



CHAPTER 13

Customizing HTML Pages Using Web Express

The Mediator Web Express feature is a web-page authoring tool that allows you to create HTML monitor drawings using customizable widgets and graphics. Web Express incorporates live data points, from the Mediator, in the drawings.

This chapter includes the following sections:

- [Creating New Files, page 13-1](#)
- [Creating Widgets, page 13-3](#)
- [Configuring the Refresh Rate of Web Pages, page 13-18](#)
- [Viewing Web Pages, page 13-19](#)
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- [Uploading Files, page 13-21](#)

Creating New Files

You can enhance and customize the web pages stored in the Mediator by adding widgets using Web Express.

To create a new web page, perform the following steps:

-
- Step 1** In the Mediator web client, click **Web Express**.
The Web Express pane appears as shown in [Figure 13-1](#).

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Figure 13-1 Web Express Pane



Step 2 Choose the web page you want to modify from the drop-down list.



Note The hierarchy of the HTML pages appearing in the drop-down list is logically tied to the Enterprise Navigation feature. The pages are displayed in the same sequence as they are specified during the entity root configuration in the configTOOL. For more information, see [Understanding Enterprise Navigation, page 15-1](#).

Step 3 Click **Create New File**.

A blank Web Express drawing pane appears as shown in [Figure 13-2](#).

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Figure 13-2 Create New File Pane

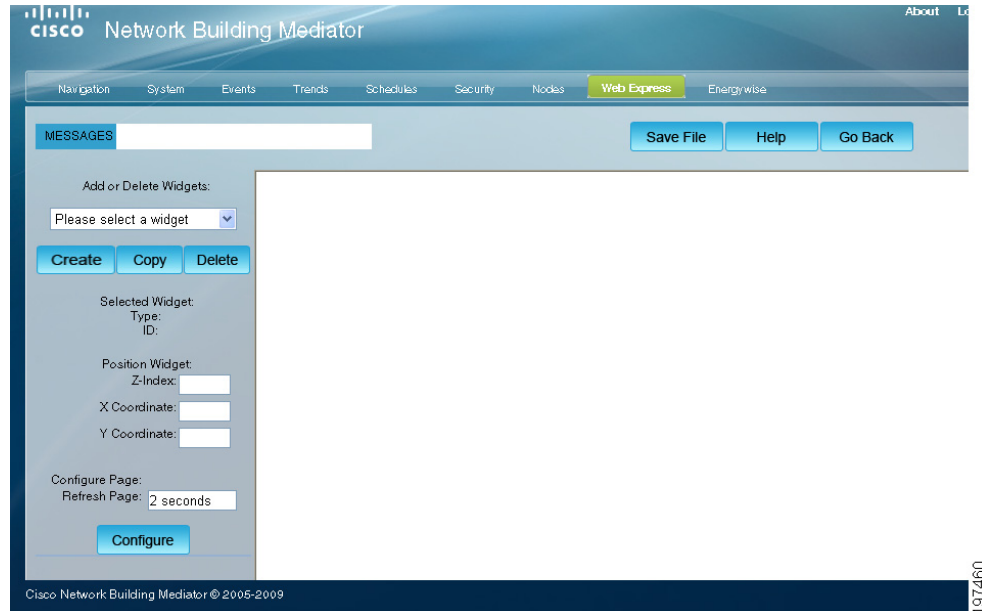


Table 13-1 describes the Web Express drawing pane and the associated elements.

Table 13-1 Web Express Drawing Pane Elements

Element	Description
MESSAGES text box	This text box displays the messages that occur when you preform operations like saving, viewing and editing.
Save File button	Click this button to save the latest changes in the drawing pane.
Help button	Click this button to view the online Web Express Help file.
Go Back button	Click this button to return to the Web Express pane. You can return to the main window irrespective of the number of pages that have been created and edited. (This button is different from the browser back button which only takes you to previously viewed page).
Create button	Click this button to create a widget.
Copy button	Click this button to copy a widget.
Delete button	Click this button to delete a widget.
Configure button	Click this button to control whether the web page refreshes automatically and how often to automatically refresh the web page.

