



## FUSION VIDEO SERVER - HOW TO: Add a Network Attached Storage Device (NAS)

This document explains how to use a web browser to add a NAS to Fusion's video servers (EPIC Platform).

If you have a pre-EPIC platform (servers shipped before 4/12) you will need to contact Fusion Tech Support at 925.217.1233 for further instructions.

**NOTE:** To add additional storage you will also need to purchase a Fusion Storage License

### **PRELIMINARY STEP: PREPARING YOUR NAS**

A Network Attached Storage device or NAS for short is used to provide storage to devices over a network. The Fusion Media Server can use one or more NAS devices to store videos, but the NAS must be set up correctly for the Fusion Server.

The NAS device must be configured as follows:

The NAS must support the SMB protocol

The NAS must have a static IP address

The NAS must have a user named "Fusion" (without quotes)

The "Fusion" user must have a password of "fusion1" (without quotes)

The NAS must have at least one "share" named "FusionMedia"

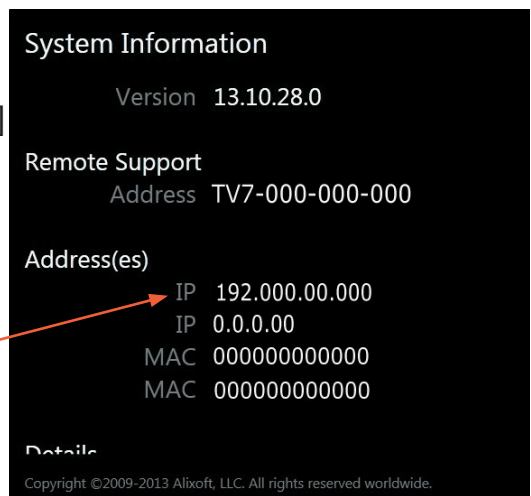
The "Fusion" user must have "FULL" (read/write) access to this share

Please consult your NAS documentation for assistance with configuring your NAS

### **STEP 1: DETERMINE THE IP ADDRESS OF THE FUSION SERVER**

You must first determine the IP address of your Fusion video server, to do this:

- 1.) Press the [Menu] button to open the Main Menu
- 2.) Navigate to the [Setup] option and press the [Enter] button
- 3.) Navigate to [System Information] and press the [Enter] button
- 4.) Note the IP address in the [Address(es)] section



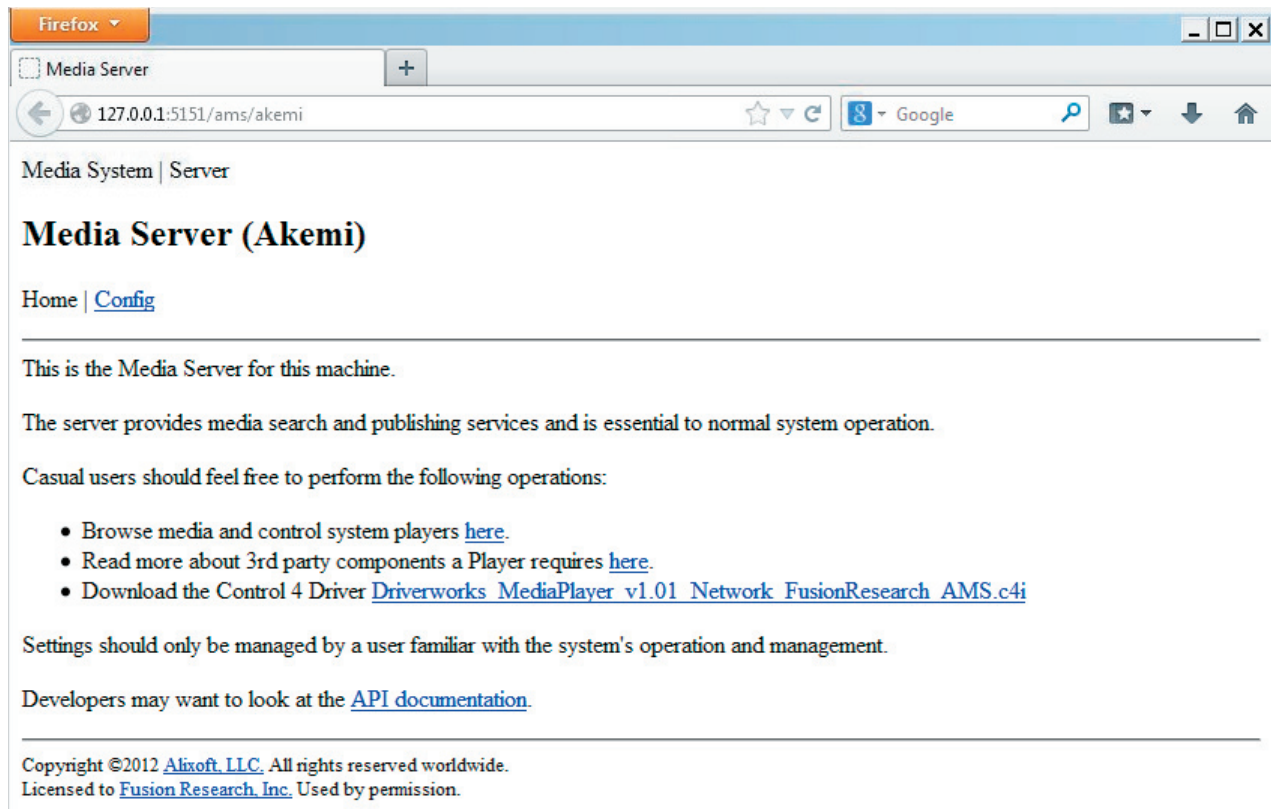
## STEP 2: ENTERING CONFIGURATION

On a PC on the same network as the server, open any web browser. From the browser's address bar enter the Fusion video server's IP address followed by [ :5151].

