

nanoCAD

Installation and Registration Guide



Web: www.nanocad.in

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Introduction

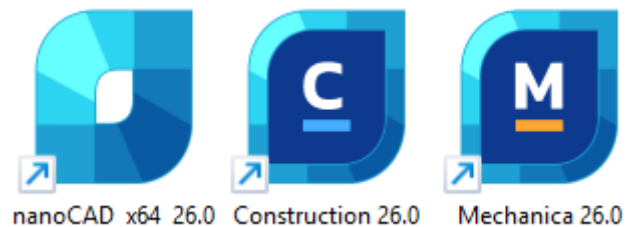
This instruction explains the process of installation of nanoCAD products.

nanoCAD consists of the nanoCAD platform and its modules. nanoCAD Platform is a complete product, it includes base functionality, modules include additional functionality that expands the program's capabilities. There are the following modules:

- Construction,
- Mechanica,
- Topoplan,
- 3D,
- Raster.

Each module is licensed independently of the others.

After installation of nanoCAD with all modules, three desktop shortcuts appear. They allow to run the program in one of three configurations: nanoCAD Platform, nanoCAD Mechanica and nanoCAD Construction.

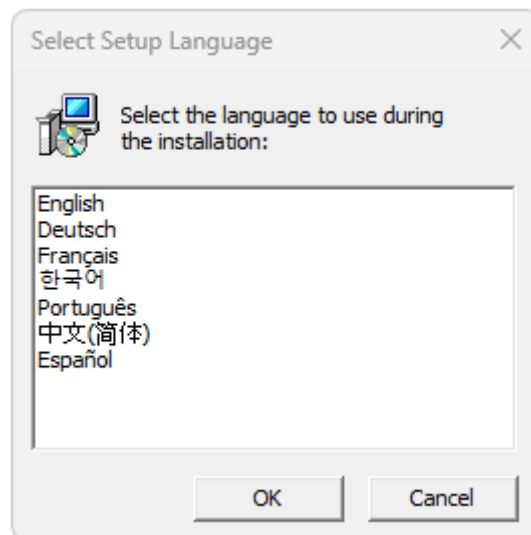


Installation

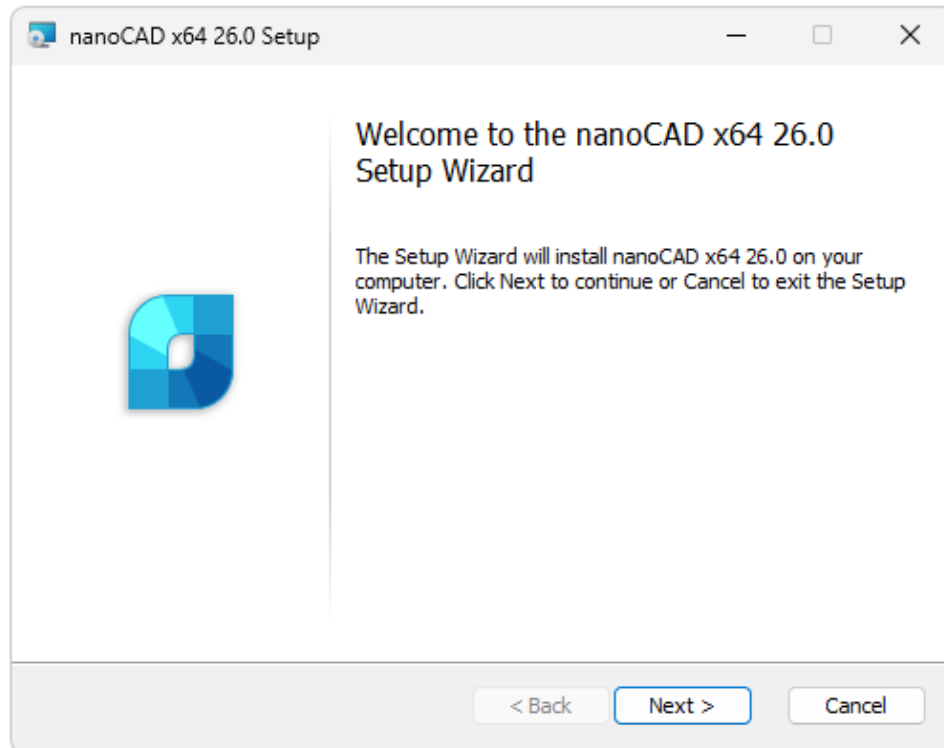
When the downloading process has finished, please start installation by double clicking on the installation file with *.exe file format. Please select the program language, available languages:

1. English
2. German
3. French
4. Korean
5. Portuguese
6. Chinese
7. Spanish

Click OK to start the installation.

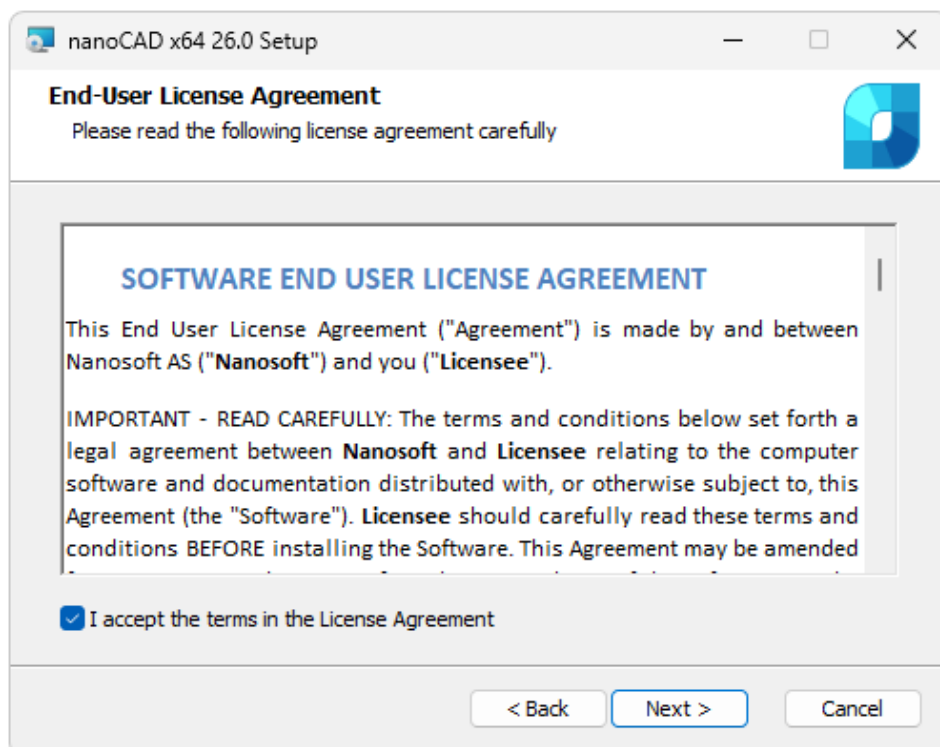


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Click *Next* to continue.

In the next window, you should read the End-User License Agreement. To continue, check *I accept the terms in the License Agreement* box and click *Next* button:

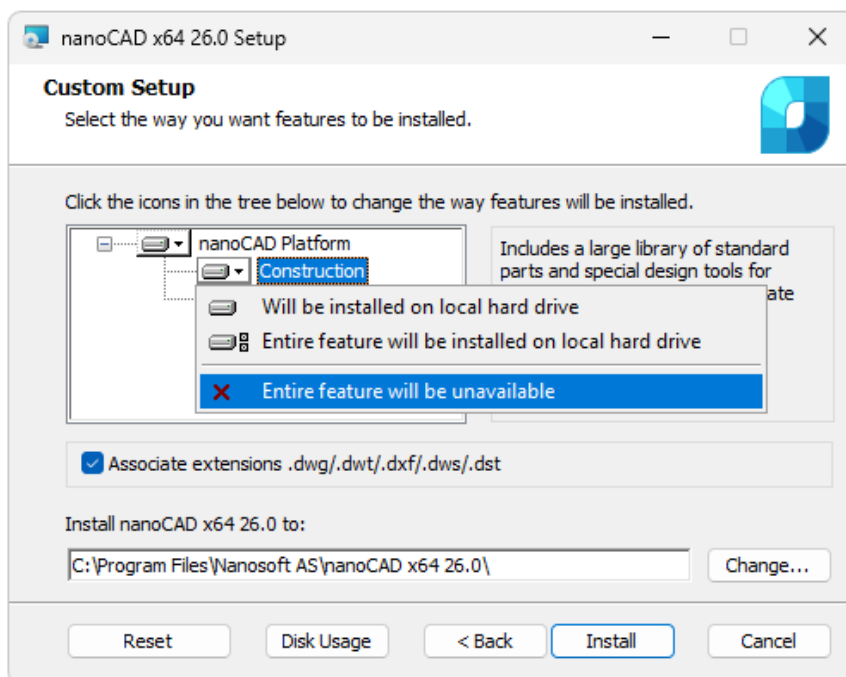
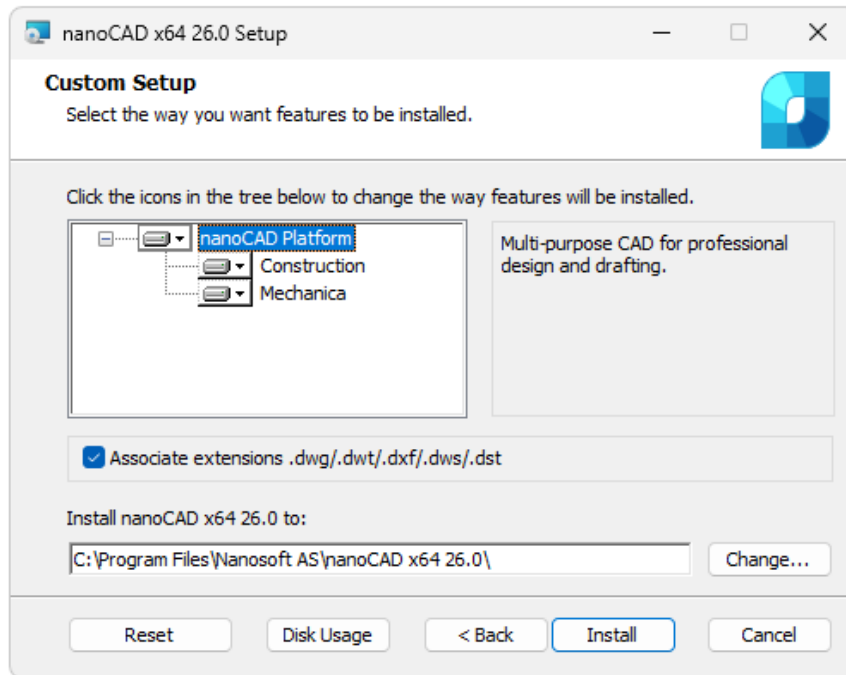


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At the next step of the installation process, you can turn off the installation of the Mechanics and Construction modules. **We recommend installing these modules only if you have licenses for them.** Other modules – 3D, Raster and Topoplan - will be installed by default.

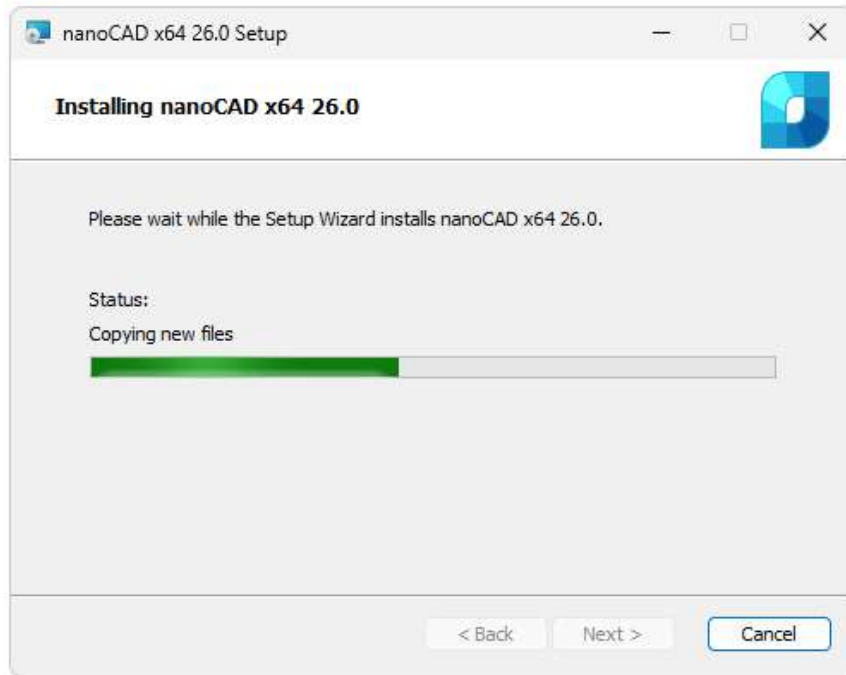
Choose the folder where the program will be installed. It is advisable not to modify the default folder.

Associate *.dwg (drawing), *.dwt (drawing template), *.dxf (drawing exchange format) and *.dws (standards) files with nanoCAD if needed.

