

Pathways SM Classroom Media Controller / Digital Signage Users Guide



[SAFARI Montage](#)

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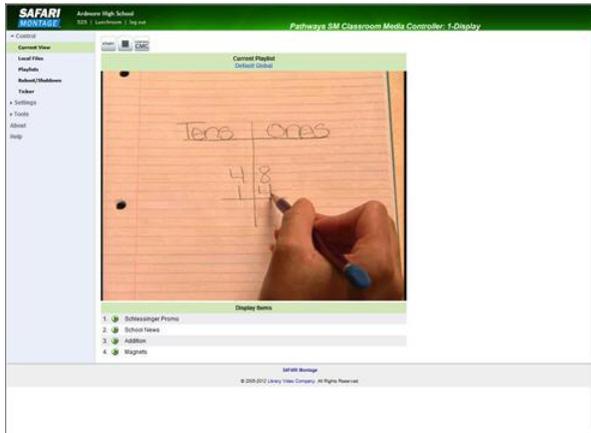
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Pathways SM Classroom Media Controller / Digital Signage - Administrator

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.



CMC Landing



Digital Signage (Kiosk) Landing

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

Classroom Media Controller / Digital Signage Control Elements

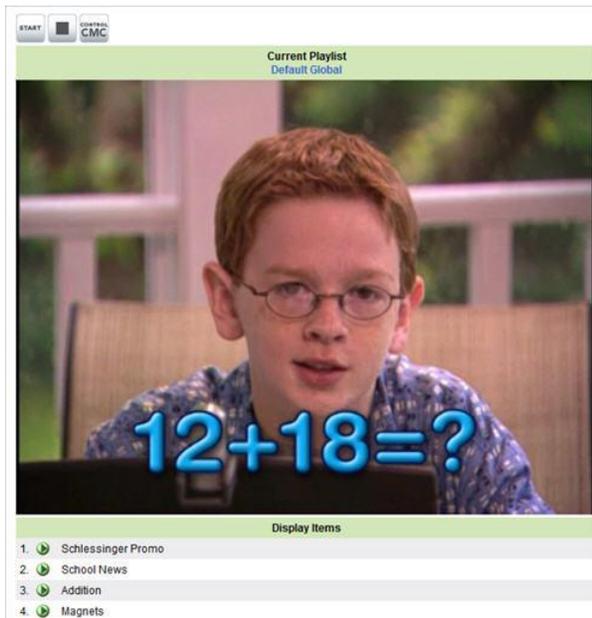
Choose one of the following elements to learn more.

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

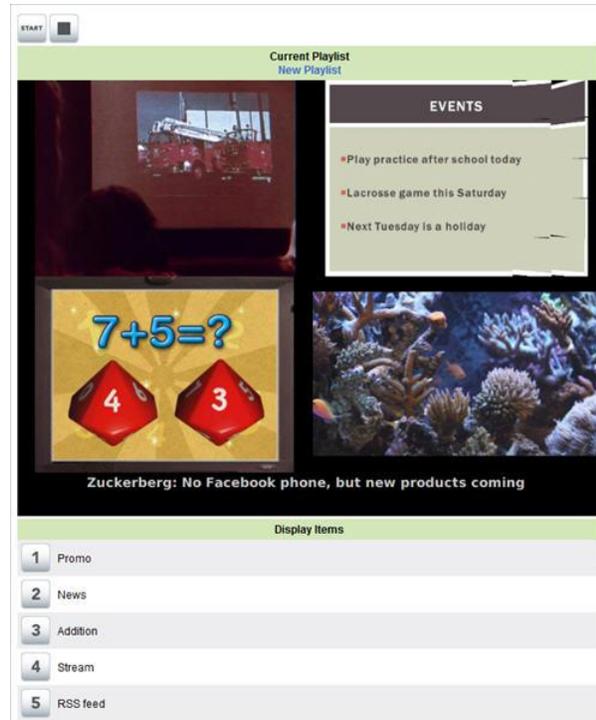
Current View

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).



