License Manager User Manual

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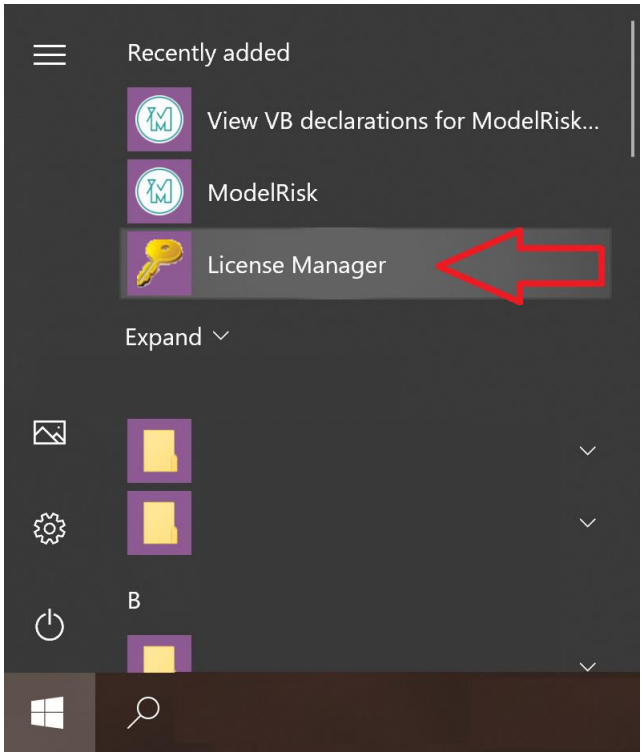
1. DESRIPTION

1.1. Purpose

The License Manager can be used to manage the licenses of the VOSE software products.

1.2. Start of License Manager

When you install the software, you will be able to access the ModelRisk License Manager from the Start Menu: Programs->Vose Software->ModelRisk->License Manager.



1.3. Types of Licenses

Two types of licenses supported:

1. **Personal license** is designed for individual usage. This type is suitable when the application is used intensively by a user.
2. **Network license** authorizes the software use centrally within the local network. The Network license limits the number of concurrent users in the company network. The Network license can save license costs when the software is used infrequently by many users.

1.4. Activation options

Depending on internet access availability one of the two activation options is supported:

1. **On-line activation** is the easiest and fastest way, which allows activation of the software over the internet by entering the License ID and Password. One can use this option to activate both Personal and Network licenses provided that the workstation has internet access.
2. **Manual activation** is a step-by-step process which is used when the internet access is significantly limited or not available. This option entails 3 stages:
    a) In the first stage the user enters the License ID and Password and saves encrypted license data to a special file (Request file). The file is copied to a mobile storage device (e.g. a flash drive)
    b) In the second stage the user uses another machine which has internet access in and opens a special activation page: https://secure.softwarekey.com/solo/customers/ManualRequest.aspx . The Request file that was created in the previous stage is uploaded from the flash drive. When done the user receives the Response file generated by the website.
    c) In the third stage the user opens the Response file in License Manager on the original machine.

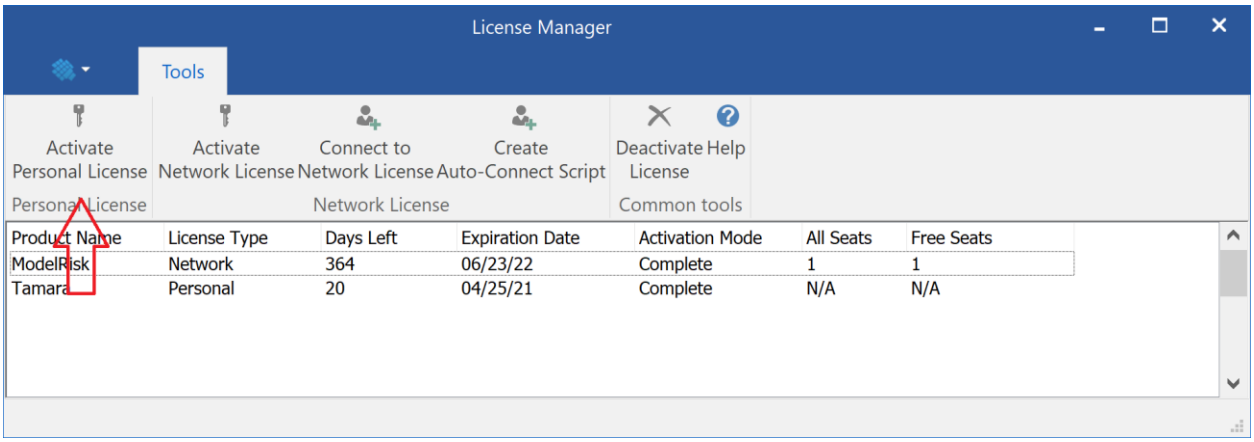
1.5. Used network ports and protocols

1) To activate the software products successfully one should open an access to the Internet through the TCP ports 80 and 443 (for the HTTP AND HTTPS protocols functioning). When the software product is activated the Internet access is only used for the automatic checking of the available updates. If this option is not needed, the Internet access can be closed.

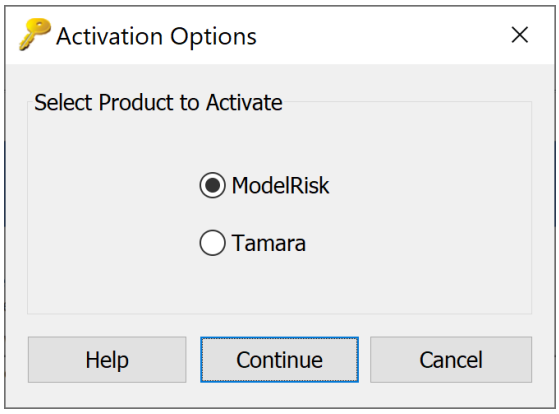
2. Personal License Activation

2.1. Activation Wizard

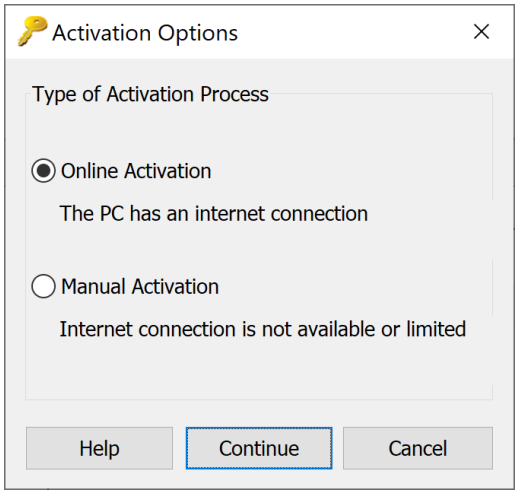
Use Paragraph 1.2. to start the License Manager. The Personal License is activated by clicking on the button on the toolbar which starts the Activation Wizard:



Select the software product to activate:



Then select the Activation option, depending on the internet availability:



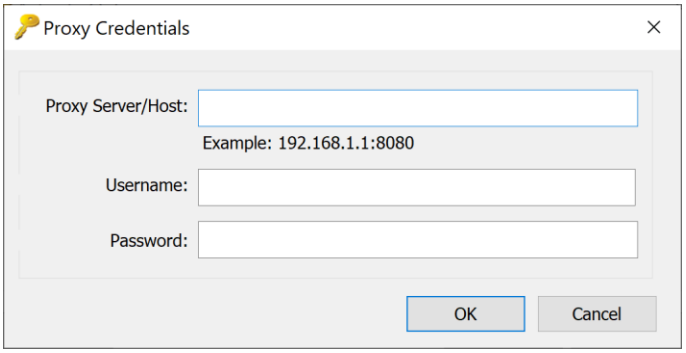
2.2. Online Activation of the Personal License

If the Online Activation is chosen in the second stage of the Wizard, then you will need to enter the License ID and Password in the input field of 'Activate Online':



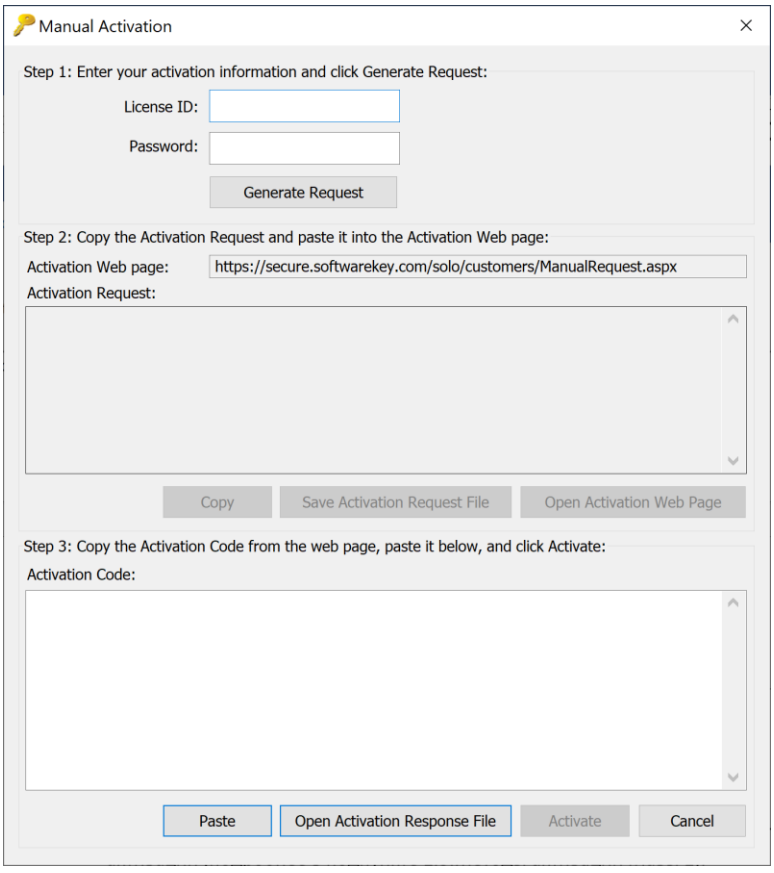
Confirm the input by clicking the 'Activate' button.

Note: If the internet connection is through a proxy-server, then the proxy server credentials must be entered ('Proxy' button above) Proxy server credentials interface is shown below:



2.3. Manual Activation of the Personal License

If Manual Activation is chosen in the second stage of the Wizard it will show the following window:

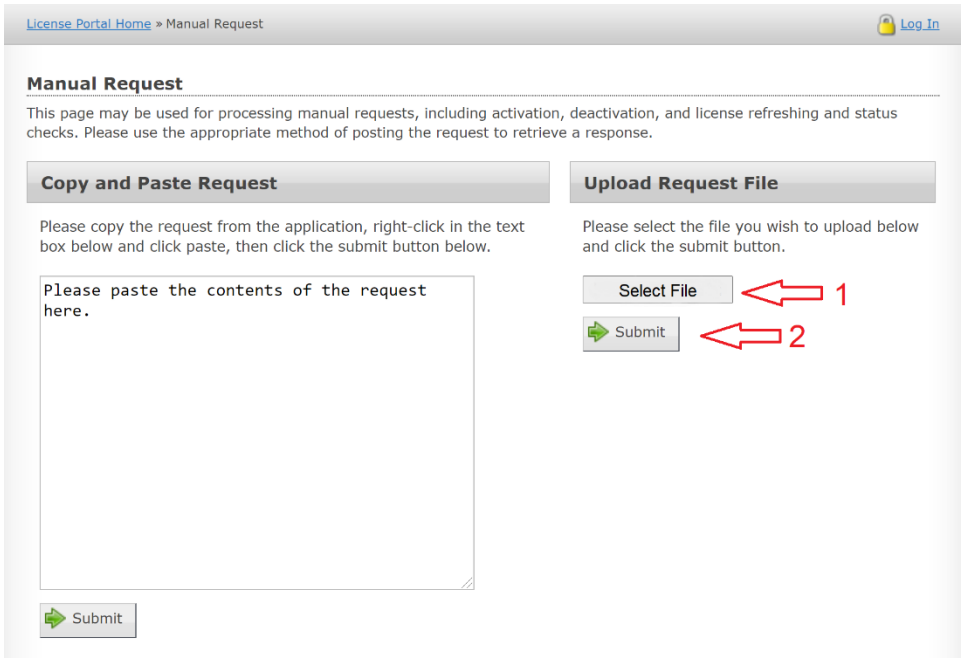


First stage: the Request File is generated

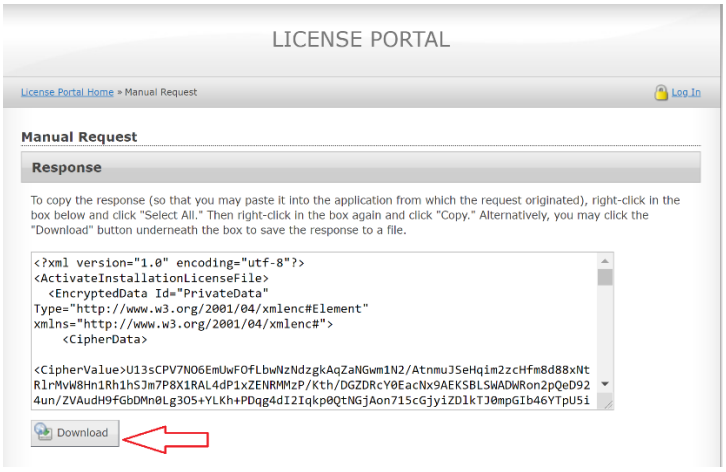
1. Enter your License ID and Password
2. Click the 'Generate Request' button to generate the encrypted Request
3. Clicking the 'Save Activation Request File' button to create a Request File and save it on a flash drive

Second stage: Activation is performed on another machine connected to the Internet:

1. Open the website https://secure.softwarekey.com/solo/customers/ManualRequest.aspx

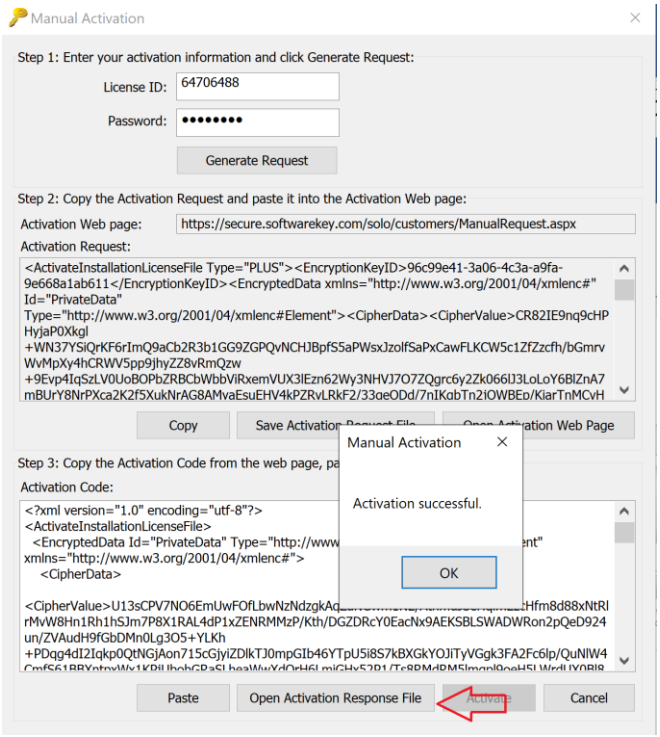


2. Click the 'Select File' button, select the Request File saved during the first stage and click 'Submit'.
3. The encrypted text of the Response will be generated. Click the 'Download' button to download the text as a file.



4. Copy the Response file to a flash drive.

Third stage. Open the Request file generated during the second stage on the activation machine by clicking the 'Open Activation Response File' button:



As the Response file opens the activation will be performed automatically.

3. Network License Activation

3.1 Stages of Network License Configuration

Network License configuration requires the following steps:

1) Preparation of the shared network folder for the Network License placing (paragraphs 3.2.1. and 3.2.2.). It is performed on the server used to store the Network License.
2) Network License Activation is performed on any clients' workstations. The process is described in paragraph 3.3. and follows the Personal License activation procedure a lot except an additional step of selecting a path to the network folder to store the license.
3) Connection to the Network License is performed on each clients' workstations except the one which was used for the activation as it already connected.

The server services are not used for the Network License maintenance. The clients' computers see the available number of the active seats by referring to the Network License file that is stored in the server shared folder initially configured. The Network License file is created automatically during the process of activation. The License Activation is performed only once on

any clients' workstations while selecting the 'Network' type of License and specifying the path to the shared network folder. The connection to the Network license is performed from the other clients' workstations. The clients' workstations and server should have and access to the shared resources of the local network via the Microsoft NetBIOS/SMB protocols over the ports specified in the official Microsoft documentation (https://learn.microsoft.com/ru-ru/windows-server/storage/file-server/best-practices-analyzer/smb-open-file-sharing-ports). The workstation used for the activation process should have an access to the Internet over the HTTP and HTTPS protocols (TCP 80 и 443). When the activation is finished the access to the Internet can be closed.

3.2 Initial preparation of Network Shared Folder for Network License

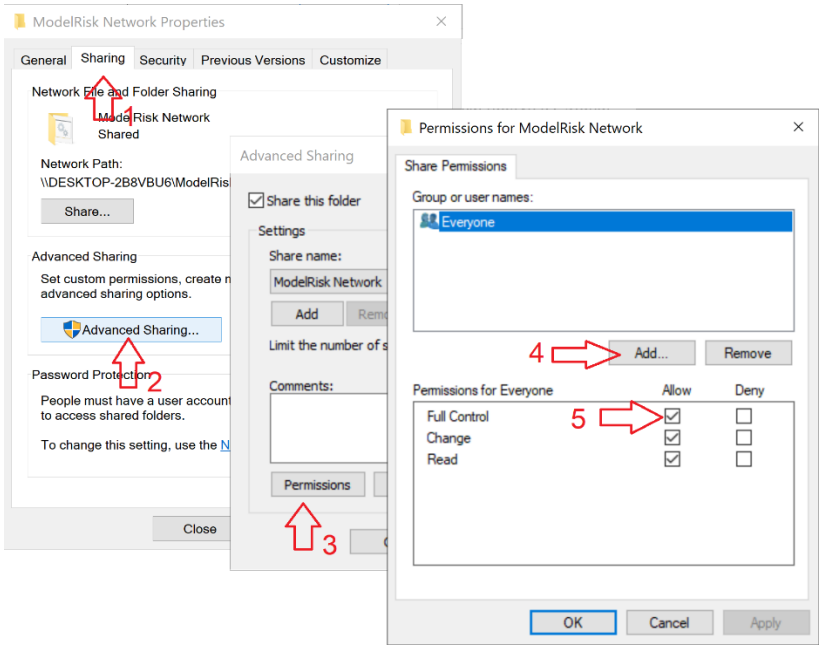
The server services are not used for the Network License maintenance. The clients' computers see the available number of the active seats by referring to the shared license file MRLicenseNet.lfx that is created in the initially configured network shared folder during the activation. The License Activation is performed only once on any clients' workstations while checking the 'Network' type of License and specifying the path to the shared network folder. If the activation is successful the network license file MRLicenseNet.lfx will be automatically created. The connection to the Network license is performed from the other clients' workstations.

