

GV File Upgrade Procedure - Windows



Version History

Date	Version	Release by	Reason for changes
28/01/2017	1.0	J Metcalf	Document originated (1 st proposal)
10/02/2017	1.1	J Metcalf	Edited after feedback from Support
01/02/2019	2.0	J Metcalf	GV Rebrand
23/02/2021	2.1	J Metcalf	Post Belden rebrand

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1. Introduction

This document will guide the User through the GV File upgrade process, of an existing GV File installation.

2. Overview

GV File code releases can be categorised as either a Major upgrade, or a Minor upgrade.

- Major upgrade: This is when major features are introduced and the main code version rises iteratively (i.e V3 to V4)
- Minor upgrade: This is a release primarily for bug fixes, but may include minor features.

(i.e. V4.0.0.20 to V4.0.1.2)

2.1 License Implications

Major upgrades will require that the Feature License is updated. Only customers with Support Contracts are eligible for Major Upgrades.

For customers whose Support Contract has expired, please contact Support, here:

GV Support

There are no license implications for Minor Upgrades. The current feature license on the system will still be valid after upgrade.

Important Note: Do **NOT** uninstall the Sentinel License Manager application. It is not necessary to uninstall, and then reinstall this application as part of the upgrade process.

3. Download Upgrade Package

The Installer Package for new software release can be downloaded from the SAM Store. Customers should log in to their respective User area.

https://store.s-a-m.com/

The Installer Package should be un-zipped to the GV File Host Machine.

		Tolder	• • • • • • • • • • • • • • • • • • •	y Inversione
board	Organise	New	Open	Select
→ This P	C > Downloads > V4.1.0.6 > Windows >			
	Name	Date modified	Туре	Size
	Safenet	22/03/2021 15:15	File folder	
	GV File Browser-4.1.0.0-win64	16/03/2021 12:14	Windows Installer	14,236 KB
	GV File Client-4.1.0.6-win64	16/03/2021 12:14	Windows Installer	17,232 KB
	🖈 🚮 GV File Node-4.1.0.6-win64	16/03/2021 12:14	Windows Installer	34,580 KB
	🖈 🛛 😽 GV File Server-4.1.0.6-win64	16/03/2021 12:14	Windows Installer	22,148 KB
	🖈 🛛 🚮 GV File Trial	16/03/2021 14:04	Application	109,784 KB
ntent	💉 🚯 GV File Watcher-4.1.0.2-win64	16/03/2021 12:14	Windows Installer	12,616 KB
	*			
	<u>ه</u>			

4. Prerequisites

Before commencing the Upgrade, please consider the following:

 It is a requirement that, in order to Install or Uninstall and of the GV File Components that the Windows Firewall Service must be running.

	Services					 x	
Eile Action ⊻iew H	elp						
(+ +) 📰 🖾 🖬	🖗 🖬 🖬 🕨 🖬 🖬						
🔍 Services (Local)	Services (Local)						
	Windows Firewall	Name	Description	Status	Startup Type	Log On As	
		端 Windows Modules Installer	Enables inst		Manual	Local System	
	Stop the service Restart the service	🍓 Windows Management Inst	Provides a c	Running	Automatic	Local System	
		🍓 Windows Installer	Adds, modi		Manual	Local System	
		🍓 Windows Font Cache Service	Optimizes p	Running	Automatic	Local Service	
	Description:	😪 Windows Firewall					
	Windows Firewall helps protect your	🔍 Windows Event Log	This service	Running	Automatic	Local Service	
	computer by preventing	🔍 Windows Event Collector	This service		Manual	Network Service	
	access to your computer through the	🍓 Windows Error Reporting Se	Allows error		Manual (Trig	Local System	
	Internet or a network.	🔍 Windows Encryption Provid	Windows E		Manual (Trig	Local Service	
		🔍 Windows Driver Foundation	Creates and		Manual (Trig	Local System	
		🖄 Windows Connection Mana	Makes auto	Runnina	Automatic (T	Local Service	

Note that if the current install is a GV File, or xFile installation and not the older Snell OD version, then it is
not necessary to uninstall the existing GV File installation, prior to installing the new software. The new software
can be installed over the top of the existing install.