CMC Current View



Digital Signage Current View

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.

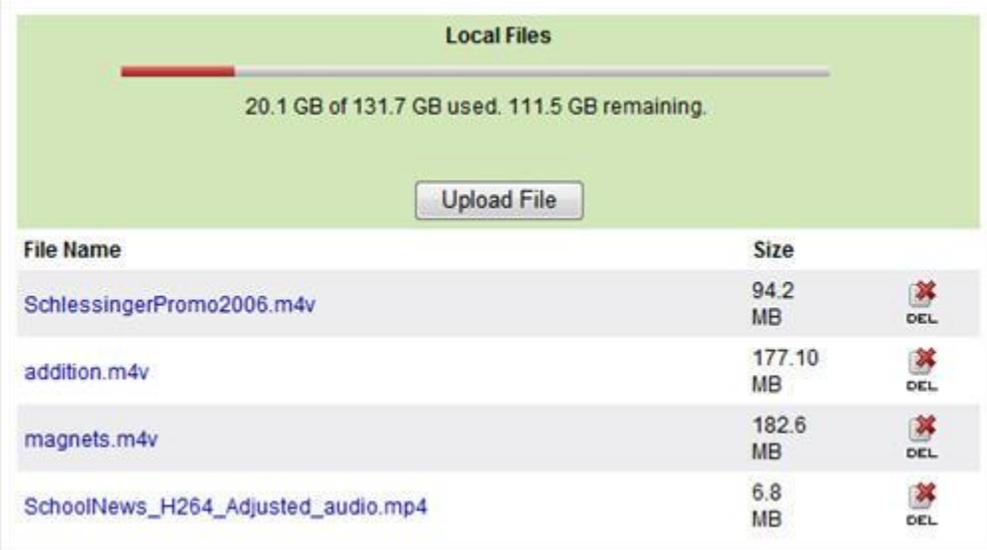
Full Screen Playback

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.



The screenshot shows the 'Local Files' interface. At the top, there is a green header with the title 'Local Files' and a progress bar indicating '20.1 GB of 131.7 GB used. 111.5 GB remaining.' Below the header is an 'Upload File' button. The main area contains a table with the following data:

File Name	Size	
SchlessingerPromo2006.m4v	94.2 MB	 DEL
addition.m4v	177.10 MB	 DEL
magnets.m4v	182.6 MB	 DEL
SchoolNews_H264_Adjusted_audio.mp4	6.8 MB	 DEL

Local Files

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

Local Files Elements

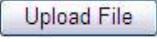
Choose one of the following elements to learn more.

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

Delete

Clicking the **Delete** ( DEL) 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.

Jump to... ▾

Previous

Aug 27 (5)	Aug 28 (5)	Aug 29 (5)	Aug 30 (5)	Aug 31 (5)	Sep 1 (5)	Sep 2 (5)
Sep 3 (5)	Sep 4 (5)	Sep 5 (5)	Sep 6 (5)	Sep 7 (5)	Sep 8 (5)	Sep 9 (5)
Monday Sep 10 (5)	Tuesday Sep 11 (5)	Wednesday Sep 12 (5)	Thursday Sep 13 (5)	Friday Sep 14 (5)	Saturday Sep 15 (5)	Sunday Sep 16 (5)
Sep 17 (5)	Sep 18 (5)	Sep 19 (5)	Sep 20 (5)	Sep 21 (5)	Sep 22 (5)	Sep 23 (5)
Sep 24 (5)	Sep 25 (5)	Sep 26 (5)	Sep 27 (5)	Sep 28 (5)	Sep 29 (5)	Sep 30 (5)

Next

[New Playlist](#) | [Old Playlists](#)

Playlists				
Wednesday Sep 12, 2012				
Name	Type	Time	Repeat	
Default Global	1-Display	Default Global	daily	Action... ▾
Equal	4-Display: Equal	1:00 pm to 1:30 pm	daily	Action... ▾
Large Top	4-Display: Top	2:00 pm to 2:30 pm	daily	Action... ▾
Large Left	4-Display: Left	3:00 pm to 3:30 pm	daily	Action... ▾
CMC	1-Display	4:00 pm to 4:30 pm	daily	Action... ▾

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.

