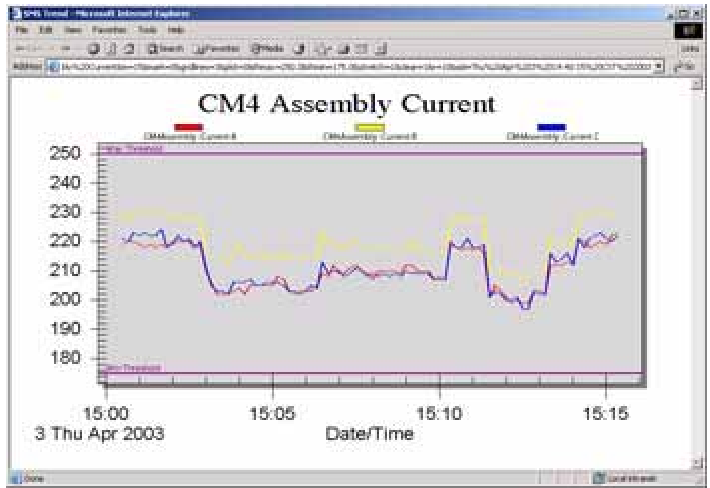
6. If necessary, repeat steps 4 and 5 for additional devices.
7. When you have selected all device/topic combinations that you want in the trend, you can review your selections in the upper right box.

   Add or delete devices and topics, as needed.
8. When you are satisfied with your selections, click Next.
9. The Trend Options screen displays:

10. Enter the following information:

In this field:	Enter this:	Default
Title of Graph	The name that you want to display as the trend title.	n/a
Trend time to plot	The maximum length of time you want to display the trend in the browser. Although the trend will continue until you stop it, this is the maximum time span you can see in the window.	15 minutes
Mark data points	Select True if you want to see the data points in addition to the trend line or bar.	False
Grid line settings	Select how you want to display black grid lines in the trend plot: Both horizontal and vertical lines display X Axis only vertical grid lines display Y Axis only horizontal grid lines display None no grid lines display	Both
Plot method in trend	Select whether you want the trend to display as a line or a bar.	Line
Max threshold as real number	Use these optional fields to display “Max Threshold” and “Min Threshold” lines on the trend. You might use this feature to display a line for each of the alarm thresholds you have established for a topic that is displayed in the trend.	0.0
Min threshold as real number		0.0
Reset trend history data	When a trend is running in the parent browser window (not launched in a new window), you can save data that is already plotted while making changes to its settings. To do this, uncheck this box, make the changes and click Next. The trend will continue logging, but will use the new settings. No data is logged for the period of time from when you clicked the Real Time Trend tab until you click Next to exit this screen.	Unchecked
Launch in new window	Check this box to cause the trend to display in a new browser window. If you do not use a separate browser window, the trend will stop logging information when you click any tab in the main browser window.	Checked

After you enter the trend information, click Next to display the trend (it may take several seconds for the trend to display):



Data displays according to the rate set in the Sample Rate window of the Preferences tab (System > Preferences > Sample Rate. The Date/Time displays in military (24-hour) time.

The trend continues to run until you click another browser tab (or, if you have launched the trend in a new window, when you close that browser window).

CHAPTER 5—USING DIAGRAMS

Use the Diagrams feature to view real-time data from your system devices in a graphical format (such as a one-line diagram). Graphics are created in the separate GFX application. The Diagrams tab contains links to drawings that have been created using GFX. If you do not have GFX installed on the server computer, the Diagrams tab is grayed out.

You can view graphics through the SMS browser interface at any computer that has access to the server computer. See the descriptions for each System Manager product for limitations.

For System Manager DL and System Manager Standard: Although you can view graphics in the browser at any computer, graphics must be created and edited at the server computer. Only one remote GFX browser connection is allowed at a time.

For System Manager Professional: In addition to the GFX installation on the server computer, you can also install an optional GFX client at a remote computer, enabling you to create and edit diagrams at that computer. Up to five remote GFX browser connections are allowed at a time.

CREATING DIAGRAMS

Follow these steps to create diagrams:

1. Open the Setup Utility (see *Opening the System Manager Setup Utility*).
2. When the Setup Utility window is open, click File > New > Diagram.
3. Create the diagram.

   See the online help file (Help > Setup Utility Help > GFX > Types of GFX Objects) for instructions on how to create diagrams.

   NOTE: If you prefer to use one of your own backgrounds in your diagram, copy the background into the C:\POWERLOGIC\SMS\Drawings\Backgrounds directory.
4. Save the diagram in the POWERLOGIC\SMS\Drawings folder.
5. Once the diagram is created and saved, restart Internet Explorer and launch SMS.

   NOTE: Changes to diagrams take effect only after you restart Internet Explorer.
6. Click the Diagrams tab.

   The new diagram displays in the tree list on the left side of the window. Refer to *Changing the Sample Rate* for setting the sample rate that data updates in diagrams. The default sample rate is ten seconds.

Copying Existing GFX Drawings

If you have existing drawings you would like to use, or if you need to upgrade your servers, you can copy or move GFX drawings from one server to another. To do so, you must use the same folder structure. For example, if your drawings are in C:\POWERLOGIC\SMS\Drawings on computer A, you must use the same folder structure on computer B. A saved drawing must have been created in the same SMS system that you are currently using.

Because each GFX graphic (.gfx) contains references to other files, copying to a different folder structure causes the drawings to be unable to find any referenced files. The result is a drawing with missing objects or one that cannot be viewed.

VIEWING DIAGRAMS

You can use the Preferences window (System > Preferences) to make the following settings to the way that diagrams display:

- To open a diagram without viewing the left-hand pane (tree), use the Tree Configuration screen (System > Preferences > Tree Configuration; then check the Diagrams window type). See *Opening the System Manager Setup Utility* for more information.
- To always view a specific diagram when the browser opens, use the Default Page window (System > Preferences > Default Page; then check Diagrams). See *Changing the Default Page* for more information.

To view diagrams, do the following:

1. In the SMS browser window, click the Diagrams tab.
2. Select the diagram from the list on the left side of the page.

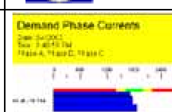
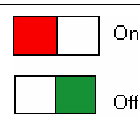
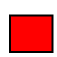
   The diagram displays. Note that the drawing is updated according to the sample rate set in Sample Rate window (System > Preferences > Sample Rate).

   Each diagram can include a variety of objects that either display information or can be clicked to display additional information.

   NOTE: The first time you view a drawing, it might take longer than the sample rate you have set in the Sample Rate window.

The following table describes the GFX objects that are available in SMS.

NOTE: Individual objects may display different colors or images, depending on how they are set up in GFX. See your SMS system administrator for a list of the colors and images used to create GFX objects.

Object	Sample Graphic	Description
Value Block	424 A	Displays a single quantity for a single device. May also display a title, such as a device name. Click a value block to display summary data about the device. See *Sample Summary Page* for more information.
Analog Function Block	CM4 main current Normal	Displays the condition (such as high, normal, or low) of an analog function that has been defined in SMS. The name of the state and the color that displays for the state match the name and color set up for the condition in SMS.
Digital Function Block	Close Open	Displays the condition (state) of a digital function that has been defined in SMS. The title can change to indicate the condition. Examples are on/off or open/closed. Color can be used to differentiate between the two conditions.
Hyper Drawing Block	Site Menu	Click the displayed block to create a link to a related GFX diagram or URL link (see *Creating Hyper Drawing Blocks that Link to URLs* for instructions on creating links to URLs).
Meter		Provides a quick visual of the amperes for each circuit.
Bar Chart		Displays custom bar charts similar to the standard bar chart displays in SMS. The color band at the top of the chart provides operating range indicators to quickly show when readings are getting too low or too high.
Digital Function Switch		Displays a line or box that changes color to indicate the state of the associated digital function. This example is a box switch.
Image	Schneider Electric	Displays an image, such as a bitmap or TIF file of your company logo.
Text	VOLTAGE	Displays as text in a diagram (in addition to any text that may be included in the linked background drawing).
Multi-Input Conditional Graphic		Monitors the combined state of up to four digital functions for a single device. The graphic displays as an image or color block that illustrates one of the combined states. No text displays.
Writable Value Block	424 A	Like the standard value block, the writable block displays a single quantity for a single device. The writable value block can also be used to write a decimal value to a MODBUS device; but you cannot write or view the writable feature in the browser.