However, if the current install is a **Snell OD** installation (pre V2.2.0.12), then it is recommended that the current install is first un-installed, prior to installing the new GV File software.

Uninstall the current Snell OD components in: Control Panel / Programs and Features

- Usual practice is to install all the GV File Components on the same Host PC/Server; however, it is possible to install GV File components on separate machines. In particular it may be desired to run the GV File Node (or Nodes in a multi Node install) on separate host machines. In such cases these GV File components will need to be updated on their respective host machines.
- The GV File Node may be installed either as a Service, or as an Application. It is probable that the current GV
 File install is to be maintained after upgrade, so it is advised to check the current install of the Node prior to
 upgrade.

Note that normally the GV File Node would be installed as a Service. However, there are certain criteria that make it necessary to install the GV File Node as an Application. These are:

- If multiple GV File Nodes are to be installed on the same host machine.
- If older consumer NVidia GPU are the chosen GPU solution.

Note - If Multiple Nodes are configured on the same host machine, it is only necessary to upgrade the Node once.

5. Upgrade Procedure

Each Installer application is in the form of an .msi executable file. Each GV File component should be installed separately. The order in which the GV File components are installed is not important.

1. Double-click on each of the Installer packages in turn. In this example the GV File Server is installed first.



Select Next to continue.

2. The End User License Agreement will now appear.



Check the tick-box to accept the terms of the License Agreement.

Select Next to continue.

3. The **Destination Folder** for the install can now be defined.

🛃 GV File Browser Setup		X
Destination Folder Click Next to install to the default folder (or click Change to choose anoth	er, Oracs valiey
Install GV File Browser to:		
C:\Program Files\SAM\xFile Browser\ 		
	Back Next	Cancel

It is recommended that the default folder is used. Select **Next** to continue.

5. Only when installing the GV File Node, the choice will be offered to install as either a **Service** or as an **Application** (see prerequisites above).

🙀 GV File Node Setup	
Installation type Install as service or as an application.	Ger grass valicy
Specify the installation type for GV File Node.	
 Service Application 	
Back	Next Cancel

4. The Service account can be defined.



Important: with regard to the GV File Browser, GV File Watcher and GV File Node, in circumstances where media is to be read from, or written to, a remote storage device, then it is essential that these GV File components have administrative rights access to the remote storage. Hence that it is important to consider this when entering the Service Account details entered above. It is good practice to check the current login credentials of these components, so that they can be preserved after upgrade.

Note that with respect to the GV File Node, this is not relevant if the Node is installed as an Application.

The GV File Server is not critical in this respect, and the default User Account can be used.

Note that the Service Account window will not appear when installing the GV File Client, or when installing the GV File Node as an Application.

5. Install the GV File component.



Click Install.

The component will now install. This will only take a few seconds.

6. When the install has completed, the Completed window will appear.

B GV File Browser Setup	
	Completed the GV File Browser Setup Wizard
	Click the Finish button to exit the Setup Wizard.
G	
A BELDEN BRAND	
•	Back Einish Cancel

Click Finish to complete the process

7. A warning box will now appear mentioning the server will need a restart to complete the installation.

👸 GV F	ile Browser Setup	×
i	You must restart your s changes made to GV File Yes to restart now or No later.	ystem for the configuration 8 Browser to take effect. Click o if you plan to manually restart
	Yes	<u>N</u> o

It is only necessary to restart the system after all the GV File components have been installed. At this point select No.

Note that this window does not appear upon completion of the GV File Client install.

- 8. Repeat the above install procedure for the other GV File components.
- 9. After all the GV File components have been installed, reboot the Host Machine.