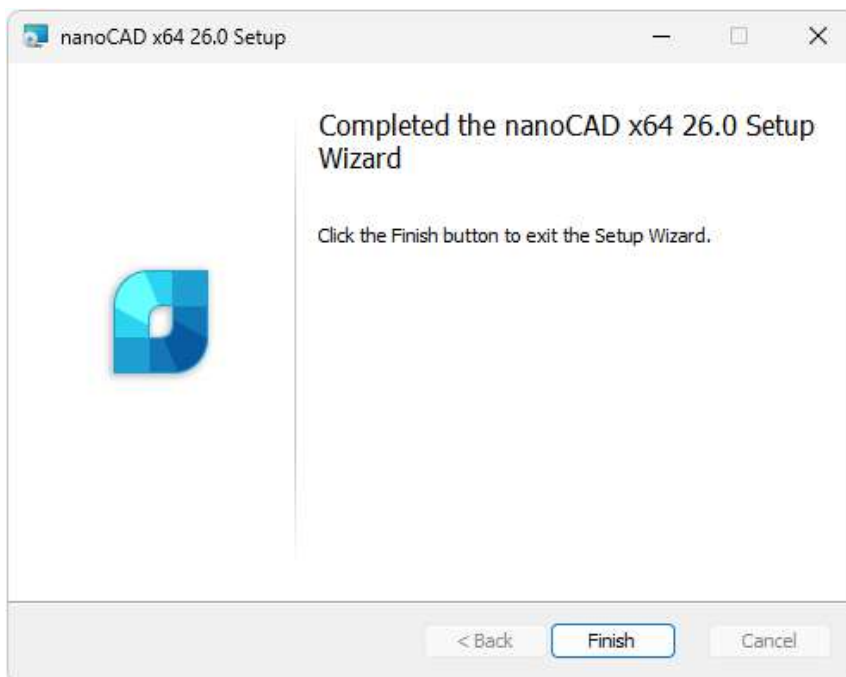


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Click the *Install* button to start the installation process:



After the installation process is completed, click *Finish* to run Registration Wizard and register nanoCAD.

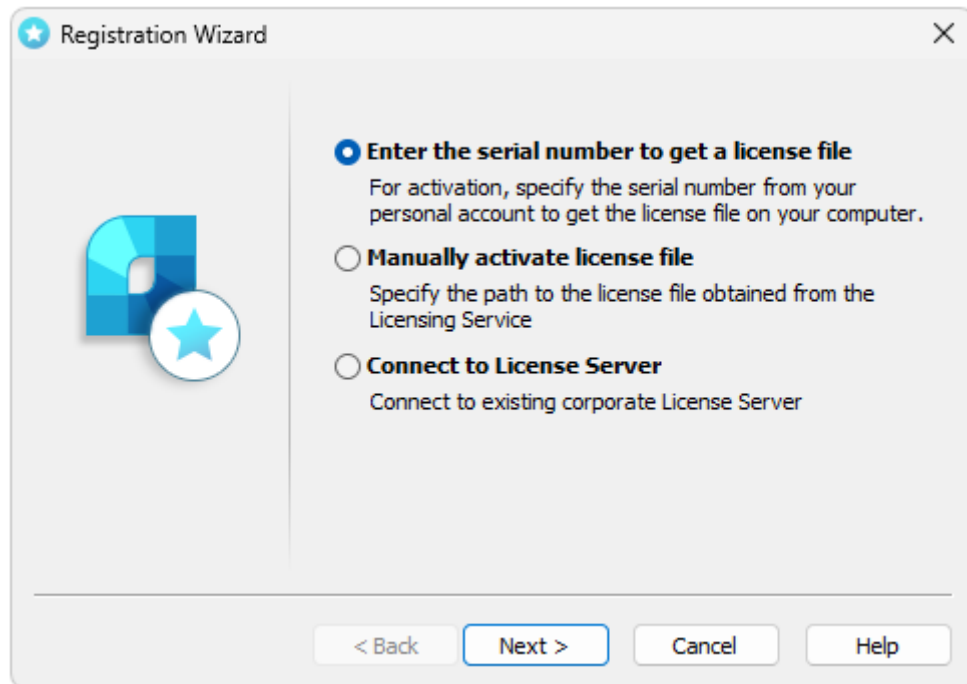


Registration Wizard also might be started manually: *Start menu – All programs – nanoCAD x64 26.0 – Registration Wizard.*

Registration

After the installation is complete, please launch nanoCAD from the shortcut. A window will appear notifying you that you do not have a license, click OK, and then the Registration Wizard will start.

- If you need to get a license file, choose *Enter the serial number to get a license file* option.
- If you have previously received license file and need to activate it, choose *Manually activate license file* option.
- If you use a network license and License Server is installed and runs, choose *Connect to License Server* option. Otherwise, close Registration Wizard: you should [install License Server](#) at first.

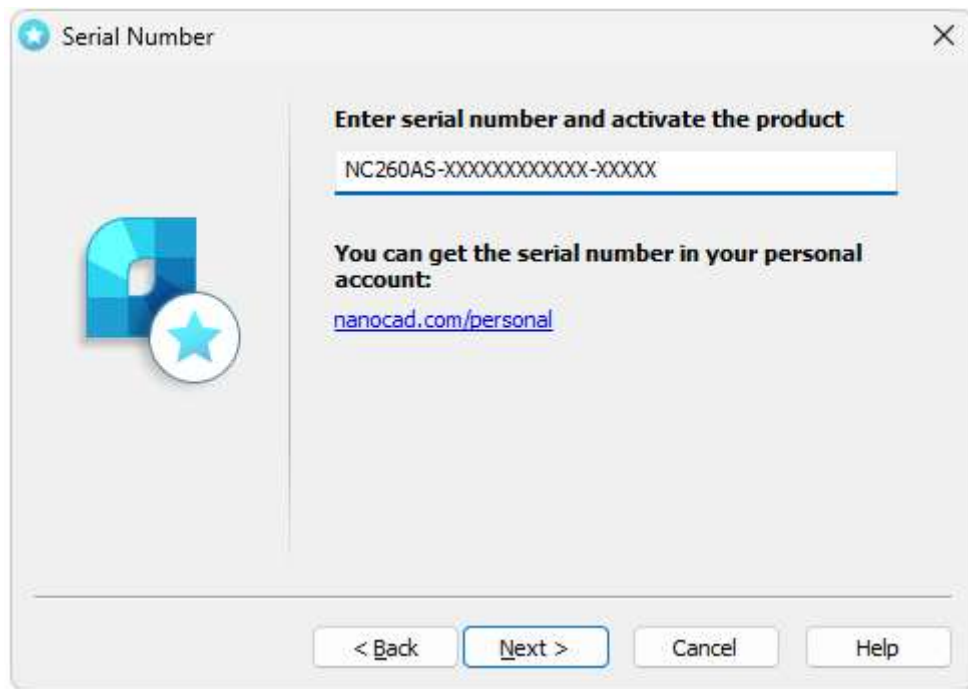


Enter the serial number to get a license file

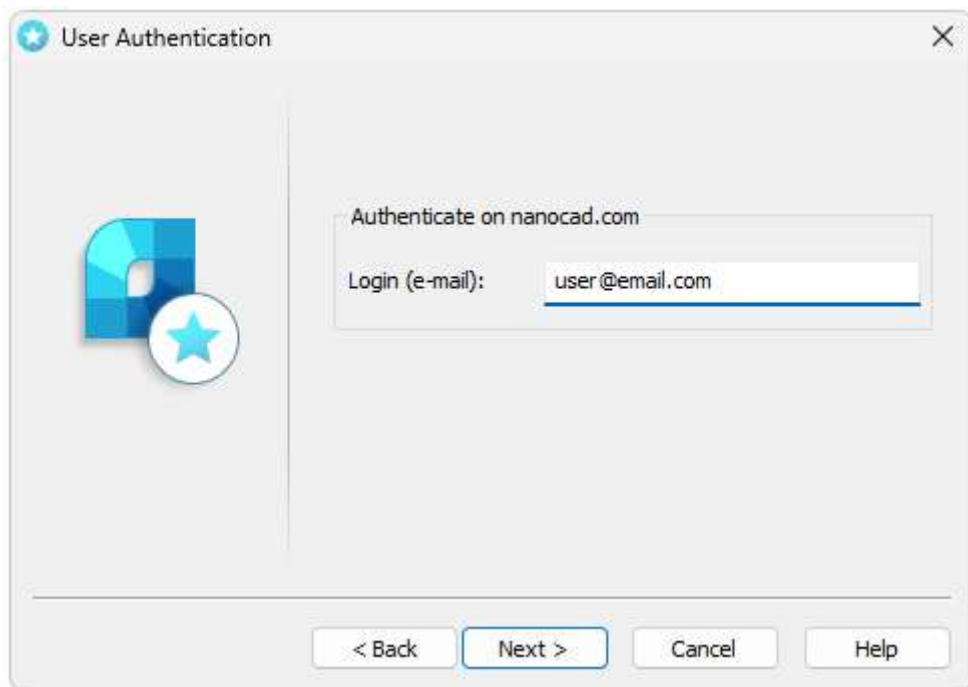
If you have a serial number, enter it in the field and click *Next*. The *User Authentication* window will be opened.

Otherwise, click on nanocad.com/personal link. You will be redirected to www.nanocad.com website. Follow site instructions for getting serial number, then start Registration Wizard again to activate your license.

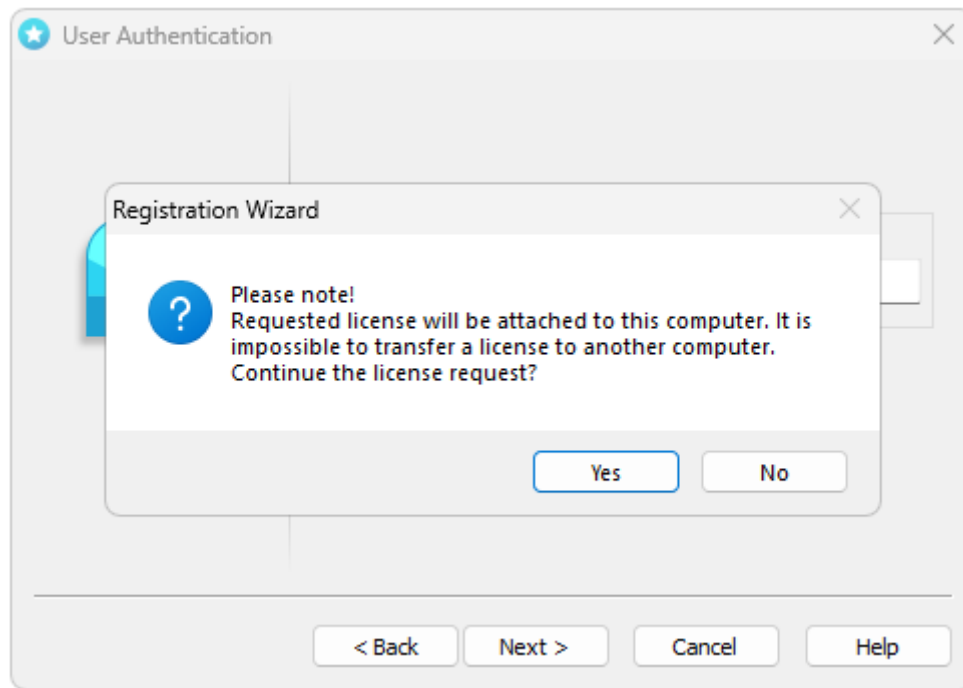
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In the User Authentication window, enter your login (it coincides with email you registered at nanocad.com).