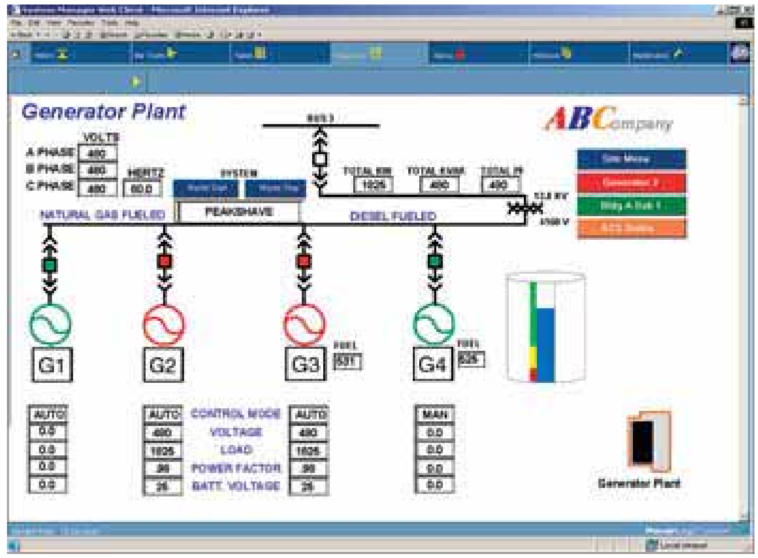
The following two objects may display in the SMS diagram, but they do not function in SMS browser.

- control output block: executes a control output defined in SMS, such as operating a circuit monitor relay
- executable object: creates and launches a link to another program, such as Microsoft Word

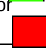
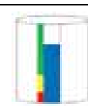
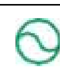
You can create, edit, and use these objects from the Setup Utility, installed on the SMS server computer.

Sample Diagram

The sample GFX diagram below illustrates a one-line drawing.



The following table lists and illustrates the different objects used in this diagram.

Object	Sample Graphic	Description
Digital Function Switch	 or 	In the sample diagram, the digital function switches are green and red, indicating whether the switch is closed or open.
Hyper Drawing Block		In this drawing, you would click a hyper drawing block to open the site menu, generator 3, etc.
Bar Chart		The bar chart provides a quick visual of the total diesel fuel level monitored at G3 and G4. The green, yellow, and red lines are set when creating the graphic. They indicate “normal,” “low,” and “very low” fuel levels.
Text		In this example, the text “Generator Plant” simply indicates which part of the plant the drawing represents.
Multi-Input Conditional Block		Monitors the status of the four transformers, G1 through G4.
Value Block		The sample diagram contains several value blocks indicating such quantities as volts, hertz, total kW, voltage, and load.

Sample Summary Page

Clicking a value block in a GFX diagram opens a Device Summary page:

Each summary page lists the current, voltage, power factor, power, frequency, temperature, demand, and accumulated energy.

Creating Hyper Drawing Blocks that Link to URLs

You can create hyper drawing blocks to link to GFX drawings or to URL links. Follow the steps outlined in the GFX online help file for creating links to GFX drawings. Follow these steps to create links to URLs:

1. From the Setup Utility, open GFX (File > New > Diagram).
2. Click the hyper drawing link icon () and draw the object.
3. Enter the information according to instructions in the GFX online help file (How to Edit Hyper Drawing Block Properties), except: In the Filename field, enter the address for the URL link. For example, to link to the site “mycompany,” enter:

   http://mycompany.com

   NOTE: The Action box controls how the link displays. If you select Minimize Current Diagram or Close Current Diagram, it opens in the current browser window. If you select None, it opens a new browser window.
4. Save the drawing.
5. To view the link from the SMS browser, open the diagram and click the link.

   The URL opens according to the method you selected in the Action box.

CHAPTER 6—USING ALARMS

CONFIGURING ALARMS

The analog, digital, and onboard alarms that are configured in the Setup Utility can be annunciated in the browser interface. The following information is available in the Setup Utility online help file:

- For an overview of alarm configuration from within the Setup Utility, see Help > Setup Utility Help > Quick Starts > Quick Start: Functions and Alarms.
- For configuring onboard alarms, see Help > Setup Utility Help > Working with Functions and Alarms > Setting Up On-Board Alarms.
- For PC-based alarms, see Help > Setup Utility Help > Working with Functions and Alarms > Setting Up PC-Based Functions and Alarms.

VIEWING ALARM INFORMATION

By default, the alarm icon is yellow and the alarm list is empty. When an alarm becomes active (alarm pickups are determined in the Setup Utility when setting up functions), the alarm icon starts flashing. A new entry is added to the active alarm list and the alarm log list.

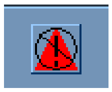
This icon on the alarms tab alternately flashes red and yellow to indicate an active alarm.

An active alarm stays in the active alarm list as long as it is in a pickup state. When it is no longer active (dropout state), it is deleted from the active alarm list and a dropout alarm is added to the alarm log. The alarm icon continues to flash to signal that alarm activity has occurred.

Silencing Alarms

You can “silence” alarms on the user interface by stopping the alarm icon from flashing red. To silence an alarm, click the Silence Alarms icon.

Click this icon to silence alarms.



NOTE: You cannot acknowledge alarms from within the browser. To acknowledge alarms, you must access the Setup Utility on the server computer.

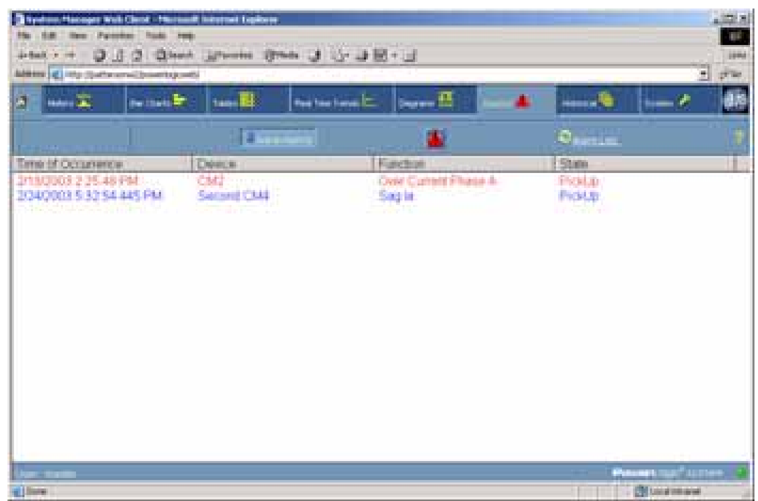
If a new alarm picks up, then the icon will start flashing again. If the Alarm icon is flashing and no entries are in the Active Alarms list, it means that all the active alarms have already dropped out. Click the Alarm Log to view those alarms. See *Viewing the Alarm Log*.

NOTE: In case of bad communications or setup changes on devices, some alarms may display in the active state even though they have dropped out already. In this case, click the Home tab to refresh the user interface. If the alarms still appear in the active alarm list, either restart the SMS server computer, or perform an IIS (Internet Information Services) reset at the host computer. To reset IIS:

At the command prompt (Start > Programs > Accessories > Command Prompt), enter “iisreset.” The alarm will disappear from the list.

Viewing Active Alarms

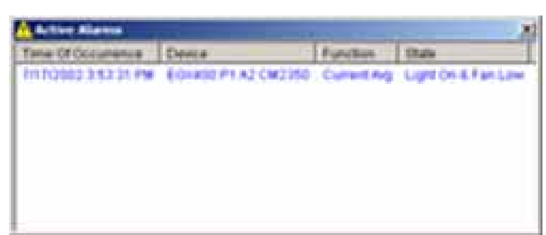
To view active alarms, click the Alarms tab; the Active Alarms page displays:



The Active Alarms view is shown by default. See *Resizing Columns in Alarm Windows* for information on resizing, sorting, and getting details on entries.