There are 2 possible scripts of the shared network folder configuration:

1) Configuration using Windows Explorer API
2) Configuration using Windows Explorer and Group Policy Editor that allows to prevent the start of any executing file from the shared folder

3.2.1. Configuration using Windows Explorer API

This type of configuration is performed in the Sharing tab of the folder properties window:



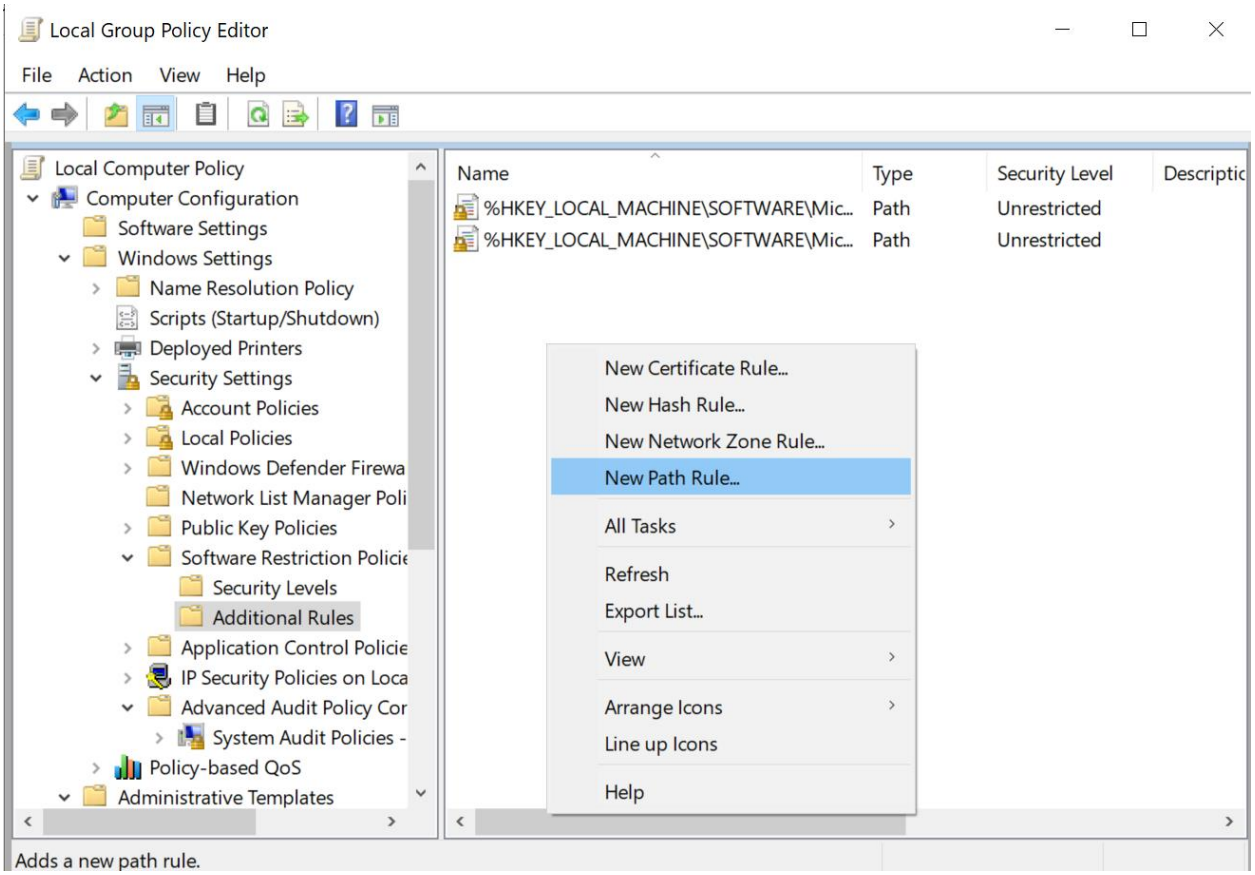
Figures specify the stages of the configuration. As a result the users will get the full read/write access to the folder of the local network.

3.2.2. Configuration using Group Policy editor

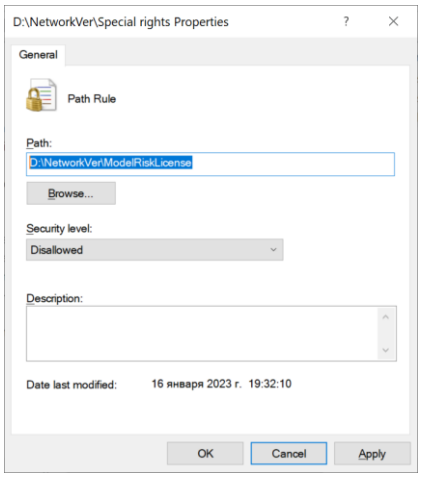
1. Share an access to the folder according to paragraph 3.1.1.
2. Use the Group Policy Editor to prevent launching any software from the shared network folder. To start the Group Policy Editor, open the Windows (cmd or powershell) console with administrative access and run the command:

   Gpedit.msc

3. Create the software restriction policy by clicking Computer Configuration->Windows Settings->Security settings->Software restriction policies->Additional rules. Click with the right mouse button somewhere in the free space on the right and select 'New Path Rule' in the context menu that appears.



