# ANARK WORKSTATION INSTALLATION

## CONTENTS


Introduction ..... 3

Installing Anark Workstation ..... 3

- Minimum System Requirements ..... 3
- Installation ..... 4
- Licensing Anark Workstation ..... 7
  - Node-Locked Licenses ..... 7
  - Activation Code ..... 8
  - License File ..... 8
  - Deactivate Node-Locked License ..... 9
  - Floating Licenses ..... 9
  - Command Line ..... 10

Installing Anark Floating License Server ..... 11

- Minimum System Requirements ..... 11
- Installation ..... 11
- Licensing Anark Floating License Server ..... 12
  - Activation Code ..... 13
  - License File ..... 13
- Configuring Anark Floating License Server ..... 14
  - Deactivate Floating License Server ..... 16

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# INTRODUCTION

Anark Workstation can be licensed either as a “node-locked” license that is anchored to a single computer, or it can be licensed as a “floating” license—where the licenses are provided to users on a first-come basis by the included Anark Floating License Server software.

This installation guide will show you how to install Anark Workstation, and Anark Floating License Server if you intend to use floating licenses to license Anark Workstation.

# INSTALLING ANARK WORKSTATION

## MINIMUM SYSTEM REQUIREMENTS

Before installing Anark Workstation, confirm with your IT administrator that your computer meets or exceeds the following minimum system requirements. Full system administrator privileges are required to install the software.

- Intel Xeon E5, Intel Xeon E7, Intel Core i5, or Intel Core i7, 3 GHz or faster
- NVIDIA Quadro K2000 or greater (includes CAD-certified OpenGL drivers)
- 8 GB RAM
- 10+ GB free disk space
- Windows® 7, Windows® 10, Windows® 11
- Microsoft .NET 4.7.2 (installed if not present)
- OpenGL 3.0 or later (typically included with latest NVIDIA graphics card drivers)

These minimum system requirements are intended to serve as a general guideline.  Note that working with very large assemblies may require running Anark Workstation on a 64-bit version of Microsoft Windows with additional RAM, a more powerful NVIDIA Quadro graphics card with more VRAM, and more free disk space.

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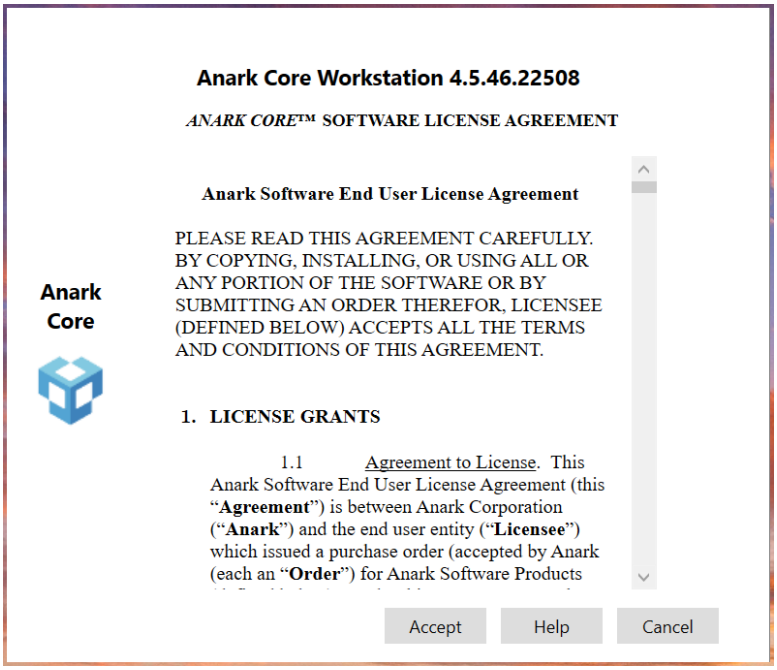
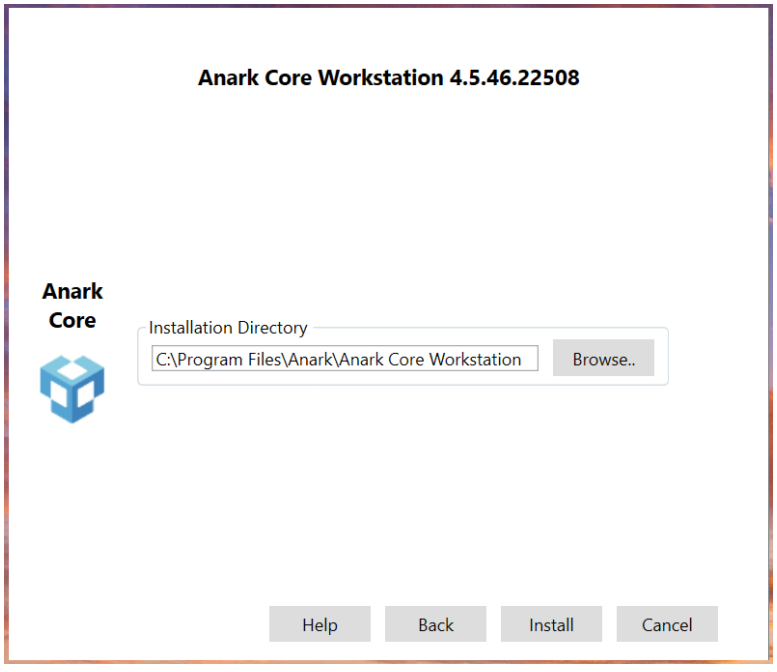
## INSTALLATION