Popup Alarms

If you have set an alarm to display as a popup alarm, it displays on top of the user interface:



Refer to *How Alarms are Indicated—Audible, Popup View, or Both* for details on selecting this method of alarm indication.

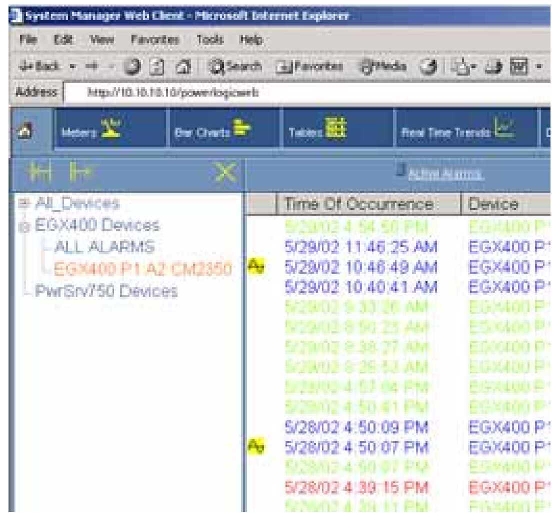
If you resize or move the popup dialog or resize the columns, the browser remembers those settings the next time you launch SMS. If you close the popup dialog, it automatically pops back up when a new alarm becomes active.

Viewing the Alarm Log

To view a log of all alarms in the SMS system, click the Alarm Log button. The Alarm Log page displays.

Click any entry to view details.

Click the column that displays waveform icons ( ) to sort by waveforms. Or click any column header to sort by that column.



You can shorten the Alarm Log to display information for a single device. To do so, click the entry in the list for the alarm. The alarm list is shortened to include only those alarms that have been logged for that device.

You have the following choices for how to view the alarm log:

- Click All_Devices and then ALL ALARMS to view all alarms for all devices in the SMS system.
- Click a group and then ALL ALARMS to view all alarms for a particular group of devices.
- Click All_Devices or the group name that includes the device and then click the device itself to view all alarms for that device only.

NOTE: If a device in Meters, Bar Charts, Tables, or Waveforms was selected before displaying the alarm log, then this device will be selected by default in the Alarm Log view.

The maximum number of entries displayed in the alarm log depends on the alarm configuration. See *Number of Alarm Records Displayed*.

You can sort on any column, including the waveform column, which is the unlabeled column to the left. To resize columns, refer to *Resizing Columns in Alarm Windows*.

The Alarm Log Refresh Icon

When a new entry is added to the Alarm Log, the Alarm Log Refresh icon displays to the left of the Alarm Log button. The icon alerts you that there is new information to be viewed.

After you click the Alarm Log button, the new information displays in the Alarm Log, and the icon disappears. The number of records that display is set in the Preferences window. See *Number of Alarm Records Displayed*.

Switching between devices in the tree view does not update alarms from the server. Watch for the refresh icon. The icon displays any time new entries are added to the Alarm Log on the server.

Viewing Waveform Information from the Alarm Log

To view waveform information from the Alarm Log, waveforms must be downloaded to the SMS server. Waveforms are downloaded only when you:

- configure a device in SMS to capture the waveform when an alarm condition occurs
- assign a task in SMS to trigger an upload of the waveform

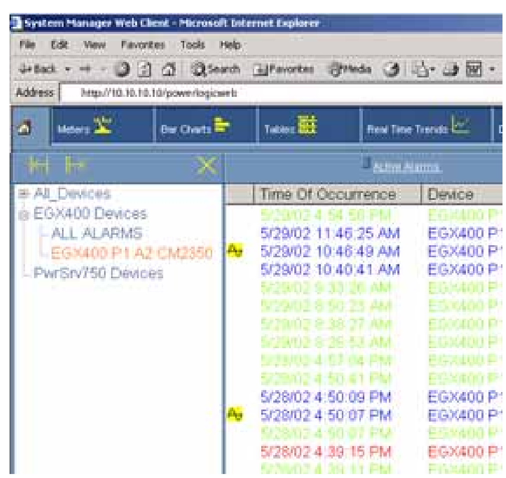
When the time stamp for the uploaded waveform is within –1 to +2 seconds of the alarm's time stamp, a waveform icon link appears next to the alarm in the Alarm Log. However, because of the time it can take SMS to upload the waveform, you may see an alarm entry in the Alarm Log with no associated icon. The waveform icon link will display after the waveform is completely uploaded. See *Using Waveforms* for more information.

NOTE: For the icon feature to work properly, ensure that SMS has uploaded all of the latest waveforms from each device. See Using Waveforms.

To view a waveform file that is associated with an alarm in the Alarm Log, follow these steps:

1. Click the Alarms tab.
   The Active Alarms page displays.
2. Click the Alarm Log button.
   The Alarm Log page displays:

Click a waveform icon ( ) to view the waveforms(s) associated with that alarm.



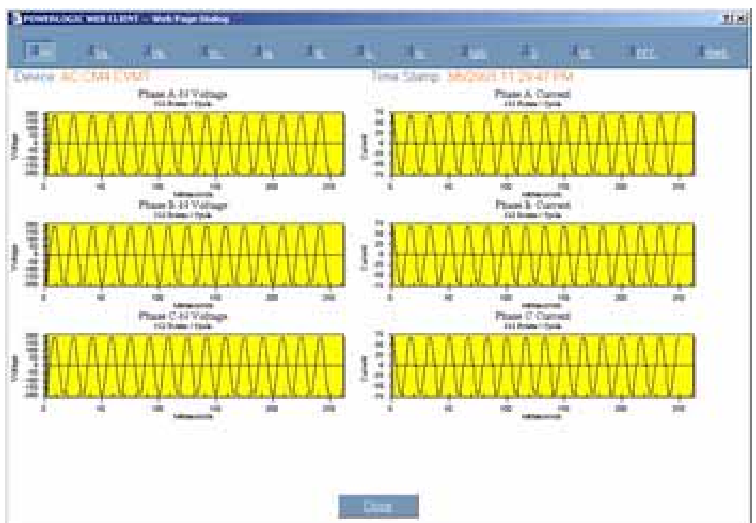
3. Click the waveform icon.
   - If only one waveform is available for that alarm, then that waveform displays.

- If multiple waveforms are available for the same alarm, the Waveform Selection Dialog displays.

For information about viewing transient waveforms that are associated with disturbance alarms in the Series 4000 Circuit Monitor, see *Zooming in to View Waveforms with Associated Transients*.

4. Click the type of waveform you want to view and make your selection from the list. Click OK.

   The waveform page displays.



5. Click buttons on the waveform dialog toolbar to view the following information:
   - All—all three voltage phases and all three current phases of the waveform
   - Va—phase A voltage
   - Vb—phase B voltage
   - Vc—phase C voltage
   - Ia—phase A current
   - Ib—phase B current
   - Ic—phase C current

- In—neutral current
- Ig/Ir—ground current; if the device is a CM2000, click here to view residual current.
- 3—two graphs—one with all three voltage phases overlapped and the other with all three current phases overlapped.
- V/I—each phase, voltage and current, in a single graph. You see phase A voltage and current in one graph, phase B voltage and current in another, and phase C voltage and current in a third.
- FFT—the FFT (Fast Fourier Transform) cycle range.
- RMS—the display as an RMS (root mean square) plot.

NOTE: If you select a type of graph that does not apply for a waveform of that particular device, the “All” view displays instead.

Viewing Details about an Alarm

To view detailed information for a single alarm from either the Active Alarms page or the Alarm Log, click the alarm for which you want details. The detail page displays:

Definitions:

Time of Occurrence: The date/time the alarm picked up.

