

Network License

Note: The PulsimSuite license is a **Network (floating)** license model, also in case you are using a stand-alone PC. The **installation** of the license manager program consists of the following steps:

- **License Server**

To set-up the license server, refer to section [Installing the Sentinel RMS License Manager](#).

- **License Code**

With the license server set up, install the licenses using the section [Obtaining and installing a Network License Code File](#).

In case you are updating from an older version of Sentinel License Manager to version 10.2, you can preserve your existing licenses as follows:

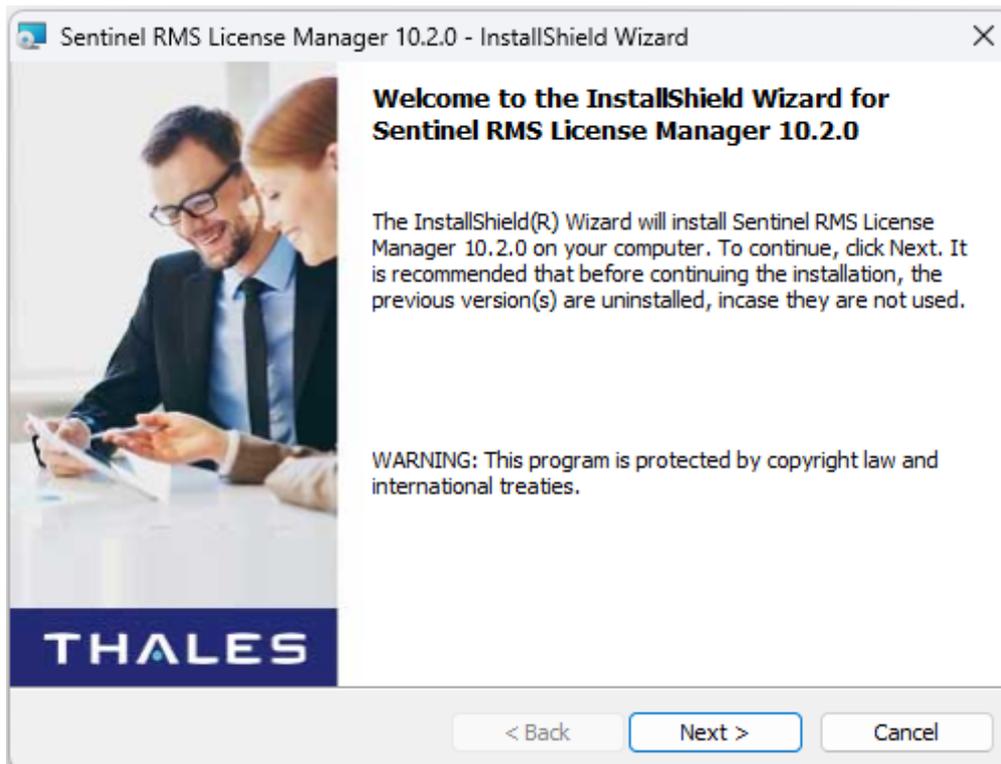
- After installation of the new License Server version, copy the file “C:\Program Files (x86)\Common Files\SafeNet Sentinel\Sentinel RMS License Manager\WinNT\lservrc” to the corresponding directory of Sentinel 10.2, which is “C:\Program Files (x86)\Common Files\Thales\Sentinel RMS License Manager\WinNT\”
- In Windows Task manager, go to Services, locate the Sentinel RMS License Manager service, right click, and select restart.
- You may also add the old license file as usual, with the WlmAdmin tool that TNO has shipped with the license manager installer; see page 9 for this method. You will then not need to restart the License Manager service.

Installing the Sentinel License Manager

The installation of the Sentinel License Manager is explained down here. Once the license manager has been installed on the server of choice, you will need to add any license codes. This is explained in the section Installing a network license code file.

