

Pathways SM™ Classroom Media Controller User Guide



[SAFARI Montage](#)

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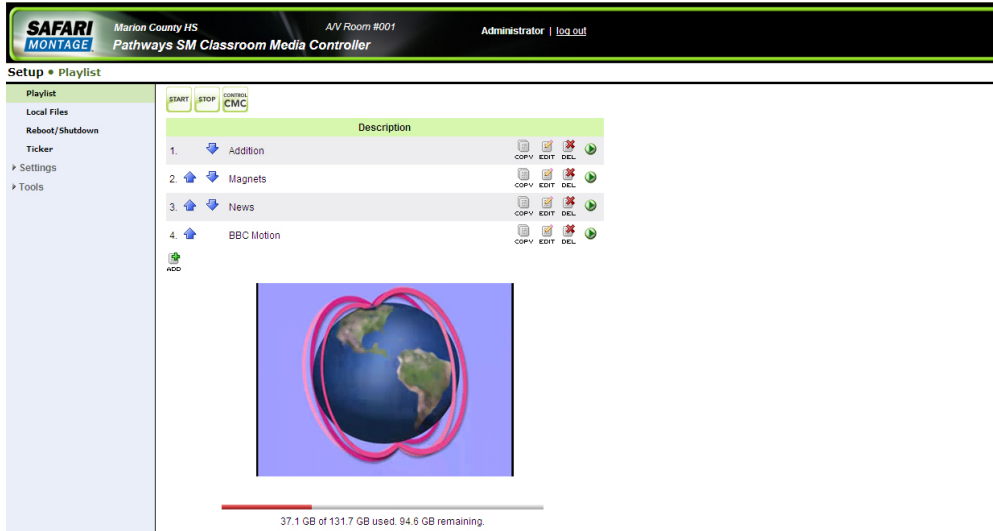
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Classroom Media Controller

Pathways SM Classroom Media Controller - Administrator Help

Overview

The Pathways SM Classroom Media Controller (CMC) is a standalone, in-line device used for displaying continuous playback of local or external media through a projector or other display type. The controller supports all forms of H.264 streaming content.



CMC Landing

All of the configurable elements are created, managed and controlled by the System Administrator and are addressed in the following sections:

Pathways SM Classroom Media Controller Elements

Choose one of the following elements to learn more.

- [Playlist](#)
- [Local Files](#)
- [Reboot / Shutdown](#)
- [Ticker](#)
- [Settings](#)

Playlist

Playlist

Overview

The Playlist area is where administrators will have the ability to add, manage and play media files. In addition, they will be able to start and stop playback and view the output via a remote view.

START STOP CONTROL CMC

Description		
1.	↓ Addition	COPY EDIT DEL
2.	↑ ↓ Magnets	COPY EDIT DEL
3.	↑ ↓ News	COPY EDIT DEL
4.	↑ BBC Motion	COPY EDIT DEL

ADD



37.1 GB of 131.7 GB used. 94.6 GB remaining.

CMC 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.

- [Add](#)
- [Reorder](#)
- [Copy](#)
- [Edit](#)
- [Delete](#)
- [Play](#)
- [Start / Stop](#)
- [Control CMC](#)

Add

The Add function allows administrators to add local or URL addressed media to the CMC playlist. To add media to the playlist, perform the following:

1. Click on the **Add** () icon to access the **Playlist Item Media** screen.

Playlist Item Media

Description:

Media URL:

Local files can be accessed by entering a url with the form `http://localhost/resources/<filename>` above.



Media File:

Click below to choose the file on your computer that you want to upload.
Note - only H.264 encoded video is permitted.


Playlist Item Media

2. Input a description of the media file being added in the **Description** field
3. Select a method for adding the media from one of the following ways:
 - **Media URL** - Input the URL for the media being added in the **Media URL** field
 Media files stored on the controller can be used as playlist sources. To access these files for use in the playlist, use the following syntax in the **Media URL** field:
 - `http://localhost/resources/<filename>`
 - **Media File** - Click on the Upload File button to locate a media file stored elsewhere and uploaded it to the controller.
4. Click on the **Save** button.
Note: Using the Media File Upload function will return the user to the playlist screen after the file upload is complete.

Reorder


The Reorder function allows administrators to reorder the playback of the media files in the playlist. To reorder the playlist, click on the **Up / Down** ( / ) arrows to the left of the playlist entry.

Copy


Clicking on the **Copy** () icon will generate a copy of the playlist entry and place it as the last entry in the playlist.

Note: When copying playlist entries, all properties associated with the original entry will be carried over to the copied entry.


Edit

Clicking on the **Edit** () icon will access the Playlist Item Media screen where the Description and Media URL can be changed.


Delete


Clicking on the **Delete** () icon removes an item from the playlist.

Play


Clicking on the **Play** () icon will start playing the playlist item.

Start / Stop

Clicking the **Start** () button will begin playback of the playlist from 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.

Local Files

Local Files

Overview

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

File Name	Size	
SchlessingerPromo2006.m4v	94.2 MB	 
addition.m4v	177.10 MB	 
magnets.m4v	182.6 MB	 
news.mov	10.4 MB	 
football.wmv	103.6 MB	 
bbcmotion_720p.mov	195.8 MB	 
Hairston_v3-_highlights.wmv	41.5 MB	 
Destiny_Integration_MOV.mov	10.9 MB	 
Plano-Hewitt-2min30sec-b.mp4	57.6 MB	 
SchoolNewsKiosk-desktop.m4v	4.5 MB	 

37.9 GB of 131.7 GB used. 93.8 GB remaining.

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.

- [Add](#)
- [Delete](#)
- [Upload File](#)

Add

Clicking the **Add** () icon allows administrators to add locally stored media to the playlist.

