



Grass Valley
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EDIUS® 9

EDIT ANYTHING. FAST

Software version 9.55.9157

**Floating License Server
Users Guide
August 2022**

www.grassvalley.com

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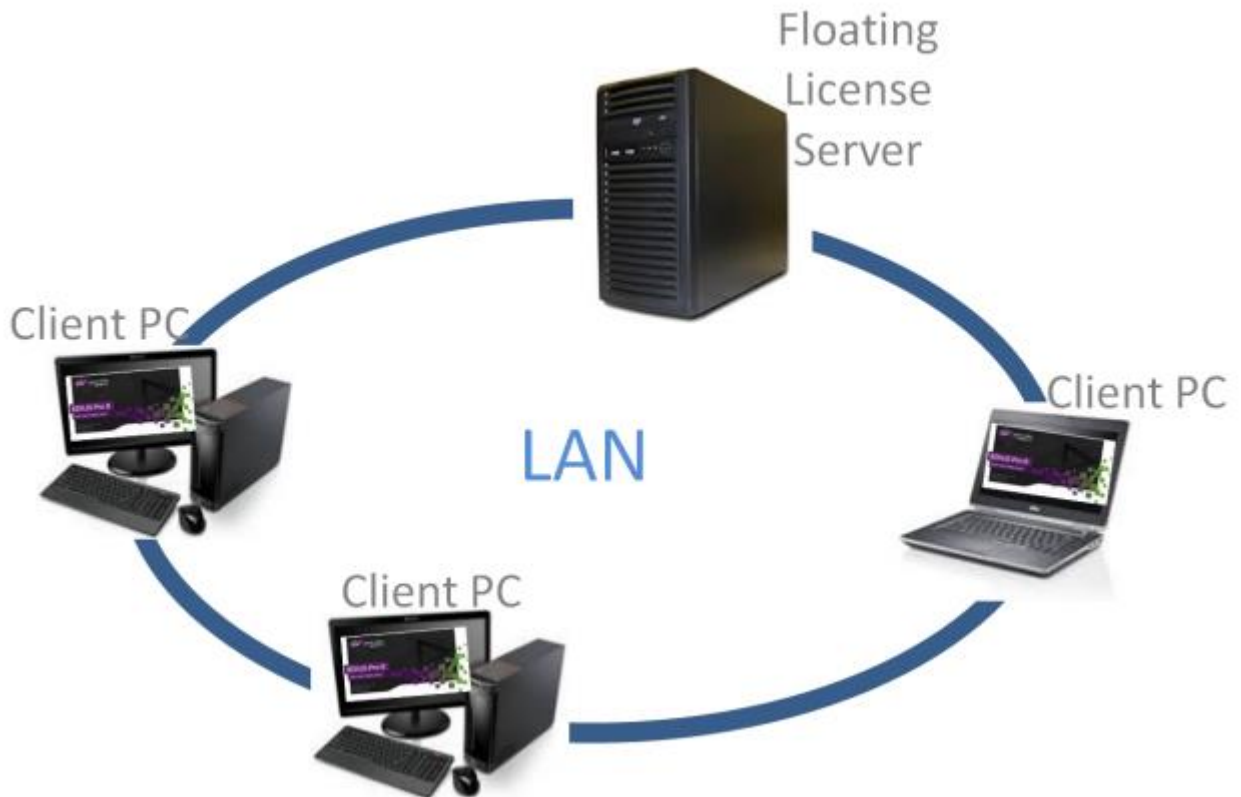
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Chapter 1 EDIUS Floating License System

Overview

EDIUS requires license activation on each editing PC. EDIUS Pro edition also requires log onto eID (EDIUS ID). EDIUS 9 supports to run by seeing a license activated on floating license server. In this system, you do not need to create and log into eID. Applicable product is EDIUS 9 Pro and Workgroup.



Chapter 2 System Requirements

Server Operating Environment

OS

- Windows Server 2019
- Windows Server 2016

NOTE Obtain the latest update from Windows Update

Supported Virtual Environment

- VMware ESXi 5.1 or later, Workstation 9 or later
- Citrix XenServer 6.2 or later

CPU

Use processor that the operating system requires.

Memory

EDIUS floating license server requires minimum memory size that the operating system requires plus 1GB memory.

Hard Drive

To run EDIUS floating license server, 40GB or more hard disk space is required.