Device: The device name, from SMS

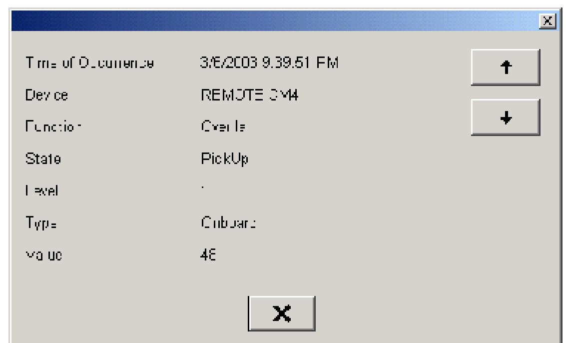
Function: The function set up for this alarm in SMS.

State: The current state of the alarm: pickup or dropout.

Level: The level of security set up for this alarm in SMS.

Type: For PC-based: digital or analog. For all onboard: onboard

Value: The value at the time the alarm picked up.



Click the up and down arrows to scroll through information on alarms on the page you are viewing.

Resizing Columns in Alarm Windows

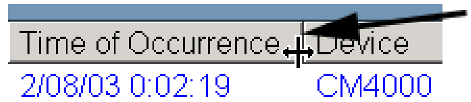
You can drag the borders of columns in the following windows to resize them:

- Alarm Log
- Active Alarms
- popup alarms

You can also resize the columns to fit the longest entry for that particular column. To do so, follow these steps:

1. Point the mouse to the edge of the column so that the resizing tool displays.
2. Double-click.

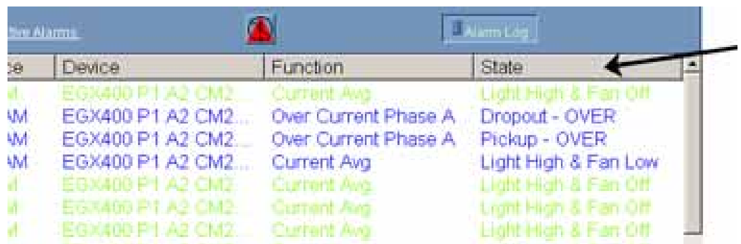
   The column will automatically resize to the longest entry in the column.



Drag the borders of columns to resize them. Double-click the edge of a column to resize to fit the longest entry in that column.

Sorting by Columns

To sort a list by one of its columns, click the header of the column.



Click a header to sort by that column.

Printing the Alarm Log or Active Alarms List

You can print a copy of the entire Alarm Log or Active Alarms list. To print either file, follow these steps:

1. Display the Alarm Log or Active Alarms list.
2. Right-click any alarm that is listed.

   The Windows Print screen displays; the default printer is the target printer set up for the computer from which you are viewing the list.
3. Change the printer if desired. When the correct printer displays, click Print.

   The Alarm Log or Active Alarms list prints at the specified printer.

CHAPTER 7—USING HISTORICAL DATA

HISTORICAL DATA PAGE

The Historical Data page has three buttons that open different pages: waveforms, advanced reports, and Information Manager reports. Follow the instructions in this chapter to create and view reports, and to capture waveforms in the Setup Utility and view them in the browser.

USING HISTORICAL REPORTS

There are two options for creating and using historical reports:

If you have the System Manager DL product or the System Manager SE product, you will use Information Manager to create, schedule, and view reports. See *Creating Reports in Information Manager* below for an introduction to Information Manager.

If you have the System Manager PE product, you will use the Advanced Reports feature to create, schedule, and view reports. See *Creating Reports in Advanced Reports* below for an introduction to Advanced Reports. For information on using either Information Manager or Advanced Reports, refer to the online help file that comes with that product.

Creating Reports in Information Manager

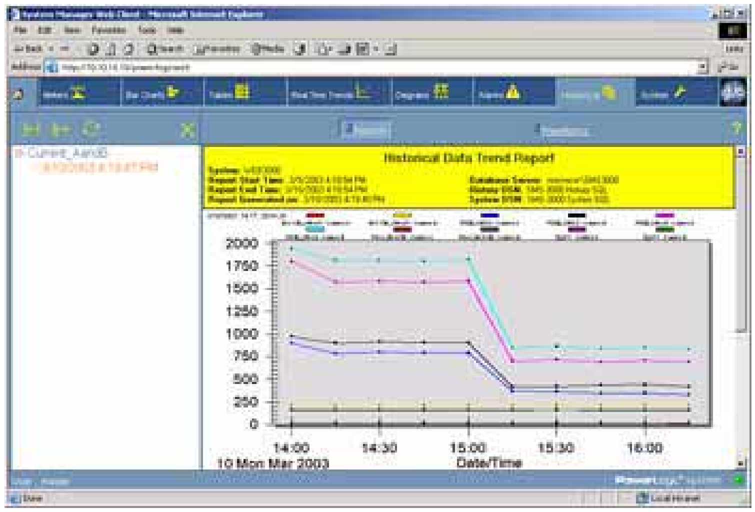
If you have been given access to the Setup Utility, you can open it and create historical reports that you will then view in the browser. Follow these steps:

1. Access the Setup Utility. See *Opening the System Manager Setup Utility* for instructions.
2. You will use an SMS feature, Information Manager, to create reports:
   From the SMS client window, click Reports > Information Manager > Creation Wizard to launch the PowerLogic Reports wizard.
   Refer to online help for instructions on using the report creation wizard. From the SMS Information Manager application menu, click Help > Contents and find the topic for the type of report you want to create.
   Once a report is created, it displays for viewing in the Reports window.
3. To be able to view a report, you must save it to the default reports folder.
   Once it is saved, you can view it from the browser.

Viewing Reports in Information Manager

To view reports, do the following:

1. Click the Historical tab.
2. Click the Reports button.
3. Select the report to be displayed: click the report name you want to view and then click the appropriate time stamp.
   The report displays.



If a scheduled report is configured to overwrite, then only one date and time is listed under the report name. Each generated report overwrites the previous one, and the date and time is updated. If a scheduled report is not set to be overwritten, a list of reports with dates and times displays under each report name. Refer to online help in SMS Information Manager for information about configuring the overwrite setting.

NOTE: If an "overwrite" report is in the process of being updated, you will not be able to view it until the update process is complete. If you try to access it, you see an error message.

Refreshing the Report Tree

You can refresh the list in the report tree. Any new reports that have been saved in Information Manager will display in the list. To refresh the tree view, click the refresh icon ().

Creating Reports in Advanced Reports

Depending on the security level of your SMS login ID, your access to Advanced Reports features depends on the security level of your SMS login ID. For a complete explanation of access levels, see the Administrative Concerns section of the *SMS Setup Guide*.

To begin creating and using advanced reports, follow these steps:

1. Access Advanced Reports: From the SMS browser view, click the Historical tab, then click Advanced Reports. Or click Start > Programs > PowerLogic > Advanced Reports.

   NOTE: You can open more than one browser window; but opening multiple windows causes system processing time to become slow. Also, Advanced Reports limits the number of logged-in users to 10.

2. When the Advanced Reports window displays, click the Create tab.

If Advanced Reports does not open:

If Advanced Reports does not open correctly, consider these possibilities:

- Windows Server 2003 only: If the Advanced Reports browser window does not display, add the website to your trusted sites. The website address to add is:

  http://pcaddress/Powerlogic/AdvancedReports/Default.aspx

  where “pcaddress” is the name of the server computer.

  If you need help adding the browser to your trusted sites, contact your system administrator.
- If you change the Windows SA password after you install Advanced Reports, you will be unable to log in to Advanced Reports. You must reset the password and then restart the Crystal Enterprise services. If you need help with this, contact your local Schneider Electric representative.
- If you launch Advanced Reports from the Start menu, it should always be with a new instance of Internet Explorer. If, however, the Advanced Reports browser window opens in the existing browser window (closing the SMS browser window), do the following:

  With Internet Explorer open, click Tools > Internet Options. On the Advanced tab, uncheck “Reuse windows for launching shortcuts.” Click OK.Access the online help file (click  at the upper right part of the screen); then follow the instructions for the type of report you want to create.