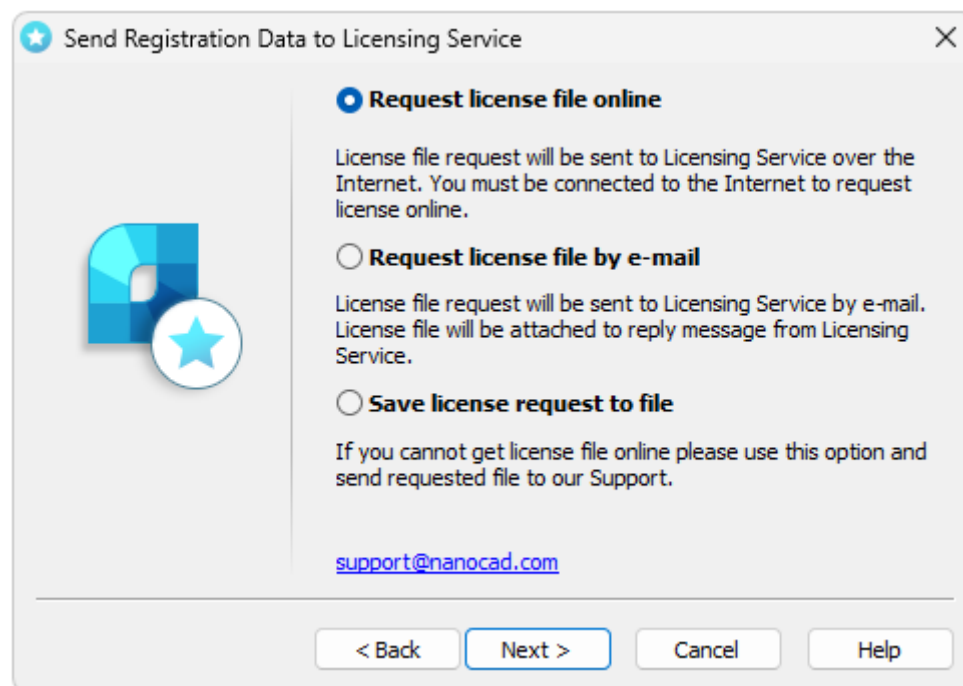


Click *Next* and then *Yes* to continue the license request:



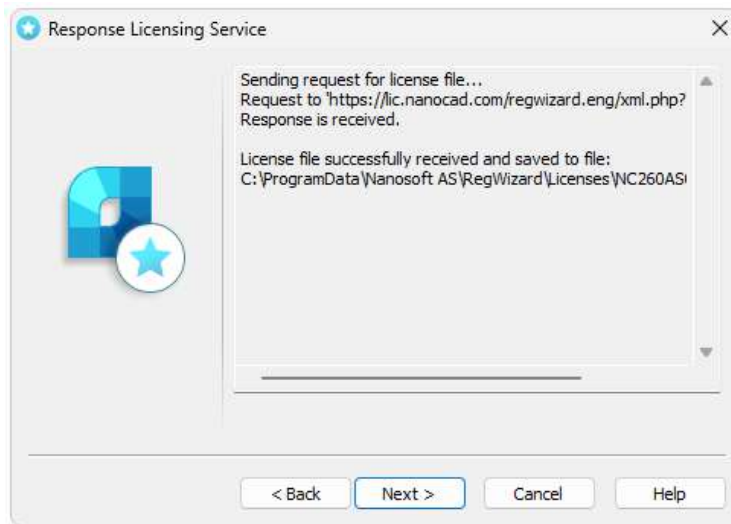
Then *Send Registration Data to Licensing Server* window will be opened.

Request license file online



This option can be chosen on computers that have an Internet connection. Registration Wizard connects with License Server through the Internet, gets the license, then saves it on your computer and activates automatically.

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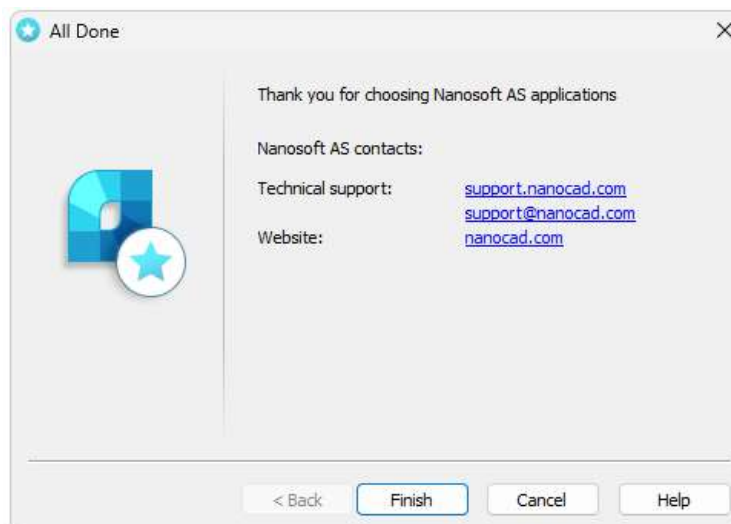


Note. License files are located in the following folder by default: *C:\ProgramData\Nanosoft AS\RegWizard\Licenses*.

The result of an online license request may be:

- license file successfully received;
- license file request failed;
- failed connection to Licensing Server.

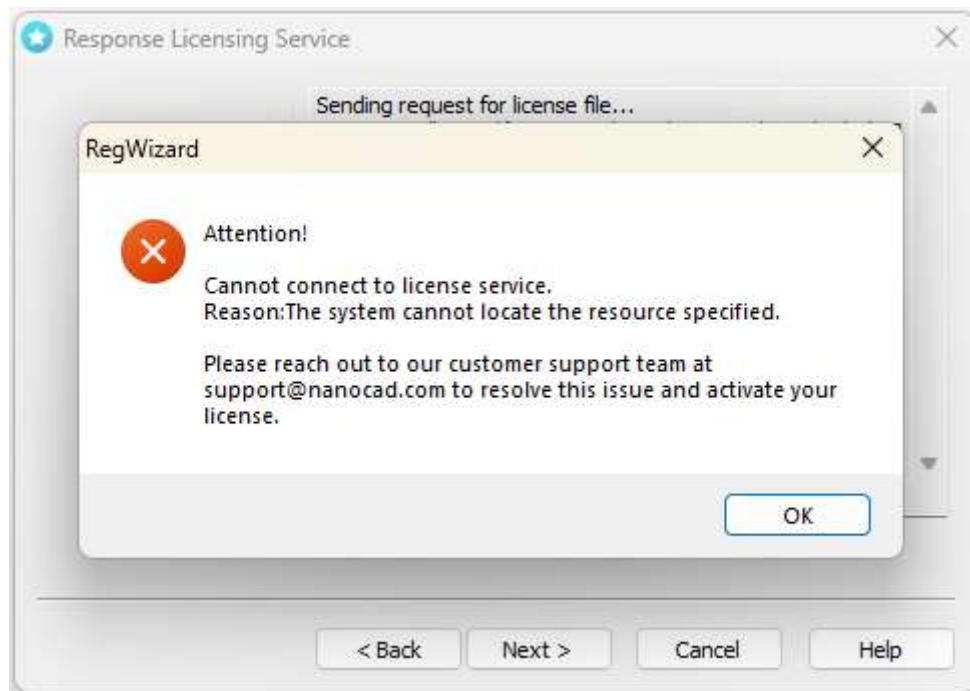
If the product was successfully activated, click *Next*, then *Finish*.



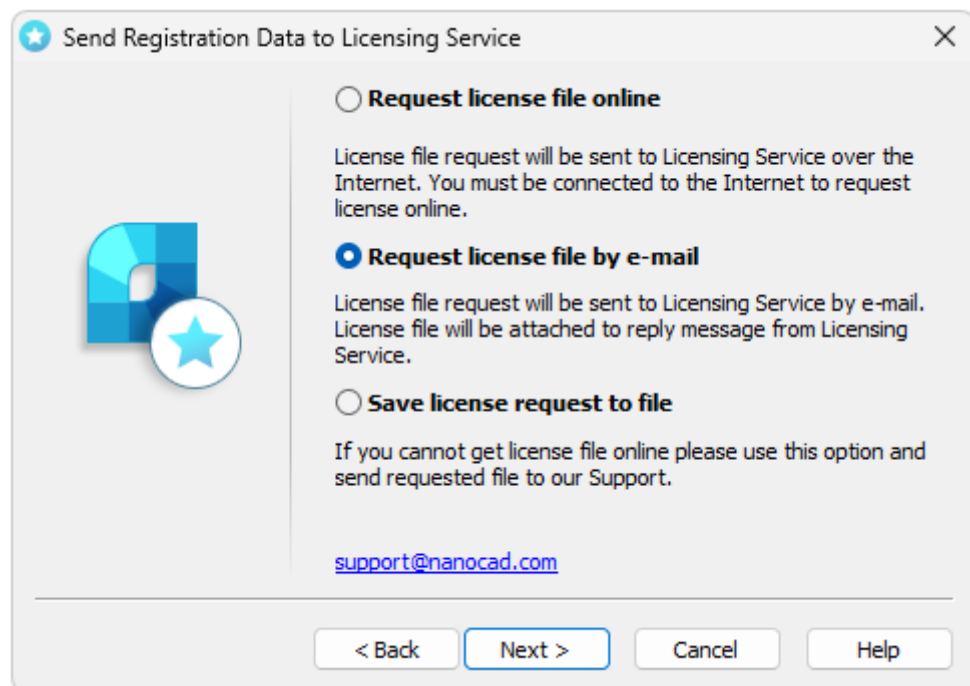
Congratulations! License file was successfully received. The product is activated.

If you do not have an Internet connection or receive an error message about a failed connection, request the license file using another method, as described below.

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Request license file by e-mail



It is possible to get license file by e-mail. Choose this option in *Send Registration Data to Licensing Server* window of the Registration Wizard. Email will be generated automatically; you should send it. Please do not edit the message just send it as it is.

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To:

Subject: Registration Request: App=nanoCAD x64 26.0, CDKey=NC260AS-XXXXXXXXXXXX-XXXXX, ID1

Body Text Variable Width [Rich Text Toolbar]

Please do not change the subject of the email, it will speed up the processing of the request.

CDKey=NC260AS-XXXXXXXXXXXX-XXXXX

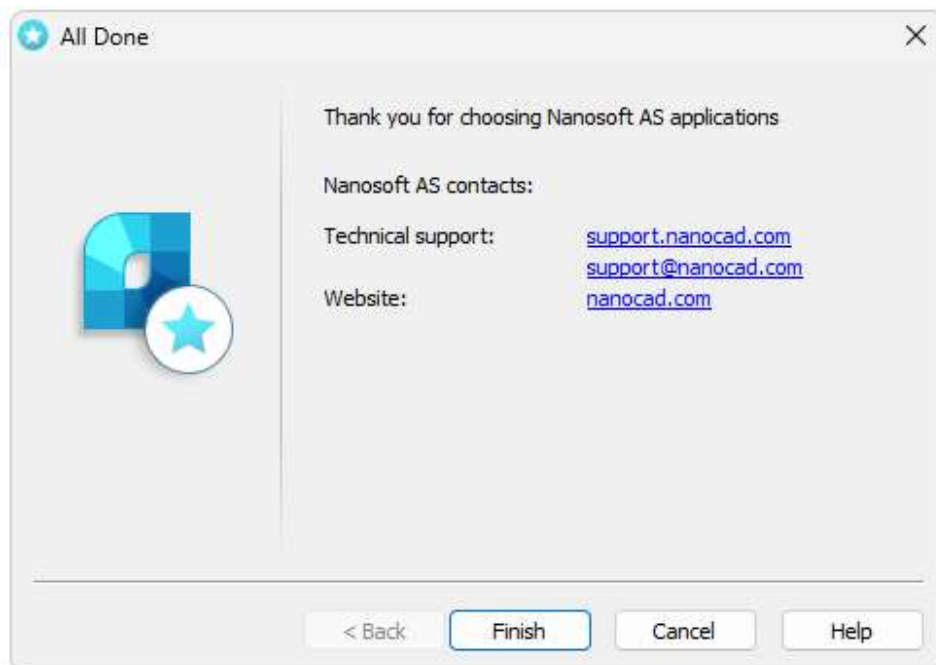
E-mail=user@email.com

Build=26.0.7294.4932

RWB=91

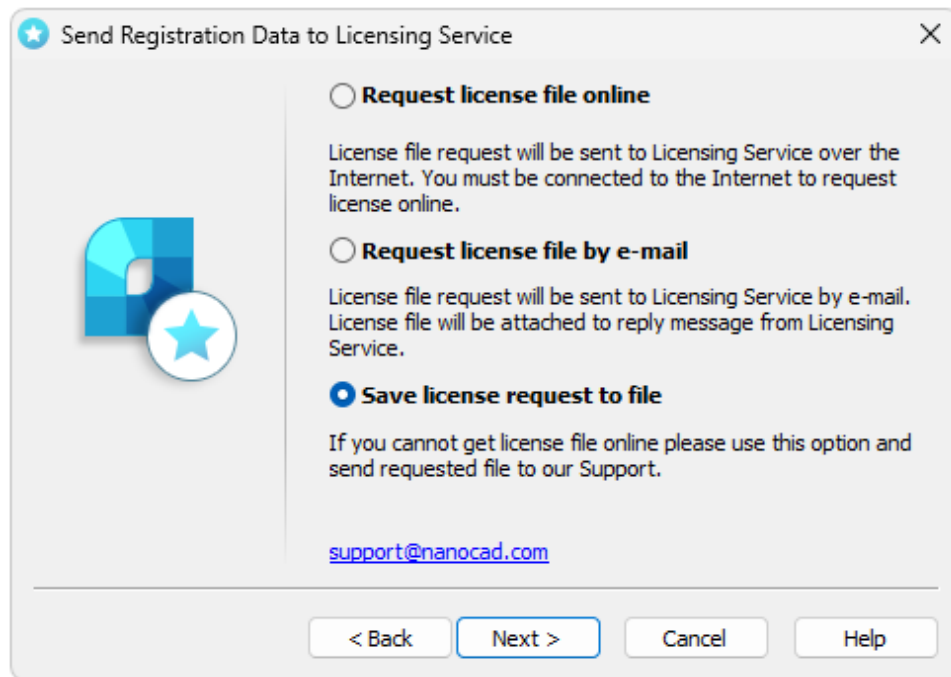
Customer=CustomerName

You will receive an email with the license file. Save this file on your PC, then start Registration Wizard and choose [Manually activate license file](#) option.



