Network License

Note: This section only applies for the **Network (floating)** License Model. The **installation** consists of the following steps:

• License Server

To set-up the license server, refer to Installing the Sentinel RMS License Manager.

• License Code

With the license server set up, install the licenses via Installing a network license code file.

The section Frequently Asked Questions for Network Administrators answer the most common questions about installing the license server and license code.

Note: Before using the Sentinel RMS License Manager please read the **Sentinel RMS Administrator's Guide** first. Select the equally named link in the main setup window to read this documentation via the installed web browser.

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 SentinelLM.zip to a directory of choice and run setup.exe in the extracted SentinelLM 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.

🔂 Sentinel RMS License Manager - InstallShield Wizard 🛛 🛛 🔀				
License Agreement Please read the following license agreement carefully. Sentinel RMS Development Kit				
License Grant/Warranty for Software				
 This License describes limited rights granted by SafeNet, Inc. and/or one of its subsidiaries (such grantor, "Seller") to the Buyer. A. The term "Software", as used herein, shall mean a program or programs consisting of machine readable logical instruction and tables of information designed as libraries or drivers to work in conjunction with Seller's Sentinel Keys ("Products"). Title to all Software furnished to Buyer hereunder shall 				
I accept the terms in the license agreement Print I do not accept the terms in the license agreement				
InstallShield < <u>B</u> ack Cancel				

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

🙀 Sentinel RMS License Manager - InstallShield Wizard	i 🔀
Customer Information Sea Please enter your information.	ntinel RMS Development Kit
User Name:	
' Organization:	
Install this application for:	
 Anyone who uses this computer (all users) Only for me (ICT _IS) 	
InstallShield	
< Back	ext > Cancel

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.

🙀 Sentinel RMS License Manager - InstallShield Wizard 🛛 🛛 🔀					
Destination Click Next (to continue installing to the following folder.				
	nstall Sentinel RMS License Manager to: ::\Program Files\Common Files\SafeNet Sentinel\Sentinel RMS icense Manager\				
InstallShield —	< <u>B</u> ack <u>N</u> ext > Cancel				

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 8.0.6". Again press next to proceed.

🛃 Sentinel RMS Lice	nse Manager - InstallShield Wizard	×				
Setup Type Choose the setup typ	e that best suits your needs.	RMS pment Kit				
Please select a setup	type.					
Complete All pro space	ogram features will be installed. (Requires the most disk e.)					
Cu <u>s</u> tom Choo will be	n Choose which program features you want installed and where they will be installed. Recommended for advanced users.					
InstallShield	< <u>B</u> ack <u>N</u> ext > C	Iancel				

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 may 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 this screen. Click Install to begin the actual installation.

🛃 Sentinel RMS License Manager - Ir	nstallShield Wizard 🛛 🔀
Ready to Install the Program The wizard is ready to begin installation.	Sentinel RMS Development Kit
Click Install to begin the installation.	
If you want to review or change any of yo exit the wizard.	our installation settings, click Back. Click Cancel to
InstallShield	
C	< Back Install Cancel

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.

🙀 Sentinel RMS License Manager - InstallShield Wizard 🛛 🛛 🔀						
	InstallShield Wizard Completed The InstallShield Wizard has successfully installed Sentinel RMS License Manager. Click Finish to exit the wizard.					
Sentinel RMS						
Development Kit	< <u>B</u> ack Einish Cancel					

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.

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 any license codes.

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

• Install the License Manager on a computer and write down the network address. See the section about Installing the Sentinel License Manager for more information.

• Extract LicenseTools.zip to a directory of choice and run wechoid.exe. The following window will pop up:

S Wechoid	×
PAddress	139.63.41.0
🗖 ID PROM	
🔽 Disk ID	0xE93AAC79
🕞 ost Name	PC-11546
Ethernet Address	10-0B-A9-0F-95-40
Computer ID	
Hard Disk Serial	W042F60R
Standard Custom	
Processor ID	
CPU Info String	GenuineIntel Intel(R) Core(TM) i5-2520M C
	4C4C4544-0032-3310-8039-B1C04F465331
Extended Custom	
-Locking Data	
⑦ 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 WImAdmin.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.

🛐 WImAdmin								-	\times
File Edit View Too	ols Help								
Defined Servers		Server informa	ation						
PC-15521+cm	the pl	Name:	PC-	15521		Version:	8.5.5.0015		
	Add Feature		>		From a File	>	To Server		
	Remove all Featur	es			From a Strin	ng >	To Server a	nd its File	
	Revoke Licenses b	y Permission T	licket				Version:		_
	Add to Defined List								
E ■ A S				In use: Tota			use: Iotal:	Queued:	
E Standalo R	Refresh								
		Commute	r:	_					
		Capacity:							

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.