Scheduling and Viewing Reports in Advanced Reports

After you create an advanced report, you must first schedule it, and then you can view it. For both of these procedures, use the Advanced Reports View/ Schedule tab:

1. Click View/Schedule and then open the appropriate folder to find the report.
2. Left-click the report name to display the scheduling and viewing choices. For help, click  to display the Advanced Reports online help file.

USING WAVEFORMS

Capturing Waveforms

You can view waveforms in the browser interface if they are first captured in SMS and then saved in the waveforms folder on the SMS server computer (POWERLOGIC\SMS\Export\Comtrade). To capture (or acquire) a waveform from SMS, connect to the Setup Utility (see *Opening the System Manager Setup Utility*). For help on capturing waveforms, see the Setup Utility online help file.

We recommend setting up a scheduled task to upload onboard waveforms from each device. For example, you can schedule the task to run every night at 11:00 pm. From within the Setup Utility, refer to Help > Setup Utility Help > Setting Up Devices > Working with Functions and Alarms > Using Tasks to Automate Processes and see the topics “Adding an Onboard Data Log/ Waveform Task” and “Creating a New Reference Time.”

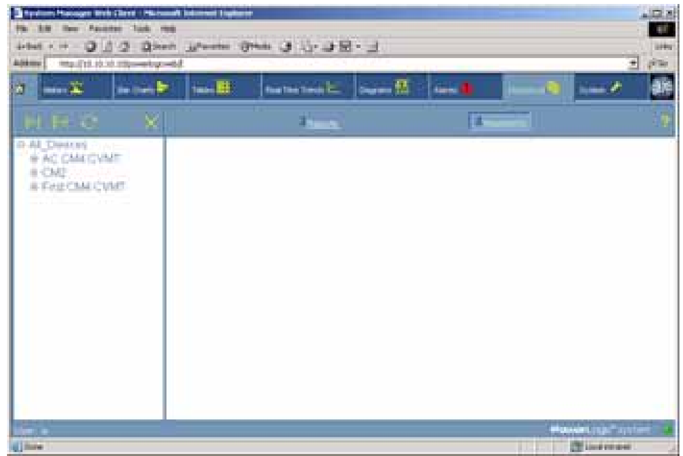
Viewing Waveform Information Only

To view waveform information only, do the following:

1. Click the Historical tab.

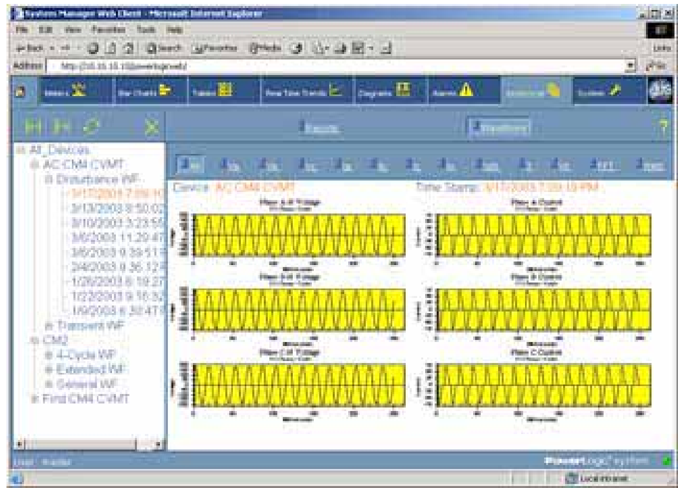
   The Historical page displays.
2. Click the Waveforms button.

   The Waveforms page displays:


All_Devices
AC CM4 CVMT
CM2
First CM4 CVMT

3. Choose a waveform for a particular device. Do the following:
   a. Click All_Devices or the group name that includes the device.
   b. Click the device that has information you want to view.
   c. Click the type of waveform you want to view.
   d. Select the appropriate time stamp.

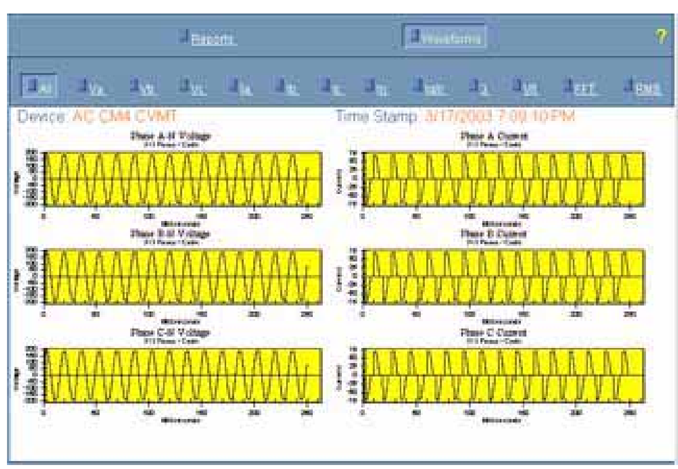
   The waveform capture displays.



NOTE: If you selected a device in Meters, Bar Charts, Tables, or Alarm Log, this device is selected by default when displaying waveform information.

Zooming in to View Waveform Information

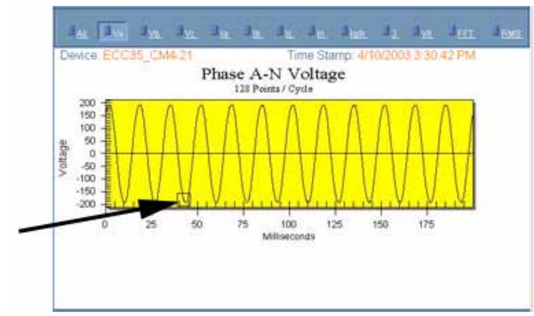
To zoom in for a closer view of a single phase of the waveform information, click the graph for that phase.



Click any graph to zoom in for a closer view of that phase.

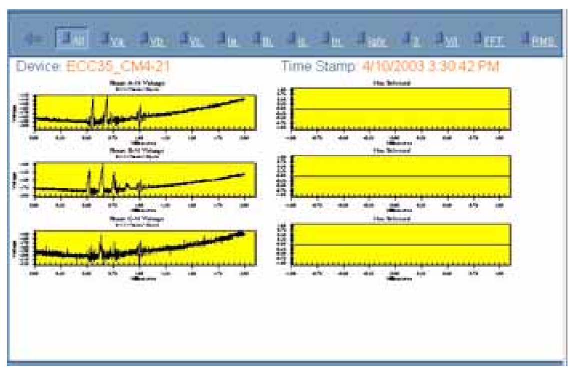
The phase that you clicked displays. The example below is for phase A-N voltage:

To view a transient waveform associated with a disturbance from a CM4000T, click its square.



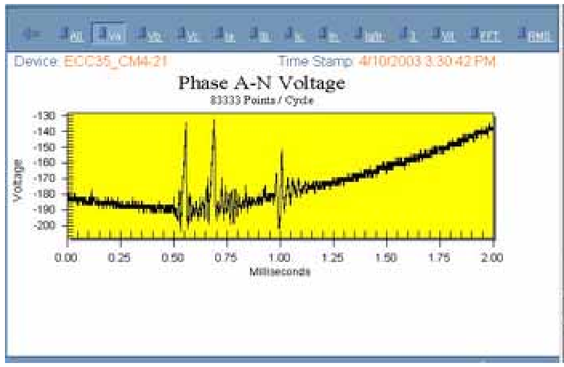
Zooming in to View Waveforms with Associated Transients

If you have a CM4000T in your system, you can view transients associated with disturbance waveforms. To view a transient waveform, click the square that indicates it. The “All” view displays for the transient:



Note that the back button ( ) displays on the left-hand side of the waveform buttons. The back button continues to display as you switch between views of this transient. Click the back button to return to the disturbance capture.

To view a single phase of the transient, click the graph for that phase. The phase view displays. The example below is for Phase A-N voltage.



