



# ***Aurora Browse Version 6.5.2 Release Notes and Installation Instructions***

These release notes contain the most recent information and supersede previous publications, as of June 23, 2010. Check the Grass Valley website at [www.grassvalley.com/docs](http://www.grassvalley.com/docs) for an updated version that contains additional important information.

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# Grass Valley Product Support

To get technical assistance, check on the status of a question, or to report a new issues, contact Grass Valley Product Support via e-mail, the Web, or by phone or fax.

## Web Technical Support

To access support information on the Web, visit the product support Web page on the Grass Valley Web site. You can download software or find solutions to problems.

**World Wide Web:** <http://www.grassvalley.com/support/>

**Technical Support E-mail Address:** [gvgtechsupport@grassvalley.com](mailto:gvgtechsupport@grassvalley.com)

## Telephone Support

Use the following information to contact Product Support by phone.

## International Support Centers

Our international support centers are available 24 hours a day, 7 days a week.

Support Center	Toll free	In country
France	+800 80 80 20 20	+33 1 48 25 20 20
United States	+1 800 547 8949	+1 530 478 4148

## Authorized Local Support Representative

A local support representative may be available in your country. To locate a support center during normal local business hours, refer to the following list. This list is regularly updated on the website for Grass Valley Product Support

(<http://www.grassvalley.com/support/contact/phone/>)

After-hours local phone support is also available for warranty and contract customers.

Region	County	Telephone
Asia	China	+86 10 5883 7575
	Hong Kong, Taiwan, Korea, Macau	+852 2531 3058
	Japan	+81 3 6848 5561
	Southeast Asia - Malaysia	+603 7492 3303
	Southeast Asia - Singapore	+65 6379 1769

<b>Region</b>	<b>County</b>	<b>Telephone</b>
	Indian Subcontinent	+91 11 515 282 502; +91 11 515 282 504
Pacific	Australia, New Zealand	+61 1300 721 495
Central America, South America	All	+55 11 5509 3440
North America	North America, Mexico, Caribbean	+1 800 547 8949; +1 530 478 4148
Europe	UK, Ireland, Israel	+44 118 923 0499
	Benelux – Netherlands	+31 (0) 35 62 38 421
	Benelux – Belgium	+32 (0) 2 334 90 30
	France	+800 80 80 20 20; +33 1 48 25 20 20
	Germany, Austria, Eastern Europe	+49 6150 104 444
	Belarus, Russia, Tadzhikistan, Ukraine, Uzbekistan	+7 095 258 09 20; +33 (0) 2 334 90 30
	Nordics (Norway, Sweden, Finland, Denmark, Iceland)	+45 40 47 22 37
	Southern Europe – Italy	+39 02 24 13 16 01; +39 06 87 20 35 42
	Southern Europe – Spain	+34 91 512 03 50
	Middle East, Near East, Africa	Middle East
Near East and Africa		+800 80 80 20 20; +33 1 48 25 20 20

# Release Summary

## What's new in version 6.5.2

This version of software includes several improvements, in addition to correcting some problems that were present in earlier releases.

### Version 6.5.2

- **SiteConfig support** — Network configuration and software deployment across all Aurora products is supported by SiteConfig, Grass Valley's system management tool.
- **Administrator password** – The default administrator account on Aurora devices has credentials as follows:
  - Username: administrator
  - Password: adminGV!

SiteConfig expects these credentials by default.

- **Database configuration change** — The database needs to be configured in simple mode. You no longer need to run transaction log backups. If the database has previously been set to the full recovery model, you must update it to the simple model before upgrading to version 6.5.2. For more information, see the Additional Notes section of the release notes.
- **Dell server change** — Dell 1950 and 2950 servers are gradually being phased out; they are being replaced with Dell 610 and 710 servers.

## Changes and features in previous releases

The following sections describe changes and features in past releases.

### Version 6.5.1.17

- **K2 Summit compatible** – The Aurora suite of software, including Aurora Browse, is compatible with the K2 Summit software.

### Version 6.5.1

- **The MediaFrame Config tool** — the MediaFrame server can now be configured with an application that facilitates the various MediaFrame setup.
- **Aurora Browse client installed locally on client PCs** — The Aurora Browse application is no longer a web-based application. In previous versions, it was installed on the MediaFrame server and served to individual client PCs via HTTP.

In Aurora Browse 6.5.1, it is a Windows executable, like the Aurora Edit LD application, and is installed locally on each client PC.

- **Support for archives** — Aurora Browse is now compatible with version 6 of the SGL FlashNet archive product and version 6 of the DIVA archive product, as well as the Avalon archive, version 3.2
- **Round robin archiving of assets** — Aurora Browse supports a round robin method for distributing transfers requests from a K2, News, M-Series or Profile MDI server to multiple transfer servers.
- **Condor NAS** — Aurora Browse is now compatible with the Condor NAS used with K2 Storage Systems.
- **EDLs** — Aurora Edit is now handling EDLs.
- **Collections** — a virtual folder workspace allows you to create public or private folders so that you and others can contribute references to the assets. Some of the uses for Collections include selecting clips for projects, selecting clips to be archived or restored, and requests for the media manager, all without actually moving or duplicating assets.
- **Transfer Tool now integrated** — In the Aurora Browse Client, you can drag and drop files and monitor transfer progress between devices.
- **Pinnable Windows** — the MediaFrame panels are now pinnable and relocatable so you can customize and resize MediaFrame tools within the application
- **Extended Custom Metadata types** — Custom Metadata now supports fields that are variable- and unlimited-sized text fields, date, pick list, and numbers
- **Enhanced Search** — use filters for flexible and efficient searches. You can now search device metadata and save commonly used searches for private or global use.
- **Expanded results window, with dynamically positioned columns** — you can customize a view using the column picker to show technical, general, or custom metadata when viewing search results.
- **Dynamic Keyword and Keyframe marking** — FeedClip features are now included as standard functions. This includes AutoMark for single button capture of events with preset duration. These automatic calculation features enable easy capture of sports highlights, sound bites, or shots of interest for development of stories from live footage or material in shared storage.

## Older versions

For information about older software versions not listed in these release notes, refer to the release notes for those versions.

# Version compatibility

Versions qualified for compatibility with this release of software are summarized in the following sections.