Web Browser

Set Internet Explorer as default web browser

IMPORTANT NOTE
You cannot build the floating license server in EDIUS editing client machine.

Required Port Numbers

EDIUS floating license server uses below port numbers

Port Number	Usage
8090	http web access
27000 – 27009	Used by license server manager. Any number within the port range is used. You can set fixed value from Server Configuration > License Server Manager Port in the Administrative console
1025 – 65535	Vendor Daemon Port. Any number within the port range is automatically assigned. You can set fixed value from Vendor Daemon Configuration > License Server Manager Port in the Administrative console

Chapter 3 Setup

Install the server software

Install EDIUS Floating License server on a computer you want to use as floating license server.

NOTE

- Ensure that you are signed into the OS with administrator privileges.
- Use same build number of floating license server installer as EDIUS installer

- 1 Run **GV_FloatingLicense_Setup-9.xx.xxxx.exe**.
- 2 Follow up the setup wizard
- 3 Tick "I agree to the license terms and conditions" then click [Install]

NOTE


- Be sure to read through all of the terms and conditions by scrolling the window.
- Click [Close] to cancel the installation. If you do not agree to the license agreement, stop the installation and contact our customer support in writing.

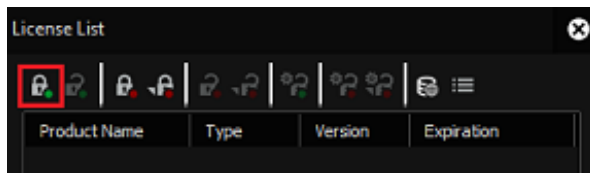
- 4 Floating server installation begins
- 5 Click [Restart] button to restart the computer.

Activate the license

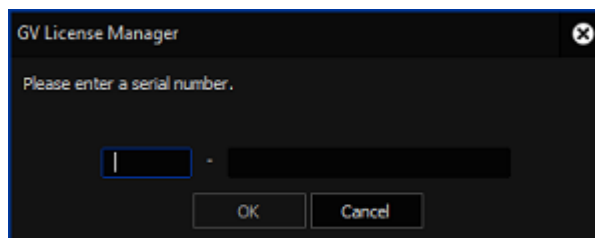
License activation (On-line)

Activate license after the server installation completed. The activation requires internet connectivity.

- 1 Right-click on GV License Manager icon  on the task tray notification area then select [License List]
* If the icon doesn't appear, select Start > Grass Valley > GV LicenseManager
- 2 Click Online Activation button.




- 3 Enter a serial number then click [OK] button.

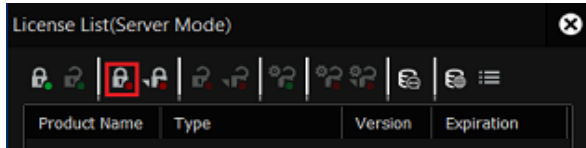


- 4 Once activation succeeded, the license will appear in the list. Close license list.
- 5 Restart the server computer to active the license.

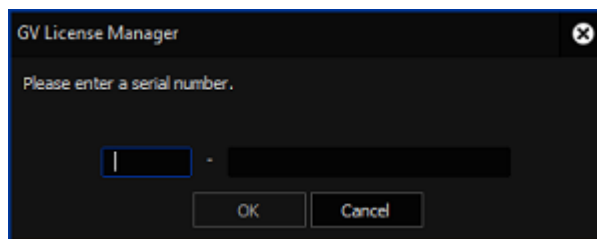
License activation (Off-line)

If the computers do not have internet connectivity, activate the license in off-line mode.

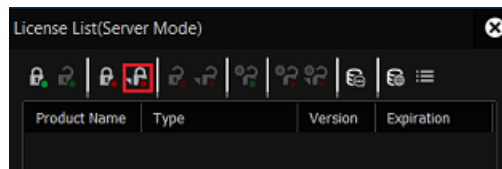
- 1 Insert an USB stick memory into free USB port on the server computer.
- 2 Select **Start > Grass Valley > GV LicenseManager (Server Mode)**
- 3 Right-click on GV License Manager icon  on the task tray notification area then select [License List].
- 4 Click [Offline Activation Create ID File] button.



- 5 Enter a serial number then click [OK] button.