- To zoom in further, continue clicking the area you want to magnify.
- To zoom out, click one of the tabs in the button bar.

CHAPTER 8—USING THE SYSTEM TAB

The System tab includes these features:

- documentation and links
- preferences

STORING AND VIEWING DOCUMENT FILES AND WEB LINKS

You can store document files and links to web sites on the server computer in the POWERLOGIC\SMS\Web\Maintenance folder. Once they are stored and the browser is refreshed, you can view them using the Documentation and Links option on the System tab.

NOTE: When upgrading from an earlier version of SMS, only documents with these extensions will display in the Documentation list:

- *.htm*
- *.html*
- *.asp*
- *.pdf*

Files with other extensions are also moved to the Maintenance folder, but they do not display in the Documentation list. If you want to view these other files in SMS, you must do one of the following:

- *convert each file to one of the extensions listed above*
- *create a file, such as an .html file, to link to each document*

When you view a PDF document, the Adobe Acrobat Reader plug-in is launched within the browser window. If you view a PDF document from a browser that does not have Acrobat Reader installed, you can download it from the Adobe website, www.adobe.com.

Storing Documents and Web Links

Several links are already loaded on the server computer:

- an HTML version of this user’s guide
- PowerLogic pages (Home, Services, Products, Training, Downloads)
- Square D pages (Home, Services, Training)
- Schneider Home page

Additional documents and HTML links can be added on the SMS server. For example, you might want to store power equipment drawings, additional user guides, or links to your own web site.

To add a document or web link, place it in the POWERLOGIC\SMS\Web\Maintenance folder on the SMS server computer. Only .htm, .html, .asp, and .pdf files display in the SMS browser. As soon as the document or web link is added to the Maintenance folder, it is available for use; click the home icon to refresh the view and display the link.

Web-Enabled Devices

When you designate a MODBUS/TCP connection in SMS as “web-enabled,” you can browse to that connection from SMS. In most PowerLogic systems, a web-enabled device is a gateway or an Ethernet-enabled device. Data from the device is viewable in a standard browser interface.

To view a web-enabled device in SMS, you first create a web-enabled communication connection in the Setup Utility. The IP address for the connection automatically displays in the SMS Web Enabled Devices list (System tab > Documentation and Links).

Viewing Real-time Data from a Power Server

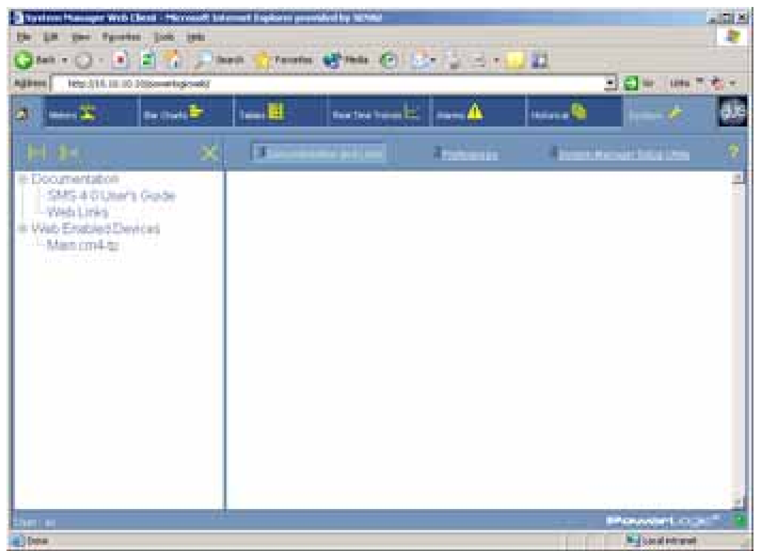
If you try to simultaneously view real-time power server data and real-time SMS data, the power server data may not display correctly. To view power server real-time data while viewing SMS real-time data, open a separate browser window and link directly to the power server.

However, you can use SMS to view information from devices that communicate *through* a power server. If the power server is only a gateway for these devices, the real-time information displays correctly in the browser.

Viewing Documents and Web Links

To view files stored in the Documents and Web Links library, do the following:

1. Click the System tab.
2. Click the Documentation and Links button.
   The Documentation and Links page displays.



3. Choose from Documentation, PDF Files, or Web Enabled devices; then select the document or link to be displayed.

   NOTE: When viewing large files, it may take several minutes for the document to open.

   The Documentation folder includes the HTMLversion of the *SMS User's Guide*, any HTM or HTML files you add, and a "Web Links" option. When you click Web Links, several links to PowerLogic, Square D, and Schneider Electric pages display in the right-hand portion of the screen. For example, click Downloads in the PowerLogic section to open the Downloads page on the PowerLogic.com site.

   The PDF Files folder includes PDF files that you add to the POWERLOGIC\SMS\Web\Maintenance folder.

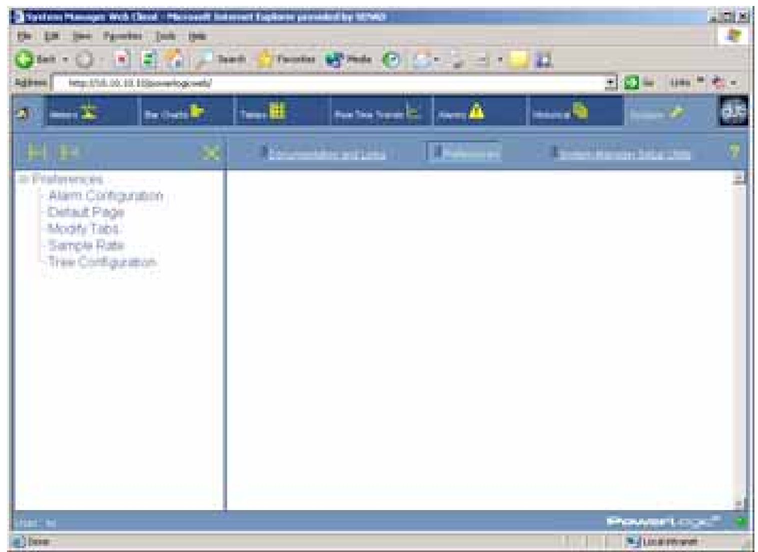
   The Web-enabled devices folder displays devices that are designated "web-enabled" when they are added in the Setup Utility. If you view a power server as a web-enabled device, remember that real-time data may not display correctly. Therefore, to view real-time data from a power server, you should open a separate browser window and link directly to the power server.

SETTING USER PREFERENCES

You can set several user-configurable preferences on the Preferences page. This chapter covers procedures for setting these preferences. It also covers other adjustments you can make for viewing information on screens.

To access the Preferences page, click the System tab, then the Preferences button.

The Preferences page displays:



NOTE: Preferences are stored for each client. In other words, changes you make to the user preferences on a remote PC affect only that PC. In each category, you can click Restore Defaults to revert to default settings.

Changing the Way that Tabs Appear

By default, all of the tabs appear in the browser window. However, you can disable certain tabs in the browser view at remote computers. For example, if you only want Meters, Bar Charts, and Tables to display, you can disable Real Time Trends, Diagrams (if you have GFX installed), Alarms, and Historical. You cannot disable the System tab. To disable tabs, use the Modify Tabs option:

1. At the remote computer, click the System tab.
2. Click the Preferences button.
   The Preferences page displays.
3. Select Modify Tabs from the list on the left side of the page.
   The Modify Tabs dialog displays as shown below:

NOTE: If you have GFX installed on the SMS server computer, an additional button called Diagrams also displays.

4. To cause a tab to be removed from the browser display, check the box next to the tab's name. You can remove any tab except the System tab.

   As soon as you check a tab, the browser view changes. Changes are made for that computer only.

To restore the tabs to the browser view, repeat steps 1 through 4, de-selecting the tabs that you want to have displayed.