4. Enter the path to the folder and click OK.



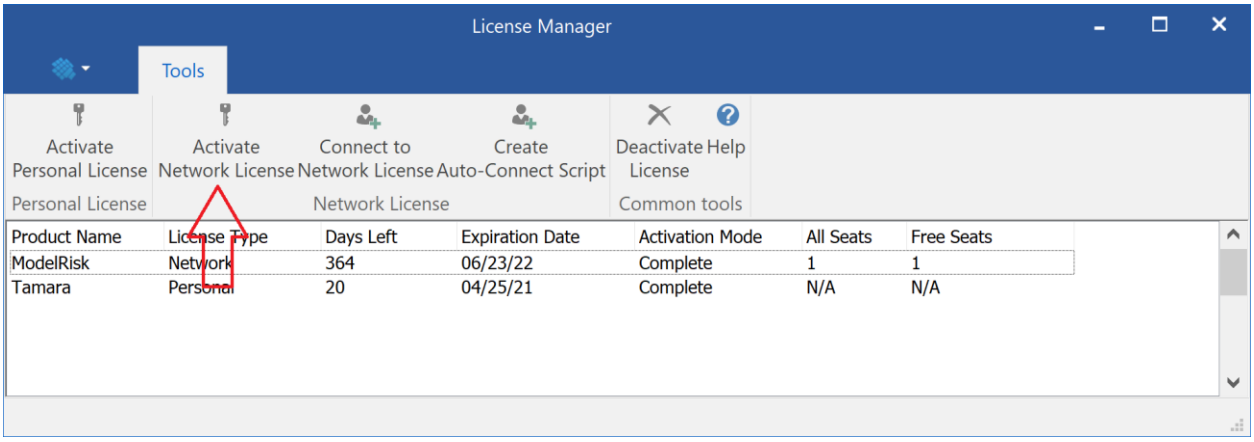
Reboot the server computer system (where the configuration is performed) and all clients' computers for the new restriction to take effect.

3.3 Activation Wizard

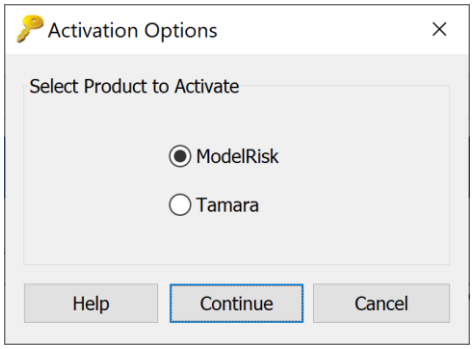
Use Paragraph 1.2. to start the License Manager.

Note: In some cases the License Manager should be run as a local administrator for a successful activation of the Network license. Similarly, the first run of ModelRisk is also performed with the administrative privileges (not required in the next runs).

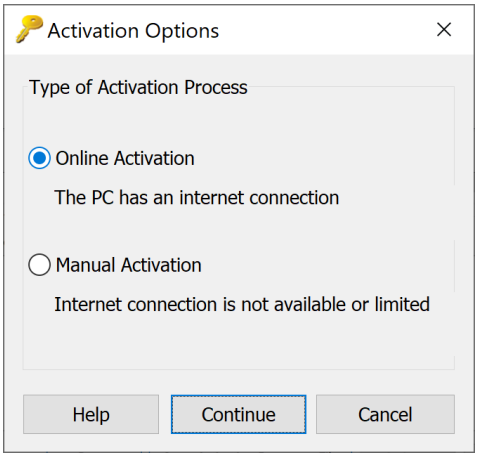
The Activation Wizard of the Network License is started by clicking the appropriate button on the License Manager toolbar:



Select the software product to activate:

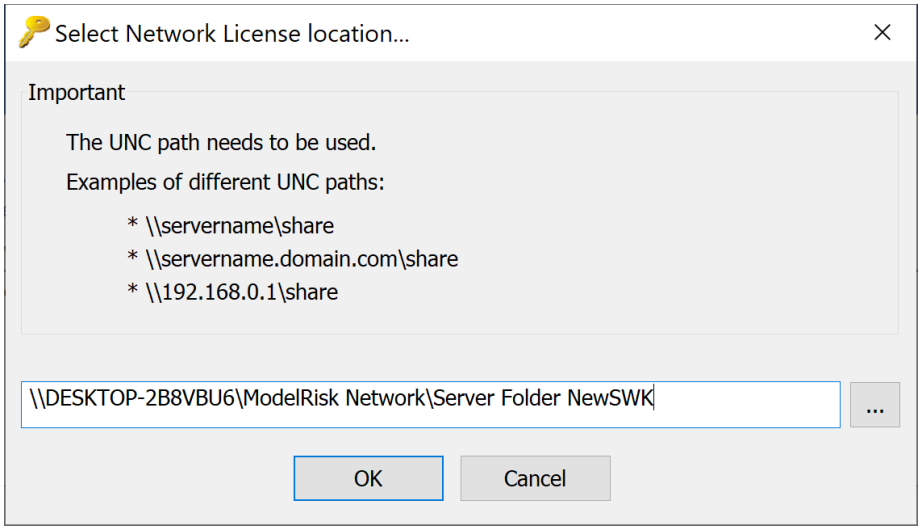


and the Type of activation, either an online or manual:



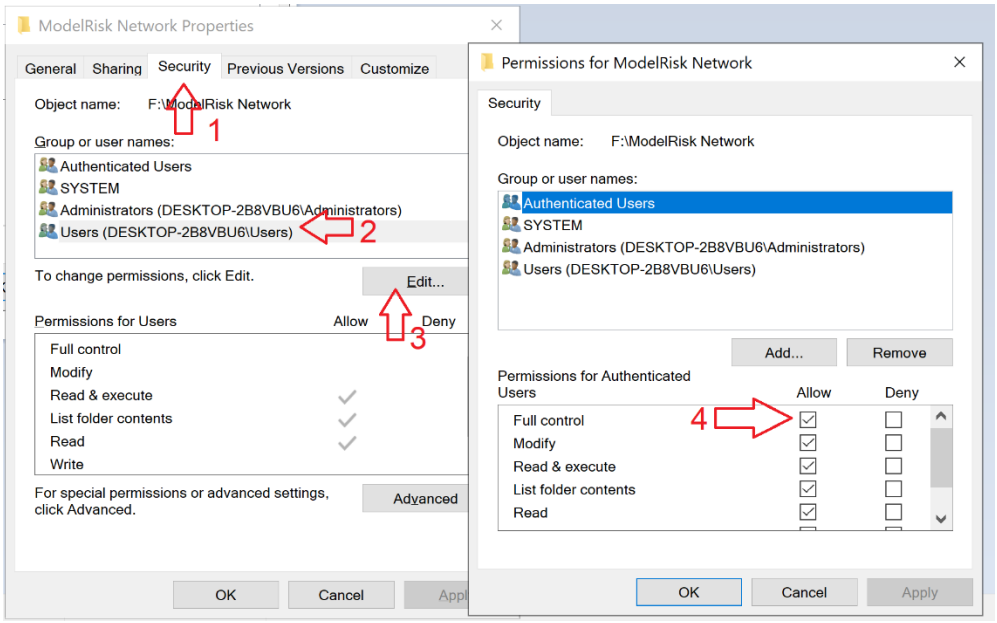
The network path to the shared folder must be entered in a UNC format, i.e. it should always start with the symbols \\ and a host name followed by the network folder name. Example:

\\srv1\ModelRiskShared

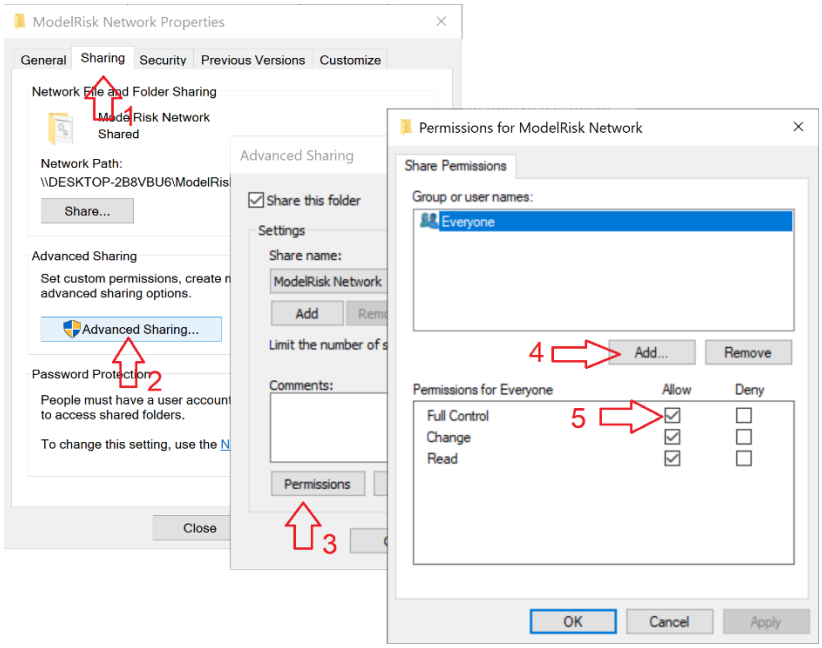


IMPORTANT: The access rights to the network folder for the user group that requires access to the software must be provided beforehand in 2 steps:

1. Providing the local access in the ‘Security’ tab of the folder properties window.

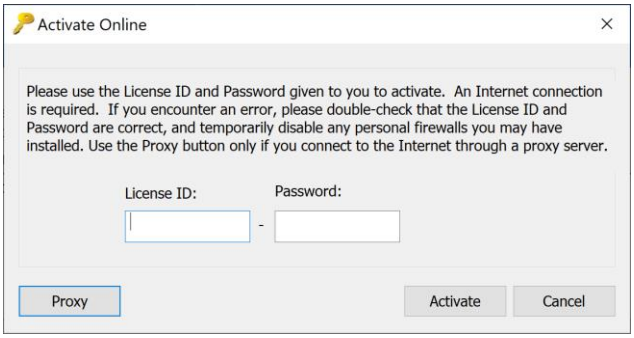


2. Providing the network access in the ‘Sharing’ tab of the folder properties window

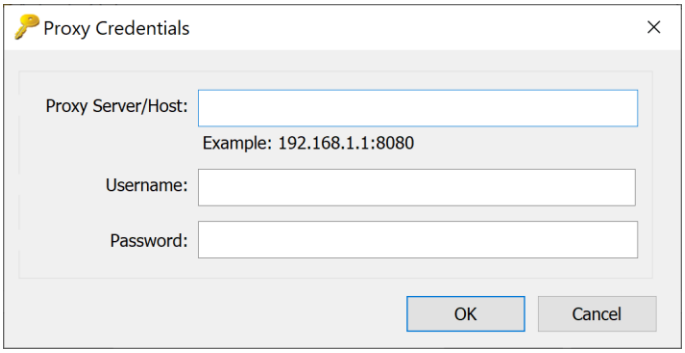


3.4. Online Activation of the Network License

If the Online Activation is chosen in the second stage of the Wizard, the user is prompted to enter the License ID and Password. Activation is started by clicking the ‘Activate’ button:

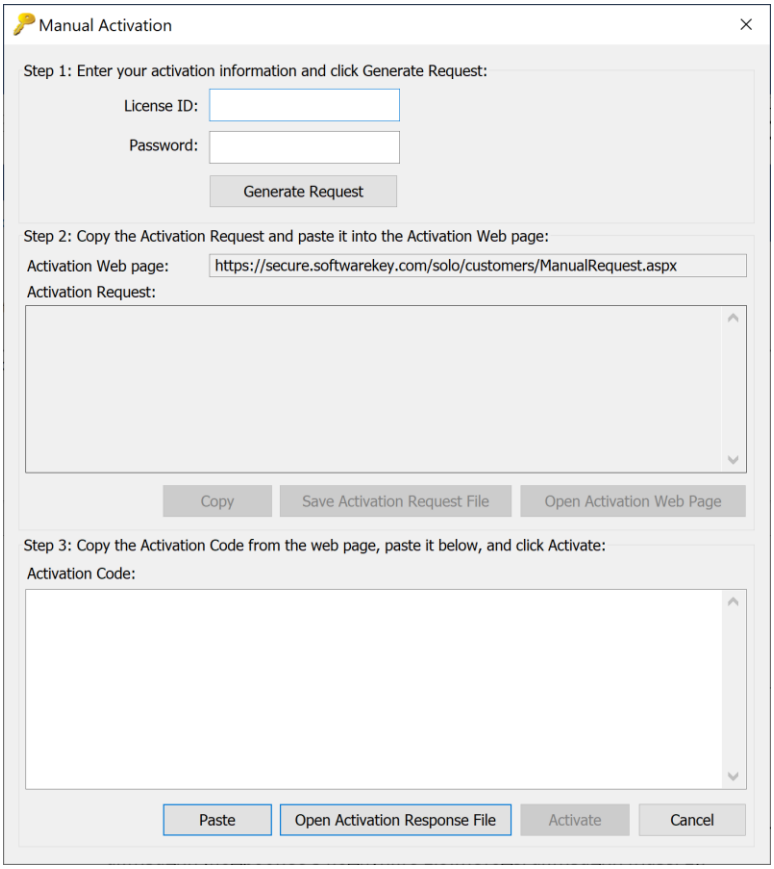


Note: If the internet connection is through a proxy-server, then the proxy server credentials must be entered ('Proxy' button above). Proxy server credentials interface is shown below:



3.5. Manual Activation of Network License

If Manual Activation is chosen in the second stage of the Wizard it will show the following window:

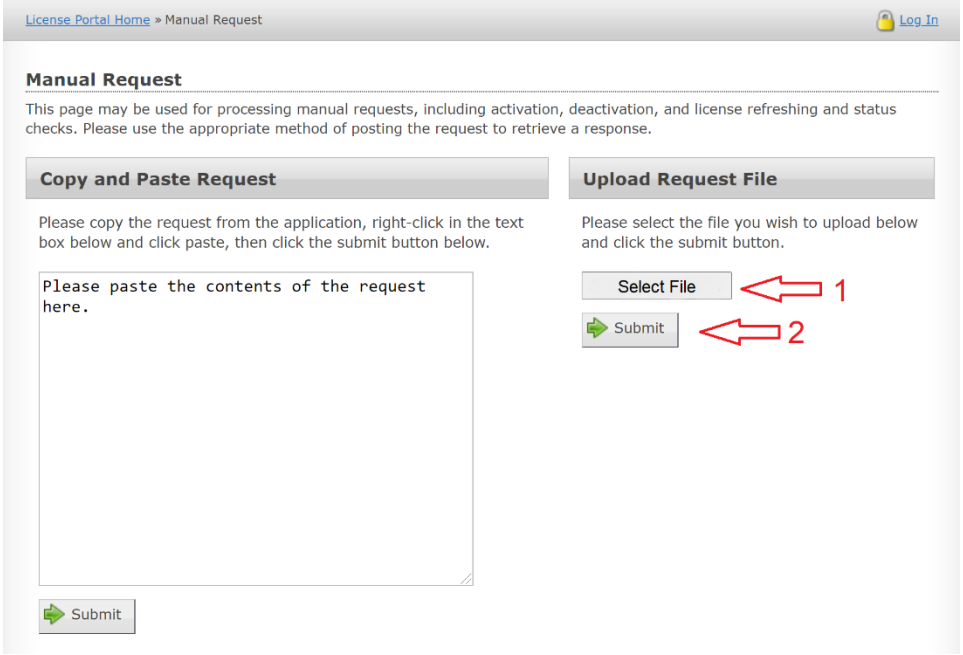


First stage: the Request File is generated

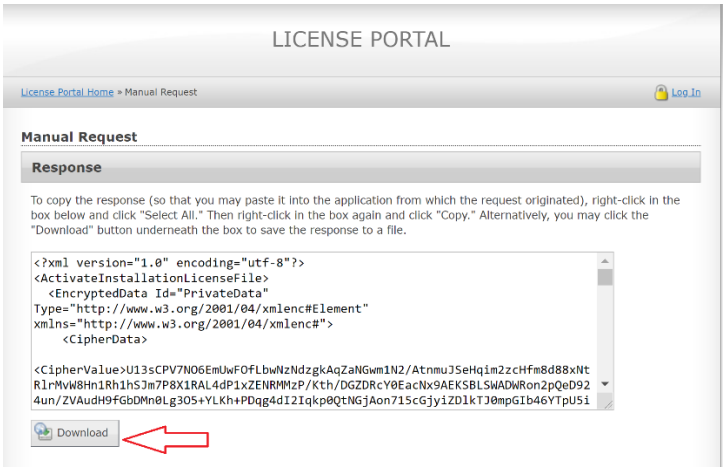
1. Enter your License ID and Password
2. Click the 'Generate Request' button to generate the encrypted Request
3. Clicking the 'Save Activation Request File' button to create the Request File and save it on a flash drive

Second stage: Activation is performed on another machine connected to the Internet:

1. Open the website https://secure.softwarekey.com/solo/customers/ManualRequest.aspx

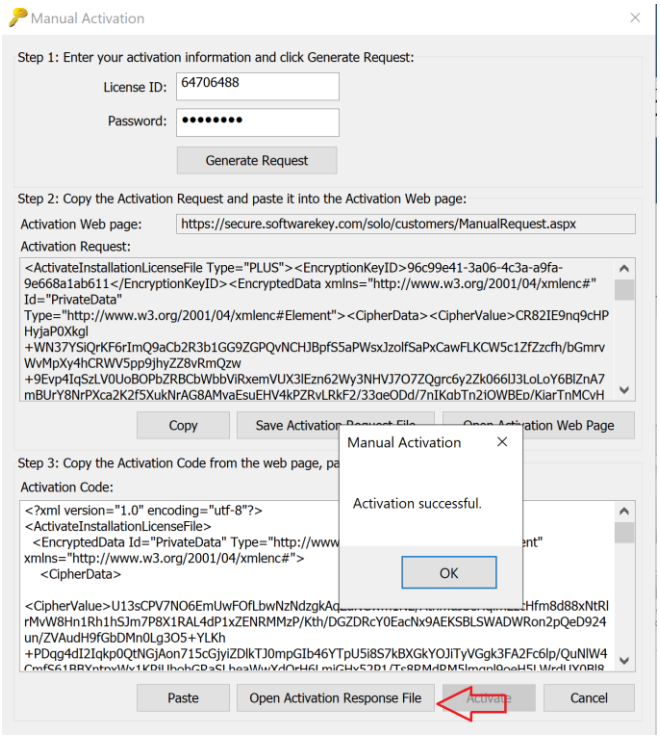


2. Click the 'Select File' button, select the Request File saved during the first stage and click 'Submit'.
3. The encrypted text of the Response will be generated. Click the 'Download' button to download the text as a file.



4. Copy the Response file to a flash drive.

Third stage. Open the Request file generated during the second stage on the activation machine by clicking 'Open Activation Response File' button:



As the Response file opens the activation will be performed automatically.

4. Connection to Network License

4.1. Two ways of connection. Short description

After the Network License is already activated from any host of the company's local network (see Paragraph 3), other PCs can be connected to this License. For all other hosts the connection to the Network License should be completed. The Software must be installed on the workstation before connecting to the Network License.

