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).
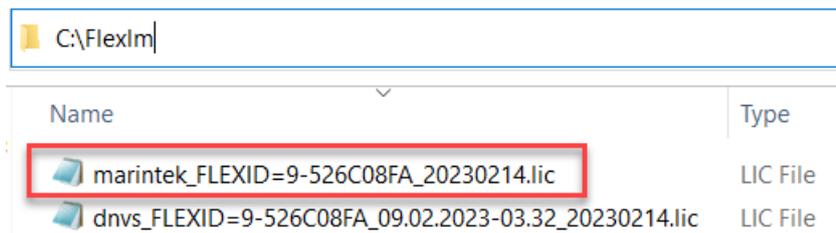
1   Check the license file

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.

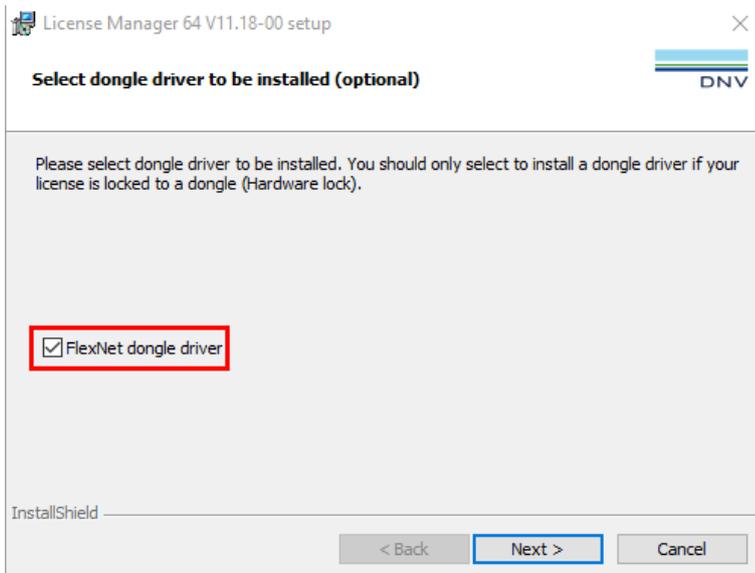## 2   Put the license file into Flexlm folder

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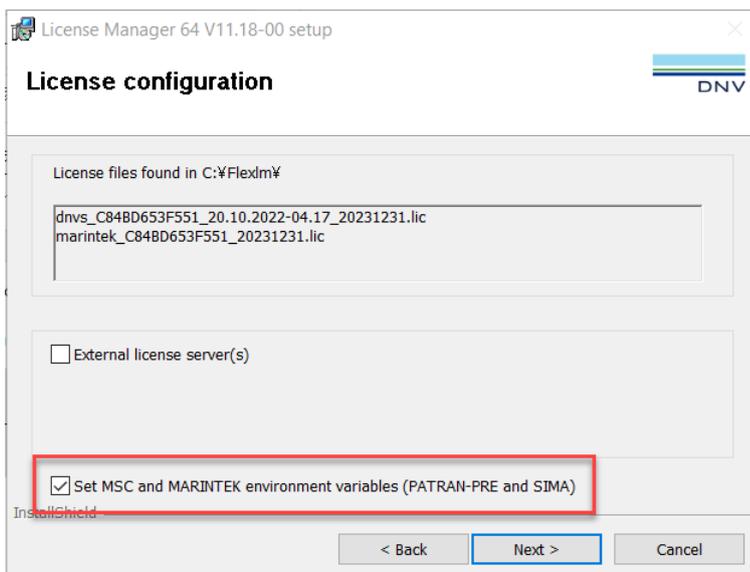