## Aurora Browse components

The following components make up the Aurora Browse system and are compatible with this release of software as listed in the following table.

Component	Version	Comments
Aurora Browse client	6.5.2.8	Windows XP SP3 Windows Vista Business Edition
MediaFrame server	6.5.2.19	
SQL server	2005 SP3	On the MediaFrame server
Internet Information Services (IIS)	Version 6	On the MediaFrame server. Note: Under Web Service Extensions, make sure ASP.NET is allowed.
Microsoft .Net	3.5 SP1	On the MediaFrame server. Note: install after IIS
Web Services Enhancements	3.0	On the MediaFrame server
Sabretooth (Grass Valley licensing software)	2.6.1.2	On the MediaFrame server
MDI server	Server 2003 SP2 or Server 2000 SP4	Depending on the size of your system, the MDI server might be the same machine as the MediaFrame server. (For legacy systems, News MDI is supported on Server 2000 SP4.)
Aurora Proxy Encoder	6.5.2.12	Formerly referred to as Advanced Encoder
SmartBin Encoder	Server 2003 SP2	
Single-Channel Encoder	Not supported	
Sequential Encoder	Not supported	
Image Support Server	Not supported	
MediaFrame server on Axiom platform	Not supported	

Component	Version	Comments
Router Gateway	Not supported	
NAS on Serial ATA network platform	Not supported	
NAS on Linux Fastora platform	Not supported	

## Compatible Grass Valley products

Grass Valley products are compatible with this release of software as follows:

Product	Version	Comments
Aurora Edit	6.5.2.745	With compatible version of SQL
Aurora Ingest	6.5.2.175	With compatible version of SQL
Aurora Payout	6.5.2.80	With compatible version of SQL
K2	3.3.0.1141 or 7.0.12.1151 or 7.1.9.1223	With compatible version of SNFS
SiteConfig application	1.1.0.433 or higher	—

## Compatible third party products

Products by manufacturers other than Grass Valley are compatible with this release of software as follows:

Product	Version	Comments
DivArchive software	6	
SGL FlashNet software	6.1.22 and 6.1.33	After installing FlashNet MDI you need to make sure that the fnapi.dll in the C:\Program Files\Grass Valley\ManagedDevices\FlashNET directory is the same version as the FlashNet Client software that is in C:\flashnet6\bin. If not copy the file in C:\flashnet6\bin to C:\Program Files\Grass Valley\ManagedDevices\FlashNET.

<b>Product</b>	<b>Version</b>	<b>Comments</b>
Avalon software	3.2	

# Upgrading Aurora Browse and MediaFrame systems

This section contains the tasks necessary for the upgrade to this release of software.

## Upgrading Aurora Browse and MediaFrame devices with SiteConfig

This section contains the tasks for using SiteConfig to upgrade to this release of software. Work through the tasks sequentially to complete the upgrade.

**NOTE:** *These upgrade instructions assume that current software is at version 6.5 or higher. If you have a lower version of software, contact Grass Valley Support before upgrading.*

**⚠ CAUTION:** *If you upgrade and then decide you do not want to stay with this version of software, you must use the recovery disk image process to downgrade to your previous version.*

## About upgrading Aurora Browse and MediaFrame devices with SiteConfig

These upgrade instructions apply to the following devices:

- MediaFrame server
- MDI server
- Aurora Proxy Encoder
- K2 Basecamp Express

With these upgrade instructions, you use SiteConfig from a network connected control point PC and remotely upgrade software simultaneously on your Aurora Browse and MediaFrame devices. This is the recommended process for software upgrades.

Before you upgrade software using SiteConfig, each of your Aurora Browse and MediaFrame devices must be migrated to become a SiteConfig managed device. This includes installing SiteConfig support on the device and qualifying the device for communication with SiteConfig. Refer to *SiteConfig Migration Instructions*. Also refer to the *SiteConfig User Manual* or *SiteConfig Help Topics*.

**NOTE:** *Do not attempt to upgrade software incrementally across the devices of a K2 SAN while media access is underway. Online software upgrading is not supported.*

To upgrade software using SiteConfig, you must first have SiteConfig set up for system management and software deployment in your facility. These upgrade instructions assume that you have already done that for your K2 SAN. Then you add your Aurora Browse and MediaFrame devices to the SiteConfig system description that you are using for your K2 SAN.

The following installation tasks provide information specifically for the upgrade to this version of software. Read the information in these sections carefully before attempting any upgrade to software.

## **Prepare for upgrade**

Before upgrading, do the following:

- Procure the software installation files for this release via the appropriate distribution method, such as download, CD-ROM, network drive, or external drive.
- Start up the devices you are upgrading, if they are not already started.
- Stop all media access on the devices you are upgrading.
- Shut down all applications on the devices you are upgrading.

## **Prepare SiteConfig for software deployment**

Do the following to prepare SiteConfig for the software upgrade.

1. Make the following files accessible to the SiteConfig control point PC:
  - MediaFrameServer software installation (\*.cab) file
  - AuroraProxyEncoder software installation (\*.cab) file
  - GenericISCI software installation (\*.cab) file
  - GVGMLib software installation (\*.cab) file
2. If a newer version of SiteConfig is available for upgrade and you have not yet upgraded SiteConfig, do the following:
  - a) From Windows Add/Remove programs, uninstall the current version of SiteConfig from the control point PC.
  - b) Install the new version of SiteConfig on the control point PC.

## **Upgrade K2 systems**

Prerequisites for this task are as follows:

- If upgrading a K2 SAN, all SAN clients must be offline (all media access stopped) or shut down. Depending on your system design, this could include devices such as K2 clients, K2 appliances, Aurora Proxy (Advanced) Encoders, MDI server, Aurora Edit clients, Aurora Ingest clients, Aurora Payout clients, and generic clients.

Upgrade your K2 systems to the compatible version of K2 system software. This includes K2 SAN systems and stand-alone K2 Media Client and K2 Summit Production Client systems. Refer to *K2 Release Notes* for procedures.

## **Distribute devices into deployment groups**

You can gather devices of different types into a SiteConfig deployment group. This allows you to deploy software to all the devices in the deployment group at the same time, as part of the same deployment session. Based on the roles you have assigned to the devices, SiteConfig deploys the proper software to each device. This increases the efficiency of your software deployment with SiteConfig.