Click *Finish*.

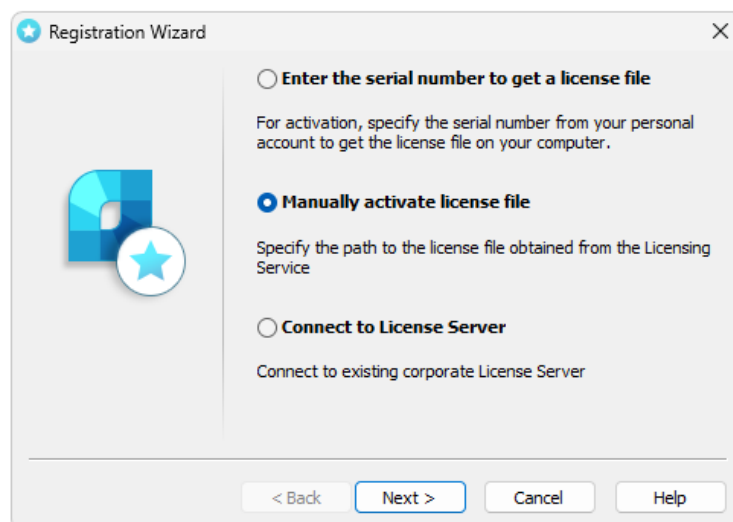
Save license request to file



It is possible to save license request in text file. You will be able to transfer this file to another computer and send it to Licensing Server or Support Portal through the Internet. Registration Wizard will automatically generate *LicenseRequest.eml* file – this is a text file containing important information for getting the license. Send this file to your support manager, then you will get the license file and further instructions.

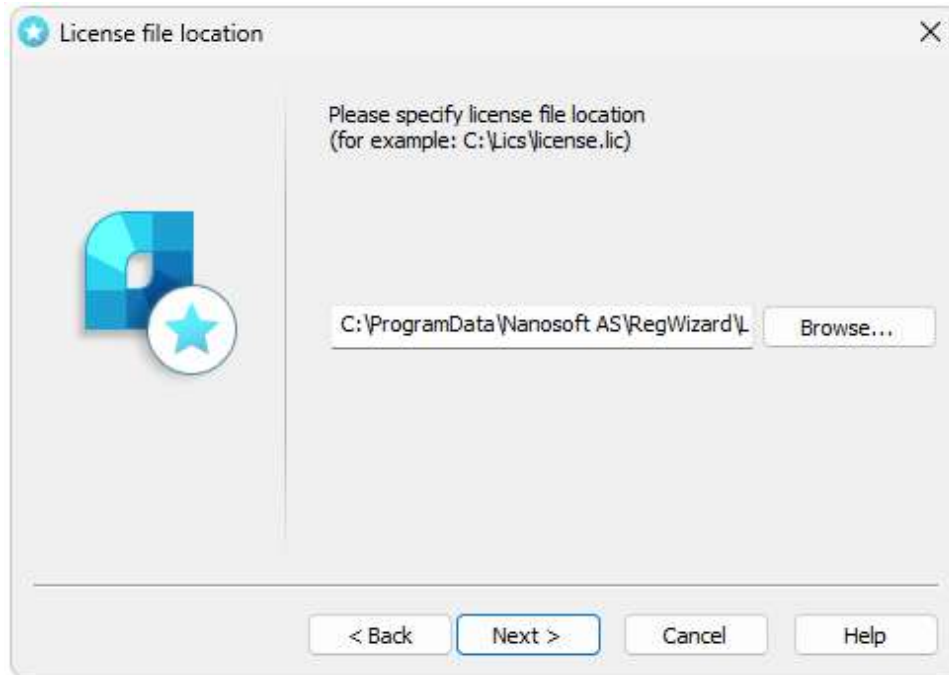
Activate license file

If you have received the license file, you should activate it. Save this file on your device. Start Registration Wizard, choose *Manually activate license file* option:



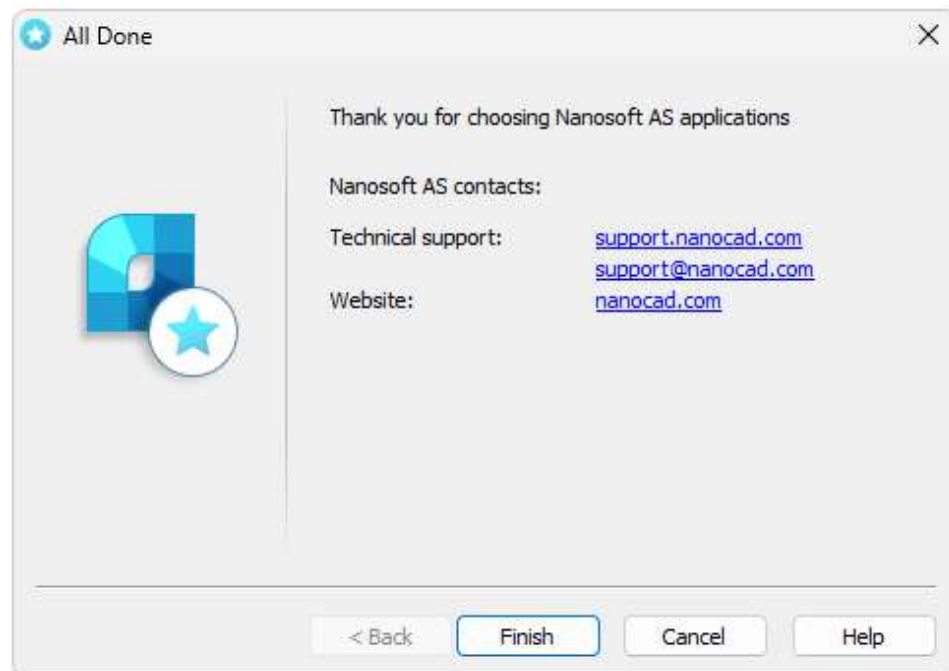
Click *Browse* to specify the location of the license file:

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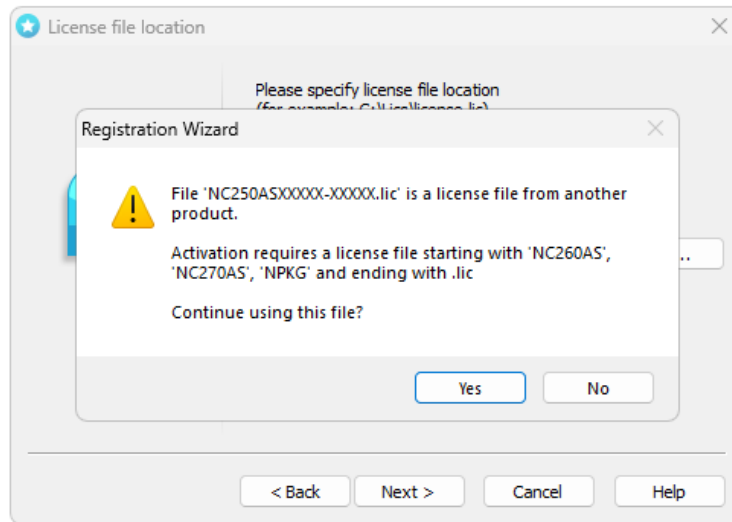
Click *Next*.

Congratulations! License file was successfully received. The product is activated.



If the chosen license does not match current product, you will receive message:

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Click *No* and select the proper license file.

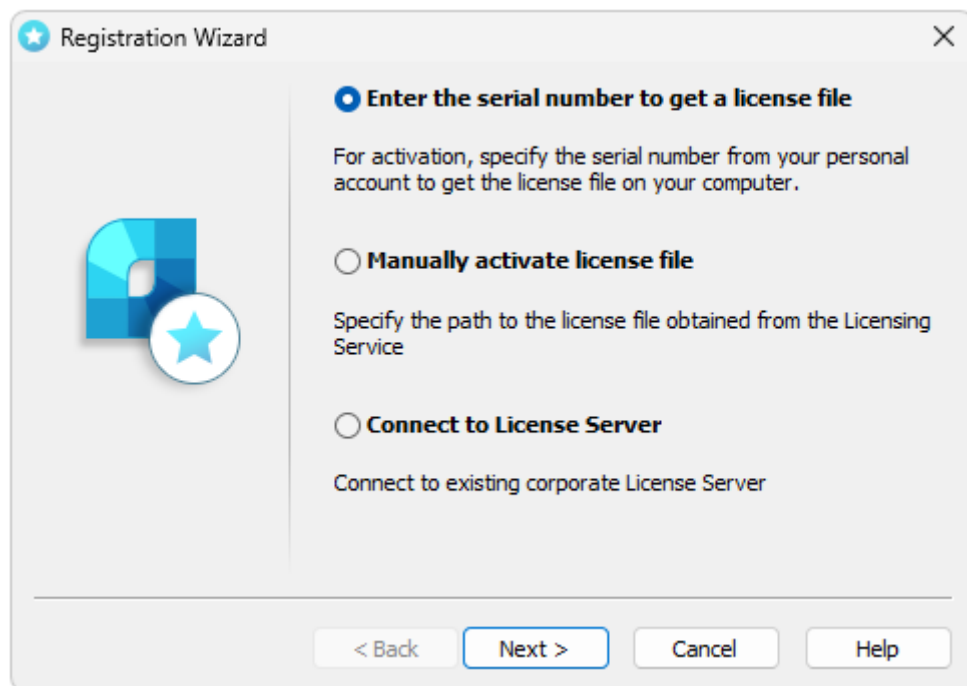
Network license activation

Network licensing requires a TCP/IP connection. Install License Server on one of the computers in the local network. Install nanoCAD on every computer which will use it, then connect nanoCAD with License Server through the Registration Wizard by the name of Server PC or its IP address.

Network license provides installing nanoCAD on any number of PCs, but no more than the number of paid PCs will be able to start nanoCAD at the same time.

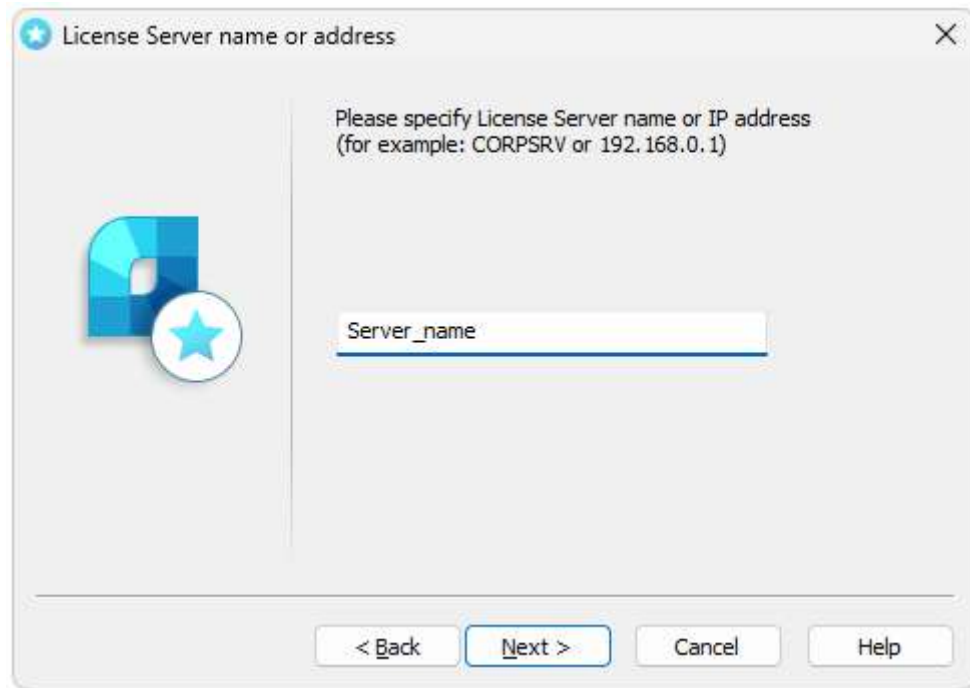
Connect to License Server

If CSoft AS License Server is installed on the local network, you should connect nanoCAD to it. Run Registration Wizard, choose *Connect to License Server* option and click *Next*:



Specify License Server

Enter the IP address of a computer where the License Server is running (for example, 192.168.0.1), or a NetBIOS name for this computer (for example, CORPSRV). If you use irregular ports, enter the name of port and server name: <port>@<server_name> (for example, 270010@CORPSRV):



Click *Next*.

Congratulations! The product is activated.