3   Install License Manager

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

Run the installer. In the step below, select "FlexNet dongle driver". (this step is optional for standalone/network license types)
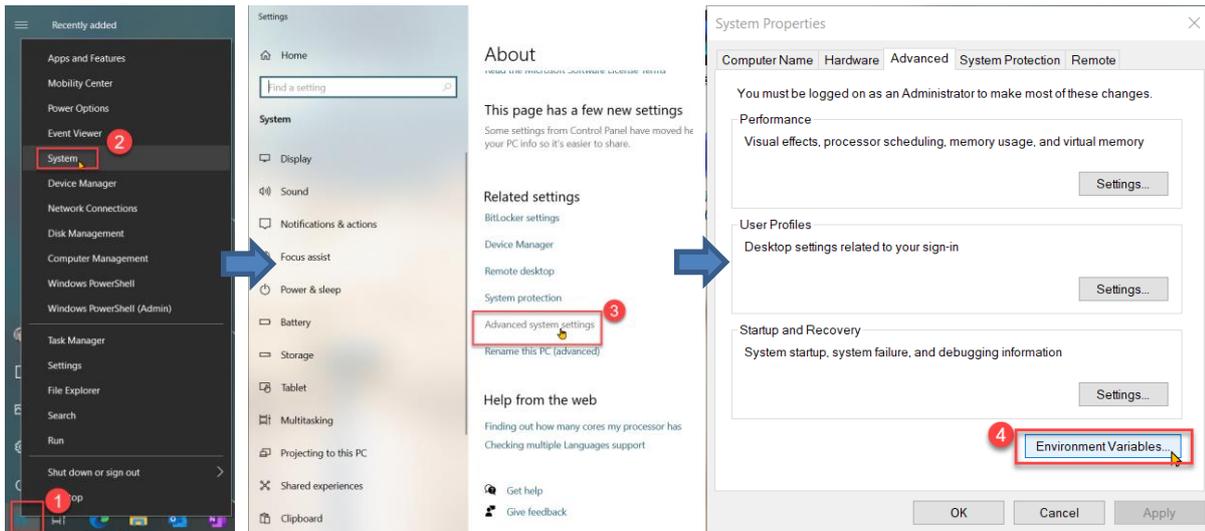
Next, in the step below, select "Set MSC and MARINTEK environment variables".

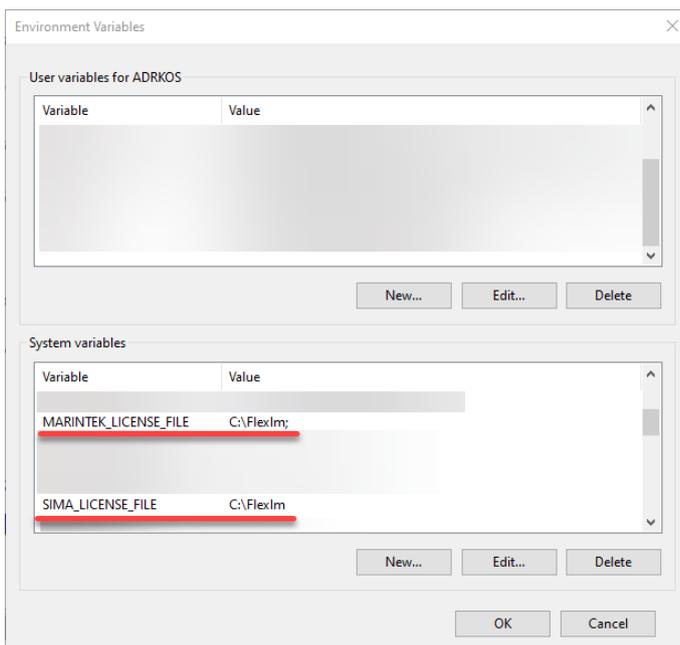# 4 Configure environment variables

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.

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:\Flexlm
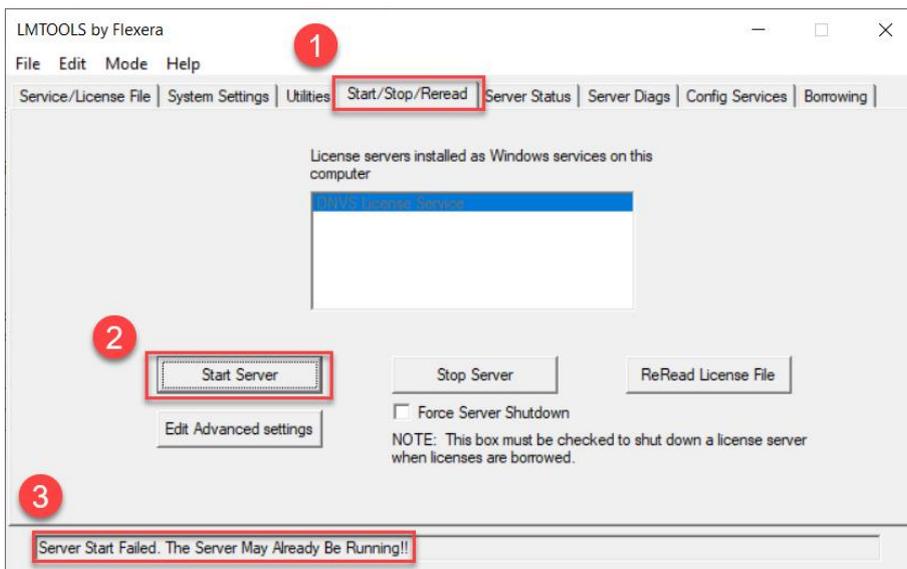**SIMA_LICENSE_FILE = C:\Flexlm**

