Standard and Read-only Users
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System Requirements

This document is applicable for Pro:Centric® Admin Client version 1.5.x.
The document also assumes that the Pro:Centric server hardware is installed and connected to the institution’s network as described in the appropriate Installation & Setup Guide.

PC Requirements for Pro:Centric Admin Client

• Internet access.
• Windows XP or later operating system. (Apple computers not supported.)
  Note: Although it is possible to resize Admin Client windows, note that depending on your operating system, resizing windows may affect Admin Client functionality.
• Java™ 6.0 or later software. Refer to java.com for further information and/or to download the free Java software.

Pro:Centric Admin Client Login Prerequisites

You will need to know the following information in order to log in to the Admin Client. Consult your network administrator, as necessary.

• The IP address of the Pro:Centric server—either the VPN IP address (for remote access) or the network IP address assigned by a DHCP server (for local access).
• Your Admin Client user name and password.

Notes:
• This document provides examples of typical Admin Client screens. Your displays may vary from those shown in the document.
• Design and specifications subject to change without prior notice.
The options panel at the left of the Pro:Centric server Admin Client screen provides access to user options, in accordance with users’ privilege levels. The following screen shows Admin Client options for standard and read-only users.

### Pro:Centric Server Admin Client Function Categories

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Status</td>
<td>Provides Pro:Centric server and Admin Client application information.</td>
</tr>
<tr>
<td>TV Settings</td>
<td>Provides configuration and administrative facilities for Pro:Centric portal displays, e.g., portal text, information sections (billboard and map pages), and language settings. Read-only users may view the portal settings; standard users have additional administrative options as described in this document.</td>
</tr>
</tbody>
</table>
Logging In to the Admin Client

Note: You will need to know the IP address of the Pro:Centric server (VPN IP address or network IP address) and your Admin Client user name and password in order to log in. See “System Requirements” on page 3 for further information.

1. Launch a web browser, and type `http://ipaddress:9934/admin` in the browser’s address bar, where `ipaddress` is the IP address of the Pro:Centric server. Then, press Enter.

2. Click on the Launch Pro:Centric Admin App link on the Pro:Centric web page.

3. In the Pro:Centric Server Login pop-up window, type your user name and password, and then click Login.

   Note: If this is the first time the Admin Client has been run on this PC or if you are a new Admin Client user, you must read and accept the terms of the End User License Agreement (displayed in a pop-up window after you log in). If you are or represent the sole end user on the PC, click the checkbox at the bottom of the pop-up window and then click Accept to bypass the License Agreement in the future. Otherwise, simply click Accept to continue.

The Admin Client opens with the Status Summary on display (see “Pro:Centric Server Status Summary” on the next page for further information on the Status Summary). You now have access to each of the functions shown in the options panel at the left of the Admin Client screen.

When you have completed your activities in the Admin Client, you can simply click the box in the top right corner of the Admin Client window to close the Admin Client.

Note: If there is no user activity in the Admin Client for 30 minutes, the server will display an Application Timeout pop-up warning. If the session remains inactive for another minute once the warning is displayed, the Admin Client will be automatically closed.
The Status Summary provides Pro:Centric server hardware, firmware, software, and site information.

To view the Status Summary at any time while you are working in the Admin Client, click on Summary in the Admin Client options panel at the left of the screen. The initial display shows the Status Summary at the time of login. Click the Refresh button at the top right of the display to view the most recent Status Summary data.

Data fields in the top half of the Status Summary display identify the following:

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>The date and the time of the current status display (per the Pro:Centric server’s clock setting).</td>
</tr>
<tr>
<td>Uptime</td>
<td>The length of time, in days, hours, and minutes, the server has been running. Note that this timer resets if the Pro:Centric server is restarted.</td>
</tr>
<tr>
<td>AdminClient revision, P:C Server revision, and EPG App revision</td>
<td>The software version, respectively, of the Admin Client, the Pro:Centric server, and the EPG application.</td>
</tr>
<tr>
<td>Serial number</td>
<td>The Pro:Centric server serial number.</td>
</tr>
<tr>
<td>Hardware ID</td>
<td>The Pro:Centric server firmware version.</td>
</tr>
<tr>
<td>OS version and OS release</td>
<td>The software version of the Linux operating system (OS) and the time and date of the OS version release, respectively.</td>
</tr>
</tbody>
</table>

The remaining fields in the display, if completed by an administrator, specify property, contact, and/or installation information for the site, along with any additional system notes, as required.
The Portal display enables authorized users (i.e., users with "standard" privileges) to configure and/or modify several elements of the Pro:Centric application, including the portal and information section content, the channel guide/EPG display format, and language support. From the Portal display, authorized users can also set the timeout threshold for Pro:Centric application displays.

To view or update current settings, click on Portal in the Admin Client options panel at the left of the screen.

**Note:** Read-only users may view the Portal configuration but cannot modify it.

The Portal display provides a listing, in hierarchical format, of the currently configured portal and information interactive buttons, the information sections configured within each information root button, and the billboard and map pages configured within each information section. The initial display shows button, section, and page titles in the default language, and tabs are available for each additional language that has been added to support the site/institution (see “TV Language Settings” on pages 25 to 27).