If you have not already done so, configure your deployment groups. The recommended deployment group distribution is as follows. Depending on your system design, your system might not have all the device types listed.

- In a deployment group named "Aurora\_Edit\_Ingest\_Playout", place the following devices:
  - Aurora Edit workstation of any storage options: Shared storage, NAS storage, and stand-alone.
  - Aurora Edit LD computer
  - DSM
  - Conform Server
  - SmartBin Server
  - FTP Server
  - Aurora Ingest workstation
  - IEP
  - Aurora Playout computer
- In a deployment group named "Aurora\_Browse\_MediaFrame", place the following devices:
  - MediaFrame server
  - MDI server
  - Aurora Proxy Encoder
  - K2 Basecamp Express
- If you have a K2 Nearline SAN (NAS), in a deployment group named for the SAN system, place the following devices:
  - The Nearline SAN's K2 Media Servers.

## **Upgrade Aurora Edit, Ingest, and Playout systems**

Prerequisites for this task are as follows:

- K2 systems are upgraded to the compatible version of K2 system software.
- All Aurora Browse and MediaFrame devices are offline (all media access stopped) or shut down.

Upgrade your Aurora Edit, Ingest, and Playout systems to the compatible versions of software. Refer to each Aurora product's release notes for procedures.

## **Upgrade NAS systems**

Prerequisites for this task are as follows:

- K2 systems are upgraded to the compatible version of K2 system software.
- Aurora Edit, Ingest, and Playout systems are upgraded to the compatible versions of software.

Upgrade the MediaFrame Proxy NAS (K2 Nearline SAN) to the compatible version of K2 software. Use SiteConfig and deploy software, using steps similar to those for other systems.

- a) Check software on the Nearline SAN's K2 Media Servers.
- b) Add software \*.cab file to the deployment group that contains the K2 Media Servers.
- c) Upgrade software on K2 Media Servers via a SiteConfig deployment session.

## **Install High Priority Windows updates (recommended)**

- Windows “High Priority” updates are recommended, but not required. While you have devices in an offline state to upgrade software, you should check to see if there are any new updates that you need to install. Use standard Windows procedures.

**⚠ CAUTION:** *Only “High Priority Updates” should be installed. Do not install other Windows or driver updates.*

## **Check all currently installed software**

Prerequisites for this task are as follow:

- The device is assigned in the SiteConfig system description and network connectivity is present.
- SiteConfig is able to log in to the device using the username/password credentials assigned to the device.
- The SiteConfig control point PC does not have a network drive mapped to an administrative share (such as C\$) on a device on which you are checking software.
- If this is the first time deploying software to Aurora devices using SiteConfig, on those Aurora devices previous versions of Aurora software and SiteConfig software, such as the Network Configuration Kit and/or Discovery Agent, have been manually uninstalled. For more information refer to *SiteConfig Migration Instructions*.

Do the following steps on the devices that you are upgrading.

1. In the **Software Deployment | Deployment Groups** tree view, right-click the top-most node for the group or any individual device and select **Check Software**.

**NOTE:** *If you have access problems, verify that the administrator account on the device has credentials as currently configured in SiteConfig. By default credentials on the device should be administrator/adminGV! for Aurora devices and Administrator/adminK2 for K2 devices.*

The Check Software dialog box appears. SiteConfig searches for software on the selected device or devices and gathers information. Progress is reported.

2. When the check is complete for the selected device or devices, close the Check Software dialog box.

An updated list of all currently installed software is displayed in the **Software Deployment | Devices | Installed Software** list view. If software is a SiteConfig managed software package, information is displayed in the Managed Package and Deployment Group columns.

**Related Links**

[About installing SiteConfig](#)

## Add software package to deployment group for Aurora Browse devices

Prerequisites for this task are as follows:

- You can access the software package file from the SiteConfig control point PC.
- The devices to which you are deploying software are in a deployment group.

Use the following procedure to add one or more software package installation files to the deployment group that contains the devices in the following list. Depending on your system design, you might not have all of the device-types listed:

- MediaFrame server
- MDI server
- Aurora Proxy Encoder
- K2 Basecamp Express

For this release of software, identify and add software package installation files as follows:

Software	File name
MediaFrame Server	<i>MediaFrameServer_6.5.2.xxxx.cab</i>
Aurora Proxy Encoder	<i>AuroraProxyEncoder_6.5.2.xxxx.cab</i>

Depending on the K2 software version of your K2 SAN, also add software package installation files as follows:

**NOTE:** *Add files for either 3.x OR 7.x. Do not add files for both 3.x AND 7.x.*

- If your devices access storage on a K2 software version 3.x K2 SAN, add software package installation files as follows:

Software compatible with 3.x K2 SAN	File name
Generic iSCSI client	<i>GenericISCI_x86_3.x.x.cab</i>
GVG MLib software	<i>GVG_MLib_3.x.x.cab</i>

- If your devices access storage on a K2 software version 7.x K2 SAN, add software package installation files as follows:

Software compatible with 7.x K2 SAN	File name
Generic iSCSI client	<i>GenericISCI_x86_7.x.x.cab</i>
GVG MLib software	<i>GVG_MLib_7.x.x.cab</i>

SNFS is bundled with the Generic iSCSI cab file.

1. In the **Software Deployment | Deployment Groups** tree view, select a deployment group.
2. Click the **Add** button.  
The Add Package(s) dialog box opens.
3. Do one of the following to select the software package:
  - Select from the list of packages then click **OK**.
  - Click **Browse**, browse to and select the package, then click **Open**.
4. If one or more EULAs are displayed, accept them to proceed. If you do not accept a EULA, the associated software is not assigned to the deployment group.

SiteConfig adds the package to the deployment group.

The package appears in the Managed Packages list for the selected deployment group. SiteConfig creates new software deployment tasks for the package and displays them in the Tasks list view.

## Setting deployment options

Pre-requisites for this procedure are as follows:

- A software package has been assigned to the deployment group and applicable deployment tasks are now displayed in the Tasks area.
1. In the **Software Deployment | Deployment Groups** tree view, select a deployment group.
  2. In the Tasks list view, view tasks and determine if you must set deployment options. Tasks that need to have deployment options set display in the Details column a message stating "Deployment options required."  
If you select a task that needs to have its deployment options set, the Start Deployment button is disabled and the message is displayed next to the button.