Installing the Sentinel RMS License Manager

Extract the Sentinel installation package to a directory of choice and run **setup.exe** in the extracted directory. The first screen splashing up looks like the one below. Press next to proceed.



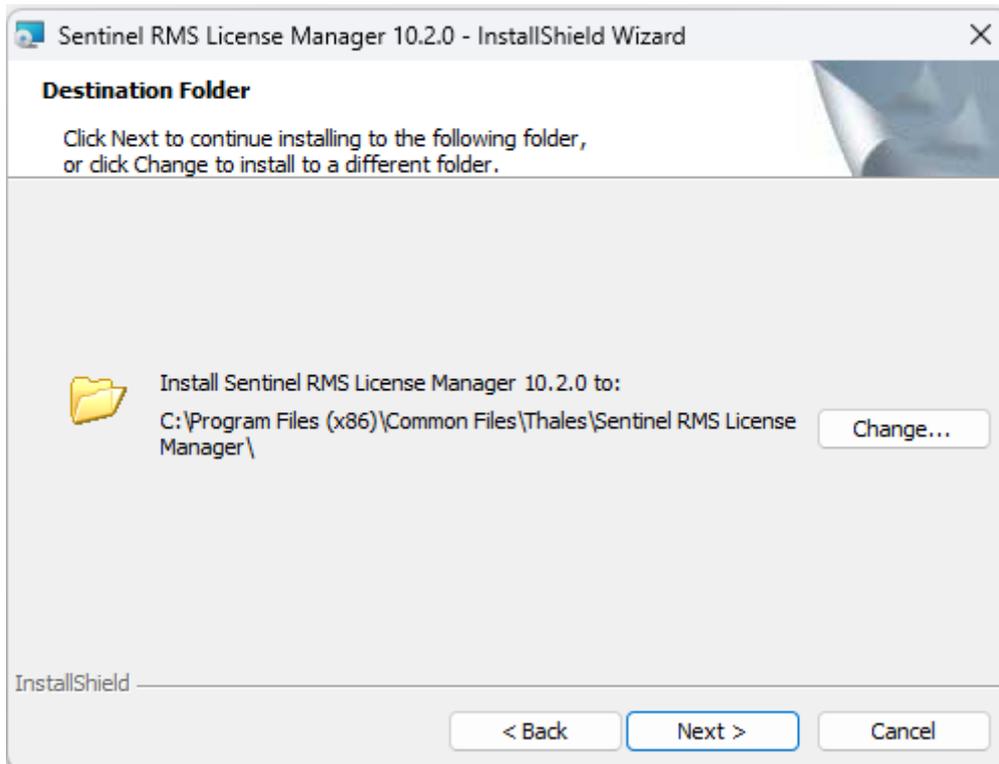
In the second screen you can accept Sentinel's license agreement or not. Accept them and press next in order to proceed.

The screenshot shows the 'License Agreement' screen of the Sentinel RMS License Manager 10.2.0 - InstallShield Wizard. The window title is 'Sentinel RMS License Manager 10.2.0 - InstallShield Wizard'. The main heading is 'License Agreement' with a sub-heading 'Please read the following license agreement carefully.' Below this is a scrollable text area containing the following text: 'SOFTWARE LICENSE AGREEMENT THALES RMS, THALES SENTINEL CLOUD LICENSING ADD-ON FOR RMS and SENTINEL RMS ENVELOPE IMPORTANT INFORMATION - PLEASE READ THIS AGREEMENT CAREFULLY BEFORE INSTALLING OR USING THE SOFTWARE (as defined herein). The "Software" means The "Sentinel® RMS", "Sentinel® Cloud Licensing Add-On for RMS" and "Sentinel® RMS Envelope" supplied to you by THALES DIS France S.A and any of its subsidiaries and affiliates (collectively referred to herein after as "Thales") (in source and/or object code form) and any'. Below the text area are two radio buttons: 'I accept the terms in the license agreement' (which is selected) and 'I do not accept the terms in the license agreement'. To the right of these buttons is a 'Print' button. At the bottom of the window are three buttons: '< Back', 'Next >', and 'Cancel'. The 'InstallShield' logo is visible in the bottom left corner.