6. Migrating Profiles

Upon rebooting the system after the upgrade process is complete, when the GV File Client is opened, a new window will appear asking the User if they want to migrate the User Profiles from the old version, to the new.

Note this message will only be seen if there are User Profiles present before upgrade.



Click Yes to migrate the User Profiles.

This procedure will allow User Profiles configured in the GV File system running older code, to be used once the system has been upgraded.

7. Licensing

GV File code releases can be categorised as either a Major upgrade, or a Minor upgrade.

- Major upgrade: This is when major features are introduced and the main code version rises iteratively (i.e V3 to V4)
- **Minor upgrade:** This is a release primarily for bug fixes, but may include minor features.

(i.e. V4.0.0.20 to V4.0.1.2)

License Implications

Major upgrades will require that the Feature License is updated. Only customers with Support Contracts are eligible for Major Upgrades.

For customers whose Support Contract has expired, please contact Support, here:

https://www.grassvalley.com/support/

There are no license implications for Minor Upgrades. The current feature license on the system will still be valid after upgrade.

Important Note: Do **NOT** uninstall the Sentinel License Manager application. It is not necessary to uninstall, and then reinstall this application as part of the upgrade process.

For Major version upgrades requiring a new Feature License, those customers eligible will receive a license file in the form of a .lic file, as an email attachment.

The License file should be saved somewhere where it can be easily retrieved.

Sentinel License Manager

When upgrading systems running pre V4.1.0.6, the Sentinel License Manager software will need to be updated to V9.6.0.

7.1 Feature License Update Procedure

Note that the Base License does not need to be updated as part of the Upgrade procedure.

First it is necessary to locate the folder: Licensing Tools:

C:\ Program Files\SAM\xFile Server\Licensing Tools:

 OSDisk (C:) Pr 	rogram Files 🕨 SAM 🕨 xFile Server 🕨		•	Search xFile Serv
Include in library				
*	Name	Date modified	Туре	Size
	ClientAccess	22/01/2019 15:20	File folder	
	🕌 LicensingTools	22/01/2019 15:20	File folder	
	🌽 plugins	22/01/2019 15:20	File folder	
	autolicenseserver.5093.xml	01/10/2018 10:54	XML Document	1 KB
	icudt52.dll	01/10/2018 11:00	DLL File	22,957 KB
	icuin52.dll	01/10/2018 11:00	DLL File	2,221 KB
	icuuc52.dll	01/10/2018 11:00	DLL File	1,660 KB
nt	🥑 jobqueue.db	23/01/2019 12:30	DB File	309 KB
	ibeay32.dll	01/10/2018 10:55	DLL File	1,611 KB

License Update Procedure

- 1. Log on to the GV File host machine.
- 2. Using File Explorer locate the folder: Licensing Tools (as described above).
- 3. Locate, within the License Tools folder, the application: WimAdmin.exe

Copy Paste Copy path Cipboard	Move Copy to* Copy Organize	New New	Properties	Select all Select none Invert selection Select
🕣 🔹 🕈 🕌 « Program	Files 🔸 SAM 🔸 xFile Server 🔺 Lic	ensingTools	v Č Se	arch LicensingTools
Favorites	Name	Date mod	fied Type	Size
E Desktop	echoid.dat	17/01/201	17:26 DAT File	1 1/3
a Downloads	echoid.exe	17/01/201	7 17:26 Applicati	ion 832 KB
SI Recent places	E echouid.exe	17/01/201	7 17:26 Applicati	ion 436 KB
	😸 Isapiw32.dll	17/01/201	7 17:26 Applicati	ion extensa, 1,000 KB
词 Libraries	El Islic.exe	17/01/201	17:26 Applicati	ion 60 KB
	E Ispool.exe	17/01/201	717:26 Applicati	on 60 KB
E Computer	Commute.exe	17/01/201	7 17:26 Applicati	ion 356 KB
Local Disk (C:)	S wechoid.exe	17/01/201	7 17:26 Applicati	ion 1,264 KB
😪 MediaStore (\\balthazar.	🛃 WImAdmin.exe	17/01/201	7 17:26 Applicati	ion 676 KB
Video (\\balthazar.snellw SNELLWILCOX (\\balthaz MediaStore (\\balthazar.	C WRITTool.exe	17/01/201	7 17:26 Applicati	ion 1,736 KB