Depending on the feature license, up to 40 billboard or map pages may be configured in the Admin Client (not including the Weather page, if enabled). At the top right of the display, the Total Pages field indicates the number of billboard and/or map pages that are currently configured, as well as the total number of pages that may be configured for this system. For example, the sample screen above shows that 2 of 40 pages are currently configured, which means that up to thirty-eight more billboard and/or map pages total can be added.

At any time, you can click on the button at the right of the Portal display to generate a preview of the Pro:Centric portal, channel guide/EPG, and information displays.
Add or Modify Portal Text

Channel Guide, Information (both default and added), and Watch TV buttons in the portal interactive menu have associated user-definable portal text that displays whenever the button is selected. This section describes how to add and/or modify the portal text. Text must be entered in a language that is supported by the TVs. If the text contains characters that are foreign to the TVs, the text may not show properly on-screen, even if it appears to display correctly in the Admin Client portal preview.

Note: It is not possible to edit the portal text for the Help, Wake Up Time, and Language portal buttons. However, the Help button, along with the Watch TV button, may be removed from the portal, if desired (see “Portal Help and Watch TV Button Options” on the following page). Also, the Language button appears in the Portal list only if more than one language has been added to support this site/institution.

1. Click on/highlight the portal button whose associated text you wish to add or modify, right-click to display available menu options, and select the Edit option.

Note: This example shows the default portal configuration, which includes one “information root” button (entitled “Information”). The title of this button may be modified, if desired. Also, it is possible to add one additional information root button to the portal interactive menu. See “Information Root Button Configuration” for further information.

2. In the Portal Message/Settings pop-up window, type new or edit existing text in the Portal Message field, as required.

(Continued on next page)
Portal Configuration (Cont.)

(Continued from previous page)

**Note:** Click on the button at the top right of the Portal Message window, if desired, to view the portal text preview.

3. When you are finished, click OK to save your changes (or click Cancel to return to the Portal display without changing the portal text).

4. Repeat steps 1 to 3 to add/modify portal text associated with additional portal buttons, as necessary.

5. Click the Commit button at the top right of the Portal display to commit any changes to the server (or click Refresh, if required, to restore previous portal settings).

### Portal Help and Watch TV Button Options

The portal Help and Watch TV buttons may be removed and/or re-added to the portal interactive menu display as described below.

#### Remove the Portal Help or Watch TV Button

1. Click on/highlight the button you wish to remove (Help or Watch TV), right-click to display available menu options, and select the “Remove” option (Remove Help or Remove Watch TV).

2. At the prompt for confirmation, either:
   - Click Yes to remove the selected portal button.
   - Click No to return to the Portal display without removing the portal button.

3. Click the Commit button at the top right of the Portal display to commit the removal to the server (or click Refresh to restore previous settings without removing the selected portal button).

#### Add the Portal Help or Watch TV Button

1. Click on/highlight the Portal folder, right-click to view available menu options, and either:
   - Select Add Help to restore the Help button to the portal display.
   - Select Add Watch TV to restore the Watch TV button to the portal display.
2. Click the **Commit** button at the top right of the Portal display to commit the addition to the server (or click **Refresh** to restore previous settings without adding the selected portal button).

**Channel Guide/EPG Display Options**

Channel Guide settings in the Portal display enable you to select the format for the channel guide or EPG display on the TV(s) in addition to specifying the Channel Guide button portal text. In the default half-screen format, the channel guide grid/EPG event listings appear in the bottom half of the TV screen in front of the currently tuned channel. In the full-screen format, channel descriptions are displayed in the top portion of the screen above the channel guide grid/EPG event listings, and the currently tuned TV channel is displayed in a PIP video window in the top left or right (configurable) of the screen.

**Note:** Administrative users can also select the channel guide/EPG display format in an App Skins Settings display (if enabled). The setting in this Portal display will reflect the last committed update.

1. Click on/highlight the Channel Guide portal button, right-click to display available menu options, and select **Edit Channel Guide**.

2. In the Edit Channel Guide Settings pop-up window, either:
   - Click the “Use Full-screen Guide” checkbox to expand the channel guide or EPG display to the full TV screen.
   - Remove the check from the “Use Full-screen Guide” checkbox to reduce the channel guide or EPG display to the half-screen format.
Portal Configuration (Cont.)

(Continued from previous page)

**Note:** If desired, you can also add or edit the Channel Guide button portal text in this window. See “Add or Modify Portal Text” on pages 8 to 9 for further information.

3. When you are finished, click **OK** to save your change(s) (or click **Cancel** to return to the Portal display without changing the channel guide settings).

4. Click the **Commit** button at the top right of the Portal display to commit any changes to the server (or click **Refresh**, if required, to restore previous channel guide settings).

### Information Root Button Configuration

The Pro:Centric application portal interactive menu may include up to two “information root” buttons that provide access to information interactive menus. Information interactive menus are in turn configured with information sections comprising billboard and map pages. In its default configuration, the Pro:Centric application contains one information root button entitled, “Information.” This title may be modified, and/or an additional information root button may be added, as required.

All information sections and billboard and/or map pages that are currently defined in the Admin Client are listed under the Information Root folder hierarchy(ies) in the Portal display. Each Information Root folder typically contains one or more Information Section folders (up to eight per Information Root folder allowed—including the Weather section, if enabled), and up to five billboard and/or map pages may be configured within each Information Section folder.