Creating Widgets

Using Web Express, you can create widgets by specifying parameters like graph settings, font, color, axes and configure them to appear in any web page of the Mediator. You can create new widgets, edit existing widgets, copy widgets to other web pages, and delete widgets.

This section includes the following commonly used widgets and the list of additional widgets:

- [Adding an Embedded Graph Widget, page 13-4](#)

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- [Adding a Generic Color Status Overlay Widget, page 13-6](#)
- [Adding a Generic Label Widget, page 13-7](#)
- [Adding a Generic Image Widget, page 13-8](#)
- [Adding a PHAnimation Widget, page 13-9](#)
- [Adding a PHVirtualPoint Widget, page 13-11](#)
- [Adding a Checkbox Widget, page 13-13](#)
- [Additional Widgets, page 13-17](#)

Adding an Embedded Graph Widget

The embedded graph widget allows you to create graphs of preconfigured trends in your web page. The graph allows you to view data over a period of time and also export the information to MS Excel.

For example, if you want to view the temperature changes occurring in an RTU, apply the Trends function to create a trend and measure the temperature variations. Use the embedded graph widget to create a graph for the temperature trend and to view the temperature variations over time.

To learn more about creating a trend, see [Creating Trends, page 11-2](#).

To add an embedded graph widget, perform the following steps:

-
- Step 1** In the Web Express pane, click **Create New File**.
A new HTML drawing pane appears.
- Step 2** Choose **EmbeddedGraph** from the Add or Delete Widgets drop-down list.
- Step 3** Click **Create**.
The EmbeddedGraph widget pane appears.
- Step 4** Click the widget.
The border of the widget turns red and the Configure Widget dialog box appears.
[Table 13-2](#) describes the values you can enter in the Configure Widget dialog box.

Table 13-2 *Configure Widget Description for EmbeddedGraph Widget*

Text Box	Description
name	Provides the name of the widget.
z index	Enter the z index of the frame. The default is 1000.
graph width	Enter the desired width of the graph. The default is 400px.
graph height	Enter the desired height of the graph. The default is 200px.
log node	Browse to select a preconfigured trend. Note You should navigate to the /services/logger folder and choose the trend whose graph you want to embed in your web page.
graph title	Enter the title for the graph.
text fontname	Enter the font type of the text in the graph. The default is Verdana.
text fontsize	Enter the font size of the text in the graph.

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Table 13-2 **Configure Widget Description for EmbeddedGraph Widget (continued)**

Text Box	Description
text color	Click the color block and choose the color for the text. The default is gray.
background color	Click the color block and choose the background color. The default is black.
y-axis from	Enter the starting point of the y-axis. The default is auto.
y-axis to	Enter the ending point of the y-axis. The default is auto.
y-axis type	Choose the y-axis type as numeric or binary from the drop-down list.
Initial timespan	Enter the time period (width) of the graph.
time reference	Choose the time stamp from the drop-down list.
enable secondary axis	Select the enable secondary axis check box to set the secondary axis parameters.
secondary yaxis points	Enter the starting point of the secondary y-axis. The default is auto.
secondary yaxis from	Enter the ending point of the secondary y-axis. The default is auto.
secondary yaxis type	Choose the secondary y-axis type from the drop-down list.
point color	Click the color block and select the color of the point.

Step 5 Enter the configuration values in the appropriate text boxes.

Step 6 Click **Save**.

The Configure Widget dialog box closes.

Step 7 Click **Save File**.

The File Selector dialog box appears.

Step 8 In the File name text box, enter a name for the widget.

Step 9 Select the **Open File after Save** check box.

Step 10 Click **SAVE**.

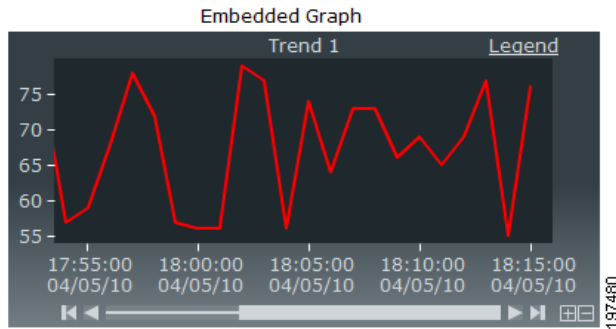
A dialog box appears prompting you to save or cancel.