Delete

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

Upload File

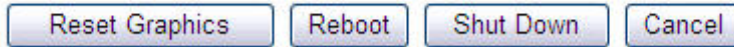
Clicking the **Upload File** () button allows administrators to add media files to the Local Files area.

Reboot/Shutdown

Overview

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

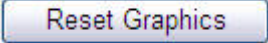
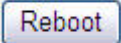
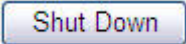
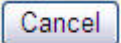
Reboot, shut down or reset to factory defaults.



Reboot / Shutdown Control

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

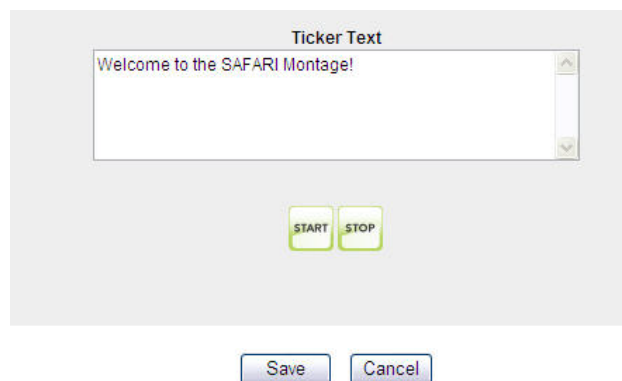
Reboot/Shutdown Elements

	Reinitiates the graphics controller
	Reboots (restarts) the CMC
	Shuts down (powers off) the CMC
	Returns to Playlist screen

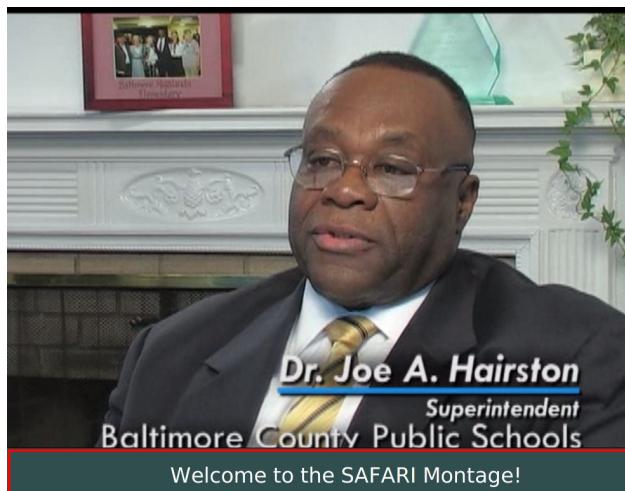
Ticker

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.



Ticker Text Control



Ticker Text Example

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

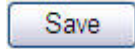
Ticker Elements



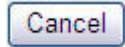
Starts the Ticker Text



Stops the Ticker Text



Saves the entered Ticker Text for future use



Returns to Playlist screen

CMC Settings

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.

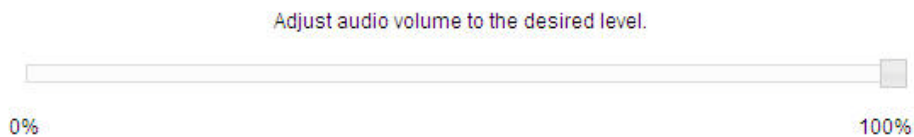
All of the settings are managed and controlled by the System Administrator and are addressed below:

Settings Elements

- [Audio Volume](#)
- [Kiosk/CMC Switch](#)
- [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.



Kiosk/CMC Switch

Clicking on **Kiosk/CMC Switch** allows administrators to set the Controller in Kiosk mode. See the associated Help for the Kiosk Controller for more details.

Set Kiosk/CMC Mode

Set the unit mode to Kiosk. This mode will display up to 4 videos at once, and allow selection using a keypad.

Set the unit mode to CMC. This mode will always display video and documents full screen with sound.

Changing the settings on this page will require a restart.
During the restart, the SAFARI Montage CMC will not be accessible for a few minutes.

Network

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

Network Information	
Description:	Kiosk 001
Hostname:	SVN001cc0d0d53a.local
Interface Name:	re0
MAC Address:	00:1c:c0:d0:d5:3a
Status:	link up
Speed:	1000baseTX
Duplex:	full-duplex

Network Settings	
Description:	<input type="text" value="Kiosk 001"/>
Override Hostname:	<input checked="" type="checkbox"/> Communications between servers will use IP address only.
DHCP:	<input type="checkbox"/>
Hostname:	<input type="text" value="SVN001cc0d0d53a.local"/>
IP Address:	<input type="text" value="172.20.180.100"/>
Netmask:	<input type="text" value="255.255.255.0"/>
Gateway:	<input type="text" value="172.20.180.1"/>
DNS 1:	<input type="text" value="172.20.1.55"/>
DNS 2:	<input type="text" value="172.20.1.44"/>
Web Proxy (if required):	<input type="text"/>
SMTP Server (if required):	<input type="text" value="127.0.0.1"/>

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:	<input type="text"/>
Confirm New Password:	<input type="text"/>

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	
Baud Rate:	<input type="text" value="115200"/>
Data bits:	<input type="text" value="8"/>
Parity:	<input type="text" value="None"/>
Stop bits:	<input type="text" value="1"/>
Flow Control:	<input type="text" value="None"/>

SAFARI Montage Server

Clicking on **SAFARI Montage Server** allows administrators to associate a SAFARI Montage server with the CMC for use within Pathways SM. To make an association, enter the IP address of the SAFARI Montage server and click on the **Set** button.

SAFARI Montage Server:	<input type="text"/>
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Changing the setting on this page will require a restart.

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:

Time Server:

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.nasa.gov

System Time: **YYYYMMDDhhmm**

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)

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