- 6 Select the USB stick as destination then click [OK]
- 7 Click [OK]
- 8 Remove the USB stick from the computer then insert into a Windows PC connected to an internet
- 9 Open the USB stick then double-click **GVActivation**
- 10 Click [Yes]
- 11 Click [OK]
- 12 Remove the USB stick from the Windows PC then insert to the server computer.
- 13 Click [Offline Activation Register Activation File] button in GV License manager.



- 14 Select **responseXML.xml** in the USB stick and then click [Open] button.
- 15 Activated license will appear in the list. Close license list.
- 16 Restart the server computer to active the license.

Chapter 4 Use floating license

Firewall settings


If you use Windows Firewall, you do not need to do specific configuration. EDIUS floating license server will proceed required settings automatically.

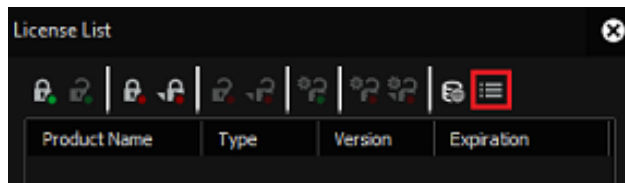
If you use another firewall, register followings to the white list

- C:\Program Files\Grass Valley\Floating License Server\ladmin.exe
- C:\Program Files\Grass Valley\Floating License Server\GVKK\GVKK.exe

EDIUS client configuration

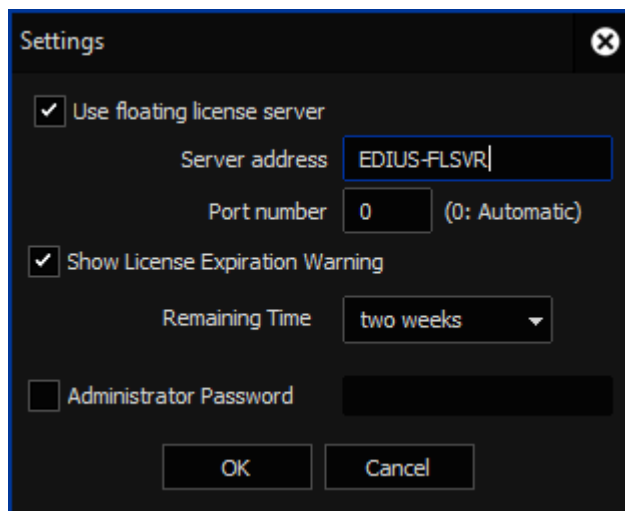
Turn on the option to use the floating license

- 1 In EDIUS client, right-click on GV License Manager icon  on the task tray notification area then select [License List].
- 2 Click [Settings] button.



- 3 Configure following settings:

- Tick **Use floating license server**
- Enter the floating license server computer name
- Enter port number (selecting 0 is recommended)



- 4 Click [OK].
- 5 Close the license list.

Use floating license

Double-click EDIUS icon on the desktop. License copy will be checked out from the server to client. Once succeeds, EDIUS application will start. When you quit EDIUS, the license will be checked into the server

Chapter 5 License deactivation

Quit EDIUS application

In EDIUS client, turn on the option in order to check out the floating license from the server. If the render engine is installed in separate computer, also take this step in the computer.

- 1 Quit EDIUS application on each client.
- 2 On the floating license server, open GV License Manager license list then click [Open license server in browser] button.
- 3 Server console will open in web browser. Confirm number of In Use is zero.




Feature	Version	In Use (Available)	Expiration
EDIUS X Workgroup WW	10.00	0 (5)	PERMANENT

- 4 Close the console by closing web browser.

Deactivate the floating license

NOTE


- Ensure that EDIUS application has been quit on all clients
- On-line deactivation does not work

- 1 Insert an USB stick memory into free USB port on the server computer.
- 2 Select **Start > Grass Valley > GV LicenseManager (Server Mode)**.
- 3 Select target license then click [Offline Deactivation Create ID File] button.
- 4 Select the USB stick as destination then click [OK].
- 5 Click [OK].
- 6 Pack all files in the destination to .zip file then send it to Grass Valley technical support.
- 7 Right-click on GV License Manager icon  on the task tray notification area then select [Exit].
- 8 Whilst pressing [Ctrl] + [Shift] and select **Start > Grass Valley > GV LicenseManager**.
- 9 Right-click on GV License Manager icon  on the task tray notification area then select [License List].
- 10 Right-click on the license in yellow letters then select [Delete].
- 11 Close the license list.
- 12 Right-click on GV License Manager icon  on the task tray notification area then select [Exit].