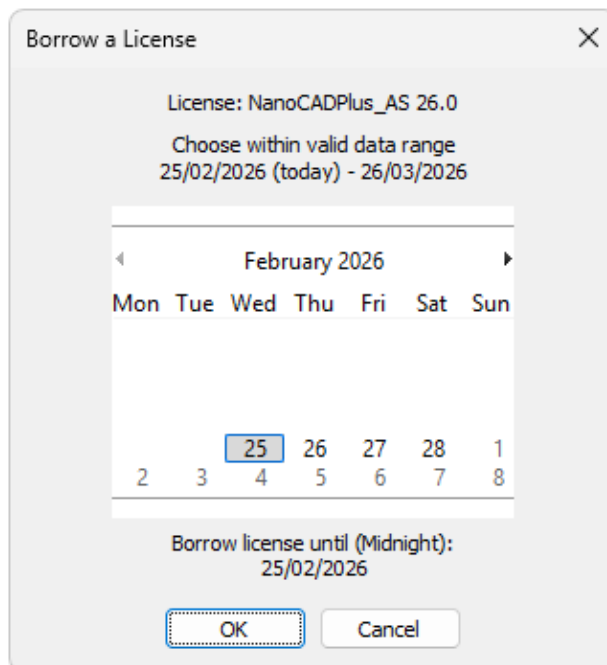
License Borrowing

License borrowing allows to use nanoCAD outside the local network during a certain time. This option doesn't work by default, please contact our Support Center support@nanocad.com for getting specific license file.

How to Borrow License

To borrow license from the License Server:

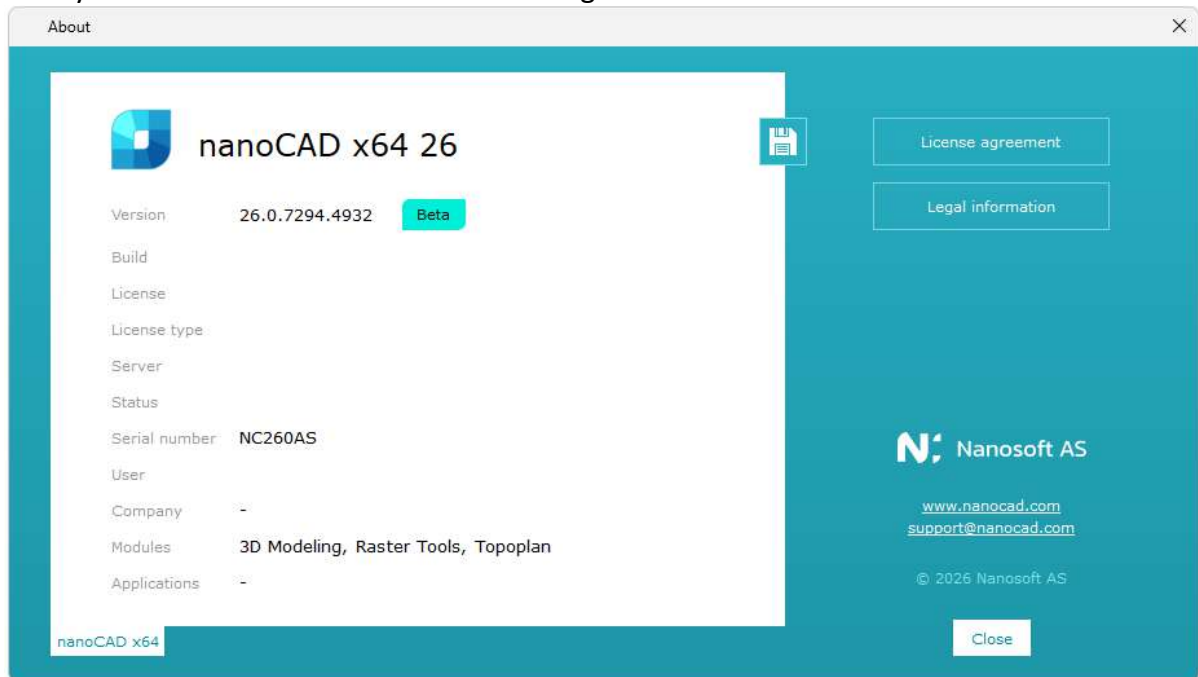
- call the BORROWLICENSE command in the nanoCAD command line;
- Specify end borrowing date and click *OK*.



At the end of the specified date the borrowed license will be returned to the License Server. To turn the license back to server earlier, connect nanoCAD to License Server and call RETURNLICENSE command.

About

You can find your license information in About dialog

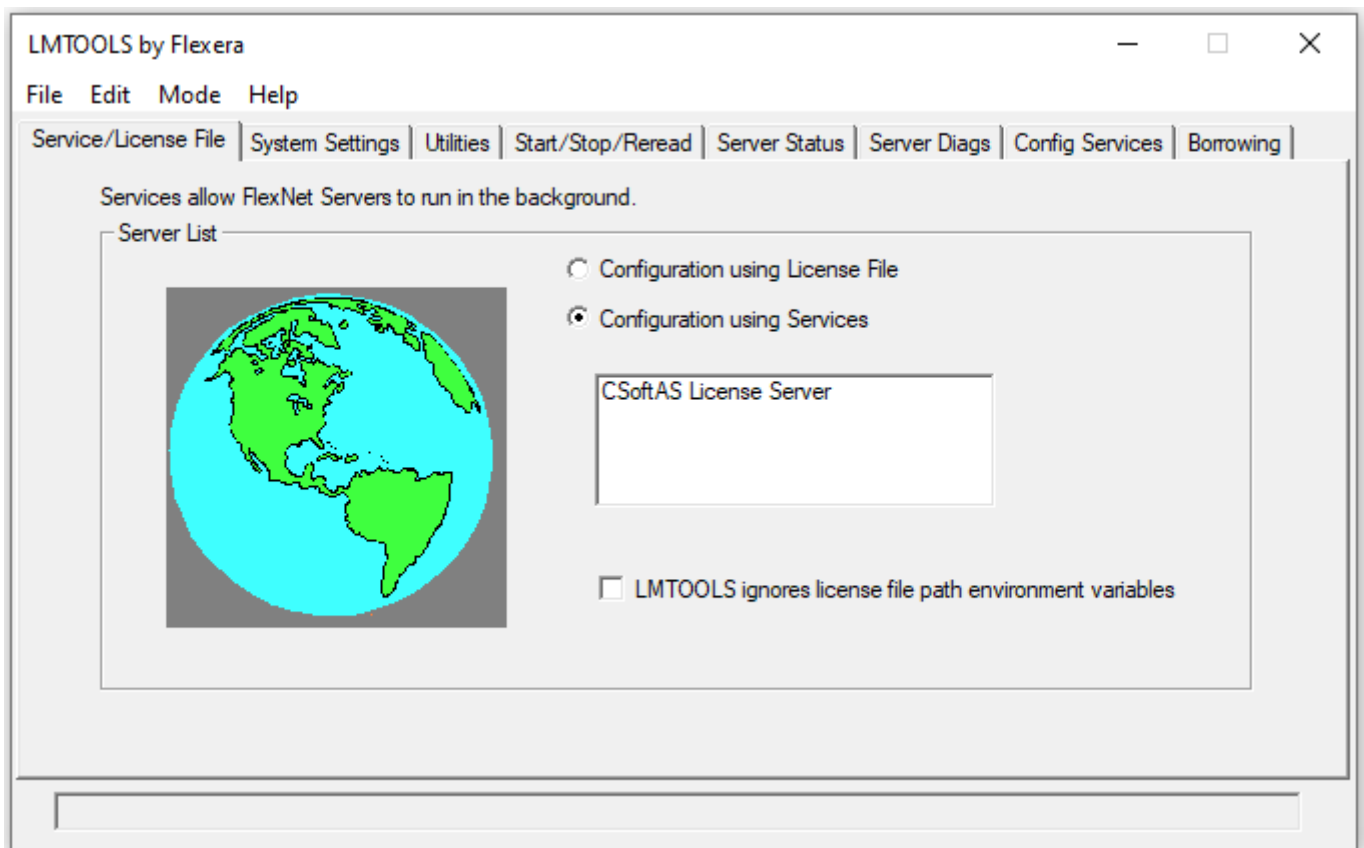


Network Licensing

Download the *License Server* utility from the website <https://nanocad.com/products/nanocad-platform/download/>.

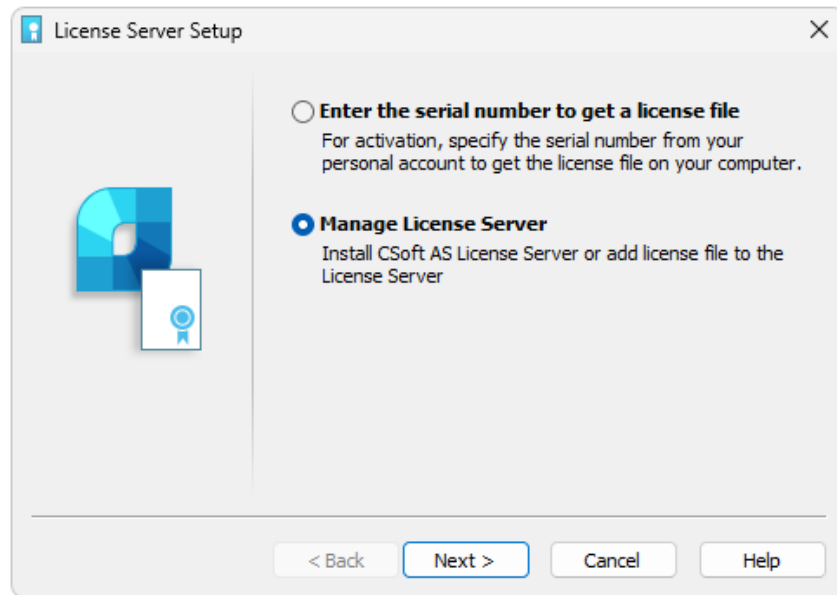
Network licensing in nanoCAD contains the set of utilities for installation, maintenance and control of network licenses:

- License Server Setup Wizard is a utility for installation and maintenance of network licenses. It installs, deletes, services the server part of the network license;
- CSOFT AS License Server is a Server part of network licensing; it includes the set of programs, utilities, services which control licenses and provide reports. You can find them at: C:\Program Files (x86)\CSoft AS\CSoft AS License Server



Run License Server

Start LicServSetupCSoftAS.exe file:



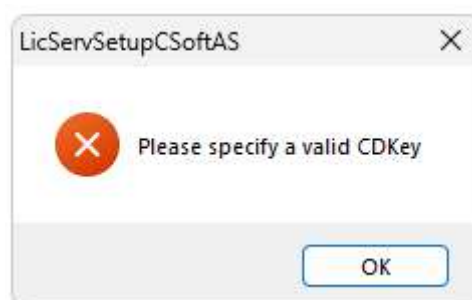
The first option *Enter the serial number to get a license file* is the main one. Choose it when you start License Server for the first time and need to install it or get a new license file for an existing server.

If you already have the license file, or you need to stop or delete License Server, choose the second option *Manage License Server*.

Request Network License

If you haven't received the license file yet, choose *Enter the serial number to get a license file* option. Enter the serial number of your **network** license and click *Next*. You can find it in your personal account on the website.

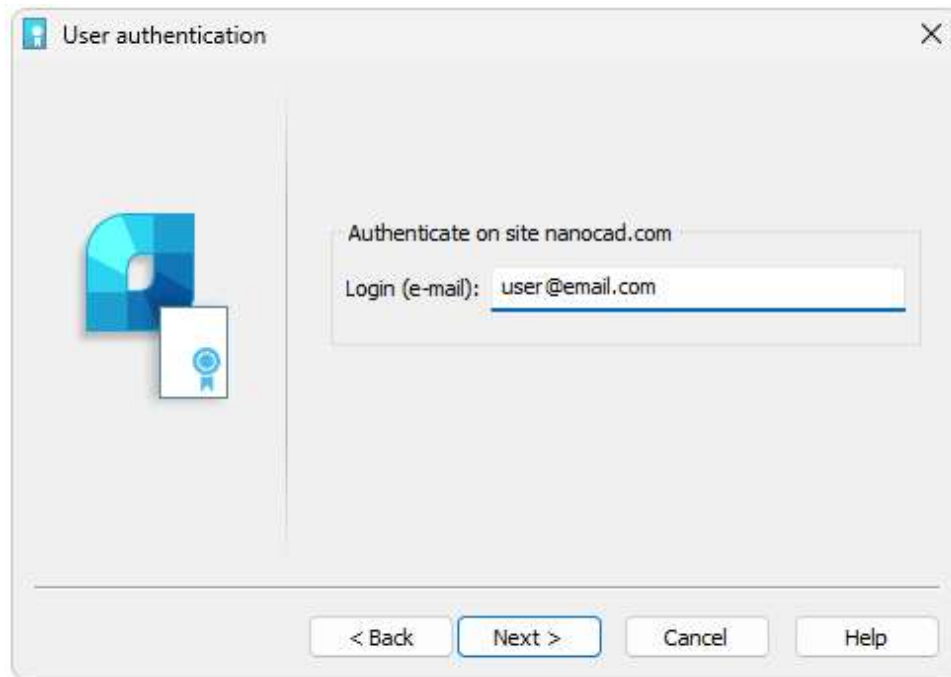
If serial number is invalid, you get message:



In this case click OK and check if you using proper serial number from your personal cabinet.