**Note:** You must have a 64-bit computer operating system to install Anark Workstation.

Launch Anark Workstation Setup.exe file to start the installation. The end-user license agreement will appear. Review and accept.




The suggested install path is presented. Change the file path if needed, or click on the **Install** button to begin the installation.

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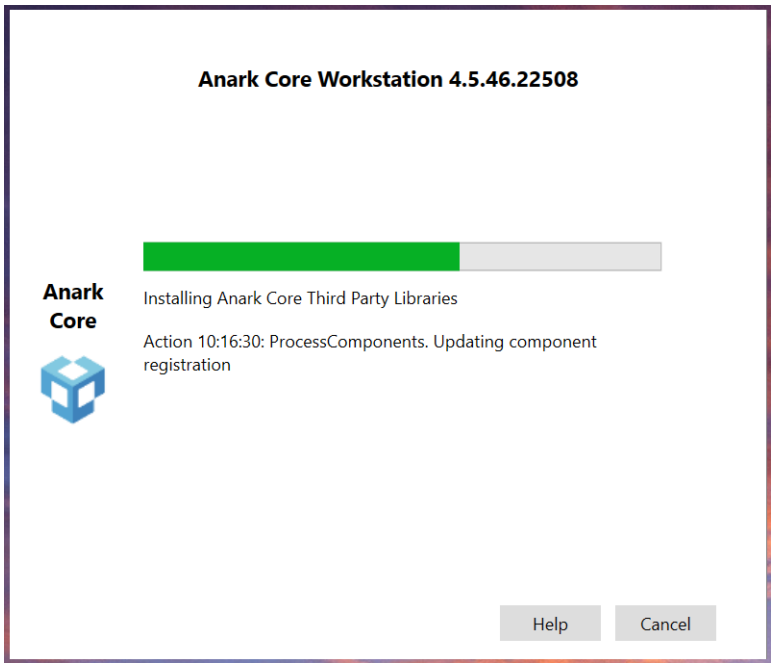
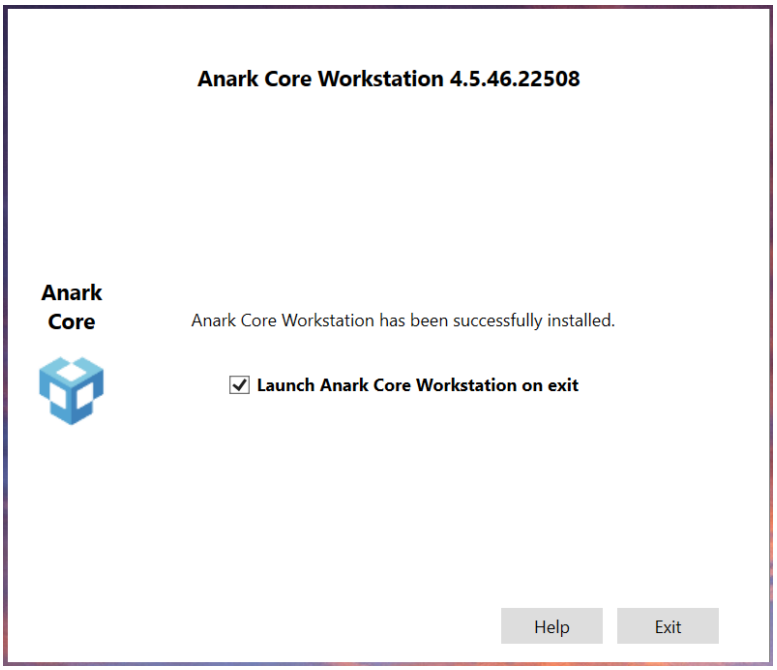
Anark Workstation will begin to install. This step may take several minutes.




Once the software is installed, click the **Exit** button.