New Playlist Display Items

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.

Playlist Stream

- 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

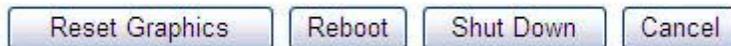
Selecting **Delete** removes the playlist.

Reboot/Shutdown

Overview

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

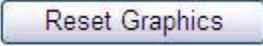
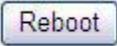
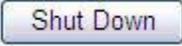
Reboot, shut down or reset to factory defaults.



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

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

Ticker

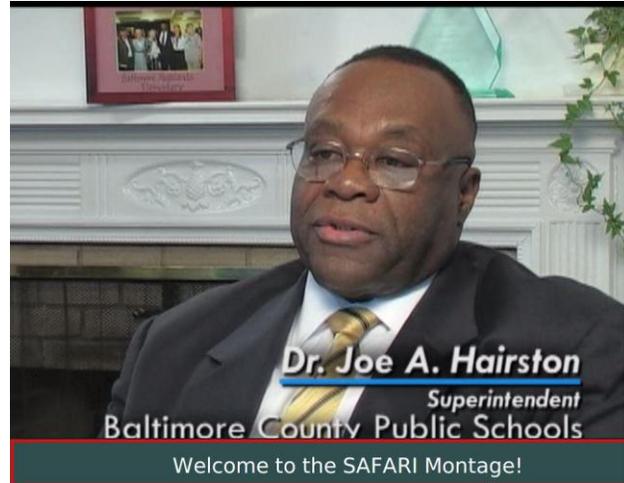
Overview

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.



The screenshot shows a control window titled "Set Ticker Display". It features a text input field containing "Welcome to the SAFARI Montage!". Below the field, instructions specify the date format as "Month/Day/4-Digit Year" and the time format as "Hour:Minute AMPM". An example shows "Today's Date is -date and the current time is -time.". At the bottom, there are "START" and "STOP" buttons, and "Save" and "Cancel" buttons.

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.

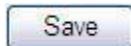
Ticker Elements



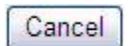
Starts the Ticker Text



Stops the Ticker Text



Saves the entered Ticker Text for future use



Returns to Playlist screen

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.

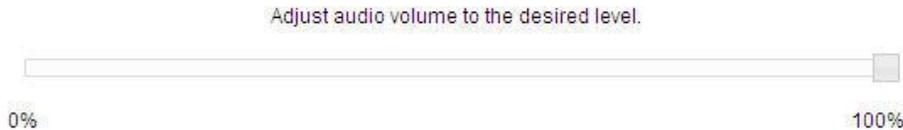
All of the settings are managed and controlled by the System Administrator and are addressed below:

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.



