Pathways SM Classroom Media Controller / Digital Signage Users Guide

SAFARI Montage

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Pathways SM Classroom Media Controller / Digital Signage - Administrator

Overview
The Pathways SM Classroom Media Controller (CMC)/Digital Signage (Kiosk) unit is an endpoint device that can be used for displaying continuous playback of local or external media to a display device. When configured as Digital Signage, the unit is capable of managing up to four (4) simultaneous media assets on a single display device. The unit supports H.264 file formats and streams from the SAFARI Montage Digital Encoders.

Current View
Overview
The Current View area is the default landing of the CMC / Digital Signage when accessing the web UI. Administrators can view a snapshot of what's currently being played, control the unit playback or view the output via a remote view (CMC mode only).
To access the Current View area, click on **Current View** from the left-hand navigation.

**Current View Elements**

Choose one of the following elements to learn more.

- **Start / Stop**
- **Control CMC** (CMC only)
- **Play** (CMC only)
- **Full Screen Playback** (Digital Signage only)

**Start / Stop**

Clicking the **Start** ( ) button will begin playback of the playlist, starting with the first playlist item.

Clicking the **Stop** ( ) button will stop the playback of the playlist.

**Control CMC**

Clicking the **Control CMC** ( ) button opens a remote view of what is playing from the CMC.

**Play**

Clicking on the **Play** ( ) icon will start playing the selected media asset item.

**Full Screen Playback**

Clicking on a media asset number ( ) will play the media asset full screen on the display device. The duration of this full screen playback is based on the settings made under **Settings > Display Video Timeout**.
Local Files

Overview

The Local Files area is where administrators will have the ability to upload and manage media assets for future use. These assets are stored locally and can be added to a playlist at anytime.

Local Files

To access the Local Files area, click on Local Files from the left-hand navigation.

Local Files Elements

Choose one of the following elements to learn more.

- **Delete**
- **Upload File**

Delete

Clicking the Delete ( ) icon removes media assets from the Local Files area.

Upload File

Clicking the Upload File ( ) button allows administrators to add media assets to the Local Files area.
Playlist

Overview

The Playlist area is where administrators will have the ability to create and manage CMC/Digital Signage playlists.

playlist

To access the Playlist area, click on Playlist from the left-hand navigation.

Playlist Elements

Choose one of the following elements to learn more.

- New Playlist
- Old Playlist
- Playlist Actions

New Playlist

Clicking the New Playlist link allows Administrators to create new playlists. To create new playlists, perform the following:

1. Click on the New Playlist link to access the Playlist Settings screen.
New Playlist Settings

2. Enable/Disable the playlist by checking/unchecking the Active checkbox.
3. Enter a name for the playlist in the Playlist Name field.
4. Select the layout for the playlist from the Display Layout drop down. Available layouts are as follows:
   - 1-Display (CMC)
   - 4-Display (Kiosk): Equal size video
   - 4-Display (Kiosk): Large Video Top
   - 4-Display (Kiosk): Large Video Left

   Note: The unit will reboot when switching between 1-Display mode and 4-Display mode.

5. Enable and select a specific date range and playback frequency if required.
6. Enable and select a specific time range for the playlist to run if required.
7. Click on the Save button and continue to adding the items to display.
8. Enter a name for the item to be displayed, select the item to display from the drop down and click on the Add button.
9. Use one of the three methods below when adding media assets to the playlist.

- Selecting **Upload New Local File** allows the administrator to upload a media asset to the playlist. The uploaded file will be stored in the **Local Files** area for future use.
- Selecting **New URL** allows the administrator to add a streaming media asset to the playlist.
o Select a file already uploaded to as a Local File from the drop down list.

10. Click on the **Save** button to save the playlist. Click on **Playlists** from the left-hand navigation to return to the Playlist area to see the newly created playlist listed.

**Old Playlist**

Clicking to the **Old Playlist** link allows Administrator to re-purpose previously used Playlists. Clicking on the **Action** drop down provides the ability to edit or delete the old playlists.

**Playlist Actions**

Clicking on the **Action** drop down gives the administrator the ability to edit or delete playlists.

- **Edit**
- **Delete**

**Edit**

Selecting **Edit** will access the details of the playlist. When finished making edits, click on the **Save** button.

**Delete**

Selecting **Delete** removes the playlist.

**Reboot/Shutdown**

**Overview**

Selecting **Reboot/Shutdown** from the left-navigation gives Administration control over the CMC's run status.

Reboot, shut down or reset to factory defaults.

<table>
<thead>
<tr>
<th>Reset Graphics</th>
<th>Reboot</th>
<th>Shut Down</th>
<th>Cancel</th>
</tr>
</thead>
</table>

**Reboot / Shutdown Control**

To access the controls for rebooting or shutting down the CMC, click on **Reboot/Shutdown** from the left-hand navigation.

**Reboot/Shutdown Elements**

- **Reset Graphics**: Re-initiates the graphics controller
- **Reboot**: Reboots (restarts) the CMC
- **Shut Down**: Shuts down (powers off) the CMC
- **Cancel**: Returns to Playlist screen
**Ticker**

**Overview**

Selecting **Ticker** from the left-navigation gives Administration the ability to input, start and stop Ticker Text (scrolling). When started, the Ticker will appear at the bottom of the CMC's output.