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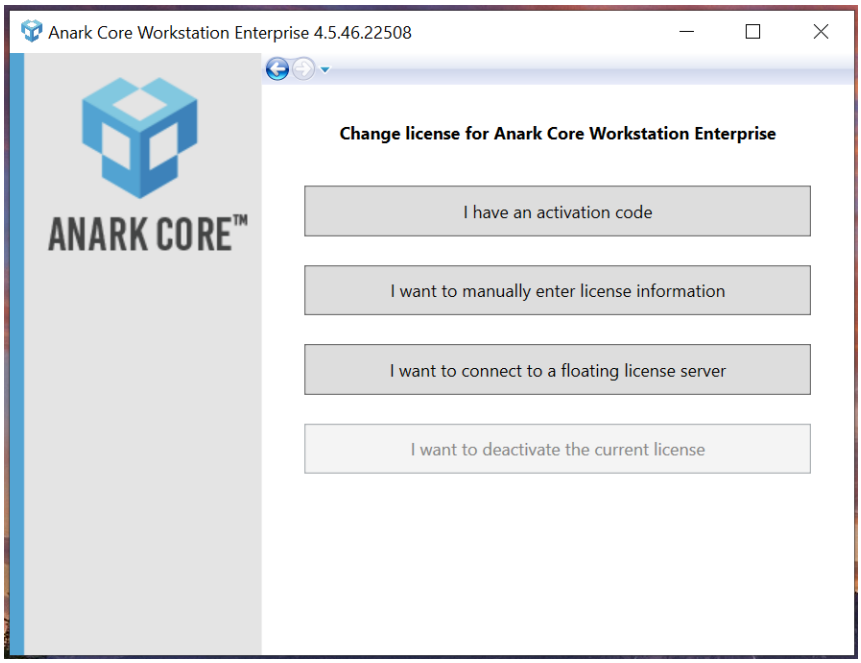
If the software has not been licensed, the Anark Workstation License Manager will appear.

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## LICENSING ANARK WORKSTATION

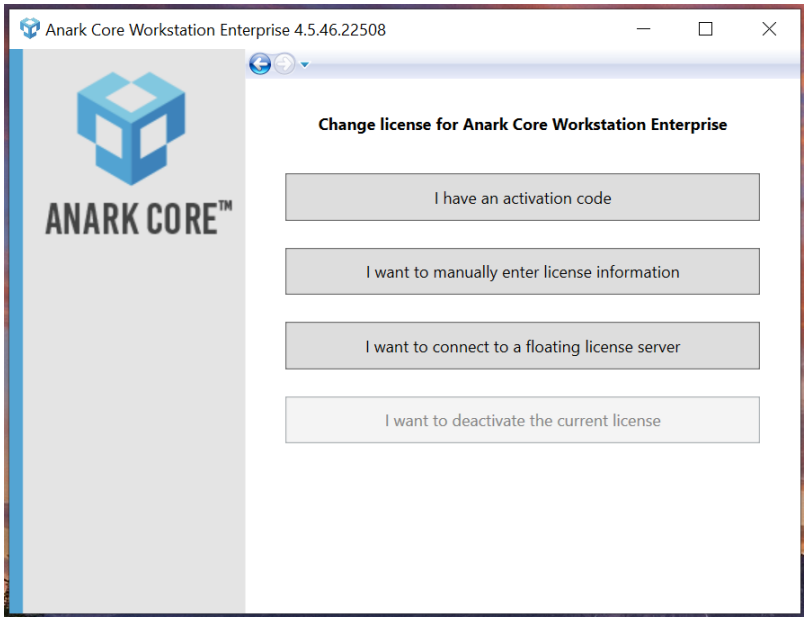
Anark Workstation can be licensed either as a “node-locked” license that is anchored to a single computer, or it can be licensed as a “floating” license—where the licenses are provided to users on a first-come basis by the Anark Floating License Server.

### NODE-LOCKED LICENSES

There are two ways to activate a node-locked license for Anark Workstation—on-line with an activation code or through e-mail (manually) with a license file.

**Note:** If you are operating behind a restricted network that cannot successfully connect to Anark’s license activation server, then you should let your reseller know that you want to activate manually via a license file.

During installation the Anark Workstation License Manager application will appear. Optionally you may launch the Anark Workstation License Manager from Windows Start menu: **Start > All Programs > Anark > Anark Core Workstation > Anark Core Workstation License Manager**. Select either the **“I have an activation code”** button or the **“I want to manually enter license information”** button depending on your preference.