Chapter 6 Server administration

Change password

Change administrator password for license server administration console by following steps.

- 1 On the floating license server, right-click on GV License Manager icon  on the task tray notification area then select [License List].
- 2 Click [Open license server in browser] button.
- 3 The administration console will open in web browser. Click **Administration** tab.
- 4 Sign In dialog will appear. Enter following user name and password then click [Submit] button.
 - User Name: admin
 - Password: admin
- 5 Once signed in, you will be required to change the password, enter new password including confirmation then click [OK] button.

Verify status of required services


Confirm that the required services are running in the Services list.

- FlexNet Licensing Service 64
- GVLICENSESERVER

If they do not have “Running” status, right-click on the service then select [Restart] context menu. If the service does not appear in the list, try to restart the server computer.

Restart license server modules

Follow the steps to restart server related modules.

- 1 Right-click on GV License Manager icon  on the task tray notification area then select [License List].
- 2 Click [Open license server in browser] button.
- 3 Sign into the administration console.
- 4 Select [Vendor Daemon Configuration] tab.
- 5 Click **Administer**.

Name ▲	Status	FlexNet Publisher Version	Port		
GVKK	Up	11.15	55187	Administer	Delete

- 6 Click [Stop] button.

Vendor Daemon:GVKK

Vendor Daemon Port in Use: 60990

Vendor Daemon Actions

Stop Reread License Files

Report Log Name: **Rotate Report Logs**

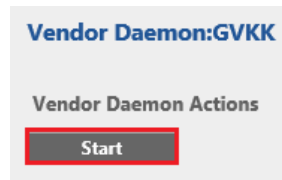
- 7 Status will change to **Shutting Down**.

Name ▲	Status
GVKK	Shutting Down

- After several seconds, refresh the web browser screen manually, and then confirm that the status changed to Down.

Name ▲	Status
GVKK	Down

- Click **Administer**.
- Click [Start] button.



- Status will change to Starting up.

Name ▲	Status
GVKK	Starting Up

- Go to another tab then back to [Vendor Daemon Configuration] to refresh the screen.
- Confirm that the status changed to **Up**.

Name ▲	Status
GVKK	Up

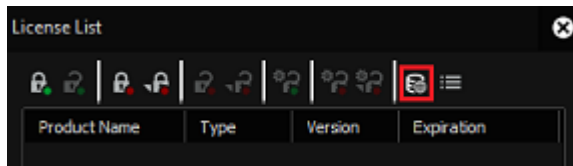
- Sign out from the console.
- Open Windows Task Manager.
- Right-click on GVLICENSESERVER then select [Restart] context menu.
- Once the service started, restarting server module succeeded.

If restarting the module is not helpful for your trouble, restart the server computer to resolve problem.

Chapter 7 Replace server computer

Follow the steps to replace server computer.

- 1 Quit EDIUS application on all clients.
- 2 Open GV License Manager then click [Open license server in browser] button.



- 3 Server console will open in web browser. Confirm if number of In Use is zero.
- 4 Close the server console.
- 5 Deactivate floating license in the server computer then close the license list. (see [Chapter 5](#) more details)
- 6 From Apps & features (or Program and Features), uninstall GV Floating License Server program.
- 7 Build the floating license server on the new computer.

Chapter 8 Upgrade floating license server

When you upgrade EDIUS build, Grass Valley recommend to upgrade the floating license server build. But the floating license server software does not have upgrade installation mode. Uninstall earlier build before upgrading the server software.

- 1 Quit EDIUS application on all clients.
- 2 Open GV License Manager then click [Open license server in browser] button.



- 3 Server console will open in web browser. Confirm if number of In Use is zero.
- 4 Close the server console.
- 5 From Apps & features (or Program and Features), uninstall GV Floating License Server program.
- 6 Restart the OS.
- 7 Run the floating license server that is same build number as EDIUS client.

APPENDIX

An error occurs while starting EDIUS

If “Check the status of the network and remaining number of licenses on the server” appears while starting EDIUS, follow below troubleshooting.

Check remaining floating license copy

- 1 Open GV License Manager then click [Open license server in browser] button.
- 2 Server console will open in web browser and you can see ‘In use’ and ‘Available’ number of license copy. If both are same, you cannot start EDIUS by no remaining license copy.