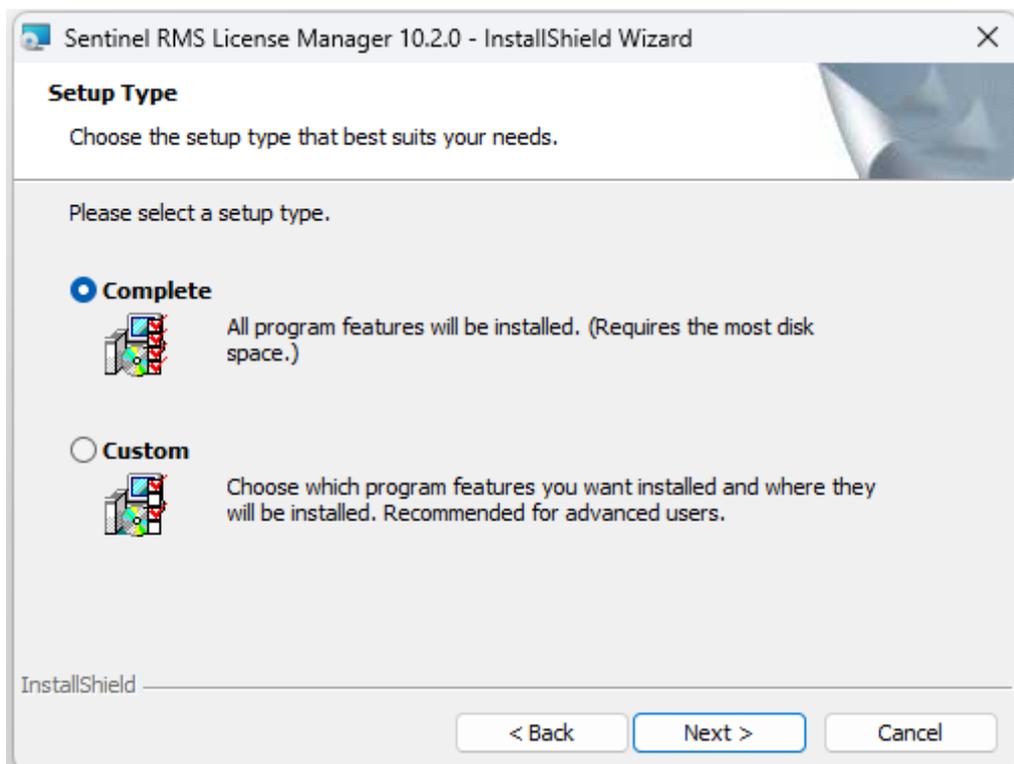
In the screen to follow you can fill out whatever you like. In principle you install it for any user. Press next to proceed.

The screenshot shows the 'Customer Information' screen of the Sentinel RMS License Manager 10.2.0 - InstallShield Wizard. The window title is 'Sentinel RMS License Manager 10.2.0 - InstallShield Wizard'. The main heading is 'Customer Information' with a sub-heading 'Please enter your information.' Below this are two text input fields: 'User Name:' and 'Organization:'. Below these fields is a section titled 'Install this application for:' with two radio buttons: 'Anyone who uses this computer (all users)' (which is selected) and 'Only for me (vinkwj)'. At the bottom of the window are three buttons: '< Back', 'Next >', and 'Cancel'. The 'InstallShield' logo is visible in the bottom left corner.

The 4th screen has no other goal than to inform you on what is going on. Note that you cannot change the destination folder. Press next to proceed.