Step 11 Click **OK**.

An HTML page with the newly created graph appears as shown in [Figure 13-3](#).

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Figure 13-3 EmbeddedGraph in an HTML Page



Note

You can use the controls at the bottom of the graph to adjust the view.

Adding a Generic Color Status Overlay Widget

The generic color status overlay widget is similar to the generic color status box widget and is the most commonly used overlay tool in Web Express. You can use the generic color status overlay widget to signify changes in the control points being monitored by setting color status boxes to the control points. Changes in the control points would result in the change in color of the status boxes.

For example, you can use the generic color status overlay widget to monitor the temperature of a building. You can create an overlay to see whether the points in the building stays within a predefined range. When the temperature exceeds or drops beyond the specified limits, the color of the overlay changes color and warnings and alarms are generated.

The generic color status overlay widget allows you to add five warning color status boxes in contrast to the generic color status box widget, which allows you to add one warning color status box.

To add a generic color status overlay widget, perform the following steps:

- Step 1** In the Web Express pane, click **Create New File**.
A new HTML drawing pane appears.
- Step 2** Choose **GenericColorStatusOverlay** from the Add or Delete Widgets drop-down list.
- Step 3** Click **Create**.
The GenericColorStatusOverlay widget pane appears.
- Step 4** Click the widget.
The border of the widget turns red and the Configure Widget dialog box appears.

Table 13-3 describes the values you can enter in the Configure Widget dialog box.

Table 13-3 Configure Widget Description for GenericColorStatusOverlay Widget

Text Box	Description
name	Provides the name of the widget.
z index	Enter the z index of the frame. The default is 1000.
node	Browse to and select a set point to be monitored.

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Table 13-3 **Configure Widget Description for GenericColorStatusOverlay Widget (continued)**

Text Box	Description
status box width	Enter the width of the status box. The default is 20px.
status box height	Enter the height of the status box. The default is 20px.
level trigger	Choose the level on which alarm should be triggered.
color opacity	Enter the opacity of the color. The default percentage is 50.
normal color	Click and choose the normal color.
warning	Choose to enable or disable warnings.
warning threshold	Enter the threshold value for warning to be raised. You can enter up to five warning threshold values
warning color	Click and choose the warning color. You can choose up to five warning colors.
alarm	Choose to enable or disable alarms.
alarm threshold	Enter the threshold value for alarm to be raised.
alarm color	Click and choose the alarm color.

Step 5 Enter the configuration values in the appropriate text boxes.

Step 6 Click **Save**.

The Configure Widget dialog box closes.

Step 7 Click **Save File**.

The File Selector dialog box appears.

Step 8 In the File name text box, enter a name for the widget.

Step 9 Select the **Open File after Save** check box.

Step 10 Click **SAVE**.

A dialog box appears prompting you to save or cancel.

Step 11 Click **OK**.

An HTML page with the newly created color status overlay appears.

Adding a Generic Label Widget

A generic label allows you attach information to the elements in the web pages. For example, if you have many images in your web page, you can use the generic label widget to create labels and place specific labels to the images to identify them.

To add a generic label widget, perform the following steps:

Step 1 In the Web Express pane, click **Create New File**.

A new HTML drawing pane appears.

Step 2 Choose **GenericLabel** from the Add or Delete Widgets drop-down list.

Step 3 Click **Create**.

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The GenericLabel widget pane appears.

Step 4 Click the widget.

The border of the widget turns red and the Configure Widget dialog box appears.

[Table 13-4](#) describes the values you can enter in the Configure Widget dialog box.

Table 13-4 Configure Widget Description for GenricLabel Widget

Text Box	Description
name	Provides the name of the widget.
z index	Enter the z index of the frame. The default is 1000.
text	Enter the label name.
text color	Click the color block and choose the color for the text. The default is black.
text font family	Enter the font type of the label name.
text font size	Enter the font size of the label name. The default is 12px.
text font weight	Enter the thickness of the label text to be displayed. The default is normal.