**Note:** Admin Client version 1.5.x includes a new information section and billboard/map page structure as illustrated and described in the following sections. If the Admin Client has been upgraded from version 1.4.5 to version 1.5.x or if information sections have been imported into Admin Client version 1.5.x, see Reference section, “Information Section Updates from Admin Client Version 1.4.5 to Version 1.5.x,” for additional details.

<table>
<thead>
<tr>
<th>Title</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portal</td>
<td>Channel guide</td>
</tr>
<tr>
<td>Information</td>
<td>Information root</td>
</tr>
<tr>
<td>Weather</td>
<td>Weather section</td>
</tr>
<tr>
<td>Amenities</td>
<td>Info section</td>
</tr>
<tr>
<td>Amenities</td>
<td>Billboard page</td>
</tr>
</tbody>
</table>

Click the ‡ button at the left of any Information Root or Information Section folder to expand its contents.
This section describes how to add, modify, and/or remove information root buttons. Refer to “Information Section Configuration” on pages 14 to 17 for information on adding, modifying, and/or removing information sections and “Billboard and Map Page Configuration” on pages 17 to 23 for information on adding, modifying, and/or removing billboard and map pages.

**Note:** It is highly recommended that you click on the button at the right of the Portal display to view portal and information previews before committing updates to the server.

**Add an Information Root Button**

This procedure describes how to add an information root button. Up to two information root buttons total may be configured.

1. Click on/highlight the Portal folder, right-click to view available menu options, and select **Add Information Root**.

2. In the Information Root Settings pop-up window:
   - Type a brief descriptive name for the new information root button in the Title field (in the language indicated).
     **Note:** While the number of characters that may be entered for a button title is not limited, the space allotted for the button text is limited. The more characters you type, the smaller the font size will become in order to accommodate the text. Always preview the portal configuration before committing updates.
     **Note:** Button titles must be entered in a language that is supported by the TVs. If the text contains characters that are foreign to the TVs, the title may not show properly on-screen, even if it appears to display correctly in the preview.
   - Type the appropriate portal text in the Portal Message field. (This step is optional, though it is recommended that you add portal text.)
     **Note:** The current language indicator in the Information Root Settings window depends on which language tab was selected in the Portal display when you initiated this procedure.

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3. Click **Add** to create the information root button and close the pop-up window.

   The new information root button should now be visible in the Portal display, at the bottom of the Portal folder list.

4. If additional languages have been added to support this site, you must provide the title for the new button in each of the existing language tabs before you can commit the button to the server (fields that require translation will be identified in red). Within each individual language tab, double-click in the button’s Title field, and type in the appropriate title text.

   **Note:** Though not required, it is also recommended that you provide the appropriate portal text for the button in each language. See “Add or Modify Portal Text” on pages 8 to 9 for further information on modifying the portal text.

5. When you have completed your activities, click the **Commit** button at the top right of the Portal display to commit the information root button to the server (or click **Refresh**, if required, to restore previous portal settings).

   You can now begin to define information section content for the new information root button. Refer to “Information Section Configuration” on pages 14 to 17 for further information. You can also move the information root button up and down in the display, as desired. See “Move Portal Elements Up or Down in the Display(s)” on page 23 for further information.

### Remove an Information Root Button

This option removes an information root button along with its associated information sections and billboard and/or map pages. To remove individual elements from an information root button, see “Remove an Information Section” on page 16 or “Remove a Billboard or Map Page” on page 21.

1. Click on/highlight the information root button to remove, right-click to display the available menu options, and select **Remove Information Root**.

   ![Menu Options](image)

   2. At the prompt for confirmation, either:
   - Click **Yes** to remove the selected information root button.
   - Click **No** to return to the Portal display without removing the information root button.

   ![Confirmation Dialog](image)

3. Click the **Commit** button at the top right of the Portal display to commit the removal to the server (or click **Refresh** to restore previous portal settings).
Portal Configuration (Cont.)

Edit an Information Root Button Title

This section describes how to modify an information root button title. For information on modifying the button portal text, see “Add or Modify Portal Text” on pages 8 to 9.

**Note:** Refer to “Edit an Information Section Title,” “Edit a Billboard Page,” or “Edit a Map Page” on pages 16 and 22 for information on editing information section and billboard and/or map page titles.

1. Double-click in the Title field of the information root button whose title you wish to edit. The field will become editable, and you can directly type in updates to the title.

![Information root button title field](image)

**Note:** While the number of characters that may be entered for a button title is not limited, the space allotted for the button text is limited. The more characters you type, the smaller the font size will become in order to accommodate the text. Always preview the portal configuration before committing updates.

**Note:** Button titles must be entered in a language that is supported by the TVs. If the text contains characters that are foreign to the TVs, the title may not show properly on-screen, even if it appears to display correctly in the preview.

2. Update the button title in any additional supported languages, as necessary. After you complete the final title text edit, click anywhere within the Portal display listing to exit the edit mode.

3. When you have completed your updates, click the **Commit** button at the top right of the Portal display to commit the edits to the server (or click **Refresh**, if required, to restore previous portal settings).