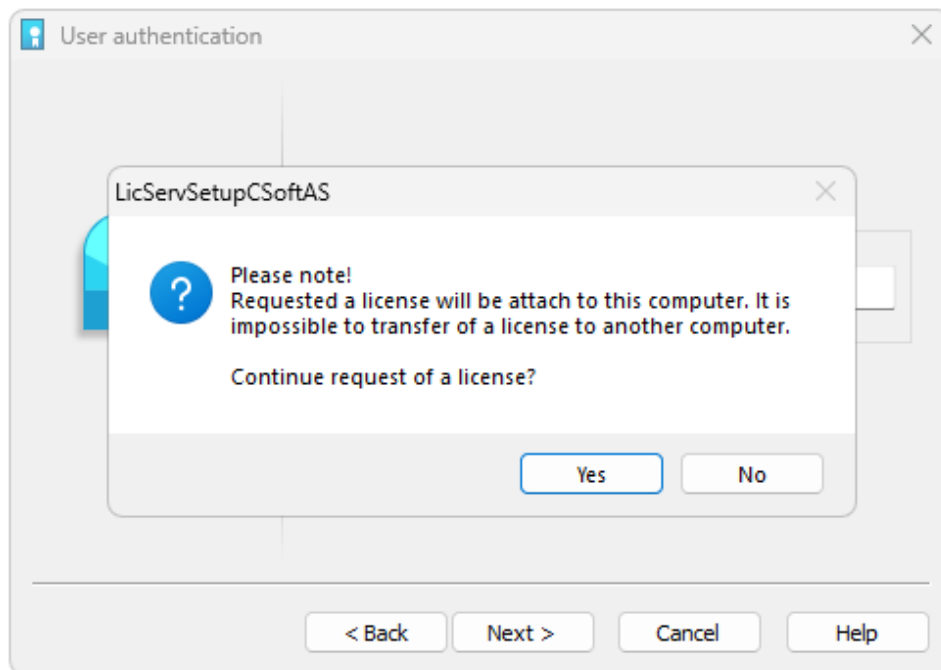
User Authentication

Enter your Login (the email address your account is registered to).



Confirm Registration Data

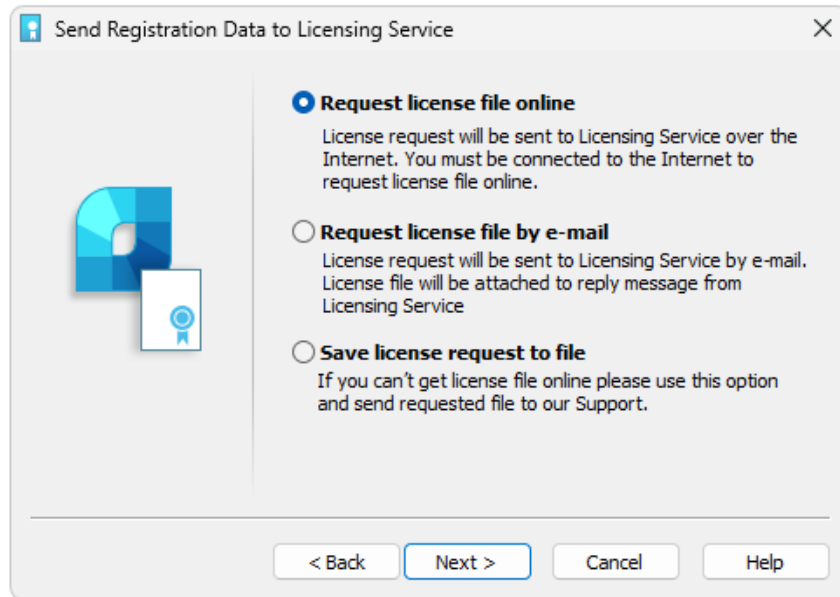
Click *Yes* and then *Next* to request for a license:



Send Registration Data to Licensing Server

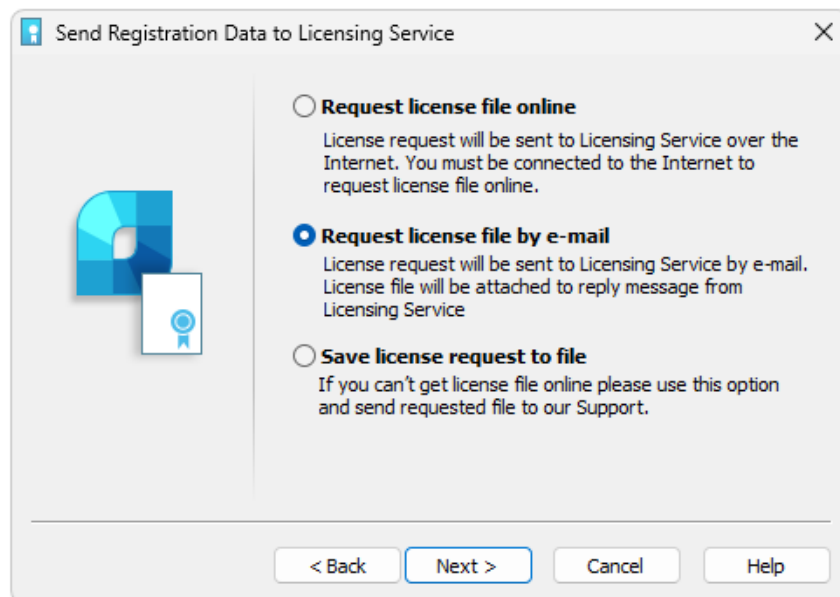
Choose one of the methods to get the license file.

If your device has an Internet connection, choose *Request license file online* option and click *Next*.

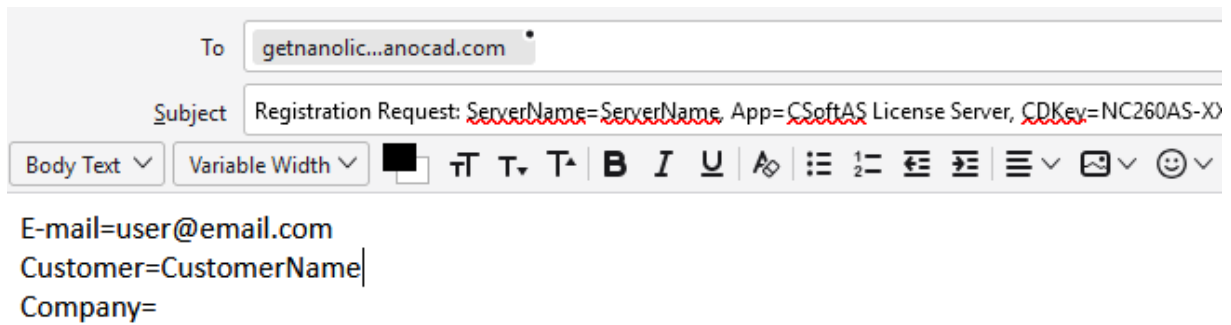


Request license file by email

It is possible to get a license file by e-mail. Choose this option in *Send Registration Data to Licensing Server* window of the License Server Setup.



Email will be generated automatically. Please do not edit this message, just send it as it is.

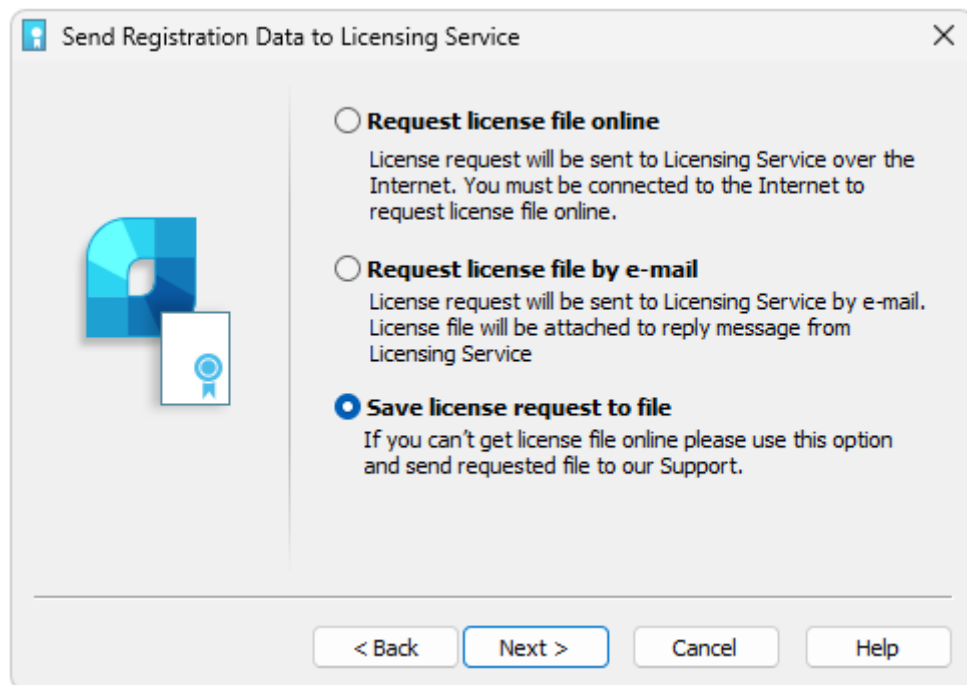


The screenshot shows an email composition window. The 'To' field contains 'getnanolic...anocad.com'. The 'Subject' field contains 'Registration Request: ~~ServerName=ServerName~~, ~~App=CSoftAS License Server~~, ~~CDKey=NC260AS-X~~'. Below the fields is a rich text editor toolbar with options like 'Body Text', 'Variable Width', and various text formatting icons. The email body contains the following text:

E-mail=user@email.com
Customer=CustomerName|
Company=

Save license request to file

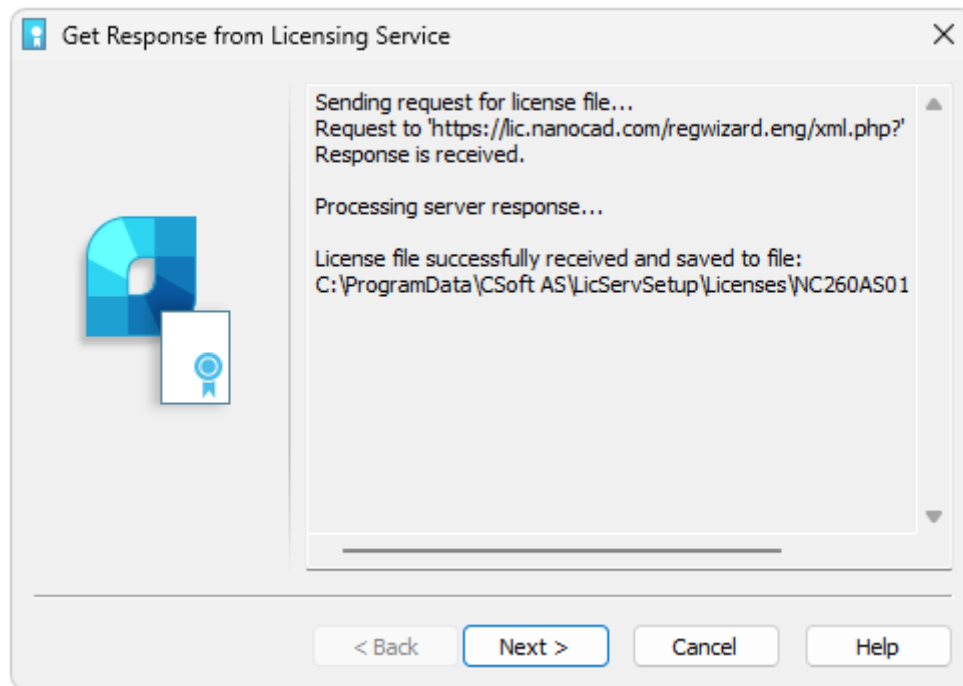
It is possible to save a license request to text file. You will be able to transfer this file to another computer with Internet connection and send it to Licensing Server or Support Portal. Program will automatically generate *LicenseRequest.eml* file – it is a text file with important information for getting the license. Send this file to your support manager, then you will get the license file and further instructions.