Changing the Sample Rate

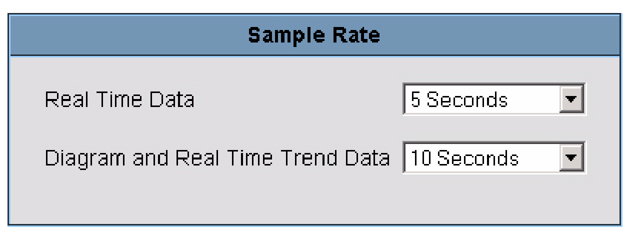
By default, data samples and updates to real-time displays occur once every five seconds; data in diagrams and real-time trends is updated every ten seconds.

To change the sample rate, do the following:

1. Click the System tab.
2. Click the Preferences button.

   The Preferences page displays.
3. Select Sample Rate from the list on the left side of the page.

   The Sample Rate dialog displays with the defaults shown below:



4. Select desired sample rates for real time data and diagram data.

   NOTE: There is no diagram data to update if you do not have the optional GFX add-on product installed.
5. Click the Home button to save changes.

   The new sample rate displays at the bottom of the browser screen.

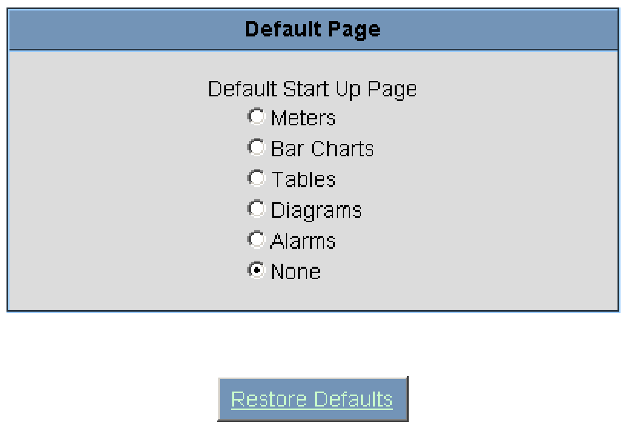
Changing the Default Page

The Default Page preference lets you configure the browser to automatically display any of the following pages:

- Meters
- Bar Charts
- Tables
- Diagrams (only displays if you have installed the optional GFX software)
- Alarms

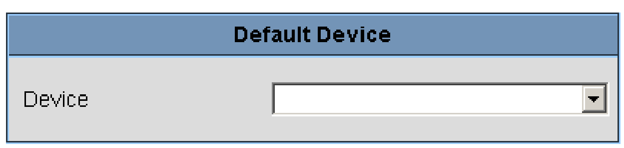
To change the default page, do the following:

1. Click the System tab.
2. Click the Preferences button.
   The Preferences page displays.
3. Select Default Page from the tree on the left.
   The Default Page Preferences page displays:

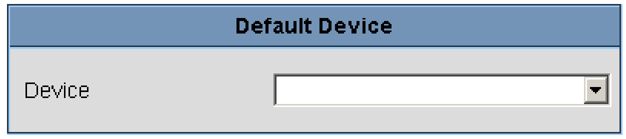


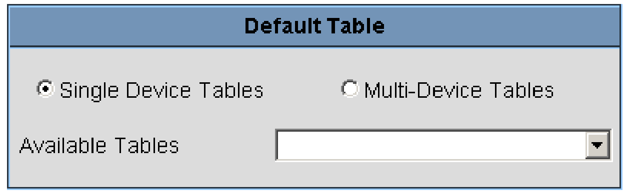
NOTE: The “Diagrams” button displays only if you have installed the optional GFX add-on software on the server computer.

4. From the Default Page Preferences page, make your selection.
   - If you select Meters or Bar Charts, the Default Device dialog displays:



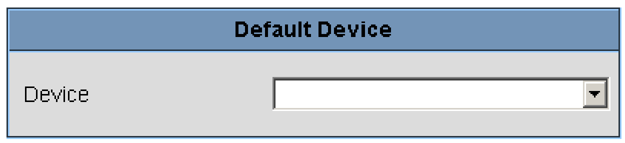
   If you do not select a device, the default page is Meters or Bar Charts with no device selected. If you select a device, the meters or bar charts start sampling automatically when you display the default page.
   - If you select Tables, the Default Device and Default Table dialogs both display. For Default Tables, options are Single Device Tables or Multi-Device Tables.





If you do not select a device, the default page is Tables with no device selected. If you select a device and compatible table, the tables start sampling automatically when you display the default page.

- If you select Diagrams, the Default Diagram dialog displays:



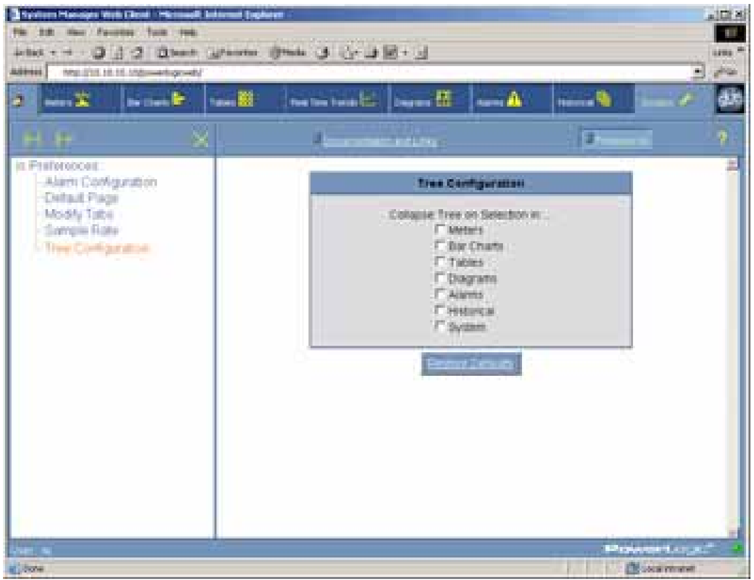
If you do not select a diagram, the default page is Diagrams with no diagram selected. If you select a diagram, that diagram starts sampling automatically when you display the default page.

- No additional options display if you select Alarms.

5. Make selections as needed from pulldown menus.
6. Click the Home tab  to test your default configuration. The browser should display the SMS splash screen, then your chosen default display. If you selected a Multi-Device table as the default, you first must select the desired devices from a device selection dialog box.

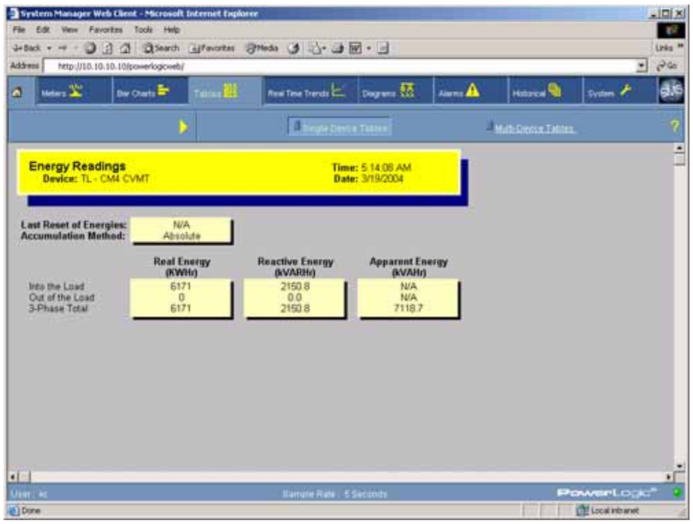
Maximizing Screen Space for Viewing Data

The Tree Configuration preference lets you automatically collapse the selection tree in the lefthand pane, to maximize the screen space available for viewing data. Make this setting from the Tree Configuration page (shown in the figure below). When a box is *checked*, the tree is collapsed (closed) when you display the page for that item. When a box is *not checked*, the related tree remains expanded (open).