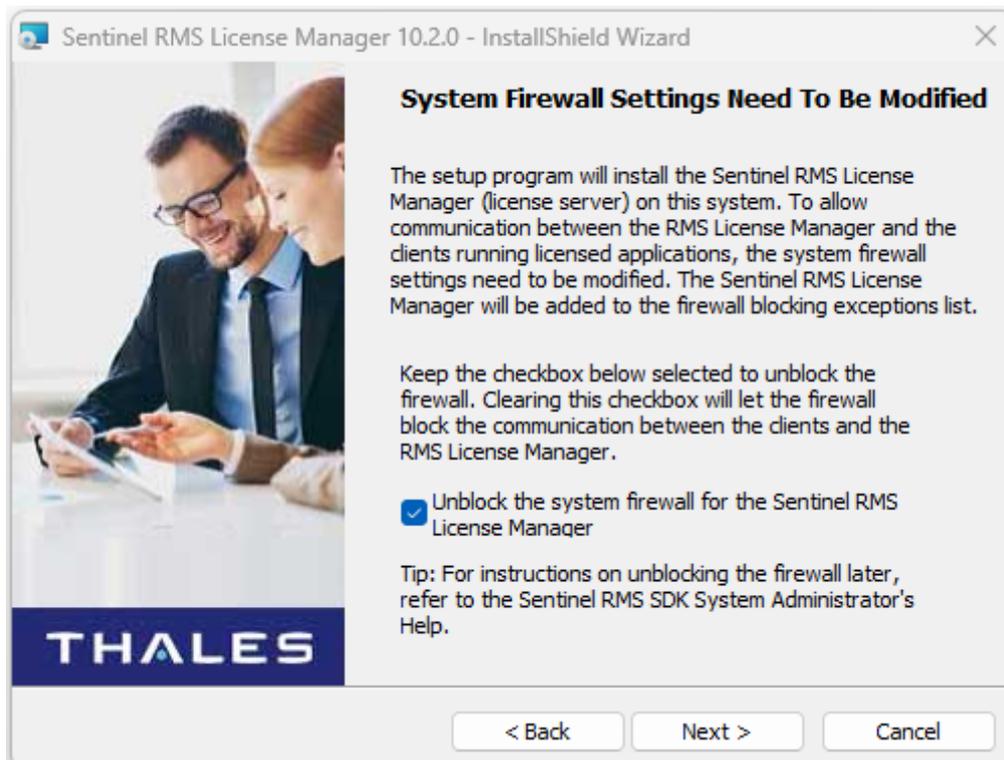


It is then advised to choose the "Complete" option. If you choose the "Custom" option you at least will have to install the topmost option "Sentinel RMS License Manager Installer 8.6". Again press next to proceed.