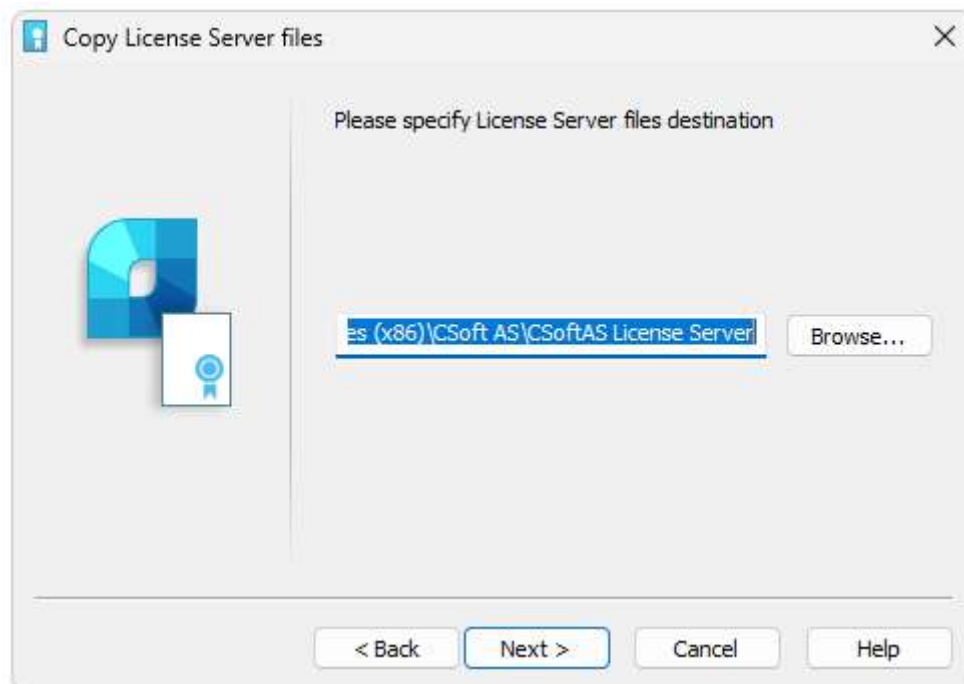
Respond from Licensing Service

If you request the license file online, License Server will receive it, then you should configure License Server.

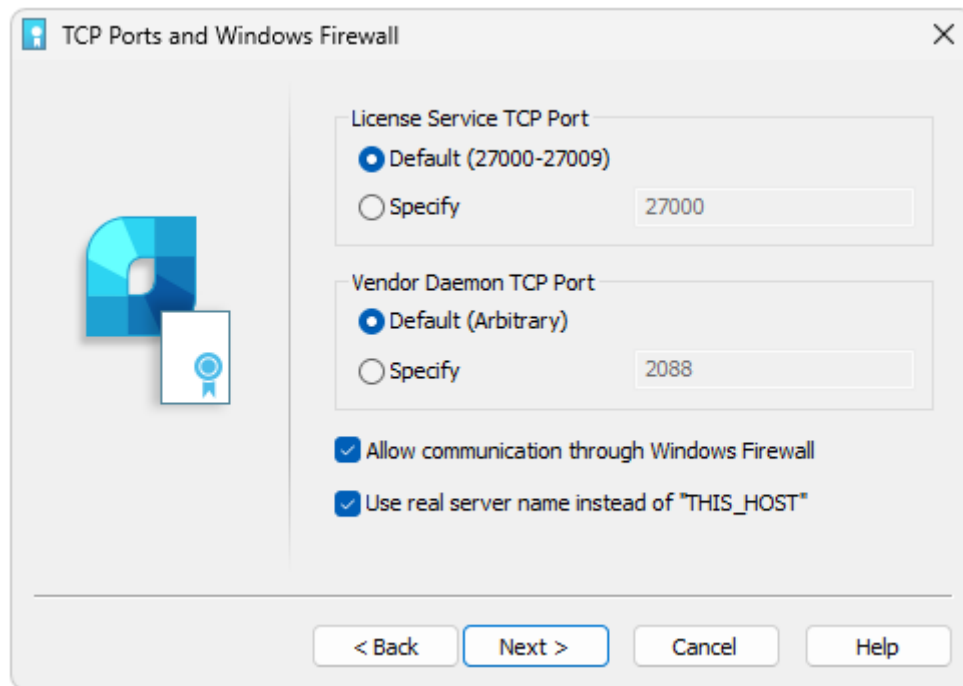
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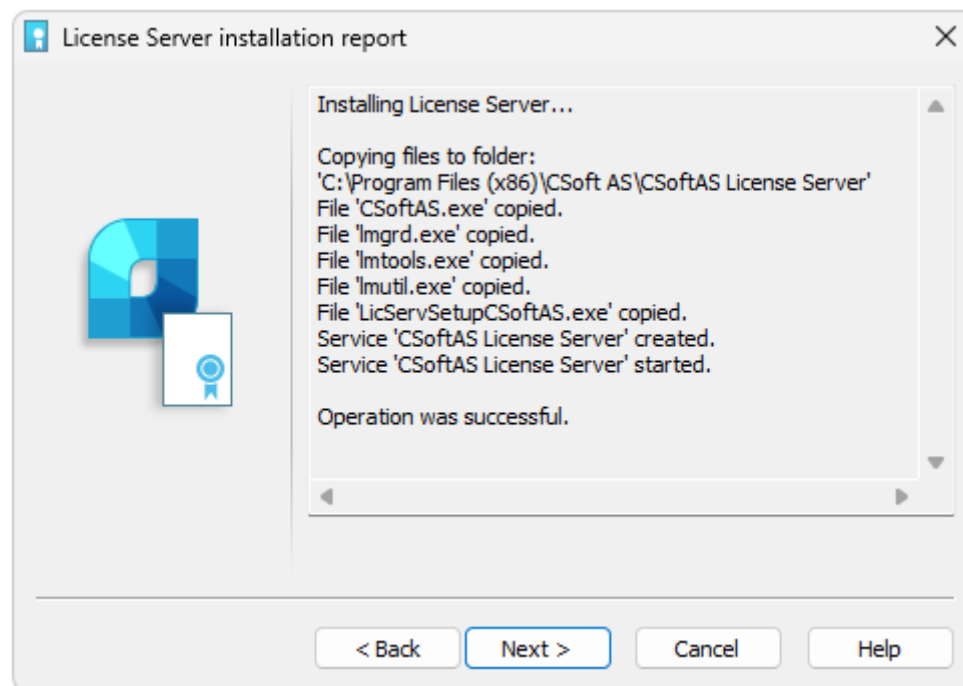
Specify License Server files destination:



Click Next then, if needed, set specific Ports.



Click Next.

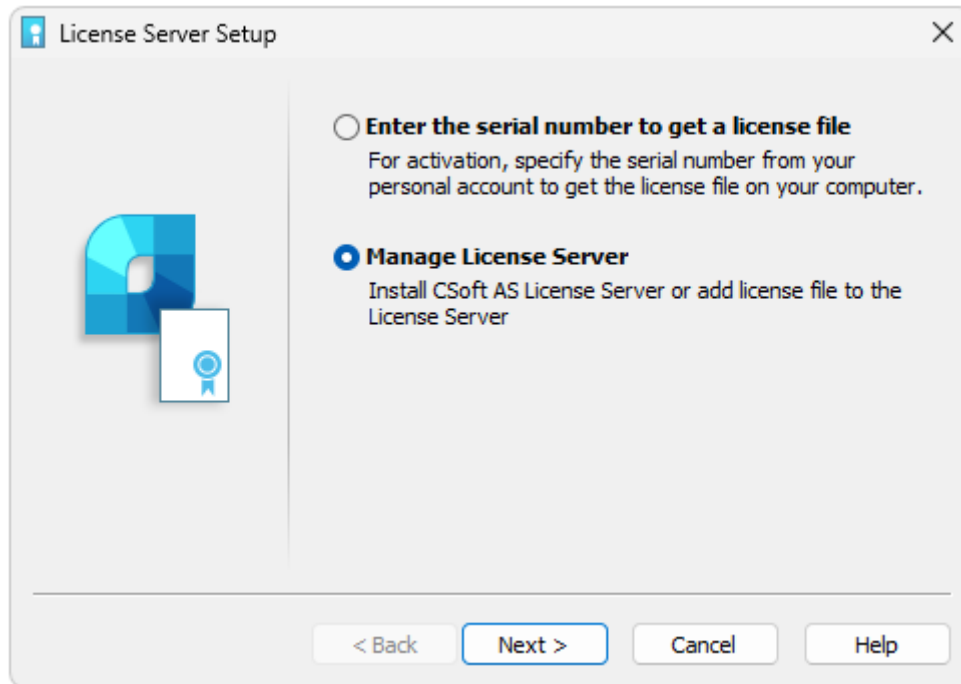


And then Finish.

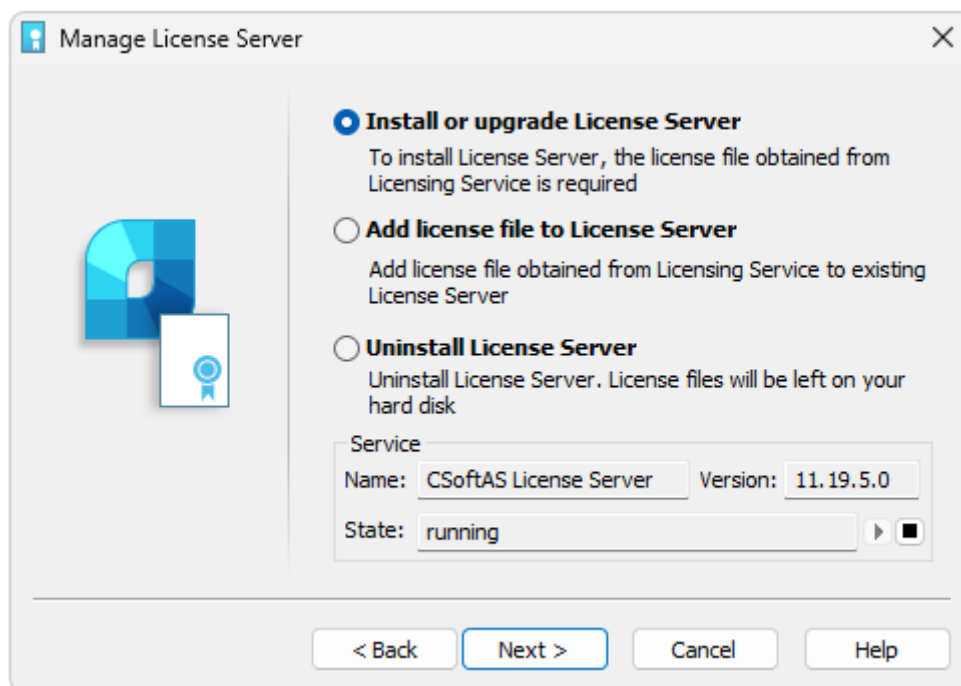
Congratulations! License Server successfully installed.

Configure License Server

If you already have a license file, you can install and configure License Server. Run License Server Setup Wizard, choose *Manage License Server* option:



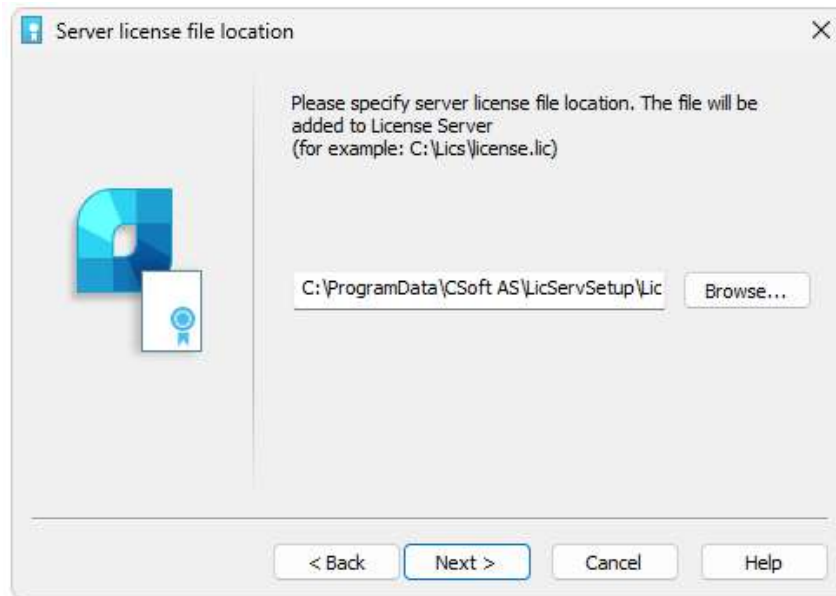
Manage License Server window includes several options:



- Install or upgrade License Server. Use this option if the License Server is not installed yet. Specify the location of the license file, then click *Next*.

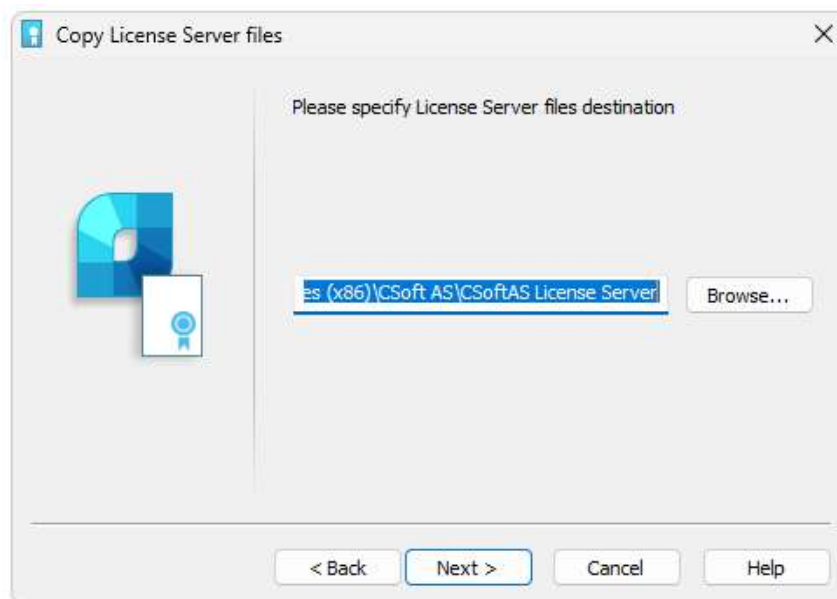
Click *Next*.