Double click on the **WImAdmin.exe.**

The **WinAdmin** application will open:

🚰 WimAdmin				
<u>File Edit View Tools Help</u>				
田 韓 Defined Servers 田 韓 Subnet Servers 田 韓 Standalone	Server information Name: IP address:	Version:		
	Feature information			
	Name:		Version:	
	Statistics Total users: Reserved Commute: Capacity:		Total	Queued
	Redundant:	Number of servers:	Ma	ijority:
	Detailed information Feature Info License Info Client Is User name:	fo Start time:		
	Licenses in use:	Group name:		
	Criteria	Value		
Reads				NUM

4. Expand Subnet Servers:

	<mark></mark> <u>Eile E</u> dit <u>V</u> iew <u>T</u> ools <u>H</u> elp	
Select to	 Defined Servers Subnet Servers Standalone 	Server information Name: IP address: Feature information Name: Statistics

A list of Servers will now be visible.

	S WIMAdmin File Edit View Tools Help	
Subnet Server list —	International Servers Image: Serve	Server information Ame: Name: It-sip-en-04058 snellwitcox.local Version: IP address: 172 19.220.10 Feature information Version: Statistics In use: Total users: In use: Total users: In use: Commuter: Commuter: Capacity: In use: Detailed information Number of servers: Majority: E Detailed information E Lisense Intra Cisent Info Lisense Intra Cisent Info

If the name of the Computer to act as the License Server is not known, logon to the PC and open:

Control Panel / System

The Computer name will be listed:

😋 🗢 🛤 🕨 Control Panel 🕨	All Control Panel Items → Syste	m	• 49 Search Control Panel	-	
Control Panel Home Device Manager Control Fanel Home Contextings System protection Advanced system settings	View basic information Windows edition Windows 7 Enterprise Copyright © 2009 Microso Service Pack 1	about your computer oft Corporation. All rights reserved.			
	System Rating: Processor: Installed memory (RAM): System type: Pen and Touch:	Bio Windows Experience Index Intel(R) Core(TM)2 Quad CPU Q9400 4.00 GB (3.90 GB usable) 64-bit Operating System No Pen or Touch Input is available for	@ 2.66GHz 2.66 GHz this Display	E	
See also	Computer name, domain, an Computer name: Full computer name: Computer description: Domain: Windows activation	d workgroup settings PC-SLP-ST-04142 PC-SLP-ST-04142.snellwilcox.local snellwilcox.local	€ CH	hange settings	Computer Name
Action Center Windows Update Performance Information and Tools	Windows is activated Product ID: 55041-011-21	07855-86621 Change product key	g	nt more online	

4. Locate the Server in the list that is to act as the License Server. This is identified by the computer's name.

Right click on this Server.

A menu will appear:

PC-SLP-EN-0	4565	Statistics	In use:
u	Add Feature Remove all Feature Revoke Licenses by Add to Defined Lic	+ es y Permission Ticket +	
	S <u>h</u> utdown Server Refresh		Number of servers:
		Feature Info License Info License type: Commuter license:	Client Info Start date: End date:

Select: Add Feature/From a File/To a Server and its File

Add Festure From a File To Server Add Festure From a File To Server and its File Revove all Festures From a String To Server and its File Add Defined List Shutdown Server Majorty: Shutdown Server Majorty: T Detailed infomation From a String Majorty: Festure info Number of servers: Majorty: Detailed infomation Festure info Client info Ucense type: Stat date: Stat date: Alowed on VM: Citeria Yalue	fined Se	rvers	Server information			
Add Feature infomation Add Feature Add Feature Renove all Features Revoke Licenses by Permission Ticket Add to Defined List Shutdown Server Refresh Detailed infomation Feature info Loense type: Start date: Commune loense: Allowed on VM: Citeria Value Value Value Value Value Value Value Valu	onet Ser	vers	Name: UT 0	JF-SA-04451	Version: 8.5.3.0035	
Add Feature Feature information Add Feature From a File Remove all Features From a File Remove all Features From a String Add to Defined List To Server and its File Add to Defined List From a String Shutdown Server Majority: Pataled information Feature Hol Locense type: Start date: Commuter Icense: End date: Alored on VM: Value	R-sig-	e-04187 analtudices	IP address:	Activation (244)		
Add Festure Name: To Server Add Festures From a File To Server and its File Revoke Licenses by Permission Ticket Add to Defined List To Server and its File Add to Defined List Number of servers: Majorby: Refresh Number of servers: Majorby: Pataled infomation Feature Ho License hyle Commuter Isense: Start date: Commuter Isense: Alored on VM: Criteria Value	17-52	-8%-64272	Feature information			
Add Yesture Remove all Fatures Remove all Fatures Revoke Licenses by Permission Ticket Add to Defined List Shutdown Server Refresh Dataled infomation Feature Info Loense Info L		P CARLS IN MICH. IN.	Name		Version	
Revoke Licenses by Permission Ticket From a String Io Server and its Hie Revoke Licenses by Permission Ticket Add to Defined List Shutdown Server Refresh Number of servers: Majorty: To Start and the list Commuter Icense: Add to Defined List Commuter Icense: End date: Alowed on VM: 		Add Feature	•	From a File	Io Server	
Revoke License by Permission Ticket Ad to Defined List Shutdown Server Refresh Detailed infomation Feature Info License byte: Start date: Commuter license: Allowed on VM: Criteria Value		Remove all Features		From a String	 To Server and its File 	_
Add to Defined List Shutdown Server Refresh Detailed infomation Feature Info Licente Info License type: Commuter Icense: Allowed on VIII: Citense Value		Revoke Licenses by	Permission Licket			
Shutdown Server Refresh Number of servers: Majority: 1 Detailed information Feature Info Clerix Info License Info </td <td></td> <td>Add to Defined List</td> <td>-</td> <td></td> <td></td> <td></td>		Add to Defined List	-			
Refresh Number of servers: Majorty; Detailed information Feature Info License Info License Info License type: Start date: Commuter license: End date: Alowed on VM: Criteria Value Value		Shutdown Server				
Detailed information Peature Info Learne type: Commuter learnes Alowed on VM: Criteria Value		Refresh		Number of ea	Majoritu:	N
Detailed information Feature Info Client Info Leanes Hrfo Client Info Leanes type: Commuter leanes: Alowed on VM: Criteria Value			[ridgenty.	
Feature Info License Info Start date: Locrase type: Start date: Commuter locrase: End date: Allowed on VM:			Detailed information			
License type: Start date: Commuter license: End date: Allowed on VM: Contents Value			Feature Info License II	nfo Client Info		
Commuter loonse: End date: Allowed on VM: Content Value			License type:		Start date:	
Allowed on VM:			Commuter license:		End date:	
Criteria Value			Allowed on VM:			
Unterna Value						
			Critena	Value		_

A new window will appear called **Open.**

💽 Open	×
Look in: 🌗 LicensingTools	- ← 🗈 💣 🖃 -
Name	Date modified 📩
📄 echoid.dat	17/01/2017 17:26
💷 echoid	17/01/2017 17:26
💷 echouid	17/01/2017 17:26
🚳 Isapiw32.dll	17/01/2017 17:26
💷 Islic	17/01/2017 17:26 🚽
< [- F
File <u>n</u> ame:	<u>O</u> pen
Files of type: "All files (*.*)	▼ Cancel
Dpen as read-only	1.