### Example:

If your server's address is 192.000.0.000 you would enter: <http://192.000.0.000:5151>

This will open the Media Server's main interface page



Click on the [Config] link at the top of the page to enter the server's configuration



## STEP 3: INSPECT STORAGE

Click the [Storage] link in the top menu. This will display a list of storage locations that have been currently added to the Fusion video server.

**NOTE:** This list will contain storage locations that are both internal to the server as well as remote storage locations like NAS devices.

## Media Server (Akemi)

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### Permanent Storage [\(add\)](#)

The server uses "permanent" storage (fixed hard drives and network attached storage (NAS) drives) to store media for presentation and management. Multiple locations can be configured here.

Enabled	Location (& Description)	Write					Read Media	Pwd	Remove
		Audio	Image	Video	Priority	Limit			
Yes	Drive://D:/FusionMedia/ <a href="#">(edit)</a>	Yes	Yes	Yes	10	1%	wav, mp3, flac, wma, aac, ogg, jpeg, gif, bmp, dtd, iso, udf, mp4, mkv, divx, hdnov, wmv, mov, mpeg, avi	No	<input type="checkbox"/>
Yes	SMB://192.168.15.35/FusionMedia/ <a href="#">(edit)</a>	Yes	Yes	Yes	10	1%	wav, mp3, flac, wma, aac, ogg, jpeg, gif, bmp, dtd, iso, udf, mp4, mkv, divx, hdnov, wmv, mov, mpeg, avi	Yes	<input type="checkbox"/>
Authorization		Note: The management password must be provided to apply settings.							

Note: Changing these settings will not take effect until the server is restarted.

**Warning:** Locations of intermittent availability may not be detected. This could allow "phantom media" to appear in the system. Always wait double the monitor interval between starting and stopping network attached storage devices.

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## STEP 4: ADD A LOCATION

Click the [\[add\]](#) link at the top of the page (next to "Permanent Storage"). This will take you to the **Add Storage Location** form where you can specify the NAS location.

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**Permanent Storage** [\(add\)](#)

From Add Storage Location screen you will first need to select [SMB] from the drop down list if it is not already selected, and then specify the network address of the NAS's public share where the video data will be stored.

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### Add Storage Location

#### Add a Location

New Location	SMB <input type="text" value="\\192.168.15.35\FusionMedia"/>
	Please enter a fully qualified local or remote location. SMB Format: <b>\\address\share</b> Example: \\192.168.1.50\FusionMedia
Authorization	●●●●●● Note: The management password must be provided to apply settings.

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## NAS Configuration Should Be As Follows:

Your NAS is set to use IP address 192.xxx.x.xxx (this will be the Static IP you set)

Your NAS has a user as follows:

User Name: **Fusion**

Password: **fusion1**

Your NAS has a share as follows:

Share Name: **FusionMedia**

You will enter: \\192.xxx.x.xxx\FusionMedia

Enter the management password in the [Authorization Box].

The default password is "fusion1" (without quotes). The click the [Add] button. This will take you to the **Edit Storage Location** screen.

<b>Authorization</b>	●●●●●●	Note: The management password must be provided to apply settings.
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Add

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On the Edit Storage Location page, you are able to give the new storage location a description if you would like.

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#### Edit Storage Location

SMB://192.168.15.35/FusionMedia/

Enabled	Location (& Description)	Write					Access		
		Audio	Image	Video	Priority	Limit	Read Media	User	Pwd
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	10	1 %	wav, mp3, flac, mpeg, aac, png, jpg, jpeg, gif, bmp, dvd, iso, udf, mp4, mkv, divx, hdmov, wmv, mov, mpeg, avi	Fusion	●●●●●●

Authorization: ●●●●●● Note: The management password must be provided to apply settings.

Update

It is here under the [Access] section that you will want to make sure to add the User Name and Password of the Share Name that you created on your NAS device.

**DO NOT** alter any of the other settings on this page from their defaults.

Again, enter the [Authorization] password and click the [Update] button.

If the information has been accepted, the area just under the top menu will indicate that the location has been updated and that the change will not take effect until the server is restarted.

Media System | Server

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**Location updated.**

Note: Changes will not take effect until the server is [restarted](#).

Edit Storage Location

SMB://192.168.15.35/FusionMedia/

### STEP 5: RESTART THE SERVER

To restart the server, click the [Restart] menu item. This will take you to the **RESTART** page. Click the [Restart] button to restart the server. You will get a message informing you that a server restart has been requested. Depending on the amount of media and the number of storage locations, the restart process may anywhere from a few seconds up to a few minutes. Please be patient.

Media System | Server

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### Restart

After certain configuration changes, a restart of the server is required. When the server is restarted, all players will lose all media, and not be able to browse or play media until the server completes it's restart process.

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