5   Start the license server

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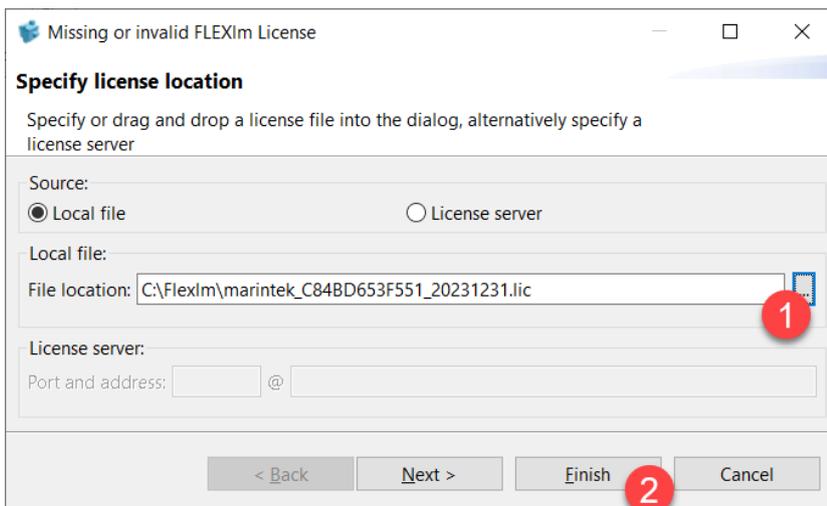Run License Manager by opening **Start menu > DNV > License Manager configuration tool – LMTOOLS**.

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.
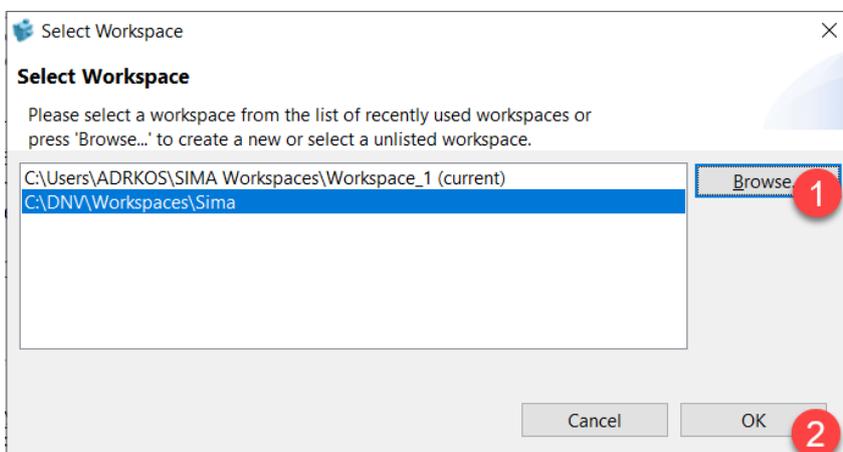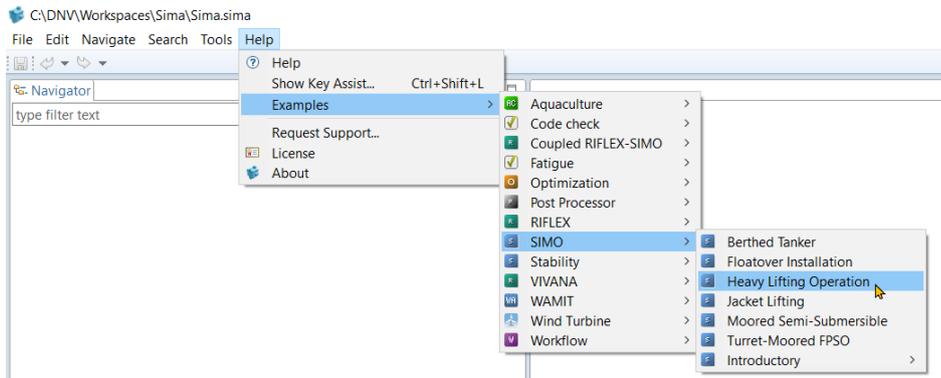
6 Verify Sima installation