Default Kiosk RSS Feed

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

Set Kiosk RSS Feed

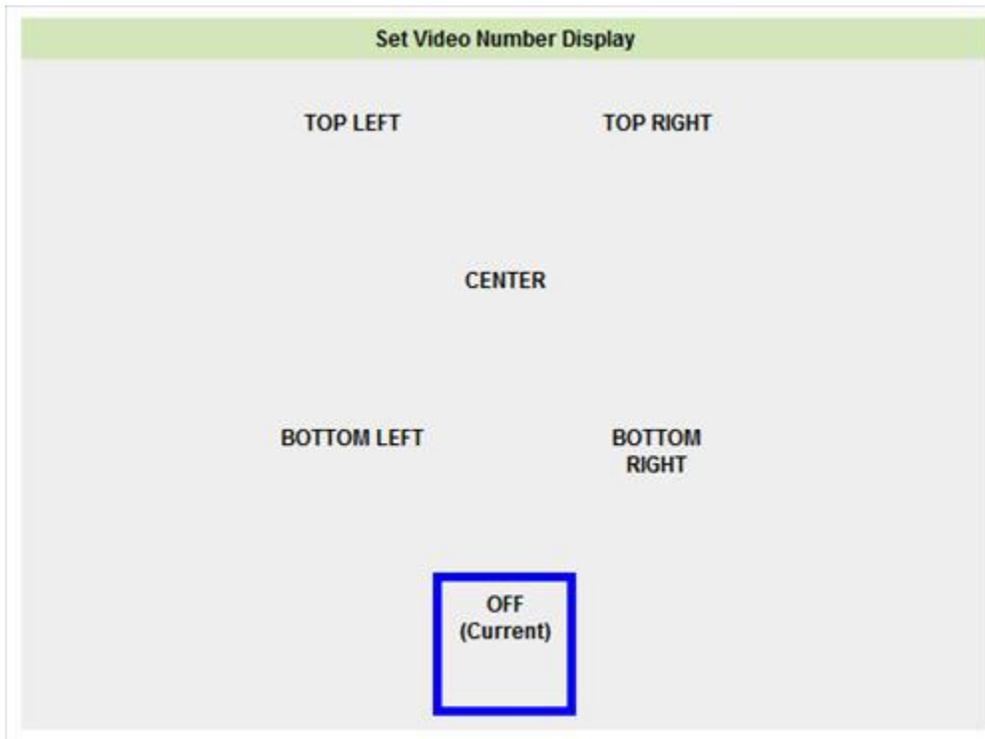
RSS:

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>

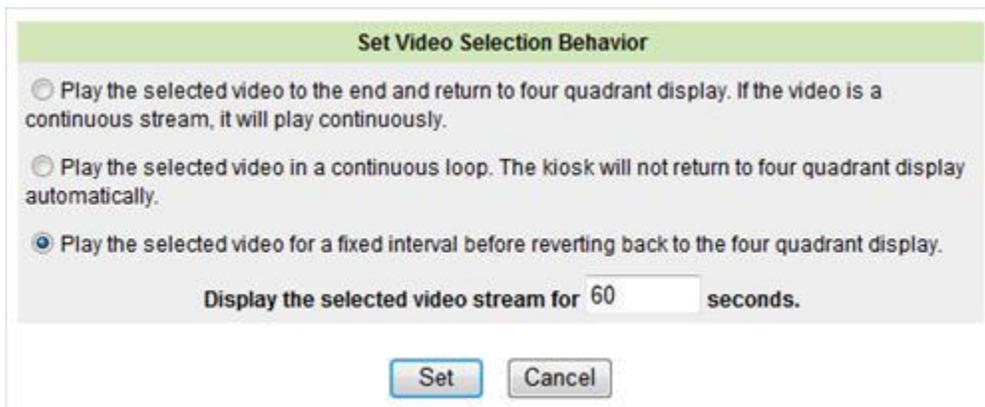
Display Numbering

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



Display Video Timeout

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



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:	525
Hostname:	cmc525.wyn.lvc.com
Interface Name:	re0
MAC Address:	38:60:77:3c:c5:ad
Status:	link up
Speed:	1000baseTX
Duplex:	full-duplex

Network Settings	
Description:	<input type="text" value="525"/>
Override Hostname:	<input type="checkbox"/> Communications between servers will use IP address only.
Hostname:	<input type="text" value="cmc525.wyn.lvc.com"/>
Web Proxy (if required):	<input type="text"/>
SMTP Server (if required):	<input type="text" value="127.0.0.1"/>
DHCP:	<input type="checkbox"/>
IP Address:	<input type="text" value="172.20.50.71"/>
Netmask:	<input type="text" value="255.255.255.0"/>
Gateway:	<input type="text" value="172.20.50.1"/>
DNS 1:	<input type="text" value="172.20.1.55"/>
DNS 2:	<input type="text" value="172.20.1.44"/>