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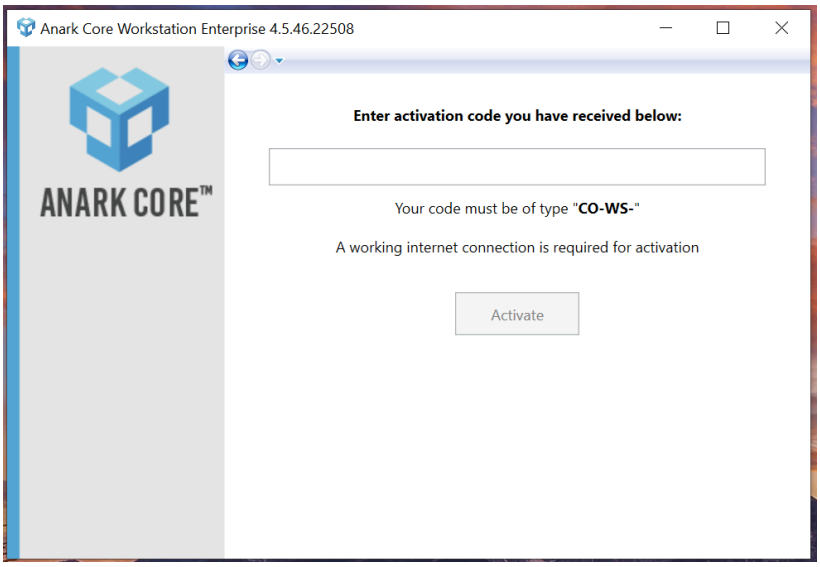
## ACTIVATION CODE

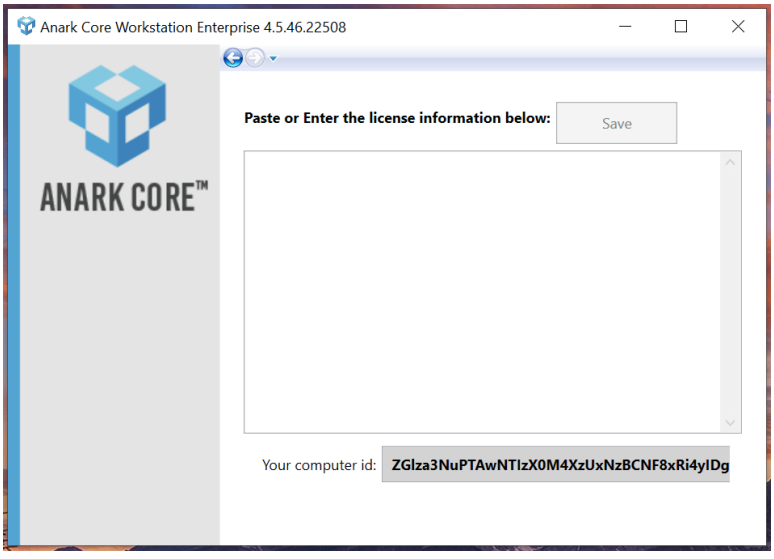
If you choose to activate via activation code, the following UI will be presented.




Copy the activation code that was provided by your reseller into the activation code field. Click on the **Activate** button. The Anark Workstation License Manager will try to connect to the **licensing.anark.com** license server to activate the license. When it is successful, you will see the license information. Your software is now licensed for use.

## LICENSE FILE

If you choose to activate manually by entering the license file information, the following UI will be presented.




Copy the computer ID, paste this into an e-mail, and send this information to your reseller. They will perform the activation and provide a license file in a return e-mail. Copy all of the text in the license file

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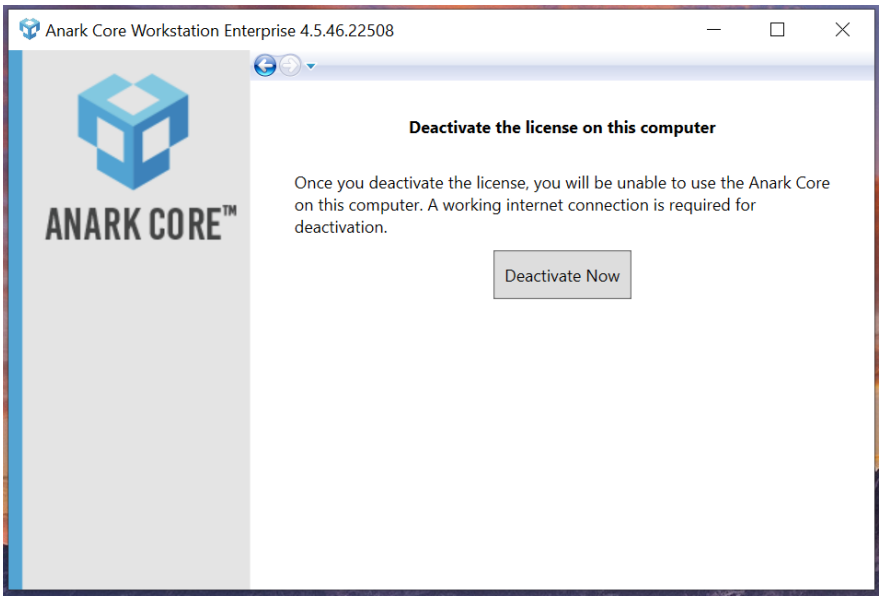
into the provided field. Click on the **Save** button to save your license file information. Your software is now licensed for use.

## DEACTIVATE NODE-LOCKED LICENSE

If in the future you want to deactivate the license to move it to a new computer, open the Anark Workstation License Manager and click on the "**I want to deactivate the current license"** button. In the next screen, click on the **Deactivate Now** button.