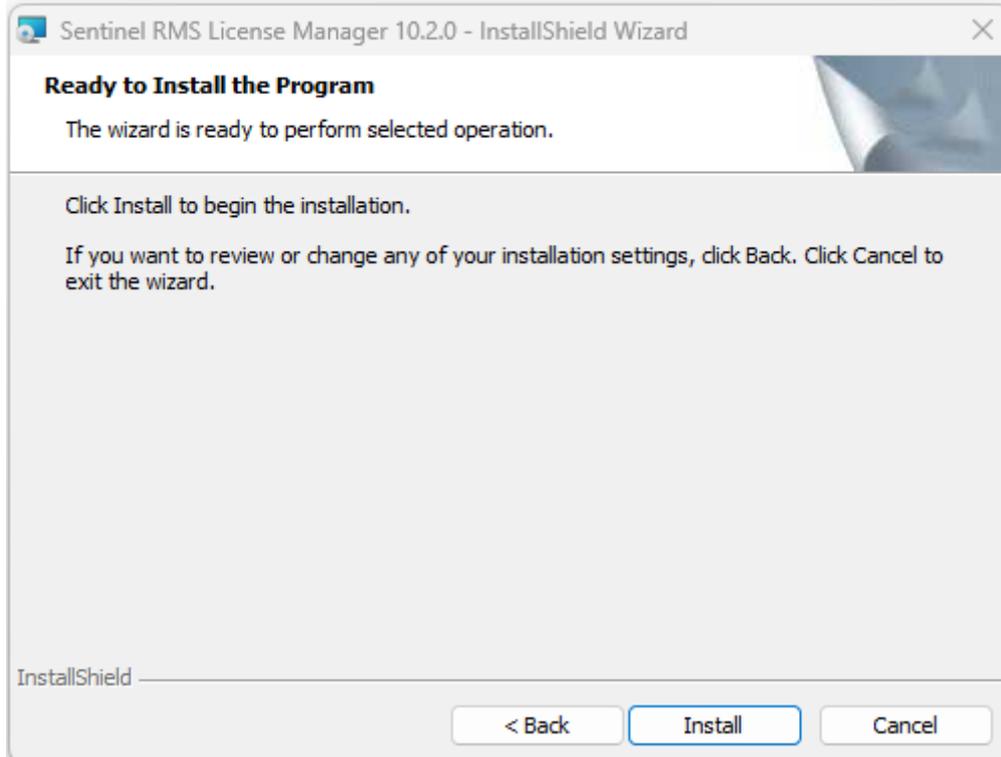


Depending on your PC's configuration and the firewall, the following screen might appear. When installing the License Manager you are asked to unblock the Windows Firewall for the Sentinel RMS License Manager on a Windows XP system with SP2 or higher. When using a different firewall you may also get messages like "Sentinel RMS License Manager is trying to access the network". Note that in order for the License Manager to operate and communicate with client machines **your firewall may not block the License Manager**. Also for stand-alone and demo licenses you have to unblock your firewall for the License Manager, since communication of the server with its clients or visa versa may be seen as network access even if the server and client are actually one single computer.

Check the "Unblock..." checkbox if it isn't already checked and press next to proceed.



After clicking next you'll see the screen below. Click Install to begin the actual installation.



When the installation is finished this screen appears being the sign that you have completed the installation of the Sentinel RMS License Manager successfully. Press Finish to exit from the installation.



At this point you have successfully installed the License Manager on the computer you wish to use as the License Server. Now, to fully set up the License Server you will need to add the license code(s). Read the [Installing a network license code file](#) section for information about how to do this.

Note: The License Manager may not have (re)started after installation. To check this, open Windows Task manager, go to Services, locate the Sentinel RMS License Manager service. If its status is **stopped**, right click, and select **start**.

Obtaining and installing a Network License Code File

Obtain 'Locking data' of server machine

After installation of the Sentinel RMS License Manager you will need to add license codes.

The steps to obtain and install a floating license are summarized below:

- Install the License Manager on the license manager computer and write down the network name of the server. This name of the server is needed when installing the PulsimSuite software on client PCs.
- On the license manager computer, extract the **LicenseTools.zip** to a directory of choice and run wechoid.exe. The following window will pop up:

The screenshot shows the 'Wechoid' application window. It has a 'Locking Criteria' section with several checkboxes and text boxes. The 'IP Address' checkbox is checked and circled in red. The 'Post Name' checkbox is also checked and circled in red. The 'UID' checkbox is checked and circled in red. The 'Locking Data' section at the bottom has two radio buttons: 'New Style' (selected) and 'Old Style'. Below these are two text boxes: 'Selector' with the value '0x1814' and 'Code' with the value '*1K6 63GN 5ZYV GPPP'. Both text boxes are circled in blue. An 'OK' button is at the bottom center.