Step 5 Enter the configuration values in the appropriate text boxes.

Step 6 Click **Save**.

The Configure Widget dialog box closes.

Step 7 Click **Save File**.

The File Selector dialog box appears.

In the File name text box, enter a name for the widget.

Step 8 Select the **Open File after Save** check box.

Step 9 Click **SAVE**.

A dialog box appears prompting you to save or cancel.

Step 10 Click **OK**.

An HTML page with the newly created label appears.

Adding a Generic Image Widget

You can populate your web pages with different types of images using the generic image widget.

To add a generic image widget, perform the following steps:

Step 1 In the Web Express pane, click **Create New File**.

A new HTML drawing pane appears.

Step 2 Choose **GenericImage** from the Add or Delete Widgets drop-down list.

Step 3 Click **Create**.

The GenericImage widget pane appears.

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Step 4 Click the widget.

The border of the widget turns red and the Configure Widget dialog box appears.

Table 13-5 describes the values you can enter in the Configure Widget dialog box.

Table 13-5 Configure Widget Description for GenericImage Widget

Text Box	Description
name	Provides the name of the widget.
z index	Enter the z index of the frame. The default is 1000.
Image Source	Browse to select a image to be uploaded.
tooltip	Enter the text that should be displayed in the image when you move the mouse over it.

Step 5 Enter the configuration values in the appropriate text boxes.

Step 6 Click **Save**.

The Configure Widget dialog box closes.

Step 7 Click **Save File**.

The File Selector dialog box appears.

Step 8 In the File name text box, enter a name for the widget.

Step 9 Select the **Open File after Save** check box.

Step 10 Click **SAVE**.

A dialog box appears prompting you to save or cancel.

Step 11 Click **OK**.

An HTML page with the newly created image appears.

Adding a PHAnimation Widget

The PHAnimation widget allows you to include animated graphics, for example, fans, lights, damper position, and so on in your web pages.

You can create static or dynamic animations using this widget. A dynamic animation is activated by a data point and the application cycles through a stack of images with intervals between animations. For a static animation, the application calls images out of a stack depending on the number of images.

For example, you can use the PHAnimation widget to view a damper position and upload 100 animation frames of the damper going from 0 to 100. For example, when the damper returns a value of 42, the application would upload the 42nd image.

To add a PHAnimation widget, perform the following steps:

Step 1 In the Web Express pane, click **Create New File**.

A new HTML drawing pane appears.

Step 2 Choose **PHAnimation** from the Add or Delete Widgets drop-down list.

Step 3 Click **Create**.

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The PHAnimation widget pane appears.

Step 4 Click the widget.

The border of the widget turns red and the Configure Widget dialog box appears.

[Table 13-6](#) describes the values you can enter in the Configure Widget dialog box.

Table 13-6 Configure Widget Description for PHAnimation Widget

Text Box	Description
name	Provides the name of the widget.
z index	Enter the z index of the frame. The default is 1000.
node	Browse to and select the data.
animation type	Choose the type of animation from the drop-down list.
animation scale	Enter the size (in percentage) to which the image should be displayed.
animation images	Browse to and select the images to be uploaded.
animation width	Enter the width of the animation.
animation height	Enter the height of the animation.
animation interval	Enter the time interval between animations.



Note

You must enter the animation scale manually. If you are loading a static and a dynamic image for the same data point, it is important that you ensure that the width and the height of the images are the same prior to loading them to maintain uniformity.

Step 5 Enter the configuration values in the appropriate text boxes.

Step 6 Click **Save**.

The Configure Widget dialog box closes.

Step 7 Click **Save File**.

The File Selector dialog box appears.

Step 8 In the File name text box, enter a name for the widget.

Step 9 Select the **Open File after Save** check box.

Step 10 Click **SAVE**.

A dialog box appears prompting you to save or cancel.

Step 11 Click **OK**.

An HTML page with the newly created animation appears as shown in [Figure 13-4](#).