Information Section Configuration

Each information interactive menu provides access to a series of information sections, each of which may contain up to five billboard and/or map pages. This section describes how to add, modify, and/or remove information sections. Up to eight information sections may be configured per information root, which means that up to 16 information sections total may be configured in the Admin Client. If enabled, the Weather section is automatically configured as the first information section within the default information root button menu, and only seven additional information sections may be configured in this menu.

![Information sections](image)

Information sections are available from the information interactive menu(s). Each standard information section may contain up to five billboard and/or map pages.

**Note:** The Weather section, if enabled, is always the first information section/page displayed.

Refer to “Information Root Button Configuration” on pages 11 to 14 for information on adding, modifying, and/or removing information root buttons and/or “Billboard and Map Page Configuration” on pages 17 to 23 for information on adding, modifying, and/or removing billboard and map pages.

**Note:** It is highly recommended that you click on the **button at the right of the Portal display to view portal and information previews before committing updates to the server.
Note: Admin Client version 1.5.x includes a new information section and billboard/map page structure as illustrated and described in this document. If the Admin Client has been upgraded from version 1.4.5 to version 1.5.x or if information sections have been imported into Admin Client version 1.5.x, see Reference section, "Information Section Updates from Admin Client Version 1.4.5 to Version 1.5.x," for additional details.

Add an Information Section

This procedure describes how to add an information section. In the Pro:Centric application, each information section is available as a button (as shown in the example on the previous page). Up to eight information sections may be added to each information root button.

1. Click on/highlight the Information Root folder in which you wish to add the information section, right-click to view available menu options, and select Add Information Section.

2. In the Information Section Settings pop-up window, type a brief descriptive name for the new information section in the Title field (in the language indicated).

   Note: While the number of characters that may be entered for an information section button title is not limited, the space allotted for the button text is limited. The more characters you type, the smaller the font size will become in order to accommodate the text. Always preview the portal configuration before committing updates.

   Note: Information section titles must be entered in a language that is supported by the TVs. If the text contains characters that are foreign to the TVs, the title may not show properly on-screen, even if it appears to display correctly in the preview.

   Note: The current language indicator in the Information Section Settings window depends on which language tab was selected in the Portal display when you initiated this procedure.

3. Once you have provided the appropriate title, click Add to create the information section.

   The new information section should now be visible in the Portal display, at the bottom of the information section list for the selected information root button.

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4. If additional languages have been added to support this site, you must provide the title for the new information section in each of the existing language tabs before you can commit it to the server (fields that require translation will be identified in red). Within each individual language tab, double-click in the information section’s Title field, and type in the appropriate title text.

5. When you have completed your activities, click the **Commit** button at the top right of the Portal display to commit any updates to the server (or click **Refresh**, if required, to restore previous portal settings).

You can now begin to define billboard and map page content for the new information section. Refer to “Billboard and Map Page Configuration” on pages 17 to 23 for further information. You can also move the information sections up and down in the display, as desired. See “Move Portal Elements Up or Down in the Display(s)” on page 23 for further information.

**Remove an Information Section**

This option removes an information section along with its associated billboard and/or map pages. To remove individual pages from an information section, refer to “Remove a Billboard or Map Page” on page 21.

1. Click on/highlight the information section to remove, right-click to display the available menu options, and select **Remove Information Section**.

2. At the prompt for confirmation, either:
   - Click **Yes** to remove the selected information section.
   - Click **No** to return to the Portal display without removing the information section.

3. Click the **Commit** button at the top right of the Portal display to commit the removal to the server (or click **Refresh** to restore previous settings).

**Edit an Information Section Title**

>Note: Refer to “Edit an Information Root Button Title,” “Edit a Billboard Page,” or “Edit a Map Page” on pages 14 and 22 for information on editing information root button and billboard and/or map page titles.

1. Double-click in the Title field of the information section whose title you wish to edit. The field will become editable, and you can directly type in updates to the title.
Note: While the number of characters that may be entered for an information section button title is not limited, the space allotted for the button text is limited. The more characters you type, the smaller the font size will become in order to accommodate the text. Always preview the portal configuration before committing updates.

Note: Information section titles must be entered in a language that is supported by the TVs. If the text contains characters that are foreign to the TVs, the title may not show properly on-screen, even if it appears to display correctly in the preview.

2. Update the information section title in any additional languages, as necessary. After you complete the final title text edit, click anywhere within the Portal display listing to exit the edit mode.

3. When you have completed your updates, click the Commit button at the top right of the Portal display to commit the edits to the server (or click Refresh, if required, to restore previous portal settings).

Billboard and Map Page Configuration
This section describes how to add, modify, and/or remove billboard and map pages. Up to five billboard and/or map pages may be configured in each information section, and up to 40 billboard and/or map pages total may be configured in the Admin Client.

• Billboards: Typically comprise an image and, if desired, accompanying text.
• Maps: Typically identify locations of interest in the vicinity of the site/institution.

Note: The Weather page, if enabled, is always the first page displayed within the default information root button menu. The procedures described in this section apply only to billboard and map pages that are user-created. It is not possible to add additional billboard/map pages to the Weather section.

Refer to “Information Root Button Configuration” on pages 11 to 14 for information on adding, modifying, and/or removing information root buttons. Refer to “Information Section Configuration” on pages 14 to 17 for information on adding, modifying, and/or removing information sections.

Note: It is highly recommended that you click on the button at the right of the Portal screen to view a preview of the portal and information displays before committing updates to the server.