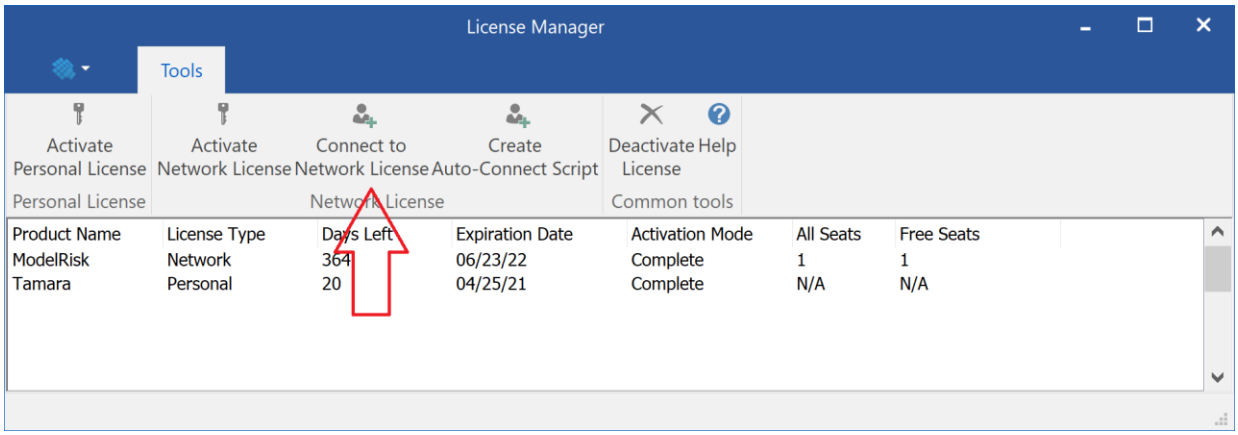
There are two connection methods:

1) **Manual method** - a connection wizard is launched on each machine to select the type of product and the location of the network license

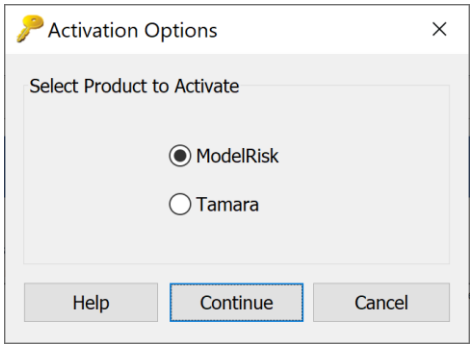
2) **Automatic**, which runs a special auto-connect script file on each machine. The script file is created once on any machine connected to the license. Then the script is launched on each station by double clicking (you can also put its call in a bat-file).

4.2. Manual connection using a Connection Wizard

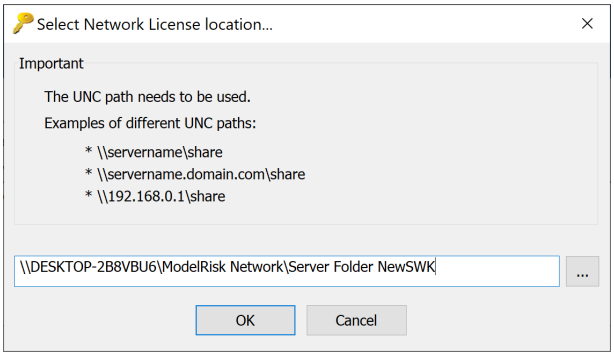
Run Connection Wizard using the Connect to Network License button.



Select the software product to activate:



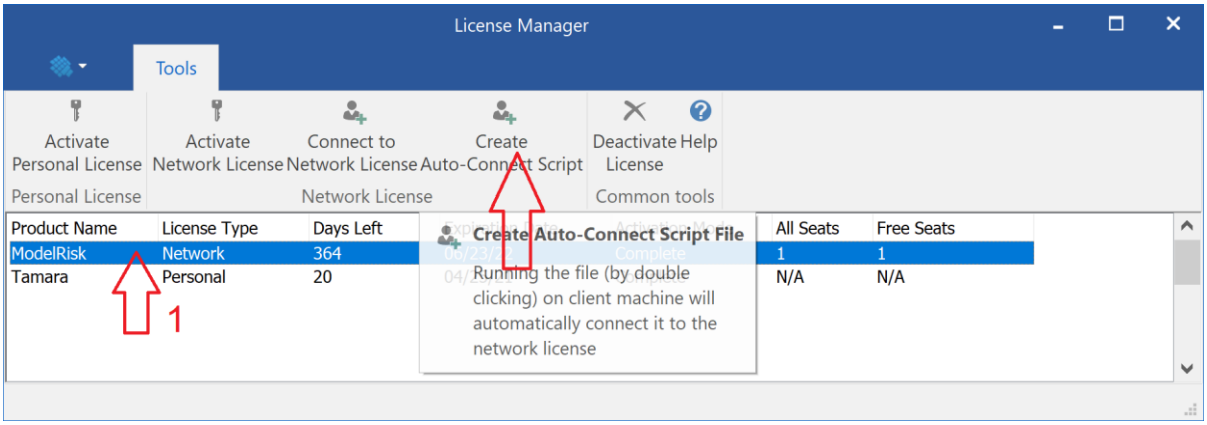
Next the user will be prompted to select the folder which contains the Network License. The UNC network format should be used when specifying the path name (see more information in Paragraph 3.1.) **ATTENTION:** It is important to use the same path both in the Connection and Activation phases.



4.3. Automatic connection using a script file

This method includes 2 steps:

1) Creation of a script file. This operation is available on any machine that is already successfully connected to the network license (for example, from which the activation was performed). To create a script file, select an available Network license in the License Manager list, and then click the Create Auto-Connect Script button. Save the file and move to other workstations.



2) Run the script on all other workstations using mouse double clicking on the script-file or from the command line (you can also use run the script from bat-file).

5. License Deactivation

Current licensing policy allows deactivating the license and performing a new activation of the license on a new workstation. In order to deactivate a license, one should select it in the list of the activated licenses and click 'Deactivate License'.

6. Network license and Personal license sharing

If for some reason the workstation has an activated Personal license and at the same time is connected to a Network license of the same software, then the software will use the Personal license automatically. After the expiration or deactivation of the Personal license the software will restart using the Network license.

7. License Transfer

To transfer the Personal license from one computer to another it is needed to:

1. Deactivate the license from the previous computer (paragraph 5 License Deactivation). The software cannot be installed to a new computer with the same license key if the prior deactivation is not performed.
2. Install the software to a new computer (paragraph 2 Personal License Activation)