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Figure 13-4 PHAnimation Widget in an HTML Page



Adding a PHVirtualPoint Widget

The PHVirtualPoint widget is commonly used to show a configured data point. You can display a data point as a numerical value, for example, 50 or as a string, for example, off and on. You can also use the widget to signify changes in the data point and the changes in the values can be displayed as changes in colors.

For example, you can configure a node that changes values from 50 to 80 units. You can use the PH virtual widget to show changes in the value of the node. When the node reaches a value of 80, you can set up the node to display red and when it reaches the warning threshold value, you can set the color to change to yellow.

To add a PHVirtualPoint widget, perform the following steps:

- Step 1** In the Web Express pane, click **Create New File**.
A new HTML drawing pane appears.
- Step 2** Choose **PHVirtualPoint** from the Add or Delete Widgets drop-down list.
- Step 3** Click **Create**.
The PHVirtualPoint widget pane appears.
- Step 4** Click the widget.
The border of the widget turns red and the Configure Widget dialog box appears.

[Table 13-7](#) describes the values you can enter in the Configure Widget dialog box.

Table 13-7 Configure Widget Description for PHVirtualPoint Widget

Text Box	Description
name	Provides the name of the widget.
z index	Enter the z index of the frame. The default is 1000.
node	Browse to and select the data point.
units	Enter the measurement units. Note The units are added as a character to the end of the node, for example, % or F. If you leave it blank, nothing is added to the end of the node.
precision	Enter the number of decimal places till which the value of the node should be displayed.
display character length	Enter the number of characters of the text.
text color	Click the color block and select the color of the text.
text font family	Enter the type of the text font.

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Table 13-7 **Configure Widget Description for PHVirtualPoint Widget (continued)**

Text Box	Description
text font size	Enter the size of the text font.
text font style	Enter the style of the text font.
text font weight	Enter the thickness of the text font.
upper alarm threshold	Enter the maximum value of the data point beyond which the alarm color should be displayed.
upper warning threshold	Enter the maximum value of the data point beyond which the warning color should be displayed.
lower alarm threshold	Enter the minimum value of the data point below which the alarm color should be displayed.
lower warning threshold	Enter the minimum value of the data point below which the warning color should be displayed.
offline color	Click the color block and select the color to be displayed when the data point is offline. This color is specific to the node background.
normal color	Click the color block and select the color to be displayed when the value of the data point is within the normal range. This color is specific to the node background.
warning color	Click the color block and select the color to be displayed when the value of the data point reaches the warning levels. This color is specific to the node background.
alarm color	Click the color block and select the color to be displayed when the value of the data point reaches the alarm levels. This color is specific to the node background.
override color	Click the color block and select the color to be displayed when the node value has been overridden. This color is specific to the text font. The default color is blue.
pulse length	Enter the length of the pulse.
override enabled	Choose from the override enabled drop-down list.
tooltip	Enter the text that should be displayed in the image when you move the mouse over it.

Step 5 Enter the configuration values in the appropriate text boxes.

Step 6 Click **Save**.

The Configure Widget dialog box closes.

Step 7 Click **Save File**.

The File Selector dialog box appears.

Step 8 In the File name text box, enter a name for the widget.

Step 9 Select the **Open File after Save** check box.

Step 10 Click **SAVE**.

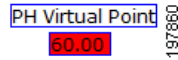
A dialog box appears prompting you to save or cancel.

Step 11 Click **OK**.

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An HTML page with the newly created PHVirtualPoint appears as shown in [Figure 13-5](#).

Figure 13-5 PHVirtualPoint in an HTML Page



You can change the values that you assigned to the node using the Override option.

To override the value of the node, perform the following steps:

-
- Step 1** Double-click the node.
A value appears in the Override text box.
- Step 2** Enter a new value.
- Step 3** Click **Override**.
The value changes in the web page.
-

Adding a Checkbox Widget

A checkbox is a specific type of two-states button that can be either selected or unselected. The checkbox widget creates checkboxes in HTML pages that can be used to select or unselect specific actions.

To add a checkbox widget, perform the following steps:

-
- Step 1** In the Web Express pane, click **Create New File**.
A new HTML drawing pane appears.
- Step 2** Choose **Checkbox** from the Add or Delete Widgets drop-down list.
- Step 3** Click **Create**.
The Checkbox widget pane appears.
- Step 4** Click the widget.
The border of the widget turns red and the Configure Widget dialog box appears.