Add a Billboard Page
In order to add a billboard page, you must first configure the information section to which the page is to be added. See “Add an Information Section” on page 15 for further information.

Note: Each information section may contain up to five billboard and/or map pages.

1. Click on/highlight the information section folder to which you wish to add the billboard page, right-click to view available menu options, and select Add Billboard Page.

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2. The Billboard Settings pop-up window (see example on following page) enables you to select a billboard image and add descriptive text.

- Type a descriptive name for the new billboard page in the Title field (in the language indicated).
  
  **Note:** Billboard titles must be entered in a language that is supported by the TVs. If the text contains characters that are foreign to the TVs, the title may not show properly on-screen, even if it appears to display correctly in the preview.

- To select an image for the billboard, click the down arrow at the right of Image field (below the Title field), and select the appropriate image from the drop-down list of options. Note that the image should be appropriate for each of the supported languages. The selected billboard image will be displayed in the Billboard Area at the bottom of the Billboard Settings window.
  
  **Note:** The drop-down image list only contains images that have been uploaded to the Portal file system. See “Billboard and Map Image Administration” on page 24 for further information.

- Depending on the size of the image, you may have the option to add supporting text at the bottom of the billboard. The Text Area field below the Image field indicates the number of lines available for text. If applicable, type supporting text in the Text field at the right of the display. The Billboard Area preview in the lower half of the display enables you to preview the text as you type. You can also click the “Guides” checkbox below the Text Area field to show image and text borders in the Billboard Area preview.
  
  **Note:** The current language indicator in the Billboard Settings window depends on which language tab was selected in the Portal display when you initiated this procedure.

  **Note:** To return to the Portal display without adding a billboard page, you can click **Cancel** at any time.

3. Once you have defined the billboard page characteristics as required, click the **Update** button at the bottom of the Billboard Settings window.

   The billboard page will now be present in the Portal display, at the bottom of the page list for the selected information section.

4. If additional languages have been added to support this site, you must provide the title for the new billboard page in each of the existing language tabs before you can commit the billboard to the server (fields that require translation will be identified in red). Within each individual language tab, double-click in the billboard’s Title field, and type in the appropriate title text.

  **Note:** If you added supporting text in the initial Billboard Settings window, it is recommended that you also provide appropriate supportive text in each supported language. To modify/add supporting text, edit the billboard settings as described in “Edit a Billboard Page” on page 22.

5. When you have completed your activities, click the **Commit** button at the top right of the Portal display to commit the new billboard page to the server (or click **Refresh**, if required, to restore previous portal settings).
Add a Map Page

In order to add a map page, you must first configure the information section to which the page is to be added. Refer to “Add an Information Section” on page 15 for further information.

**Note:** Each information section may contain up to five billboard and/or map pages.

1. Click on/highlight the information section folder to which you wish to add the map page, right-click to view available menu options, and select **Add Map Page**.

2. The Map Settings pop-up window (see example on following page) enables you to select a map image and add locations.
   - Type a descriptive name for the new map page in the Title field (in the language indicated).
   
   **Note:** Map titles must be entered in a language that is supported by the TVs. If the text contains characters that are foreign to the TVs, the title may not show properly on-screen, even if it appears to display correctly in the preview.
Portal Configuration (Cont.)

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- To select an image for the map, click the down arrow at the right of Image field (below the Title field), and select the appropriate image from the drop-down list of options. The selected map image will be displayed in the Points-of-Interest Map Area on the right side of the Map Settings window.

  Note: The drop-down image list only contains images that have been uploaded to the Portal file system and that are sized appropriately for a map page. See “Billboard and Map Image Administration” on page 24 for further information.

Note: The current language indicator in the Map Settings window depends on which language tab was selected in the Portal display when you initiated this procedure.

Note: To return to the Portal display without adding a map page, you can click Cancel at any time.

3. To add the map page, you must specify at least one location. Add the map location(s) as follows:
   - Click the button at the right of the Points-of-Interest Map Locations section of the display. You will see a point indicator appear on the map image at the right of the screen.
   - Click within the map area to place the point indicator at the appropriate location.
   - Type the appropriate text to describe the location in the Name and Details fields at the bottom left of the Map Settings window. For example, specify a restaurant name and then add a brief description of the cuisine. Note that you must provide text in both of these fields in order to add the map page.

Note: You can add up to six locations to each map page.

(Continued on next page)
Note: While it is always recommended that you preview portal and information displays before committing updates to the server, make sure to preview map pages to ensure that location Name and Details text does not exceed the space allotted on the page. In particular, if Name text is long enough to necessitate text wrapping, this may effectively reduce the number of locations that can be displayed within one map page.

4. Once you have defined the map page characteristics as required, click the Add button at the bottom of the Map Settings window.

The map page will now be present as a folder in the Portal display, and each location will be listed as an entry within the map page folder.

5. If additional languages have been added to support this site, you must provide the title for the new map page and each of its locations in each of the existing language tabs before you can commit the map to the server (fields that require translation will be identified in red). Within each individual language tab, double-click in the map page and map location Title fields, and type in the appropriate title text.

Note: If you added “details” text for locations in the initial Map Settings window, it is recommended that you also provide appropriate supportive text in each supported language. To modify/add supporting text, edit the map settings as described in “Edit a Map Page” on page 22.