![Set Ticker Display](image)

**Ticker Text Control**

To access the controls for entering, starting and stopping Ticker Text, click on **Ticker** from the left-hand navigation.

**Ticker Elements**

- **START**
  
  Starts the Ticker Text

- **STOP**
  
  Stops the Ticker Text

- **Save**
  
  Saves the entered Ticker Text for future use

- **Cancel**
  
  Returns to Playlist screen
Settings

Overview
In the Settings section, Administrators have volume control, edit network setting, configure the serial port, associate a SAFARI Montage server or change the date and time.

All of the settings are managed and controlled by the System Administrator and are addressed below:

Settings Elements
- Audio Volume
- Default Kiosk RSS Feed
- Display Numbering
- Display Video Timeout
- Network
- Password
- Serial Port
- SAFARI Montage Server
- Time/Date

Audio Volume
Clicking on Audio Volume allows administrators to adjust the volume coming out of the CMC audio port.

Adjust audio volume to the desired level
0% 100%

Default Kiosk RSS Feed
Clicking on Default Kiosk RSS Feed allows administrators to set a RSS feed that will always run when no RSS feed has been set in a playlist.

Set Kiosk RSS Feed
RSS:
HTML:

To display an RSS feed that is not an HTML page, use RSS.
To display an HTML formatted page that is not an RSS feed, use HTML.
Leave both entries blank for no display.
Default HTML: http://localhost/resources/feedsample.html

Save Cancel
**Display Numbering**

Clicking on **Display Numbering** allows administrators to set how the numbering of the four video quadrants will appear when viewing.

![Set Video Number Display](image)

**Display Video Timeout**

Clicking on **Display Video Timeout** allows administrators to change the behavior of a video selected for full screen playback.

![Set Video Selection Behavior](image)
Network

Clicking on **Network** allows administrators enter and edit network configuration settings. The CMC will require a reboot for the setting to be applied.

<table>
<thead>
<tr>
<th>Network Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong></td>
</tr>
<tr>
<td><strong>Hostname:</strong></td>
</tr>
<tr>
<td><strong>Interface Name:</strong></td>
</tr>
<tr>
<td><strong>MAC Address:</strong></td>
</tr>
<tr>
<td><strong>Status:</strong></td>
</tr>
<tr>
<td><strong>Speed:</strong></td>
</tr>
<tr>
<td><strong>Duplex:</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Network Settings</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong></td>
</tr>
<tr>
<td><strong>Override Hostname:</strong></td>
</tr>
<tr>
<td><strong>Hostname:</strong></td>
</tr>
<tr>
<td><strong>Web Proxy (if required):</strong></td>
</tr>
<tr>
<td><strong>SMTP Server (if required):</strong></td>
</tr>
<tr>
<td><strong>DHCP:</strong></td>
</tr>
<tr>
<td><strong>IP Address:</strong></td>
</tr>
<tr>
<td><strong>Netmask:</strong></td>
</tr>
<tr>
<td><strong>Gateway:</strong></td>
</tr>
<tr>
<td><strong>DNS 1:</strong></td>
</tr>
<tr>
<td><strong>DNS 2:</strong></td>
</tr>
</tbody>
</table>

Changing the settings on this page will require a restart. During the restart, the SAFARI Montage CMC will not be accessible for up to 10 minutes.
**Password**

Clicking on **Password** allows administrators to set a password to prevent unauthorized modifications of the CMC.

A password may be set here to prevent the unauthorized modification of the SAFARI Montage CMC configuration. If you set it to be blank, no password will be required.

New Password: 

Confirm New Password: 

If the password becomes lost, please refer to SAFARI for help ‘un-locking’ the unit.

**Serial Port**

Clicking on **Serial Port** allows administrators to configure the serial port for communications with attached devices that can be controlled via Pathways SM.

![Serial Port Configuration Table](image_url)
SAFARI Montage Server
Clicking on SAFARI Montage Server allows administrators to associate a SAFARI Montage server with the CMC for use within Pathways SM. Choose a SAFARI Montage server from the list provided or enter the address (IP or FQDN) of the SAFARI Montage server and click on the Set button.
**Time/Date**

Clicking on **Time/Date** allows administrators to change the CMC's time and date.

---

**Tue May 25 13:26:17 EDT 2010**

Warning! If you change the system time, the system may require re-activation of the content packages.

Changing the time zone will require a restart of the SAFARI Montage CMC.

**Time Zone:** NONE

**Time Server:** us.pool.ntp.org

If your SAFARI Montage CMC machine has access to the Internet, you can use an Internet time server to set your date and time. Example: ntp.nas.gov

**System Time:** yyyy/mm/dd hh:mm

*Example: 201005251326*

- **yyyy** - The 4 digit year (2010)
- **mm** - The 2 digit month (05)
- **dd** - The 2 digit day (25)
- **hh** - The 24 hour format (13)
- **mm** - The 2 digit minute (26)

---

[Set] [Cancel]