[Table 13-8](#) describes the values you can enter in the Configure Widget dialog box.

Table 13-8 Configure Widget Description for Checkbox Widget

Text Box	Description
name	Provides the name of the widget.
z index	Enter the z index of the frame. The default is 1000.
node	Browse to and select a node.
selected value	Enter the value to signify the off or the on condition. It can be either 1 or 0.

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Table 13-8 Configure Widget Description for Checkbox Widget

Text Box	Description
selected value label	Enter a label description for the selected condition.
unselected value	Enter the value to signify the off or the on condition. It can be either 1 or 0.
unselected value label	Enter a label description for the unselected condition.
tooltip	Enter the text that should be displayed in the image when you move the mouse over it.
text color	Enter the color with percent specified in the style attribute.
text font family	Enter the type of the font.
text font size	Enter the size of the font. The default is 12px.

Step 5 Enter the configuration values in the appropriate text boxes.

Step 6 Click **Save**.

The Configure Widget dialog box closes.

Step 7 Click **Save File**.

The File Selector dialog box appears.

Step 8 In the File name text box, enter a name for the widget.

Step 9 Select the **Open File after Save** check box.

Step 10 Click **SAVE**.

A dialog box appears prompting you to save or cancel.

Step 11 Click **OK**.

An HTML page with the newly created URL appears.

Adding a Generic Switch Widget

You can use widgets to create switches in your web pages. The switches can be made to change states depending on the changes in the values being monitored.

For example, if the generic switch widget is tied to the air conditioning unit, you can switch the unit on or off by using the toggle functionality of the widget.

The generic switch is similar to checkbox except the image of the button can be changed in the switch widget.

To add a generic switch widget, perform the following steps:

Step 1 In the Web Express pane, click **Create New File**.

A new HTML drawing pane appears.

Step 2 Choose **GenericSwitch** from the Add or Delete Widgets drop-down list.

Step 3 Click **Create**.

The Generic Switch widget pane appears.

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Step 4 Click the widget.

The border of the widget turns red and the Configure Widget dialog box appears.

Table 13-5 describes the values you can enter in the Configure Widget dialog box.

Table 13-9 Configure Widget Description for GenericSwitch Widget

Text Box	Description
name	Provides the name of the widget.
z index	Enter the z index of the frame. The default is 1000.
node	Browse to and select a node.
display type	Choose the type of value to be displayed from the drop-down list.
display character length	Enter the number of characters of the text.
text color	Click the color block and choose the color for the text. The default is black.
text font family	Enter the font of the text.
text font size	Enter the size of the text. The default is 12px.
text background color	Click the color block and choose the color for the background. The default is gray.
text align	Choose the alignment of the text from the drop-down list.
text padding bottom	Enter the spacing in pixels between the bottom of the text and the border of the element. The default is 5px.
text padding left	Enter the spacing in pixels between the bottom of the text and the border of the element. The default is 5px.
text padding right	Enter the spacing in pixels between the bottom of the text and the border of the element. The default is 5px.
text padding top	Enter the spacing in pixels between the bottom of the text and the border of the element. The default is 5px.
button scale	Enter the size (in percentage) to which the toggle button should be displayed.
toggle button source	Enter the pathname to the directory where the toggle button image is available.
toggle button width	Enter the width of the toggle button image. The default is 50px.
toggle button height	Enter the height of the toggle button image. The default is 20px.

Step 5 Enter the configuration values in the appropriate text boxes.

Step 6 Click **Save**.

The Configure Widget dialog box closes.

Step 7 Click **Save File**.

The File Selector dialog box appears.

Step 8 In the File name text box, enter a name for the widget.

Step 9 Select the **Open File after Save** check box.

Step 10 Click **SAVE**.

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A dialog box appears prompting you to save or cancel.

Step 11 Click **OK**.

An HTML page with the newly created image appears.

Adding a Generic Alarm Widget

You can use widgets to create visual or audio alarms in your HTML pages.