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:

Set

Cancel

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

Serial Port

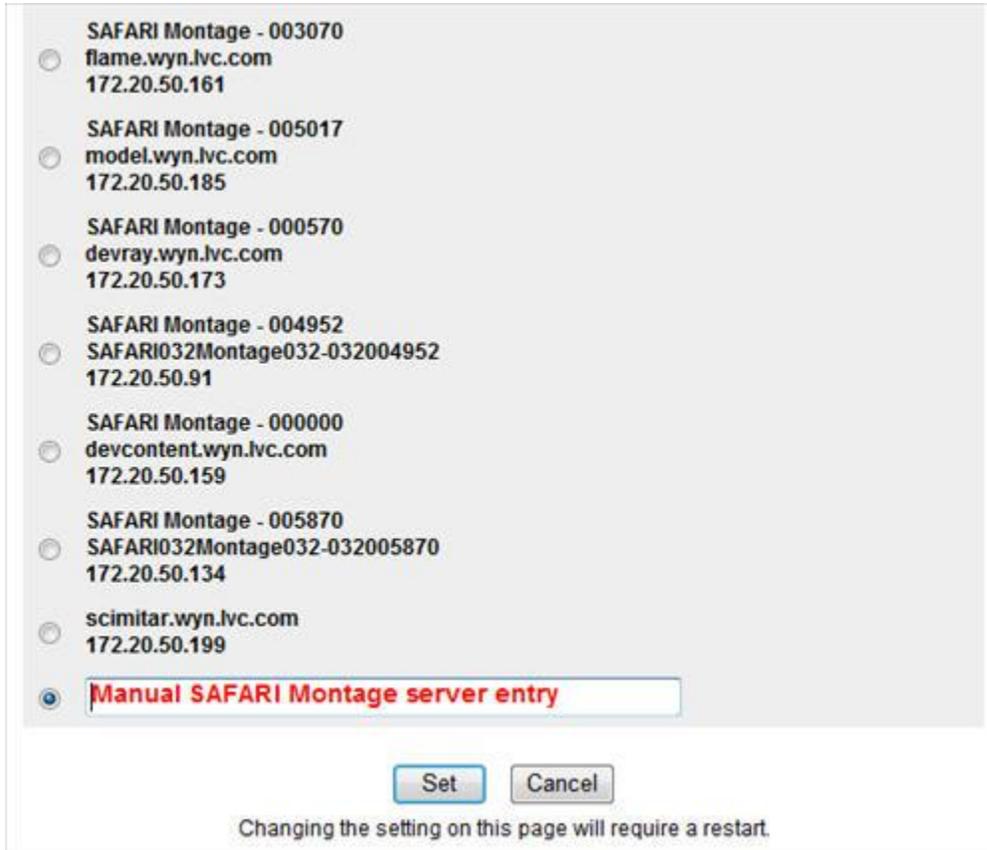
Clicking on **Serial Port** allows administrators to configure the serial port for communications with attached devices that can be controlled via Pathways SM.

Serial Port Configuration	
Serial Port:	cuad0 ▾
Baud Rate:	115200 ▾
Data bits:	8 ▾
Parity:	None ▾
Stop bits:	1 ▾
Flow Control:	None ▾

Set Cancel

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.



SAFARI Montage - 003070
 flame.wyn.lvc.com
172.20.50.161

SAFARI Montage - 005017
 model.wyn.lvc.com
172.20.50.185

SAFARI Montage - 000570
 devray.wyn.lvc.com
172.20.50.173

SAFARI Montage - 004952
 SAFARI032Montage032-032004952
172.20.50.91

SAFARI Montage - 000000
 devcontent.wyn.lvc.com
172.20.50.159

SAFARI Montage - 005870
 SAFARI032Montage032-032005870
172.20.50.134

scimitar.wyn.lvc.com
172.20.50.199

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 thte 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)