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Specify path to copy License Server files. Default path for License Server to install is:

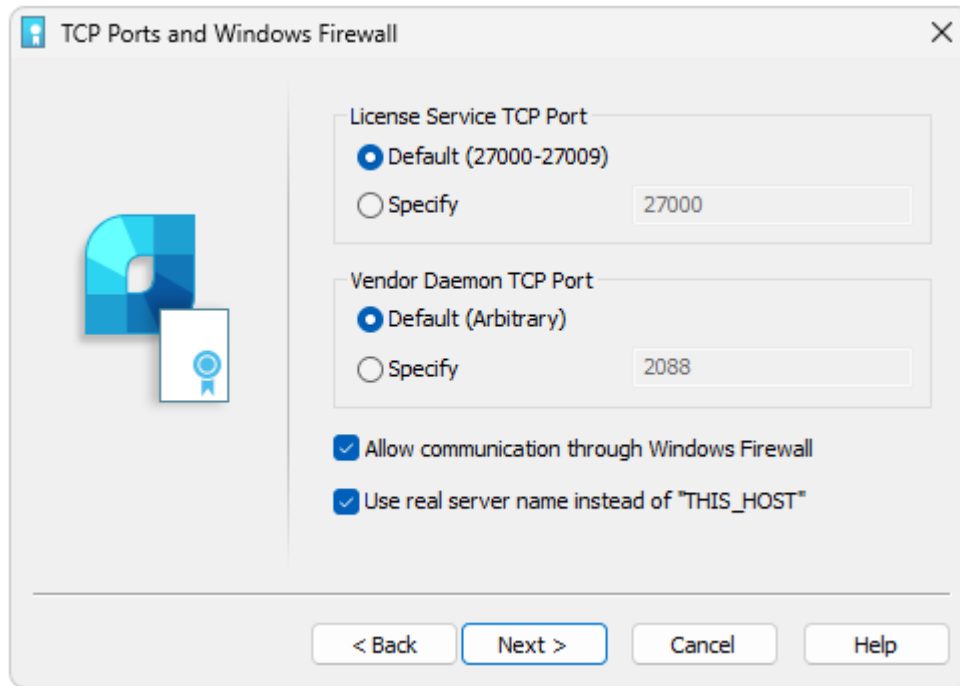
C:\Program Files (x86)\CSoft AS\CSoftAS License Server



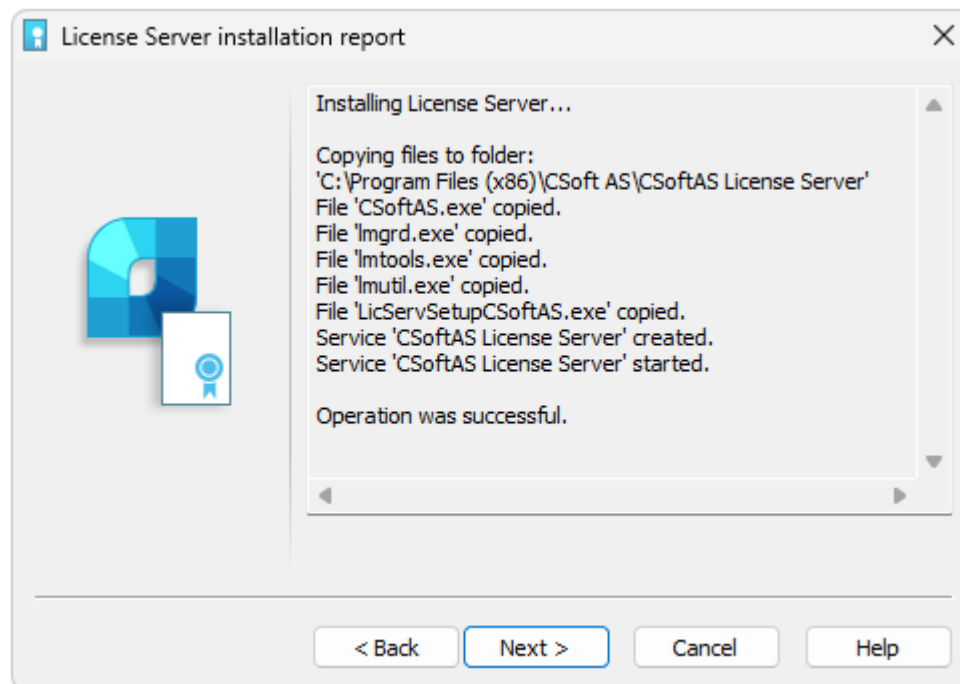
Click Next.

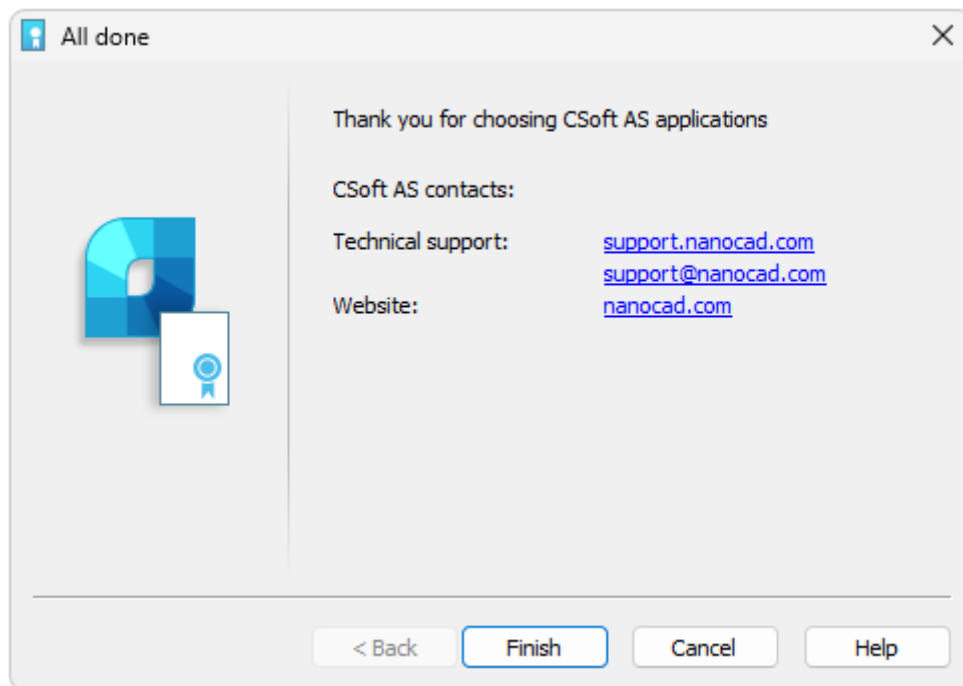
Then specify License Service and Vendor Daemon TCP ports. You can use default ports or set specific ones.

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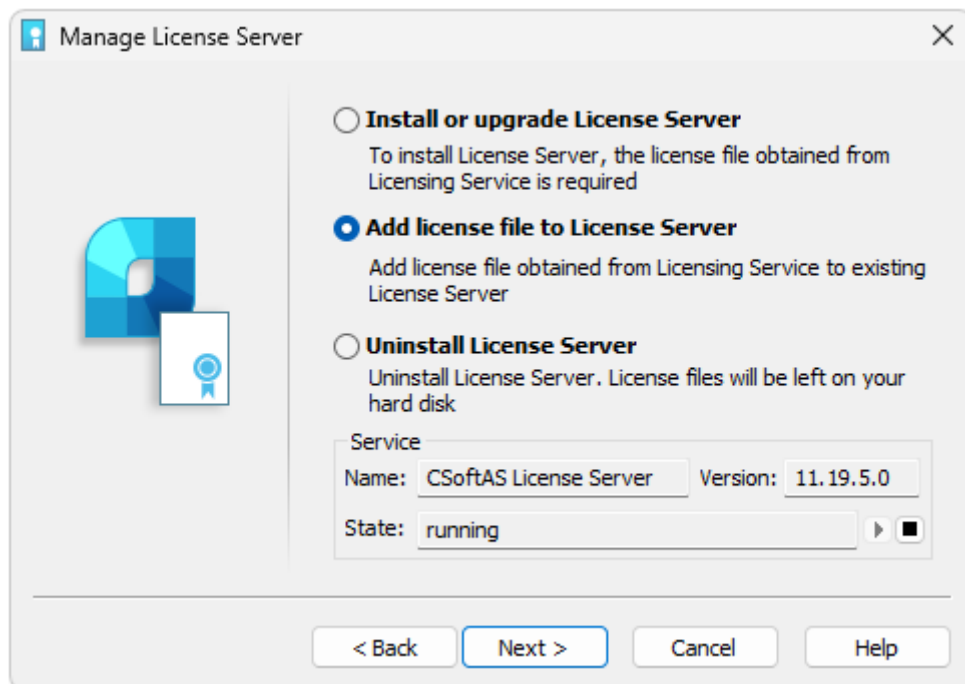


Click *Next* and then *Finish*:





- Add License File to License Server. Use this option when License Server is installed and works, and you need to update or upgrade the current license. Specify the license file location and click *Next*.



The License file will be added to the License Server. The Server will be restarted automatically.

Possible problems and how to fix them

You can read information about the most common problems below. If you cannot solve the problem, contact our Support Center: support@nanocad.com or <https://support.nanocad.com/>

Get error when start setup.exe file

1. Make sure the installation file is downloaded completely and correctly.
2. Make sure the computer meets the system requirements for the software.
3. Try to install nanoCAD on another computer.
4. Try to localize the problem and send the message to Support Center.

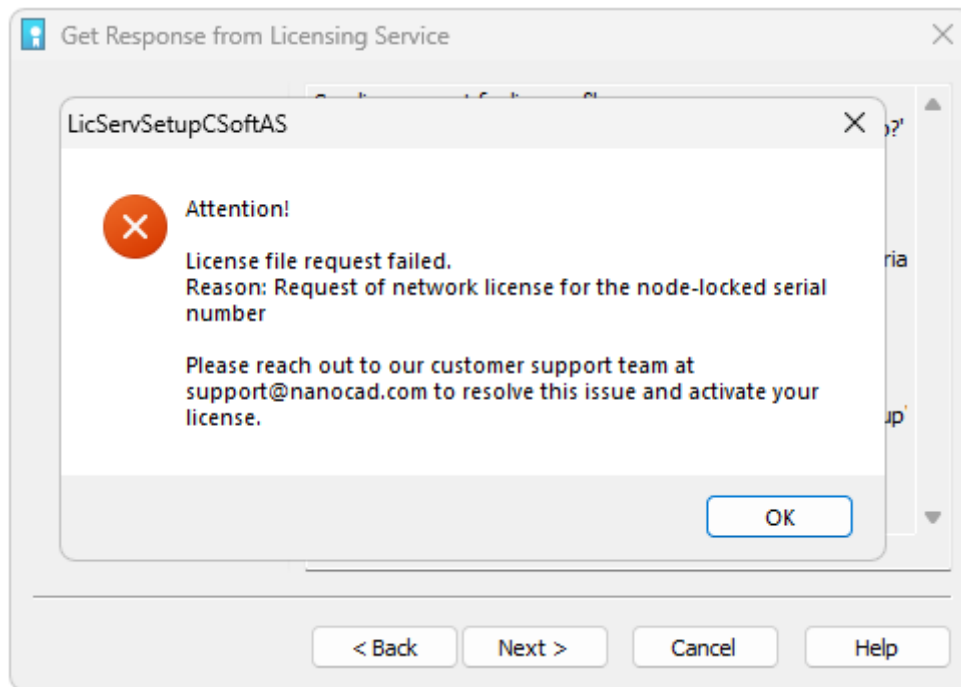
Installation Wizard does not accept serial number

1. Make sure that you enter the serial number for the software you are installing. For example, NC260AS-xxxxxxxxxxx-xxxxx for nanoCAD 23, it is another product. Serial number that starts with NC260AS is suited to nanoCAD 26.0 version.
2. Make sure that you entered all the symbols correctly. Serial number doesn't include O letter, only 0 digit.
3. Make sure the inserted serial number doesn't include non-printable characters (space, tab, etc.).
4. Contact Support Center. Don't forget to specify the name and version of the software and the serial number you're trying to activate.

Software does not run

1. Make sure the computer meets the system requirements for the software.
2. Make sure that the installed files are not damaged. For example, if the computer is infected with virus, then antivirus software can move nanoCAD's files to the quarantine.
3. Contact Support Center. Try to explain the problem in detail, don't forget to specify the version of nanoCAD.

Error: Request of network license for the node-locked serial number



This error occurs when you try to activate workstation license with Licensing Server. To activate workstation license, please, use Registration Wizard, not Licensing Server. Licensing Server is to register network licenses.