For example, if you are monitoring the temperature in a room and the temperature exceeds the predefined limits, the alarm widgets can be used to produce visual alarms (where color changes are displayed) or audio alarms (where a sound file is played).

To add a generic alarm widget, perform the following steps:

Step 1 In the Web Express pane, click **Create New File**.

A new HTML drawing pane appears.

Step 2 Choose **GenericAlarm** from the Add or Delete Widgets drop-down list.

Step 3 Click **Create**.

The GenericAlarm widget pane appears.

Step 4 Click the widget.

The border of the widget turns red and the Configure Widget dialog box appears.

[Table 13-10](#) describes the values you can enter in the Configure Widget dialog box.

Table 13-10 *Configure Widget Description for GenericAlarm Widget*

Text Box	Description
name	Provides the name of the widget.
z index	Enter the z index of the frame. The default is 1000.
node	Browse to select a image to be uploaded.
level trigger	Choose the alarm trigger level from the drop-down list.
alarm threshold	Enter the value at which the alarm should be displayed.
sound file	Enter the pathname to the directory where the sound file is available.
sound duration	Choose the number of times the alarm is notified from the drop-down list.
animation type	Choose the type of animation from the drop-down list.
animation scale	Choose the size (in percentage) to which the animation image should be displayed.
animation directory	Enter the pathname to the directory where the animation file is available.
animation images	Enter the alarm image names separated by commas.
animation width	Enter the width of the animation image. The default is 100px.

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Table 13-10 **Configure Widget Description for GenericAlarm Widget**

Text Box	Description
animation height	Enter the height of the animation image. The default is 50px.
animation interval	Enter the time interval between two animation images. The default is 250.

Step 5 Enter the configuration values in the appropriate text boxes.

Step 6 Click **Save**.
The Configure Widget dialog box closes.

Step 7 Click **Save File**.
The File Selector dialog box appears.

Step 8 In the File name text box, enter a name for the widget.

Step 9 Select the **Open File after Save** check box.

Step 10 Click **SAVE**.
A dialog box appears prompting you to save or cancel.

Step 11 Click **OK**.
An HTML page with the newly created image appears.

Additional Widgets

Table 13-11 describes the additional widgets and their functionality.

Table 13-11 **Additional Widgets**

Widget	Allows you to
EmbeddedMiniGraph	Insert graphs in web pages. This widget is similar to the embedded graph widget, except that it has smaller dimensions.
GenericColorStatusBox	Create status boxes that change colors depending on the changes in the control points being monitored. The status boxes can generate warnings and alarms and signify when alarms are offline or online.
GenericLabelBox	Create labels in your web pages. This widget is similar to the generic label widget, except that it creates labels that have more spacing between the text and the border.
GenericNode	Insert nodes in your web pages.
GenericNodeBox	Insert nodes in your web pages. This widget is same as the generic node, except that it creates nodes that have more spacing between the text and the border.

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Table 13-11 Additional Widgets

Widget	Allows you to
GenericOverride	Create overridable nodes in your web pages.
OverridablePoint	View changes in values of a configured data point. This widget is same as the PH virtual point widget, except that it allows you to specify a timed override in periods of seconds, minutes, hours, or indefinite.

Configuring the Refresh Rate of Web Pages

Configuring the refresh rate of web pages ensures the latest data is available on the browser. You can choose to control whether the page refreshes automatically and how often the page gets refreshed automatically. The refresh settings that you specify in the drawing pane affects the refresh mode of the web pages.

To configure the refresh rate of a web page, perform the following steps:

-
- Step 1** In the Mediator web client, click **Web Express**.
The Web Express pane appears.
- Step 2** Choose the web page you want to modify from the drop-down list.
- Step 3** Click **Create New File**.
A blank Web Express drawing pane appears.
- Step 4** Click **Configure**.
The Configure Page dialog box.
- Step 5** In the Configure Page dialog box, perform the following steps:
- From the refresh rate drop-down list, choose the web page refresh rate. The default is 2 seconds.
 - In the user name text box, enter the username.
 - In the user password text box, enter the password.
 - In the html title text box, enter the name of the HTML page you want to refresh.
 - Click the color box next to the html body background color text box.
The Select Color dialog box appears.
 - Double-click a color to choose it.
- The Select Color dialog box closes and returns you to the Configure Page dialog box. You will see that the color box depicts the color you chose and the html body background color text box contains the corresponding hexadecimal value.
- Click **Save** to save the changes.
-

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Viewing Web Pages

The web pages created in each of the Mediators in the network are loaded into the directory of the Mediator. These HTML pages can be viewed in the Mediator using the Web Express pane.