3. Proceed with next steps to set deployment options for the following:

- GVG\_MLib
- MediaFrame Server
- Proxy Encoder

4. Do one of the following to set deployment options:

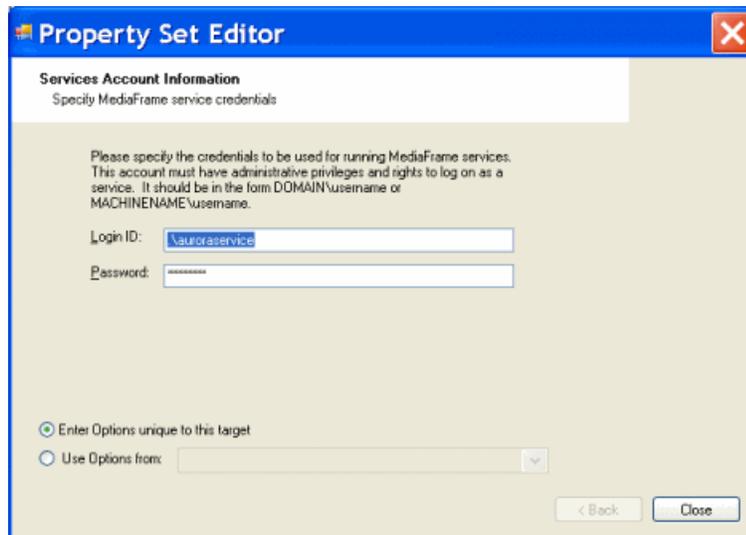
- Double-click the task.
- Select the task and click the **Options** button.

A wizard opens.

5. Work through wizards and set deployment options as follows:

Software	Deployment options
GVG_MLib	Enter the name(s) of the K2 Media Server(s) with role of file system server (FSMs)

MediaFrame  
Server and  
Proxy  
Encoder



Enter the service credentials to be used. You can enter a domain account or a local account in the format domain\accountname or machinename\accountname. In the case of using a local account, it is advisable to enter it as ".\accountname" where the "." means a local account. Entering the local account in this way allows you to use the "Use options from" feature for all other devices of the same type. Once you enter the local account in this way on the first device, it becomes the template from which options for other devices are copied.

6. If you have multiple devices of the same type, you can enter deployment options for one of them using the wizard. Then, when you bring up the same wizard on every device, you can choose the **Use options from** radio button and select the first device for which you set options.

SiteConfig copies the options you set for the first device and fills in the blanks on the wizard.

## Upgrade software on Aurora Browse devices

Prerequisites for this task are as follows:

- The devices that you are upgrading are in a deployment group.
- For the software you are upgrading, you have added a newer version of that managed software package to the deployment group.
- You have recently done the SiteConfig "Check Software" operation on the devices you are upgrading.

When you upgrade software, SiteConfig enforces an uninstall of the current version of software before installing the upgrade version. SiteConfig can do the uninstall/install in a single deployment session. If you are upgrading multiple software components, SiteConfig enforces any dependencies by sequencing deployment tasks. SiteConfig provides uninstall deployment tasks and install deployment tasks to indicate the taskflow.

1. In the **Software Deployment | Deployment Groups** tree view, select the device or the group of devices for which you are upgrading software.

The corresponding software deployment tasks are displayed in the Tasks list view.

2. For the software you are uninstalling, select the **Deploy** check box in the row for the uninstall task.

**NOTE: If you manually uninstalled or installed software, the uninstall task might not appear or it might appear with a different package name.**

3. For the software you are installing, select the **Deploy** check box in the row for the install task.

For upgrading Aurora Browse and MediaFrame devices to this release, deploy the following tasks:

Deploy	Managed Package	Action
✓	MediaFrameServer xxxx.xxxx	Uninstall
✓	MediaFrameServer 6.5.2.xxxx	Install
✓	AuroraProxyEncoder xxxx.xxxx	Uninstall
✓	AuroraProxyEncoder 6.5.2.xxxx	Install
✓	GenericISCI x86 xxxx.xxxx	Uninstall
✓	GenericISCI x86 xxxx.xxxx (version must be compatible with K2 SAN)	Install

Deploy	Managed Package	Action
✓	GVGMLib xxxx.xxxx	Uninstall
✓	GVGMLib xxxx.xxxx (version must be compatible with K2 SAN)	Install

Also, you must upgrade SNFS with this release, so deploy the following tasks at the same time:

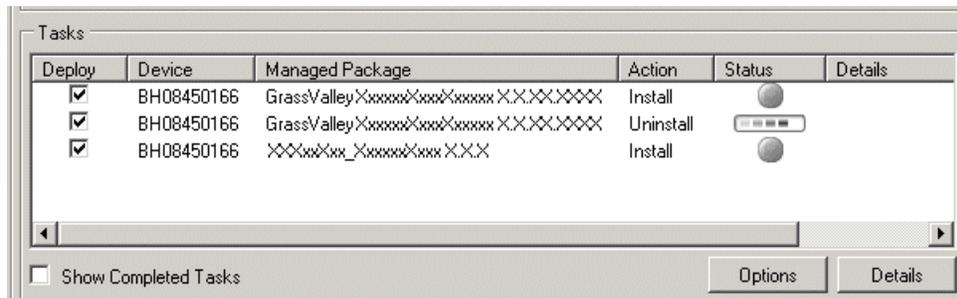
Deploy	Managed Package	Action
✓	SNFS nonK2 xxxxxx	Uninstall
✓	SNFS nonK2 3.1.2.6138	Install

When using SiteConfig for upgrades, the SNFS upgrade is required even if you are already at version 3.1.2.RC25225.6138. The upgrade resets SNFS version information for SiteConfig.

If a message instructs you to upgrade the Discovery Agent, on the control point PC go to the directory to which SiteConfig is installed and in the *Discovery Agent Setup* directory find the *DiscoveryAgent\_x.x.x.x.cab* file. Add it to the deployment group and deploy the Discovery Agent software as well.

**NOTE: If there are dependencies, SiteConfig can enforce that some tasks be deployed together.**

4. Click the **Start Deployment** button.



Deployment tasks run and software is uninstalled. Progress is reported and next steps are indicated in both the Status and Details columns.