6. When you have completed your activities, click the Commit button at the top right of the Portal display to commit the new map page to the server (or click Refresh, if required, to restore previous portal settings).

Remove a Billboard or Map Page

This option enables you to remove individual billboard or map pages. If you wish to remove an information section along with all of its associated pages, refer to “Remove an Information Section” on page 16.

Note: Click the button at the left of any Information Root or Information Section folder to expand its contents.

1. Click on/highlight the billboard or map page to remove, right-click to display the available menu options, and select Remove Billboard or Remove Map to remove the billboard or map page, respectively.

2. At the prompt for confirmation, either:
   - Click Yes to remove the selected billboard or map page.
   - Click No to return to the Portal display without removing the billboard or map page.

3. Click the Commit button at the top right of the Portal display to commit the removal to the server (or click Refresh to restore previous portal settings).
Edit a Billboard Page

**Note:** Click the button to the left of any Information Section or Information Root folder to expand its contents.

1. The first step depends on the extent of the edits you wish to perform:
   - If you need only to update a billboard’s title, you can simply double-click in the billboard page’s Title field, and directly type in your updates. Then, go to step 5.
   - If you wish to update the billboard image and/or supporting text, continue with step 2.

2. Click on/highlight the billboard page to edit, right-click to display the available menu options, and select **Edit Billboard**.

3. In the Billboard Settings pop-up window (see example on page 19), you can update the billboard title, image, and/or supporting text. See step 2 of the “Add a Billboard Page” procedure on pages 17 to 18 for additional information.

4. When you have completed your updates, click the **Update** button at the bottom of the Billboard Settings window to save the changes and return to the Portal display.

5. If multiple languages are supported for this site, update title and supporting text fields for each language, as necessary.

   **Note:** If you are updating other language titles by double-clicking in the billboard page’s title field, once you complete the final title text edit, click anywhere within the Portal display listing to exit the edit mode.

6. When you have completed your updates, click the **Commit** button at the top right of the Portal display to commit the edits to the server (or click **Refresh**, if required, to restore previous portal settings).

Edit a Map Page

**Note:** Click the button to the left of any Information Section or Information Root folder to expand its contents.

1. The first step depends on the extent of the edits you wish to perform:
   - If you need only to update a map’s title or location titles, you can simply double-click in the map page or location Title field, and directly type in your updates. Then, go to step 5.
   - If you wish to update the map image and/or locations or supporting text, continue with step 2.

2. Click on/highlight the map page to edit, right-click to display the available menu options, and select **Edit Map**.

(Continued on next page)
3. In the Map Settings pop-up window (see example on page 20), you can update the map title, image, and/or locations. See steps 2 and 3 of the “Add a Map Page” procedure on pages 19 to 21 for additional information.

   **Note:** In addition to adding map locations, you can also remove or modify locations as follows:

   • To remove a map location: Click on/highlight the location to remove, and then click the button at the right of the Points-of-Interest Map Locations section of the display. At the prompt for confirmation, either click Yes to remove the location, or click No to return to the Map Settings window without removing the location.

   • To edit an existing map location: Click on/highlight the location to edit, and then edit the Name and/or Details text, as required, or correct the placement of the point indicator on the map image.

   • To move locations up or down in the display: Click on/highlight the location to move, and then click the or button at the right of the Points-of-Interest Map Locations section of the display to move the location as required.

4. When you have completed your updates, click the **Update** button at the bottom of the Map Settings window to save the changes and return to the Portal display.

5. If multiple languages are supported for this site, update title and location text fields for each language, as necessary.

   **Note:** If you are updating other language titles by double-clicking in the map page or location title field, once you complete the final title text edit, click anywhere within the Portal display listing to exit the edit mode.

6. When you have completed your updates, click the **Commit** button at the top right of the Portal display to commit the edits to the server (or click **Refresh**, if required, to restore previous portal settings).

**Move Portal Elements Up or Down in the Display(s)**

This option enables you to alter the order of the menu options in both the portal and information interactive menus, as well as the order of individual billboard and map pages.

   **Note:** Click the button at the left of any Information Button or Information Section folder to expand its contents.

   **Note:** The Weather section/page, if enabled, cannot be moved within the display.

   **Note:** See “Edit a Map Page” above for information on moving map locations up and down in the display.

1. Click on/highlight the portal element to move, and then click the or button at the right of the Portal display to move the item as required.

2. Click the **Commit** button at the top right of the Portal display to commit the changes to the server (or click **Refresh**, if required, to restore previous portal settings).
Portal Configuration (Cont.)

Billboard and Map Image Administration
This section describes billboard and map image requirements and how to upload, remove, and/or preview the images.

Image Guidelines
For best results, JPEGs or PNGs are recommended for billboard and map images. Other file types may not display properly on-screen. In addition, it is recommended that information section image files be no larger than 200 KB to facilitate portal navigation for end users.

- Billboard images: The maximum resolution allowed for billboard images is 950 x 590 (W x H) pixels. If you wish to add supporting text at the bottom of the billboard, use an image with a lower height profile. See “Add a Billboard Page” on pages 17 to 18 for additional information on adding text with a billboard.
- Map images: The maximum resolution allowed for map images is 447 x 590 (W x H) pixels.