To view a web page, perform the following steps:

-
- Step 1** In the Mediator web client, click **Web Express**.
The Web Express pane appears.
- Step 2** Choose the web page you want to view from the drop-down list.
- Step 3** Click **View Selected File**.
The selected web page is displayed.
-

Editing Web Pages

To edit an existing drawing, perform the following steps:

-
- Step 1** In the Mediator web client, click **Web Express**.
The Web Express pane appears.
- Step 2** Choose the web page you want to modify from the drop-down list.
- Step 3** Click **Edit Selected File**.
The web page to be edited appears as the drawing pane.
-

Deleting Web Pages

You can use Web Express to delete the web pages stored in the Mediator default directory.

To delete a web page, perform the following steps:

-
- Step 1** In the Mediator web client, click **Web Express**.
The Web Express pane appears.
- Step 2** Choose the web page you want to delete from the drop-down list.
- Step 3** Click **Delete Selected File**.
A dialog box appears prompting you to confirm the operation.
- Step 4** Click **OK**.
The web page is deleted and a dialog box appears confirming that the operation was successful.
-

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Copying Multiple Web Pages

You can use Web Express to make multiple copies of a web page. The copies will be stored in the Mediator directory.

The Copy Multiple feature is used to make copies of VAV monitor drawings.

To copy multiple web pages, perform the following steps:

-
- Step 1** In the Mediator web client, click **Web Express**.
The Web Express pane appears.
- Step 2** Choose the web page you want to copy from the drop-down list.
- Step 3** Click **Copy Multiple Files**.
The Web Express Copy Multiple files pane appears.
- Step 4** Choose the template file from the drop-down list.
The template file name appears in the File Base Name text box. The file name appears with a tilde (~) in the name.
- Step 5** In the Number of Copies text box, enter the desired of the copy files.
- Step 6** Click **Copy Multiple**.
A message appears indicating that the operation is completed successfully.
- Step 7** Click **Web Express**.
The Web Express pane reappears. The web pages are available in the drop-down list.
-

Deleting Multiple Files

To delete multiple web pages, perform the following steps:

-
- Step 1** In the Mediator web client, click **Web Express**.
The Web Express pane appears.
- Step 2** Click **Delete Multiple Files**.
The Web Express Delete Multiple Files pane appears.
- Step 3** Choose the files that you want to delete from the drop-down list.
Press **Shift+Click** to select a contiguous range or press **Ctrl+Click** to select multiple items.
- Step 4** Click **Delete**.
The Confirm Delete dialog box appears.
- Step 5** Click **Yes to All**.
The list of web pages is updated and the web pages that were not deleted remain in the list.
-

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Uploading Files

You can upload files, for example, custom artwork, PDF files of cut sheets or Operations and Maintenance manuals, text files, and spreadsheets from your PC to the Mediator. The files can then be incorporated into web page drawings that you create with Web Express.

The graphics files (gif, png, or jpg) are uploaded to the /images folder of the Mediator and the HTML files are uploaded to the root folder. Any other files that you upload (pdf, zip, doc, and so on) are routed to the /webexpressuploads folder.

To upload a file, perform the following steps:

-
- | | |
|---------------|--|
| Step 1 | In the Mediator web client, click Web Express .
The Web Express pane appears. |
| Step 2 | Click Upload A File .
The Web Express Upload pane appears. |
| Step 3 | Click Browse . |
| Step 4 | Navigate to and choose an image file to upload. |
| Step 5 | Click Upload File .
A message appears indicating that the file has been uploaded successfully. |
| Step 6 | Click Continue .
The Web Express homepage appears. |
-

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