

HOW TO INSTALL SIMA LICENSE

To use Sima product, user must execute additional steps such as installing License Manager and configuring a few environment variables. These steps are mandatory for all license types (standalone/dongle/network).

1 Check the license file

Open **MARINTEK** license file (*marintek_*.lic*) you received from DNV with notepad. Check the license type and the corresponding Hostid (physical address). Make sure you are using the correct machine with the same physical address or have inserted the correct USB dongle.

	marintek_FLEXID=9-526C	0	8FA_20230214.lic - Notepad	
File	Edit Format View H	le	lp	
##	Start of MARINTER	(license file	
##				
##	Opportunity name:		Sesam SE-28 Public	Training
##	OrderId :		2211-525253(S-50474	1)
##	License type :	:	Dongle	
##	Hostid :		FLEXID=9-526C08FA	
##	Account Name :		DNV AS	

2 Put the license file into FlexIm folder

Create a new folder in C:\, name it FlexIm. Put the license file into the FlexIm folder.

I	C:\FlexIm	
	Name	Туре
	marintek_FLEXID=9-526C08FA_20230214.lic	LIC File
1	dnvs_FLEXID=9-526C08FA_09.02.2023-03.32_20230214.lic	LIC File

3 Install License Manager

To run Sima product, you need to install and run License Manager. Download and install the latest License Manager program from the following link: <u>https://sesam.dnv.com/download/programs.html</u>

Run the installer. In the step below, select "FlexNet dongle driver". (this step is optional for standalone/network license types)



🖟 License Manager 64 V11.18-00 setup)	\times
Select dongle driver to be installed	(optional)	DNV
Please select dongle driver to be installed license is locked to a dongle (Hardware lo	d. You should only select to install a dongl ock).	e driver if your
FlexNet dongle driver		
InstallShield	< Back Next >	Cancel

Next, in the step below, select "Set MSC and MARINTEK environment variables".

🕷 License Manager 64 V11.18-00 setup)		×
License configuration			DNV
License files found in C:¥FlexIm¥			
dnvs_C84BD653F551_20.10.2022-04.17 marintek_C84BD653F551_20231231.lic	_20231231.lic		
External license server(s)			
Set MSC and MARINTEK environment	: variables (PATRAN	PRE and SIMA)	
	< Back	Next >	Cancel

4 Configure environment variables

To let Sima product find the correct license file, you need to configure several environment variables.

For Windows 10, open the environment variable by right-clicking the **Start menu** button and select **System**. In the screen that appeared, scroll down and click **Advanced system settings**. Then, click **Environment Variables** button.

D	VV		
Recently added	Settings		System Properties X
Apps and Features	û Home		Computer Name Hardware Advanced System Protection Remote
Mobility Center Power Options Event Viewer	Find a setting P	This page has a few new settings Some settings from Control Panel have moved he your PC info so it's easier to share.	You must be logged on as an Administrator to make most of these changes. Performance Visual effects, processor scheduling, memory usage, and virtual memory
Device Manager Network Connections	4v) Sound	Related settings	Settings
Disk Management Computer Management	Notifications & actions Focus assist	Device Manager	User Profiles Desktop settings related to your sign-in
Windows PowerShell Windows PowerShell (Admin)	🔿 Power & sleep	Remote desktop System protection	Settings
Task Manager	Battery Storage	Advanced system settings Rename this PC (advanced)	Startup and Recovery System startup, system failure, and debugging information
File Explorer	Tablet	Help from the web	Settings
C Search	Multitasking Projecting to this PC	Finding out how many cores my processor has Checking multiple Languages support	Environment Variables
Shut down or sign out	> X Shared experiences	Get help	***
ਸ਼ 🕑 📼 😡	Clipboard	Cive feedback	OK Cancel Apply

Add the following variables to the list of environment variables. For network license type, add the server address (refer to network license installation instruction).

MARINTEK_LICENSE_FILE = C:\FlexIm SIMA_LICENSE_FILE = C:\FlexIm

Variable	Value			
			PT 111	D 1 .
		New	Edit	Delete
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rstem variables Variable	Value	New	Edit	Delete
rstem variables Variable MARINTEK_LICENSE_FILE	Value C:\FlexIm;	New	Edit	Delete
rstem variables Variable MARINTEK_LICENSE_FILE	Value C:\FlexIm;	New	Edit	Delete
rstem variables Variable MARINTEK_LICENSE_FILE	Value C:\FlexIm;	New	Edit	Delete
variables Variable MARINTEK_LICENSE_FILE SIMA_LICENSE_FILE	Value C:\FlexIm; C:\FlexIm	New	Edit	Delete

5 Start the license server

To run Sima program, you need get the license server in License Manager running. Run License Manager by opening **Start menu > DNV > License Manager configuration tool – LMTOOLS**.

Go to **Start/Stop/Reread** tab and click **Start Server**. At the bottom of the window, either "Server Start Successful" or "Server Start Failed. The Server May Already Be Running!!" shall appear if the license server is started successfully.

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2				
2 Stat Server	Stop Server	ReRead License File	1	
2 Start Server	Stop Server	ReRead License File		
2 Start Server	Stop Server	ReRead License File		

6 Verify Sima installation Start Sima by opening Start menu > DNV > Sima 64. If you are prompted for a valid license, specify the MARINTEK license file (*marintek_*.lic*) and click Finish.

🐝 Missing or invalid F	LEXIm License		_		×			
Specify license loca	tion							
Specify or drag and d license server	rop a license file ir	to the dialog, alter	natively specify a					
Source: Local file	Source:							
Local file: File location: C:\FlexI	m\marintek_C84BE	0653F551_20231231	l.lic					
License server: Port and address;	@				-			
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Create a new workspace by clicking Browse, select any folder (e.g. C:\DNV\Workspaces\Sima) and click OK.

💕 Select Workspace	×
Select Workspace	
Please select a workspace from the list of recently used workspaces or press 'Browse' to create a new or select a unlisted workspace.	
C:\Users\ADRKOS\SIMA Workspaces\Workspace_1 (current) C:\DNV\Workspaces\Sima	Browse
Cancel	ок 2

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Inside SIMA, click the menu Help > Examples > SIMO > Heavy lifting operation.

🐝 C:\DNV\Workspaces\Sima\Sima.si	ma								
File Edit Navigate Search Tools	Help								
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S- Navigator	Show Ke	y Assist	Ctrl+Shift+L	h	1				
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				2	Stability	?	2	Floatover Installation	
					VIVANA	?	4	Heavy Lifting Operation	
					WAMIT	?	2	Jacket Lifting	
					Wind Turbine	2	2	Moored Semi-Submersible	
				w.	WORKTIOW	>		Turret-Moored FPSO	
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Expand the node **Heavy_Lifting_Operation > Conditions** in the Navigator pane in the upper left corner, right-click **Initial** and select **Run dynamic analysis**.



After a few seconds, you will see the message "Dynamic calculation done" on the bottom right of the GUI.



Right-click **Heavy_Lifting_Operation** in the Navigator pane in the upper left corner and select **Open 3D View**. 3D-graphics should be displayed, showing a platform and a crane.



🐝 C:\DNV\Workspaces\Sima\Sima.sima	💕 CAD File Ec	DW/Workspacer/Sima/Sima.sima Edit Navigate Search Tools Help			- a ×
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If there were no errors when doing the above steps, then Sima is correctly installed. If you meet any error, please contact <u>software.support@dnv.com</u>, make sure you include both license file and snapshots of the errors.