This will deactivate the current license and increase the activation count for your activation code. You may now uninstall and reinstall the software on a different computer. You are now free to use your activation code to activate Anark Workstation on another computer.

## FLOATING LICENSES

Before connecting your Anark Workstation installation to the Anark Floating License Server, you must first install and license the Anark Floating License Server. Please see the section Installing Anark Floating Licensing Server for more information.

To connect your Anark Workstation installation to the Anark Floating License Server, from the Anark Workstation License Manager, click the **"I want to connect to a floating license server"** button.

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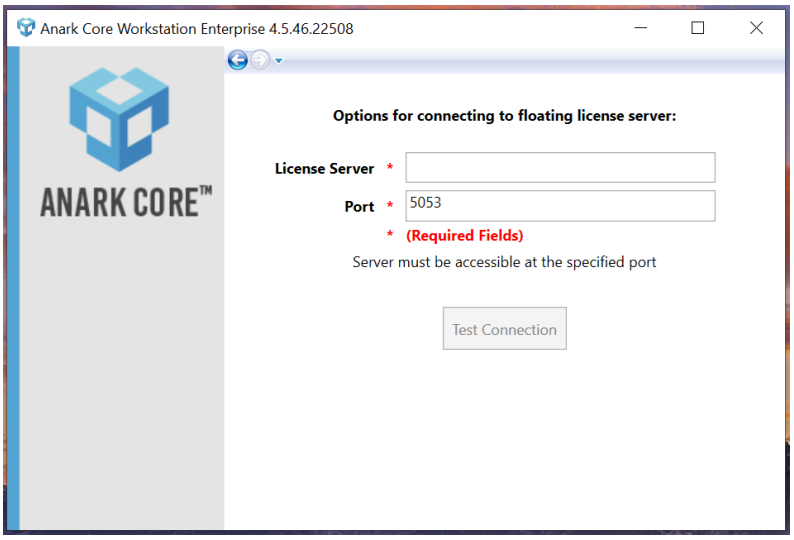


A form will appear to enter the following information:

**License Server**—the host name or IP of the computer on which the Anark Floating License Server is running.

**Port**—the port number that will carry the communications between Anark Workstation and the Anark Floating License Server. Port 5053 is the default port—already preconfigured when you install Anark Floating License Server.

**Note:** If the Anark Floating License Server is running behind a firewall, a policy rule allowing traffic to pass through the designated port may be required from your IT administrator.

Once the information is entered, click on the **Test Connection** button to validate that Anark Workstation can reach Anark Floating License Server. If it connects successfully, the license will be activated.

## COMMAND LINE

The Anark Workstation License Manager can also be run from the command line, which allows for batch updates and silent installs. The available commands are: “licensecode”, “floatinglicenseserver”, and “floatinglicenseport”.

To modify the activation code:

*>LicenseManagementApp.exe licensecode= CO-WS-XX -XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXXXX*

To modify the floating license server and port:

*>LicenseManagementApp.exe floatinglicenseserver=servername floatinglicenseport=port*

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# INSTALLING ANARK FLOATING LICENSE SERVER

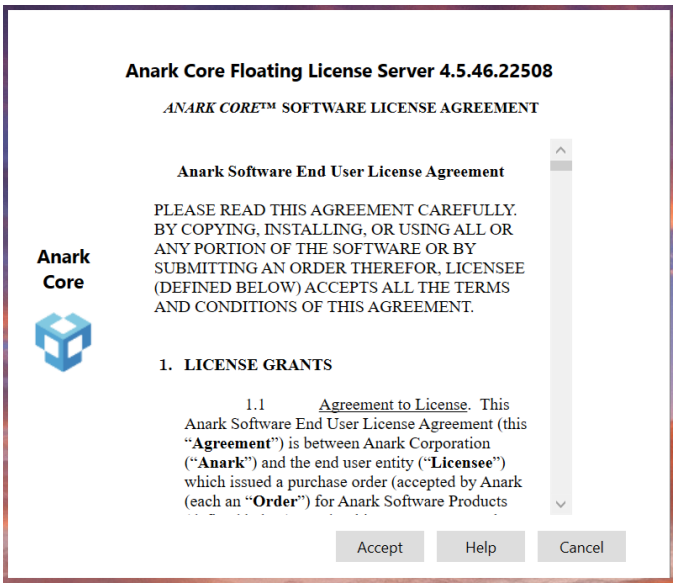
## MINIMUM SYSTEM REQUIREMENTS

- 1 GB RAM
- 1+ GB free disk space
- Windows® Server 2016 with Desktop Experience, Windows® Server 2019 with Desktop Experience, or Windows® 10 (x86-64 only)

## INSTALLATION

Included with the Anark Workstation Installer .zip file is the Anark Floating License Server Installer. To install the Anark Floating License Server, double click on the Anark Floating License Server .exe file.