Locking Criteria	Value
<input checked="" type="checkbox"/> IP Address	139.63.41.0
<input type="checkbox"/> ID PROM	
<input checked="" type="checkbox"/> Disk ID	0xE93AAC79
<input checked="" type="checkbox"/> Post Name	PC-11546
<input checked="" type="checkbox"/> Ethernet Address	10-0B-A9-0F-95-40
<input type="checkbox"/> Computer ID	
<input checked="" type="checkbox"/> Hard Disk Serial	W042F60R
<input type="checkbox"/> Standard Custom	
<input type="checkbox"/> Processor ID	
<input checked="" type="checkbox"/> CPU Info String	GenuineIntel Intel(R) Core(TM) i5-2520M C
<input checked="" type="checkbox"/> UID	4C4C4544-0032-3310-8039-B1C04F465331
<input type="checkbox"/> Extended Custom	

Locking Data

New Style Old Style

Selector: 0x1814 Code: *1K6 63GN 5ZYV GPPP

OK

Make sure that only the checkboxes for Disk ID, Ethernet Address, Hard Disk Serial, and CPU Info String are checked, and the others are not.

Send the 'locking data' to PulsimSupport@tno.nl & obtain a license file

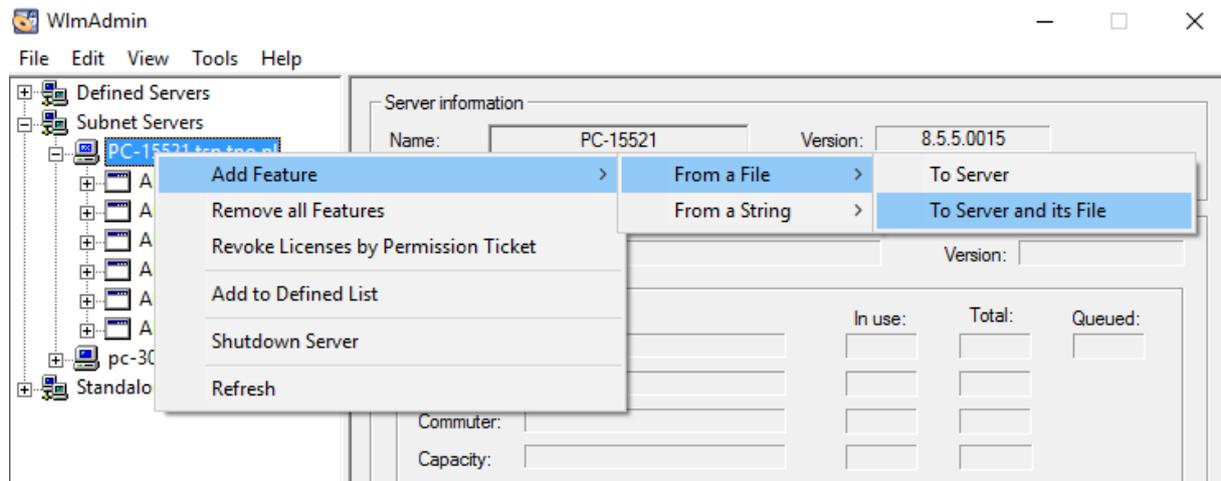
- Send the locking data (in this example: 0x1814, *1K6 63GN 5ZYV GPPP) to this e-mail address at TNO: pulsimsupport@tno.nl

- TNO will check the locking data and send back one or more license code(s), in a plain text file (usually called lservrc-without extension-)

Install the Pulsim license on the server machine

If you have received a license code file from TNO please take the following steps:

1. Save the license file you have received to a location on your PC, for instance Desktop.
2. You can add the licenses to the license server by means of the WlmAdmin.exe tool which is located in the LicenseTools folder extracted earlier. See the following screenshot for the GUI path that needs to be taken. Just right-click the server at which you want to add the license code and select the shown menu items. This will pop-up a window asking for the location of the file with license codes.



Define link to server machine on all Pulsim licensed machines

To make the license of the 'server machine' useful for other machines (clients), a link from them to the server machine must be declared. This linking is configured automatically during the PulsimSuite installation on the client PC (which may be the same PC as the license server PC itself), by specifying the license server PC name (on your network) when prompted during the PulsimSuite installation process.