5. When the Status or Details columns indicate next steps, proceed as follows:
  - When Details displays a **Restart required** link, click the link and when prompted "...are you sure...", click **Yes**.

The device restarts.

Deployment tasks run and software is installed. Progress is reported and next steps are indicated in both the Status and Details columns.

6. When the Status or Details columns indicate next steps, proceed as follows:
  - When Details displays a **Restart required** link, click the link and when prompted "...are you sure...", click **Yes**.
7. Monitor progress as indicated by both the Status and Details column. When finished, the Status column indicates complete.
8. Restart all MediaFrame devices. This last restart is required, regardless of whether the Details column does or does not display "Restart required".

## **Install Browse client PC application**

The Aurora Browse client application runs on the local PC. If the Aurora Browse client application is already installed, any upgraded software on the MediaFrame server is automatically detected and a message box prompts you to upgrade your Aurora Browse client application. Follow the prompts to upgrade the software. If you do not upgrade software as prompted, the automatic prompt is disabled for future upgrades. To enable the automatic prompt you must re-install the Aurora Browse client application.

Use the following steps to install the Aurora Browse client application.

1. Make sure that the PC has been licensed for the particular user role. See the *Aurora Browse Installation and Configuration Guide* for specific instructions on roles and licensing.
2. Navigate to the location of the Browse installation file on the MediaFrame server. The path is:  
`\\<MediaFrameServerName>\AuroraBrowse\AuroraBrowse.application`
3. Once you have installed the Browse client software, you will need to enter the name of the MediaFrame server.

## **Logging in to the Aurora Browse client PC**

1. To log in to Aurora Browse, select **Programs | Grass Valley Aurora Browse | Aurora Browse**. Aurora Browse will check your settings before the user interface displays.
2. If this is the first time you have accessed Aurora Browse, a dialog box displays asking you for the name of the Aurora Browse server. If you need to change this name later, select *File | Connect to server*.

For information on using the Aurora Browse client application, see the *Aurora Browse User Guide* or the Help menu of the Aurora Browse client application.

# Licensing Grass Valley products

The following sections contain instructions for managing Grass Valley product licenses.

## About software licensing

Licenses are requested through the License Wizard and managed through the SabreTooth License Manager, which is installed on the Grass Valley product with the Grass Valley software. The License Wizard and SabreTooth License Manager must be located on the Grass Valley product.

License information is stored in text files that you can manage just like any other file on your system. Licenses are unique to the system for which they are requested and cannot be used on any other machine. You should back up the license text files to a separate drive or as part of a recovery image.

Licenses are based on your system's unique identifier, which is partially derived from your system's Media Access Control (MAC) address. If you change your system's MAC address by performing operations such as changing the System Processor card, you must obtain a new license based on the new MAC address.

## Requesting a license

Software licenses are unique to the system for which they are purchased. They cannot be used on any other system. This requires that you provide a generated unique ID for the desired system to Grass Valley, which is then used to create your unique license.

1. Log on to the device that you want to license.

You must log in as a Windows administrator with a local account, not a domain account.

2. Open the License Request Wizard.

Find the License Request Wizard shortcut on the Windows desktop.

The License Request Wizard displays.

3. Read the on-screen instructions, then click **Next**.

The Customer dialog box displays.

4. Enter the information requested on this page then click **Next**.

You must provide a valid email address to receive your license file.

The Sales Number dialog box displays.

5. Enter the Sales Order Number in the field then click **Next**.

Typically the Sales Order Number is found on the Software License sheet that you received with your Grass Valley product.

The Summary dialog box displays.

6. Review the License Request information and click **Finish**.

A License Request text file, *License\_Request\_<SalesNumber>.txt*, is generated and saved to the Windows Desktop.

**NOTE:** *If you are requesting licenses for more than one application, be sure to modify the name of the first License Request text file before saving it to your desktop. (In Notepad, use the Save As command.) Otherwise, the second License Request text file will overwrite it.*

7. Do one of the following:
  - Attach this text file to an email.
  - Paste the text directly into an email message.

You might want to keep a copy of the message for your records.

8. Send the email as instructed by the License Request Wizard.

An email will be sent from Grass Valley to the return email address you specified; your SabreTooth software license will be provided as a text file.

9. Save this email in case you ever need to re-image this machine.

Next add the license to the SabreTooth License Manager.

### **If you encounter difficulties when requesting a license**

If you encounter difficulties running the License wizard, try this alternate method:

1. Generate a unique ID of the device where you will install software, as follows:
  - a) Click on the License Manager icon on the Windows Desktop.

The SabreTooth License Manager opens.

- b) Choose **File | Generate Unique Id** the License Manager.
- c) Click **Copy to clipboard** to copy the generated ID, and **OK** to exit.

2. Prepare an email that includes the following information:

- Customer Name
- Customer Email

- Sales Order Number
- Unique ID of the device where you will install software.

3. Send the email to [K2License@grassvalley.com](mailto:K2License@grassvalley.com).

The SabreTooth license number will be emailed to the email address you specified.

## Adding a license

Your software license, *Licenses\_<SalesNumber>.txt*, is provided as a text file. Use the License Manager to add this file to your system and enable the desired feature.

1. Click on the License Manager icon on the Windows Desktop. The SabreTooth License Manager opens.

The SabreTooth License Manager opens.

2. Do one of the following:

- Choose **File | Import License** and navigate to the file location to open the text file.
- Drag and drop the text file onto the License Manager.

You will now see the permanent license in SabreTooth, as well as any other licenses, permanent or temporary, that have been installed on this machine.

Once you have added the permanent license, you can delete the temporary license. If the temporary license is still in SabreTooth you will continue to get temporary license notifications, even with the permanent license installed, unless you delete the temporary license.

You should save the permanent license to a backup system.

## Deleting licenses

Deleting a license disables the feature that it enabled. You might want to delete a temporary license prior to its expiry if you have decided not to purchase the feature. You can delete a temporary license after the permanent license has been installed without disabling the licensed product.

1. Select the license in the SabreTooth License Manager.
2. Use the Delete key on your keyboard or right click with your mouse and select **Delete**.