If any prerequisites are needed, a dialog will first appear to install the prerequisites. After installing the prerequisites, the following dialog will appear that allows you to pick the install path for the Anark Floating License Server. Change this path as needed, and click the **Install** button. The software will begin to install.




Once the software is installed, click the **Exit** button to exit.

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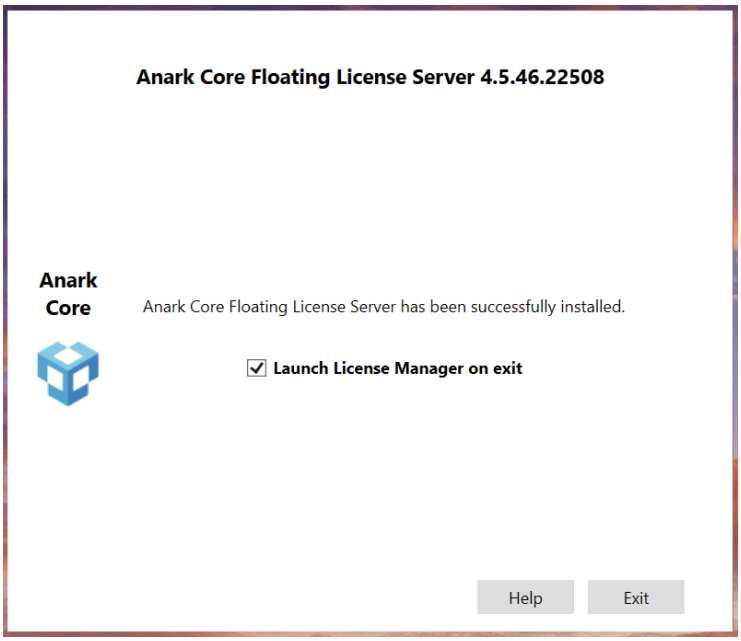


## LICENSING ANARK FLOATING LICENSE SERVER

There are two ways to activate a license for Anark Floating License Server—on-line with an activation code or through e-mail (manually) with a license file.

**Note:** If you are operating behind a restricted network that cannot successfully connect to Anark's license activation server, then you should let your reseller know that you want to activate manually via a license file.

During installation, the Anark Floating License Manager application will appear. Optionally you may launch the Anark Floating License Manager from Windows Start menu: **Start > Anark > Anark Core Floating License Server > Anark Core Floating License Manager**. Select either the **"I have an activation code"** button or the **"I want to manually enter license information"** button depending on your preference.

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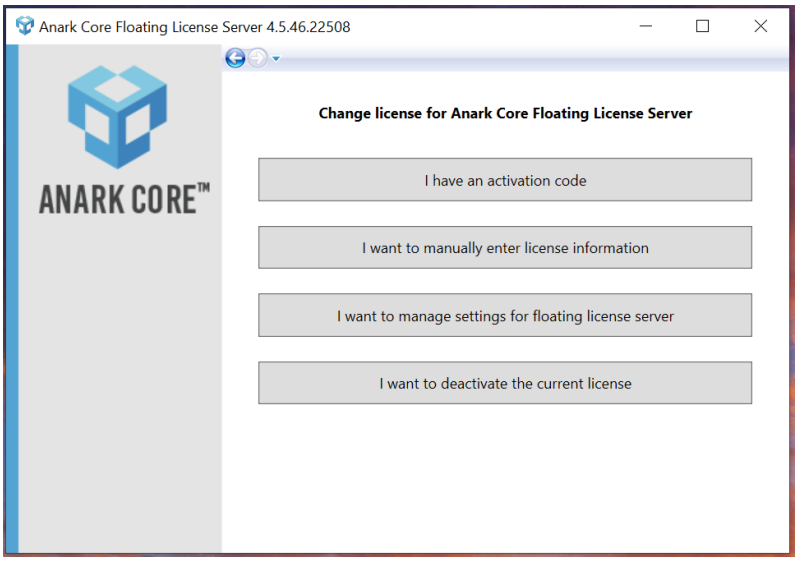
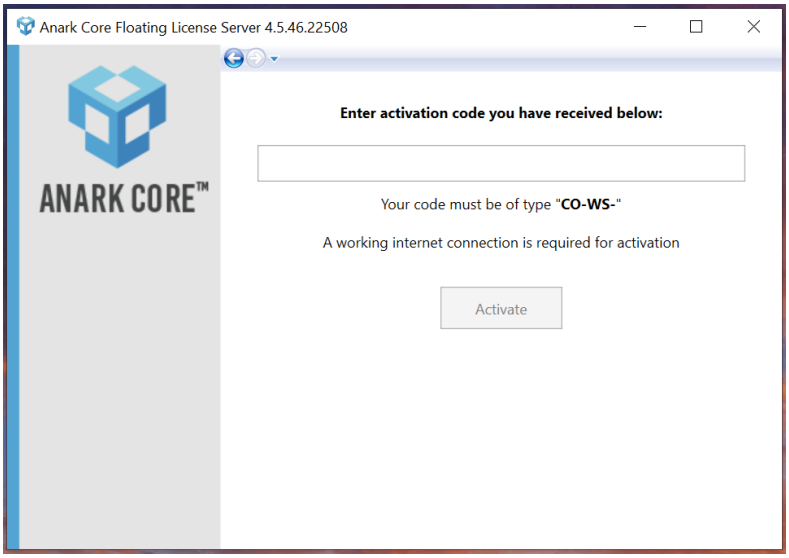



## ACTIVATION CODE

If you choose to activate via activation code, the following UI will be presented.