Note: If your site uses LG700H TV models, please contact your service representative for further information regarding information section images.

Add, Remove, and/or Preview Billboard or Map Images
1. Click the button at the right of the Portal display.
2. From the Uploaded Images pop-up window, you have the following options:
   - Add an image to the Uploaded Images list: Click the button at the right of the window, and select the desired image in the subsequent Open pop-up window.
     Note: The Admin Client will not allow you to upload an image that exceeds the maximum dimension allowance. Instead, you will see an error notice, for example:

     ![Upload Image Error]

     The selected image is dimension (W x H) larger than maximum allowed (950 x 590). Please select a different image file.

   - Remove an image from the Uploaded Images list: Click on/highlight the image to remove, and click the button at the right of the window. At the prompt for confirmation, either click Yes to remove the image, or click No to return to the Uploaded Images window without removing the image.
   - Preview an image: Click on/highlight the desired image, and click the button at the right of the window. The image preview will display in a pop-up window.

![Uploaded images]

3. When you have completed your Image Administration activities, click Done at the bottom right of the Uploaded Images window.
Portal Configuration (Cont.)

Configure the Pro:Centric Timeout Setting
This option determines how long Pro:Centric portal displays will remain on a TV screen without further user intervention. The default timeout setting is 30 seconds.

1. Click the button at the right of the Portal display.
2. In the Pro:Centric Timeout Settings pop-up window, either:
   • Click the radio button at the left of the “No Timeout” option if no timeout is desired. Then click OK.
   • Click the radio button at the left of the “Timeout (seconds)” option, and then type the number of seconds of inactivity before the Pro:Centric portal display on a TV should time out. Then click OK.

3. Click the Commit button at the top right of the Portal display to commit any changes to the server (or click Refresh, if required, to restore previous timeout settings).

TV Language Settings
The TV Language Settings option in the Portal display identifies the languages that are supported in the Admin Client; however, some languages may not be supported on all LG Pro:Centric TVs. Check with your service representative to ensure that the appropriate languages are supported on the institution’s TV(s).

If more than one language option is added in the Admin Client, the portal display on the TV will include a Language button that allows viewers to select the language in which to view the Pro:Centric interactive menus.

To access the TV Language Settings options, click the button at the right of the Portal display.

From the TV Language Settings pop-up window, you can add or remove TV languages, select/modify the default language, and/or schedule a “Language Reset” time so that the Pro:Centric application reverts to the default language at the designated hour/minute (typically, the check-out time). The following subsections describe each of these options.
Portal Configuration (Cont.)

Note: For each language added, you must update the portal configuration with the appropriate language support.

Adding a TV Language
1. Click the button at the right of the TV Language Settings window.
2. In the Add TV Language pop-up window, click the down arrow at the right of the Language field, and select the desired language from the drop-down list of options.
3. If you want this to be the default language, click the “Set as default TV language” checkbox below the Language field.
4. Click Add to save the settings and close the pop-up window (or click Cancel, if required, to return to the TV Language Settings window without saving the language).
5. When you are finished adding the language(s), click the OK button at the bottom of the TV Language Settings window to close it (or click Cancel to close the TV Language Settings window without retaining the new language settings).
6. If you just added one or more languages to a system that already has information buttons, sections, or pages configured, you will need to provide title information for each of those portal elements before you can commit the new language settings to the server (fields that require translation will be identified in red).
7. When you have completed your activities, click the Commit button at the top right of the Portal display to commit the update(s) to the server (or click Refresh, if required, to restore previous language settings).

Removing a TV Language
1. Click on/highlight the language to remove, and click the button at the right of the TV Language Settings window.
2. At the prompt for confirmation, either:
   - Click Yes to remove the language. Continue with step 3.
   - Click No to return to the TV Language Settings window without removing the language.
3. When you are finished removing the language(s), click the OK button at the bottom of the TV Language Settings window to close it (or click Cancel to close the TV Language Settings window without retaining the new language settings).
4. When you have completed your activities, click the Commit button at the top right of the Portal display to commit the update(s) to the server (or click Refresh, if required, to restore previous language settings).
**Portal Configuration (Cont.)**

### Editing a TV Language (Selecting a New Default Language)

1. Click on/highlight the language to edit, and click the button at the right of the TV Language Settings window.

2. In the Edit TV Language pop-up window, click the “Set as default TV language” checkbox below the Language field to set this language as the default.

3. Click **Update** to save the change (or click **Cancel**, if required, to return to the TV Language Settings window without saving the change).

4. Click **OK** in the TV Language Settings window to close it (or click **Cancel** to close the TV Language Settings window without retaining the new language setting).

5. Click the **Commit** button at the top right of the Portal display to commit the edit to the server (or click **Refresh**, if required, to restore previous language settings).

### Language Reset

In the Language Reset (Check-out) Time section at the bottom of the TV Language Settings window, you can set the daily time (typically the hotel's check-out time) at which the Pro:Centric application language will be reset to its default value.

1. Use the up/down arrows at the right of the Hour and Minute fields to select the appropriate settings.

2. Click the **Commit** button at the top right of the Portal display to commit the update(s) to the server (or click **Refresh**, if required, to restore the previous language reset setting).
The following table provides information on general symptoms and solutions related to the Admin Client.