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**.
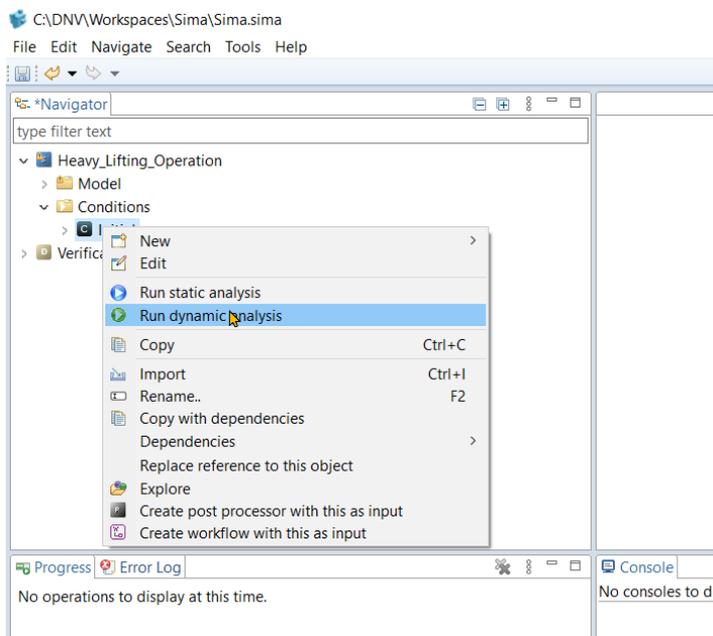

Create a new workspace by clicking Browse, select any folder (e.g. C:\DNV\Workspaces\Sima) and click OK.
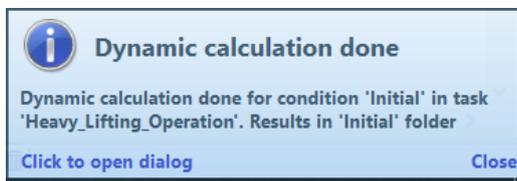
Inside SIMA, click the menu **Help > Examples > SIMO > Heavy lifting operation**.
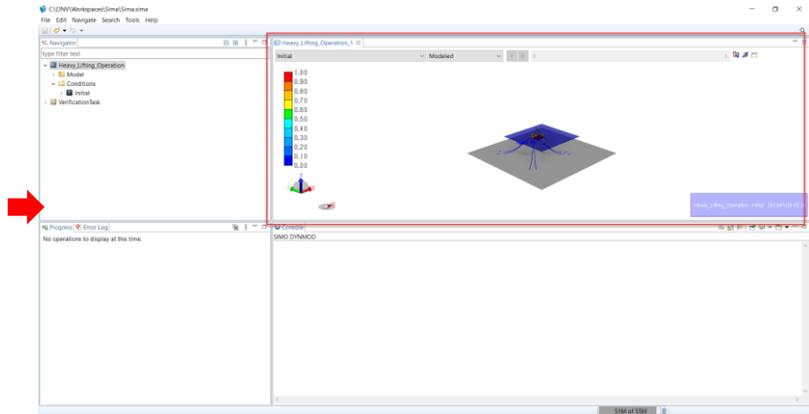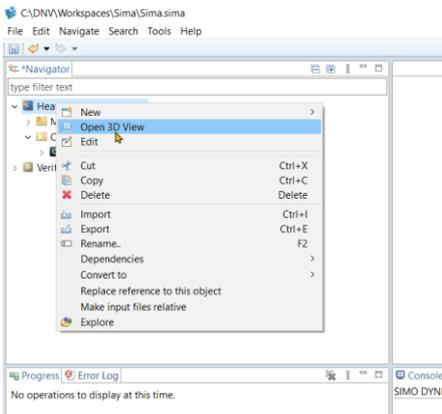

Expand the node **Heavy_Lifting_Operation > Conditions** in the Navigator pane in the upper left corner, right-click **Initial** and select **Run dynamic analysis**.

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.

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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 software.support@dnv.com, make sure you include both license file and snapshots of the errors.

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