Browse to the location of the new Feature License file.

🛐 Open			x
Look jn: 🚺	Alchemist-File Feature License	- 🕈 🗈 🕈 🗔	
Name	*	Date modified	Ту
Iservrc		01/02/2017 13:05	w
•	m		•

Clicking **Open** will apply the license. A confirmation message will be seen:



This completes the license installation.

8. Upgrade Check

1. In the GV File Client, click on the **System** icon.

🛷 GV File [*]	×					
₽;	Ø	+ 🗊	÷.			
Connect	Profiles Cre	ate Job Watch Folder	s System 🔪			
			Status	lob Name		

The System Management window will open.

2. In the **System Management** Window, note that the GV File server is now running the new code. In this example, the version is V4.0.0.20.

		×	
Corr Fize Caret Fore Licens Servet Fore Licens Servet Corr Fize Watcher Or Fize Watcher Or Fize Watcher Or Fize Vatcher Or Fize Vatcher	Views Vi	Or File Server Souhart 3595 Saula Combard 3595 Combard 50 Combard	Confirm new version Note - hovering the mouse curser over the diagram boxes will magnify the box.
Arset .		Greate Default Deployment Close Apply	

3. In the System Management Window, select the Deployment box.



The System Management window view will now detail the Deployment.



Each component version can be confirmed to be at the upgraded version.

9. License check

1. In the GV File Client, click on the **Profiles** icon.

The GV File Profile Management window will open:

			? ×
Constraint für Constraint für	User profiles Lise the user profiles editor to provide a set of processing configurations to apply to media assets.		
Reset		llose	

2. Click on the Product that is to be verified:



		×
the ISI III A Footble Default Profiles		
Alchemist File Kronos File	Alchemist File	
MBG File	Version 4.1.0.6	
Quasar File		
	Union union a surveil minorina in sona menanzion bachandono. Alchanist Ella in a acalebta anfluenza product ubich office unionilad low cost on	Non-companyabad frame rate consumption
	Carry unque amarumentes inquestes que consuly, accesses recision excesses providers in mich de combines Cife services en conservation en conservat	no execution with commedity II an instant, assign
	time and money whist safeguarding quality.	ng expense work commonly in equipment, saving
	Its simplicity of integration, Service Orientated Architecture and floating license model provides the versatility to evolve and adapt with di	anging business requirements, offering seamless
	gooa program exchange ano mulo oevice content dervery.	
		License status
	License Version Total Available	Status EIDs
		Superseded
	Alchemist File Feature 4.0.0.0 10 10	Available
		Available
Reset		Close Apply

A product information page for the selected product; in this example, Alchemist File:

Here the license version and availability can be confirmed.

Appendix A. Updating from pre-V2.2.0.12

If, prior to upgrade, the current install is pre V2.2.0.12; once the GV File system is upgraded, launch the GV File Client and select the System icon.

Check to see if the following warnings are reported in the GV File Client:



If these warnings are seen, the following procedure will correct the condition.

Note that this procedure will effectively delete any existing Watch Folder Configurations.

It is appreciated that if there are a large number of existing Watch Folder Configurations, that it would be a laborious exercise to reconfigure these Watch folders after upgrade. If it is desired to retain existing Watch Folders, please contact SAM Support.

https://www.grassvalley.com/support/

1. In the System Management window, select the Deployment in the left hand pane.



2. Now go to the right pane and select the Configuration Tab.



3. In the **Delete** field, select **Unsupported GV File Watcher** from the drop-down menu.



4. Now select the delete symbol to delete the Unsupported GV File Watcher.



5. A Confirm deletion window will appear.



Click **OK** to confirm deletion.

6. Now in the **Deployment Configuration** pane, in the **Add** field select **GV File Watcher** from the drop-down menu.



7. Click on the green + symbol to add the new Watcher.



8. The new Watcher will need to be configured.



Click Apply to complete the process of adding the new Watcher.