Copy the activation code that was provided by your reseller into the activation code field. Click on the **Activate** button. The Anark Workstation License Manager will try to connect to the **anark.com** license server to activate the license. When it is successful, your software is now licensed but not ready for use. A page will appear that allows you to configure your floating license server.

## LICENSE FILE

If you choose to activate manually by entering the license file information, the following UI will be presented.

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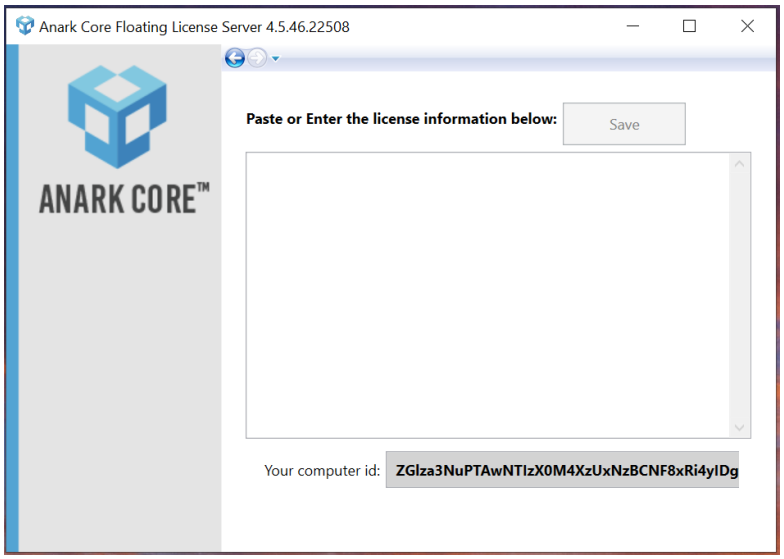


Copy the computer ID, paste this into an e-mail, and send this information to your reseller. They will perform the activation and provide a license file in a return e-mail. Copy all of the text in the license file into the provided field. Click on the **Save** button to save your license file information.

Your software is now licensed but not ready for use. A page will appear that allows you to configure your floating license server.

## CONFIGURING ANARK FLOATING LICENSE SERVER

After successfully licensing the Anark Floating License Server software, a configuration page will appear. The default **RLM Port Number, ISV Port Number** and **Website Port Number** (for the administrator web server) can be modified. By default, the port number matches the default port number configured in Anark Workstation.

If you have firewalls running on your floating license host computer, please remember to install a policy to allow both incoming and outgoing connections on all three ports that you chose. Similarly all client computers that intend to connect to this floating license server should also have exceptions in their firewall configuration to connect to this host computer on the chosen ports. If you change the **RLM Port Number** from its default value, clients will need the new chosen port number when they try to connect to the floating license host.