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>The PC cannot access the Admin Client.</td>
<td>• Verify that the appropriate Ethernet cable is connected properly to the Pro:Centric server (Example: PCS150R) and in good condition. Refer to the Installation &amp; Setup Guide for the Pro:Centric server.</td>
</tr>
<tr>
<td></td>
<td>• Verify that the Pro:Centric server is connected to the Internet.</td>
</tr>
<tr>
<td></td>
<td>• Restart the Pro:Centric server: Unplug the server’s power cord for 15 seconds; then plug it in again.</td>
</tr>
<tr>
<td></td>
<td>If the PC still cannot access the Admin Client, contact your service representative.</td>
</tr>
<tr>
<td>Changes committed in the Admin Client do not appear on the TV.</td>
<td>Allow a few minutes for the TV to receive the new data from the server. Then, turn the TV Off and On, and you should see the updates.</td>
</tr>
<tr>
<td>The Admin Client is no longer open on the PC.</td>
<td>If there is no user activity in the Admin Client for 30 minutes, the server will display an Application Timeout pop-up warning. If the session remains inactive for another minute once the warning is displayed, the Admin Client will be automatically closed.</td>
</tr>
</tbody>
</table>
Admin Client version 1.5.x includes a new information section and billboard/map page structure as illustrated and described in this document (see “Portal Configuration” on pages 7 to 27). This section describes how existing information sections are distributed after an upgrade from Admin Client version 1.4.5 to version 1.5.x. It also describes how existing information sections from Admin Client version 1.4.5 may be imported into Admin Client version 1.5.x.

**Note:** Upgrade and/or import procedures must be performed in advance by an administrative user.

If the Admin Client has been upgraded to version 1.5.x from version 1.4.5, all existing information sections will be placed under the default Information Root folder in the Admin Client Portal display, even if the number of information sections exceeds the standard 1.5.x allowance of up to eight information sections per information root. In case of the latter, you will not be able to add a second information root or any additional information sections until the number of information sections in the default Information Root folder is less than or equal to eight (including the Weather section, if enabled). Refer to the following flow chart for an overview of the upgrade/information section distribution.

![Flow Chart](chart.png)

**Admin Client upgraded from version 1.4.5 to version 1.5.x**

Access the Admin Client Portal display. All existing information sections will now be listed under the default Information Root folder (entitled “Information”).

**Note:** For example, if 16 information sections were configured in Admin Client version 1.4.5, all 16 information sections will appear in the Admin Client 1.5.x “Information” folder, even though the standard 1.5.x allowance is up to eight information sections per information root.

**Eight or more information sections in “Information” folder?**

- **Yes**
  - If you do not wish to make changes to the distribution of the information sections or to add additional information sections, no further action is required.
  - Otherwise, to add another information root and/or additional information sections (within the 1.5.x allowance), you must reduce the number of information sections in the “Information” folder to no more than eight.

- **No**
  - Add one additional information root and/or add or recreate information sections and billboard/map pages as described in this document.
  - Use the “Remove Information Section” command described in this document to remove information sections as needed from the “Information” folder.

**Note:** Any images associated with removed information section pages remain in the Admin Client/on the server and may be selected for future billboard/map pages.
If information sections from Admin Client version 1.4.5 have been imported into Admin Client version 1.5.x, note that the Admin Client imports only the first seven (if the Weather section is enabled) or eight information sections and these will be placed under the default Information Root folder in the Admin Client Portal display. Any additional (up to eight) information sections will need to be added or recreated manually in a second Information Root folder in the Admin Client. Refer to the following flow chart for an overview of the import/information section distribution.
## Document Revision History

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>October 2010</td>
<td>Revision A: New document (in conjunction with Admin Client version 1.1.x)</td>
</tr>
<tr>
<td>November 2010</td>
<td>Revision B: Language support (in conjunction with Admin Client version 1.2.x)</td>
</tr>
<tr>
<td>February 2011</td>
<td>Revision C: Billboard Image Administration updates (in conjunction with Admin Client versions 1.2.5 and later)</td>
</tr>
<tr>
<td>May 2011</td>
<td>Revision D: Information Section updates (in conjunction with Admin Client version 1.3.x)</td>
</tr>
<tr>
<td>November 2011</td>
<td>Revision E: Admin Client version update (1.4.x)</td>
</tr>
<tr>
<td>July 2013</td>
<td>Revision F: Portal updates (in conjunction with Admin Client version 1.5.x)</td>
</tr>
</tbody>
</table>

Product documentation is available online at: [www.LGsolutions.com](http://www.LGsolutions.com).

## Notes
The following GPL executables and LGPL libraries used in this product are subject to the GPL Version 2.0/LGPL Version 2.1 License Agreements:

**GPL EXECUTABLES:** Linux kernel 2.6.33, LTIB 10.1.1, bash-2.05b, busybox-1.1.3, e2fsprogs-1.34, ethtool-3, gawk-3.1.3, lrzsz_0.12.21, lzo-2.03, mtd-utils-1.2.0, net-tools-1.60, ntpclient_2003_194, openvpn-2.1.1, p1utils-2.1.11, ppp-2.4.1, procps-3.1.11, screen-4.0.2-1, skell-1.13, time-1.7

**LGPL LIBRARIES:** eglibc 2.8, libelf-0.8.5, termcap-2.0.8

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