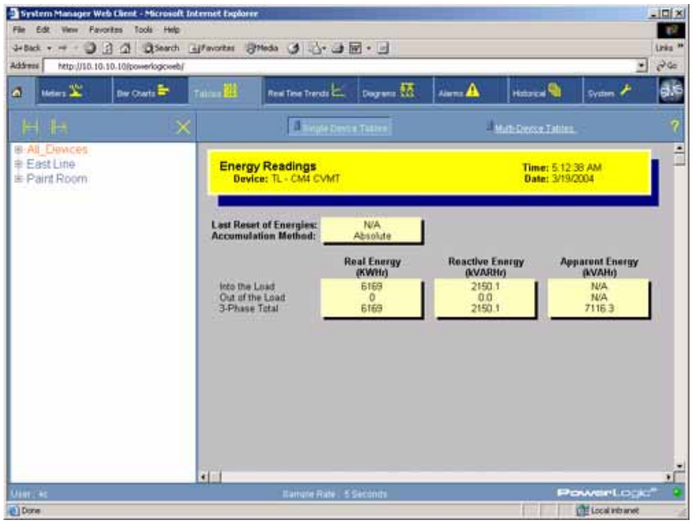


The figures below illustrate a table in both collapsed and expanded tree view. To expand a collapsed tree, click the arrow (). By default, device nodes are collapsed. To make it easy to find devices, organize them into groups in the Setup Utility.

Collapsed Tree:



Expanded Tree:



Collapsing “All Devices” Lists and Using Device Groups

In certain tabs (such as Meters, Bar Charts, and Tables), system devices are listed under the “All Devices” node. By default, “All Devices” is collapsed. If you have a large number of devices in the Setup Utility, organize them into groups to make it easier to locate them in the browser (In the Setup Utilitly, click Setup > Groups). Group nodes display on the same level as the “All Devices” node, as shown in figure 6, above.

How Alarms are Indicated—Audible, Popup View, or Both

You can set alarms to annunciate (make a sound) when entering a pickup state. You can also have alarms display in a popup dialog that is visible anywhere you browse in the user interface.

To select the method that alarms are indicated, do the following:

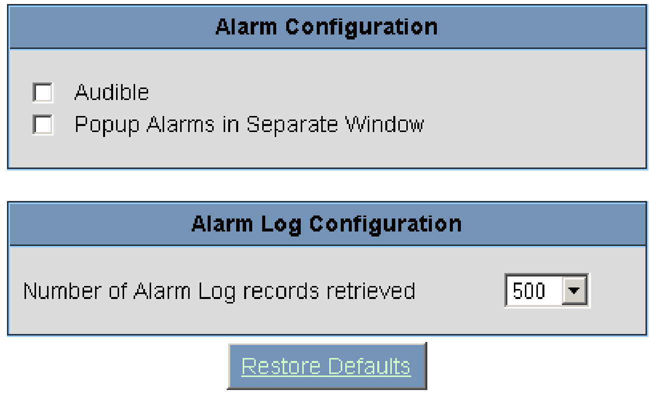
1. Click the System tab.
2. Click the Preferences button.
   The Preferences page displays.
3. Select Alarm Configuration from the list on the left side of the page.
   The Alarm Configuration dialog displays:
4. Select Audible or Popup or both.
5. Click the Home tab  to refresh and save your settings.

Number of Alarm Records Displayed

You can choose how many alarm records to display when you view the Alarm Log. To do so, follow these steps:

1. Click the System tab.
2. Click the Preferences button.
   The Preferences page displays.

3. Select Alarm Configuration from the list on the left side of the page.
   The Alarm Configuration dialog displays:



4. Under Alarm Log Configuration, select the number of alarm log records to view from SMS.
5. Click the Home tab to refresh and save your settings.

OPENING THE SYSTEM MANAGER SETUP UTILITY

The System Manager Setup Utility is installed on the server computer. In System Manager DL and System Manager Standard, you can only view the Setup Utility from the server computer. In System Manager Professional, you can view it from the server computer or remotely.

NOTE: For remote viewing, you must have first installed Terminal Services (if the server is running on a Windows 2000 Server or Windows 2000 Advanced Server); or you must have installed Terminal Server (if the server is running on a Windows Server 2003). See Chapter 2 of the SMS Setup Guide for instructions on installing these features.

System Manager DL and System Manager Standard

During SMS installation, you were prompted to set the PowerLogic Network Server (PLNS) status. The default (which is highly recommended) is to run “server as a Windows service.” This means that, when you launch the Setup Utility, the PLNS is automatically launched. If you change the default to “server not running as a Windows service,” you must first start the PLNS and then start the Setup Utility, each time you launch SMS. Also, when the PLNS is not running as a service, information may not display correctly in the broswer window.

Viewing and Changing the PLNS Status

You can also view or change the PLNS status in the SMS Configuration Utility, found on the SMS server computer. To view or change the PLNS status:

1. Click Start > Programs > POWERLOGIC > Tools > SMS Config Utility.
2. When the SMS Configuration screen displays, click the Diagnostics tab.
3. In the Server as a Service box, click Setup.

When the Powerlogic Service Setup Utility screen displays, note the “Do not run SMS as a Windows Service. Run as logged on user.” This box should be unchecked for SMS to work properly.

4. To change the PLNS status, check (or uncheck) the box.
5. If the box is unchecked (server is running as a Windows service), you must enter a valid user ID and password; this user must be an Administrator or Power User on the server computer. You can select an administrator or power user from the list of accounts, or type a different one. Type the account’s password, then type it again in the Verify field.
6. After making any changes, click Apply.
7. When prompted, click OK. You must restart the server computer for change to take effect.

Opening the Setup Utility if you are not running the PLNS “as a Service”

1. Click Start > Programs > POWERLOGIC > SMS Setup.
2. When prompted, enter the user ID and password assigned to you.

   The SMS main window displays. See the online help file (Help > Setup Utility Help) for instructions on entering information.

Opening the Setup Utility if you are running the PLNS “as a service”

1. Click Start > Programs > POWERLOGIC > PowerLogic Network Server.
2. When prompted, enter the user ID and password assigned to you.
3. Click Start > Programs > POWERLOGIC > SMS Setup.
4. When prompted, enter the user ID and password assigned to you.

   The SMS main window displays. See the online help file (Help > Setup Utility Help) for instructions on entering information.

System Manager Professional

To view the Setup Utility from the server computer, follow the instructions for System Manager DL and System Manager Standard.

To view the Setup Utility from a remote computer, follow these instructions:

1. Ensure that both the SMS server and the PowerLogic Network Server are running. Instructions for installing and accessing the SMS server are in the *SMS Setup Guide*. Instructions for launching the PowerLogic Network Server are in the previous section, *Opening the System Manager Setup Utility*.
2. At the remote computer, launch Internet Explorer and open an SMS session (see *Opening an SMS Browser Session*).
3. Click the System tab.
4. Click the System Manager Setup Utility button.

   The Connect to Terminal Server screen displays.

   The Size box displays the current screen resolution for viewing SMS (default = 800 x 600). Select the resolution you want to use, and click Connect. As long as you leave this Internet Explorer session open, this will be the resolution. You will not see this screen again, even if you close and re-open the Setup Utility session.

   When you re-open Internet Explorer and open a new Setup Utililty session, this screen displays again; you can change the default at that time.
5. Click Connect.

6. The first time you launch the Setup Utility session at a remote computer, the following Security Warning screen displays:

7. To ensure that To ensure that you will be able to communicate to the Setup Utility on the server, you must click Yes.

   NOTE: You must be logged on to the computer as a Windows administrator or power user in order to do this.

   After you click Connect (and after you have registered the ActiveX control), one of two things happens, depending on your Windows Logon settings:
   - Windows logon information is bypassed and you are prompted to enter your SMS logon information.
   - You are prompted to enter your Windows logon information, and then you are prompted to enter your SMS logon information.
8. Enter the required logon information.
9. The Setup Utility main window displays. For help using the Setup Utility, see the online help file (Help > Setup Utility Help).

   NOTE: When a Setup Utility session is open, you can toggle the browser window between full-screen display and the resolution you selected when logging on to the Setup Utility. To toggle, press Ctrl + Alt + Break.

INDEX