Feature	Version	In Use (Available)	Expiration
EDIUS X Workgroup_WW	10.00	5 (5)	PERMANENT Hosts

- 3 Click Hosts link. EDIUS client name that is using the floating license will be listed. Exit EDIUS on any client to return the license copy to the server. Once returned, you will be able to start EDIUS. Switch GV License Manager to activate node lock license.

Confirm running of required services

- 1 Start Windows Task Manager then go to [Services].
- 2 Confirm if both FlexNet Licensing Service 64 and GVLICENSESERVER have ‘Running’ status. If not, right-click on each of them and choose Start. If they have ‘Running’, choose ‘Restart’ context menu.
- 3 Confirm if GV License Manager is running in the server then start EDIUS client application.


Inactive function by network disconnection

Connection to floating license server must be kept while using EDIUS. If disconnected more than 15 minutes, following function will disable in EDIUS.

- Print to file
- Print to tape
- Batch export
- Burn to Disc
- Run Quick Titler

If the function disabled, try below troubleshooting.

Restart GV License Manager on EDIUS client

- 1 Save project then exit EDIUS.
- 2 Open GV Job Monitor then confirm if a job that is being queued and / or ongoing exists. If exists, wait for finishing or cancel it (them).
- 3 Right-click on GV License Manager icon  on the task tray notification area then select [Exit].
- 4 Start GV License Manager from Start > All Programs > Grass Valley > GV License Manager.
- 5 Run EDIUS.

Restart floating license server

Try to restart the floating license server computer.

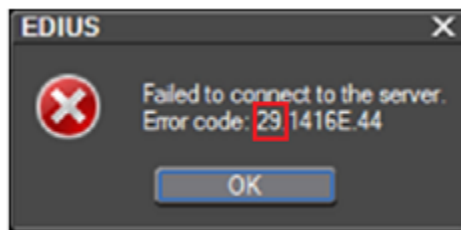
If both troubleshooting are not helpful, try below narrow down then contact to Grass Valley technical support along with your troubleshooting and narrow down result.

- 1 Confirm if you can open the server console in web browser. To do it, click [Open license server in browser] button in GV License Manager license list.
- 2 Open license server in web browser then confirm if your EDIUS client name is listed in 'Hosts' list.

Once EDIUS client reconnected to floating license server, disabled functions will be enabled.

An error occurs while license activation / deactivation

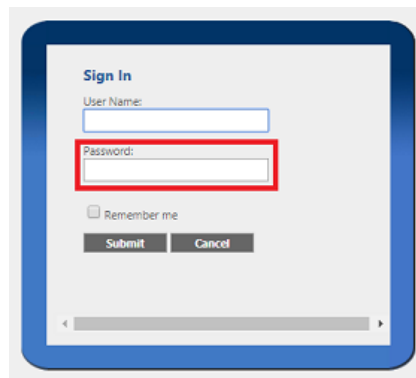
If an error occurs while license activation / deactivation, error code will appear.



Required troubleshooting steps is vary depending on appeared error code. See the [knowledge base](#) more details.

Forgot Flexnet Publisher password

If you forgot the Flexnet Publisher password, follow the steps to reset the password



- 1 Ensure that EDIUS application has been quit on all clients.
- 2 Run Notepad with administrator privileges.
- 3 Navigate to **C:\Program Files\Grass Valley\Floating License Server\conf**
- 4 Drag and drop **server.xml** file to Notepad
- 5 Search out by typing **<accesscontrol** in 'Find' box
- 6 Modify two values

```
<accessControl sessionTimeout="1800">
<user firstName="System" id="admin" lastName="Administrator" password="
{ENCRYPTEDPASSWORD}" passwordExpired="false" privileges="admin"
type="local-admin"/>
```


Current value	Changed to
password="{ENCRYPTEDPASSWORD}"	password="admin"
passwordExpired="false"	passwordExpired="true"

7 Ensure that modified result is as below

```
<accessControl sessionTimeout="1800">
<user firstName="System" id="admin" lastName="Administrator" password="
admin" passwordExpired="true" privileges="admin" type="local-admin"/>
```

8 Overwrite the file

9 Restart the server

10 Right-click on GV License Manager icon  on the task tray notification area then select [License List].

11 Click [Open license server in browser] button.

12 The administration console will open in web browser. Click **Administration** tab

13 Sign In dialog will appear. Enter following user name and password then click [Submit]

- User Name: admin
- Password: admin

14 Once signed in, you will be required to change the password, enter new password including confirmation then click [OK].