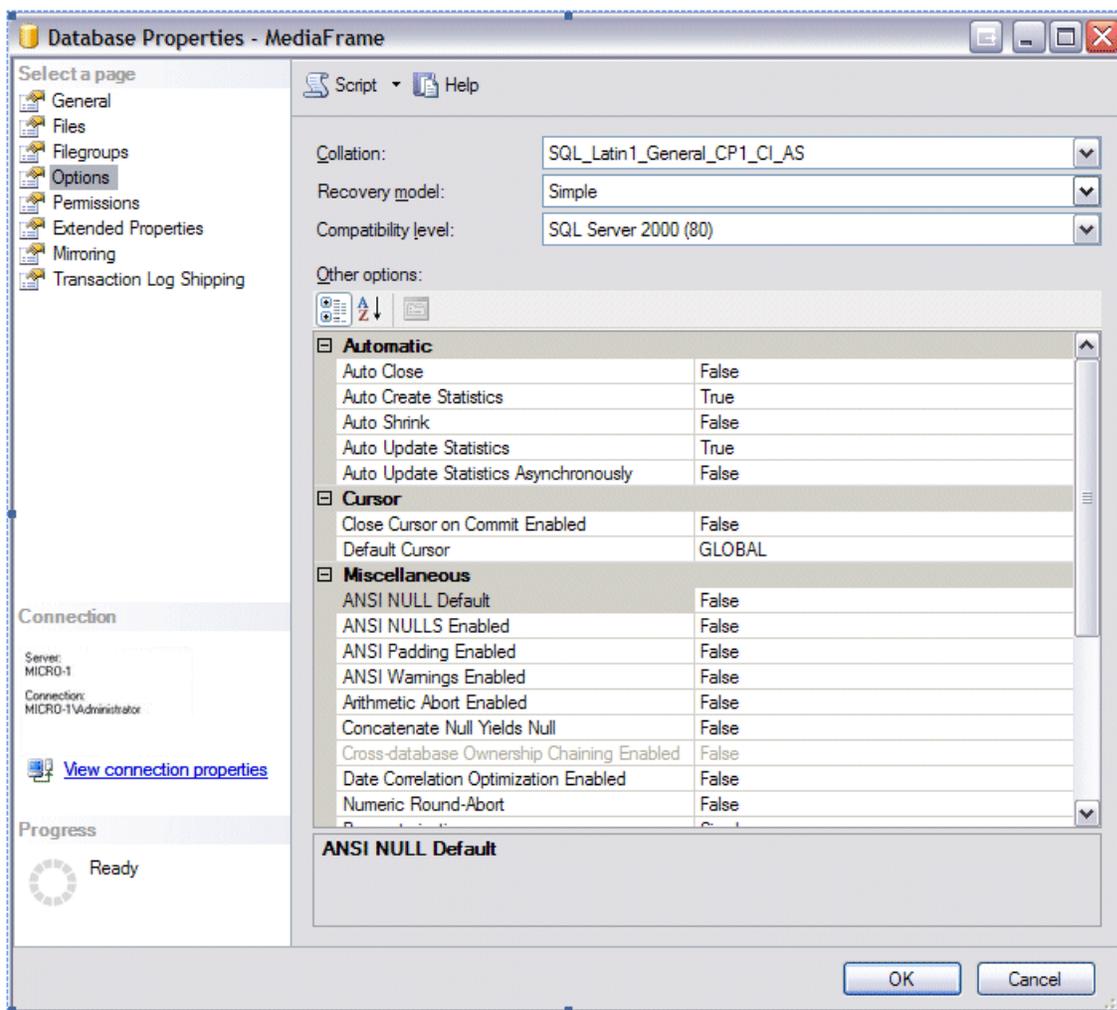
# ***Additional notes***

The following sections contain additional information about this release.

## **Updating the database to the simple model**

As of Aurora Browse 6.5.2, the MediaFrame database needs to be updated to the simple model.

1. On the MediaFrame server, open SQL Server Management Studio.
2. Connect with the administrator credentials.
3. Expand the left-hand tree view to *<machine name>* **Databases | MediaFrame**.
4. Right click on **MediaFrame** and select **Properties**.
5. In the Select a page pane, select the **Options** page.
6. From the Recovery Model drop-down list, select **Simple**.
7. Verify that the rest of the settings match the following screenshot, then click **OK**.



## About SQL Maintenance Plans

With the 6.5.2 release, the database is now in the simple model. For simple model, you won't need the update statistics task or the history cleanup task. Also, you should not create a sub-directory for each database.

## Checking Maintenance Plan Logs

1. From the tree view, open Management.
2. Right-click on Maintenance Plan, select View History.

View History displays the duration and any errors encountered with the current plan.

3. Browse the directory D:\MediaFrame\backup\MediaFrame.

## Performing a Full Backup

1. Right click on maintenance plan and run Maintenance plan wizard.
  - a) Name: MF Full
  - b) Description: Weekly full backup
  - c) Schedule:
    - Recurring
    - Enabled
    - Occurs weekly
    - Occurs every: 1 week on Sunday
    - Occurs once at: 3:35:00 AM \*\*\*
    - No end date
2. Select Maintenance Tasks
  - a) Select:
    - Check Database Integrity
    - Shrink Database
    - Backup database (Full)
    - Maintenance Cleanup tasks
3. Select Maintenance Task Order
  - a) Task order:
    - Check Database Integrity
    - Backup database (Full)
    - Shrink Database
    - Maintenance Cleanup Tasks
4. Define Database Check Integrity Task
  - Databases: MediaFrame
  - Check Include Indexes
5. Task Definitions - Backup Database
  - **NOTE: Do not create a sub-directory for each database.**  
Databases: MediaFrame
  - Backupset will expire: After 14 days

- Create backup file for every database
  - Backup location: D:\MediaFrame\backup
  - Backup file extension: bak
  - Uncheck: verify backup integrity
6. Define Shrink Database Task
    - Databases: MediaFrame
    - NOTE: The following are defaults:***
      - Shrink database when it grows beyond 50 MB
      - Amount of free space to remain after shrink: 10%
      - Return Freed space to operating system
  7. Define Maintenance Cleanup Tasks
    - a) Delete type: Backup files
    - b) File location: Search folder and delete based upon an extension
      - Folder: D:\MediaFrame\backup
      - File extension: bak
      - Include first-level subfolders: checked
  8. File age:
    - Check: Delete files based upon the age of the file at task run time
    - Delete files older than: 2 weeks
  9. Select Report Options
    - Uncheck: Write a report to a file
    - Uncheck: E-mail Report
  10. Complete the wizard.