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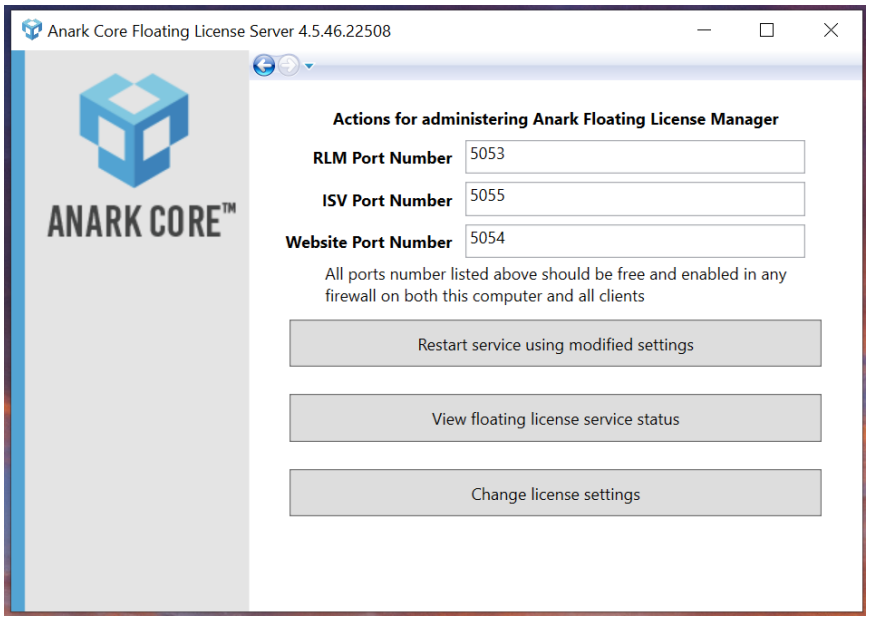
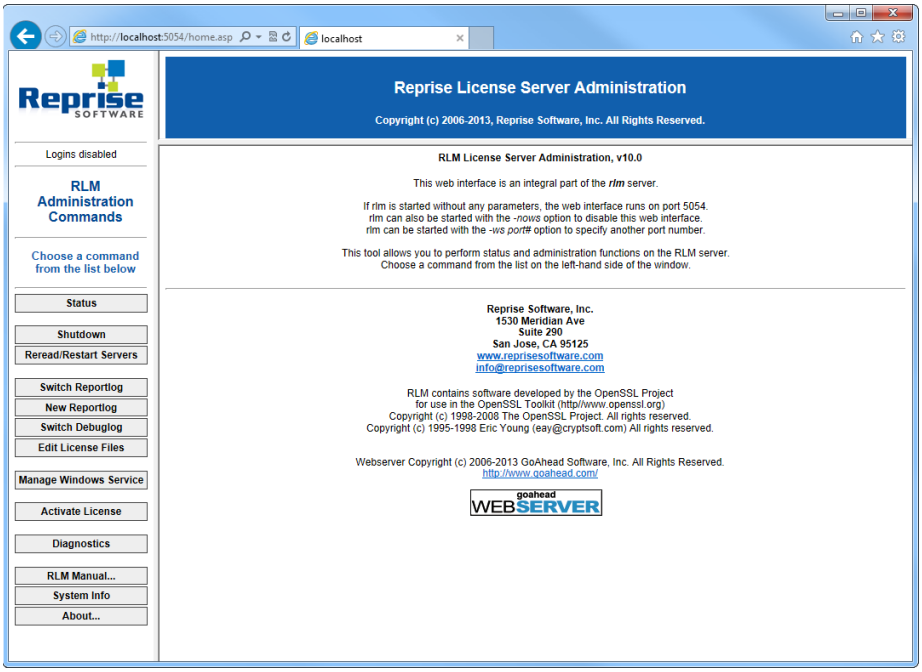



After configuring the port numbers, click on the **"Start floating license service button"** to create and run a Windows Service for the licensing server. Once the service is running, a new option **"View floating license server status"** will become available in the menu.

To view the status of the license server, as well as provide access to a variety of administrative functions, click on the **"View floating license server status"** button.

The administrator web page for the licensing server will appear. Here you will find more licensing server administrator functionality. To find out more information, click on the **RLM Manual** button on this web page.

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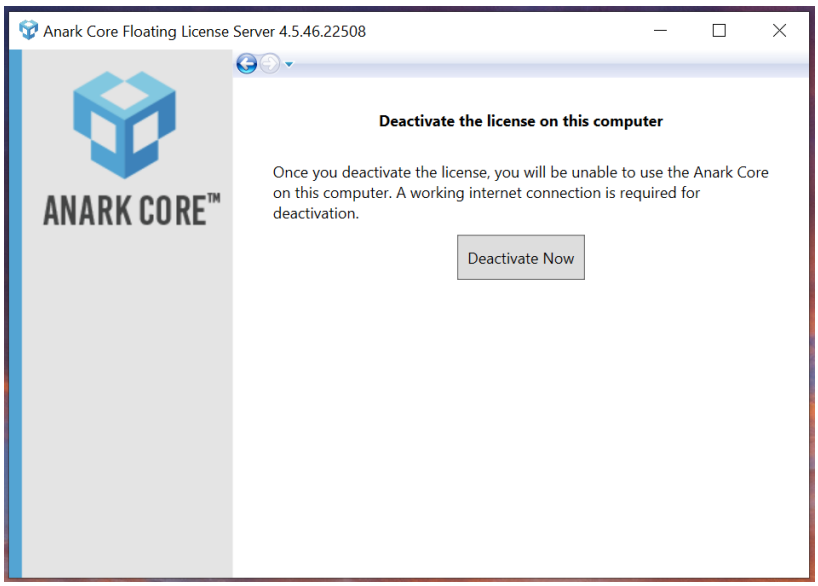
## DEACTIVATE FLOATING LICENSE SERVER

If in the future you want to deactivate the license to move it to a new computer, open the Anark Floating License Manager and click on the "**I want to deactivate the current license"** button. In the next screen, click on the **Deactivate Now** button.




This will deactivate the current license and increase the activation count for your activation code. You may now uninstall and reinstall the software on a different computer. You are now free to use your activation code to activate Anark Floating License Server on another computer.

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