## **Performing a Differential Backup**

1. Right click on maintenance plan and run Maintenance plan wizard.
  - a) Name: MF Differential
  - b) Description: Daily differential backup
  - c) Schedule:
    - Recurring
    - Enabled
    - Occurs weekly
    - Occurs every: 1 week on Monday, Tuesday, Wednesday, Thursday, Friday, Saturday

- Occurs once at: 3:35:00 AM \*\*\*
  - No end date
2. Select Maintenance Tasks
    - a) Check:
      - Backup database (Differential)
      - Maintenance Cleanup tasks
  3. Select Maintenance Task Order
    - a) Task order:
      - Backup database (Differential)
      - Maintenance Cleanup Tasks
  4. Task Definitions - Backup Database
    - ***NOTE: Do not create a sub-directory for each database.***  
Databases: MediaFrame
    - Backupset will expire: After 14 days
    - Create backup file for every database
    - Backup location: D:\MediaFrame\backup
    - Backup file extension: bak
    - Uncheck: verify backup integrity
  5. Define Maintenance Cleanup Tasks
    - a) Delete type: Backup files
    - b) File location: Search folder and delete based upon an extension
      - Folder: D:\MediaFrame\backup
      - File extension: bak
      - Include first-level subfolders: checked
  6. File age:
    - Check: Delete files based upon the age of the file at task run time
    - Delete files older than: 2 weeks
  7. Select Report Options
    - Uncheck: Write a report to a file
    - Uncheck: E-mail Report
  8. Complete the wizard.

## **Testing the backup**

Database performance can be downgraded while this test is in progress, but the database will remain operational during the test.

Verify that logging is turned off for IIS.

1. Right-click on MF Full or MF Differential plan, as needed.
2. Click Execute.
3. View the logs.

# Operation considerations

The following sections contain additional information about operating your product devices.

## Operating Considerations: Aurora Browse Client

- **Generic FTP and sub-folders** -- You cannot create a new sub-folder with generic FTP. In the Aurora Browse Explorer tab, if you right-click on the generic FTP MDI, you can select the New folder to create a sub-folder. However, creating sub-folders on an archive is not supported in Aurora Browse. As a workaround, create the archive sub-folder on the archive machine itself rather than attempting to create it through Aurora Browse.
- **Tooltip behavior** -- Once a button/control has been clicked/pressed/selected, its tooltip is not shown again. This is due to the way the Microsoft Windows UI was designed.
- **Display setting** -- Aurora Browse needs to be run on machines that have a display setting of 96 DPI.
- **Using "All Offline is true" search filter** -- This filter searches only assets that are offline (in the archive). It does not search assets that are both online and offline.
- **Aurora Browse and Vista** -- For Aurora Browse to work with Windows Vista, make sure the following conditions have been met:
  - Turn off the Vista Firewall. This is located in the Control Panel – Security section.
  - The Browse PC needs to be recognized on the Aurora network and the Browse login must be one of the users defined on the MediaFrame server. The Browse client will establish communication with the ASK server (MediaFrame server) and will fail unless the credentials on the Browse PC and MediaFrame server match.

## Operating Considerations: MediaFrame Server and MDIs

- **Configuring News MDI for Aurora Edit LD in No V mode** -- If an (iSCSI or Fibre Channel) SNFS mount of the V: drive is available on the News MDI host, the News MDI will use the mount as required to fulfill the MDI's service requests for the V: drive, regardless of the Storage Connection Type and NAS Connection Path entries.

When configuring the NTFS MDI for Aurora Edit LD in No V mode, specify the location for .wav voiceover files, e.g. `\\k2-proxy-nas\wav`

When using Aurora Edit LD in No V mode, if voiceover and graphic media are stored on the NAS, the NAS must be mapped on the News MDI.

For example, if the NAS Server media path for a No V Aurora LD is `\\K2-proxy-nas\vo-graphics`, the NAS connection path on the News MDI would be `Z: \\K2-proxy-nas\vo-graphics`.

- **Configuring multiple NAS systems** -- To configure multiple NAS systems in the MediaFrame Configuration tool, use this format:

`V: \\k2-highres-share\V / Z: \\k2-proxy-nas\vo-graphics`

- **MDI Name** -- Do not change the MDI name. If this needs to be done, you must update the database manually.
- **SmartBin Encoder record duration** -- Because of the size limit on the cache drive (232GB), the longest duration that can be recorded is 10 hours for 50Mbps, 6 hours for 75Mbps and 5 hours for 100Mbps.
- **EDL locations** -- As of 6.5, EDL operations are handled by Aurora Edit.
- **Flashnet job priority set to above normal** -- Set the Flashnet job priority to normal.
- **Programs, playlists, and complex movies** -- Programs, playlists and complex movies are not supported. (K2 and Profile.)

## Operating Considerations: Aurora and K2 systems

- **Asset and Bin name limitations** -- When using Aurora products with a K2 Summit system, clip asset and bin names need to be 32 characters or less.
- **Non-hierarchical bins** — When using Aurora products with a K2 Summit system, only non-hierarchical (non-nested) bins are supported.

## Operating Considerations: 3rd party archive considerations

- **FlashNet and Profile/UIM** -- The FlashNet archive installer needs to make accommodations when connecting to a Profile/UIM system. In the `comm_methods` file, UIMs are configured exactly the same way as a Profile XP system, except that the UIM becomes the "FC" entry in the "@" clause. For a Profile XP system on its own: `Profile_IP_Address 6 @profile_FC_Address/movie`. For a UIM: `Profile_IP_address 6 @UIM_IP_Address/movie`. This is because the CONTENT (directory listing) of the system is picked up through a Profile "sdss" client, while the DATA is moved via Fibre Channel. With the UIM again the clipnames are found via 100Bt interface from a Profile, then the DATA is moved via the GigE interface on the UIM>
- **Avalon frame synch** -- Partial File Restore assets from Avalon in NewsFTP/Aurora FTP systems can have high-res and low-res out of synch by two frames. To solve this problem, contact Avalon for assistance.
- **Diva tape or disk archives** — To explore disk-based or tape-based archives, the Diva MDI configuration must specify the name of the archive(s) in the Disk Array

Names field of the MediaFrame Configuration tool. For more information on configuring the Diva MDI, see the *Aurora Browse Installation and Configuration Guide*.

- **FlashNet clip deletion** — There can be a problem where the FlashNet archive does not reclaim space after clips are deleted. To solve this problem, contact SGL for assistance.
- **Restoring assets to SmartBins or Scavenge bins from an archive** — not recommended. To avoid creating disassociated assets, restore to a non-scavenge bin instead.
- **Unicode characters** — Only Diva supports unicode characters.

# Known Issues

The following limitations are present in this release of software. If you wish to obtain more information about these limitations, please mention the reference numbers.

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CR86834	Description:	If the LAN cable is pulled out while a data transfer is in progress, the Flashnet archive MDI does not automatically reconnect.
	Workaround:	After you reconnect the LAN cable, stop the Flashnet MDI and restart it to ensure future archives and restores will occur. (To start or stop the service, select Start   Settings   Control Panel   Administrative Tools   Services. The Services Control Panel opens. Select the Flashnet MDI, and right click Start or Stop.)
CR78273	Description:	DIVA transfers fail if the IP address is not used for the configured SourceName/DestinationName.
	Workaround:	This setting is in the DIVArchive Configuration Utility, not the MediaFrame DIVA MDI configuration page. In the utility, the source and destinations name configured must be the same as the IP address of the servers they are referring to.
CR50770	Description:	DIVArchive and FlashNet restore operations fail if the destination folder has clips with the same base name as the clip to be restored. This occurs even if duplicate name handling is enabled. The specific condition that causes the failure is when the name of the clip to be restored is clipname, and the destination folder has a clip named clipname and a clip named clipname_0.
	Workaround:	Users must restore to a different destination folder or delete/rename the clips in the destination folder that have the same basename as the clip to be restored.
CR71891	Description:	If a FlashNet partial file restore is interrupted (for example, if the network cable is disconnected mid-transfer), Browse incorrectly receives a “DONE” message from the archive and subsequently displays a complete status. The asset will have low res but no actual high res.
	Workaround:	Ignore the “DONE” message, reconnect the network, restore again.
CR71921	Description:	During FlashNet archive transfers, the status messages show an incorrect % done messages, even though the transfer is correct. The incorrect message goes from 0% straight to 100%, or it stays at 0% even when done. Restore status messages are correct.

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	Workaround:	This is a user interface display problem only. Ignore the % done messages.
CR69678	Description:	Aurora Browse shows invalid archived asset/group/volume(s) for FlashNet.
	Workaround:	Restart Thomson FlashNet MDI. This re-synchronizes the Aurora Browse database with the FlashNet archive file system. The problem occurs when you modify (add/delete) the FlashNet archive file system using some tool other than Aurora Browse. For example, if you label the FlashNet group/volume(s) using dtool.exe (supplied by SGL) or archive/delete an asset using testapi.exe or any other SGL supplied tool, you cause the problem. Since Aurora Browse does not support bi-directional synchronization with FlashNet archive, the Aurora Browse database goes out of sync with FlashNet.
CR75426	Description:	NTFS MDI cannot detect if a remote machine is online. This occurs if NetBIOS has been disabled.
	Workaround:	On machines monitored by the NTFS MDI, such as the Proxy NAS or the MediaFrame server, NetBIOS is enabled by default at the factory. Do not change this configuration. The NTFS MDI uses port 139, which becomes unavailable when NetBIOS is disabled
CR58258	Description:	GXF import (from within Aurora Edit) into a scavenge bin fails.
	Workaround:	Import file into non-scavenge folder. When the import is complete, move the clip to the scavenge folder.
CR57788	Description:	If one Aurora Browse user attempts to delete an asset at the same time another Aurora Browse user is viewing the clip, the High-resolution material will be deleted, however the proxy will remain.
	Workaround:	After the other user is no longer viewing the clip, retry deletion of the asset.
CR59288	Description:	On certain systems, occasional delayed write popup windows occur during Smart Bin Ingests. Both High-resolution Aurora Edit material and proxy are successfully created, however the popup dialog windows remain on the Smart Bin Encoder computer.
	Workaround:	Periodically, the Smart Bin Encoder should be monitored and these windows closed.
CR58568	Description:	Aurora Browse will not scavenge audio-only assets.
	Workaround:	No workaround available.
CR92283	Description:	If you transfer a single asset to an archive that already has an asset of that name, a dialog box appears asking if you want to rename the asset. If you transfer a batch of archives without

		enabling auto-rename, no dialog box prompts you to rename the assets; instead Browse returns an error message.
	Workaround:	Specify auto-rename before archiving the batch of assets.
CR86742	Description:	When archiving to SGL 6, the status page does not show transfer updates. The status jumps from 0% to 100%.
	Workaround:	No workaround available.
CR97357	Description:	If foreign metadata is deleted, the URI remains in the URN2URI table.
	Workaround:	Run a SQL query to purge these URIs: <pre>delete from URN2URI where URIFormat = N'&lt;your type here&gt;'</pre>
CR96498	Description:	If you reboot a standalone K2 Media Client when using Transfer Smart Bins, the SmartBins encoders and SmartBins folders are affected.
	Workaround:	Restart the SmartBins service on the affected machines.
CR102544	Description:	If you record a new asset, the video compression or broadcast video format displayed in the K2 or News MDI might differ from the values displayed in the K2 Media Server.
	Workaround:	To confirm the video compression or broadcast video format of a new asset, verify the asset's settings as displayed in K2 AppCenter.
CR106032	Description:	If you change the case of a bin's name (for example, from "james" to "James") on a K2 system, the K2 continues to associate the bin's assets with the original name. When an asset in this bin is modified, the asset is removed from the current view.
	Workaround:	Do not change the case of a bin's name.
CR105665	Description:	In the MediaFrame Event Log, the News MDI can report an event for a non-existent object in the assetEventList.
	Workaround:	When convenient, restart the "GV News Share MDI" service.
CR106170	Description:	When configuring an MDI, using the IP address for the DSM location instead of the DSM name results in connection difficulties.
	Workaround:	Always configure MDIs with the name, not the IP address.
CR107021	Description:	Searches and other date-related operations can fail if regional settings are not set for English (United States).
	Workaround:	Configure regional settings to English (United States) for the user account (typically nbadmin) that runs the MediaFrame services.