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ODYSSEE CAE

ODYSSEE CAE includes:

- ODYSSEE LUNAR: The main GUI of ODYSSEE CAE product which proposes multiple predictions and analyzes. In a few clicks, the user can obtain time-dependent responses in real-time, optimization and parameter fitting, population studies (uncertainty corridors), sensitivity analysis and parameters effects, as well as animations when applicable.
- ODYSSEE QUASAR: A solver to make predictive models and data mining analysis.
- ODYSSEE NOVA: An optimizer to search for the optimal variables to minimize an objective function, while respecting constraints defined.
- ODYSSEE PULSAR: A tool proposing extraction and replacement processes to handle the input csv data in Lunar format.

Download installers

Go to the [MSC Software Download Center](#) to download:

- **ODYSSEE CAE** product exists for:
 - Windows 10, ODYSSEE-CAE_2024.*_x64.exe

Note: The **Helium MSC Licensing tool** must be installed either on the server for a network license or on the user's computer for a seat license. Please, go to the [MSC Software Download Center](#) to download: **MSC Licensing Helium**.

ODYSSEE CAE installation

For Windows:

1. Uninstall old versions if they exist on the computer.
 - a. For the Lunar 4.1.** version and over
 - i. Go to Lunar installation directory.
By default, it was: C:\Program Files\Odyssee\Lunar
 - ii. Click on **unins000.exe** to uninstall the old Lunar Application version.
 - iii. Go to advanced parameters of your system to remove the environment variable **QUASAR_LIBS**.
 - b. Since ODYSSEE CAE 2021 version:
 - i. Go to ODYSSEE CAE installation directory.
By default, it was: C:\Program Files\ODYSSEE\CAE
 - ii. Click on **unins000.exe** to uninstall the old version of ODYSSEE CAE.
2. If ODYSSEE CAE was already installed in past, removed manually the examples directory in personal user directory: `UserName\Documents\ODYSSEE\CAE\Examples`

- Execute the new set-up **ODYSSEE CAE_2024.*_x64.exe**.
- Select the language.
- During the installation select the directory installation and click on **Next**. By default, it is:
C:\Program Files\ODYSSEE\CAE
- Select **Create a desktop shortcut** and click on **Next** button.
- Click on **install** button.
- Execute ODYSSEE CAE.

Licenses

A license file has been sent by e-mail from your Hexagon/MSC contact.

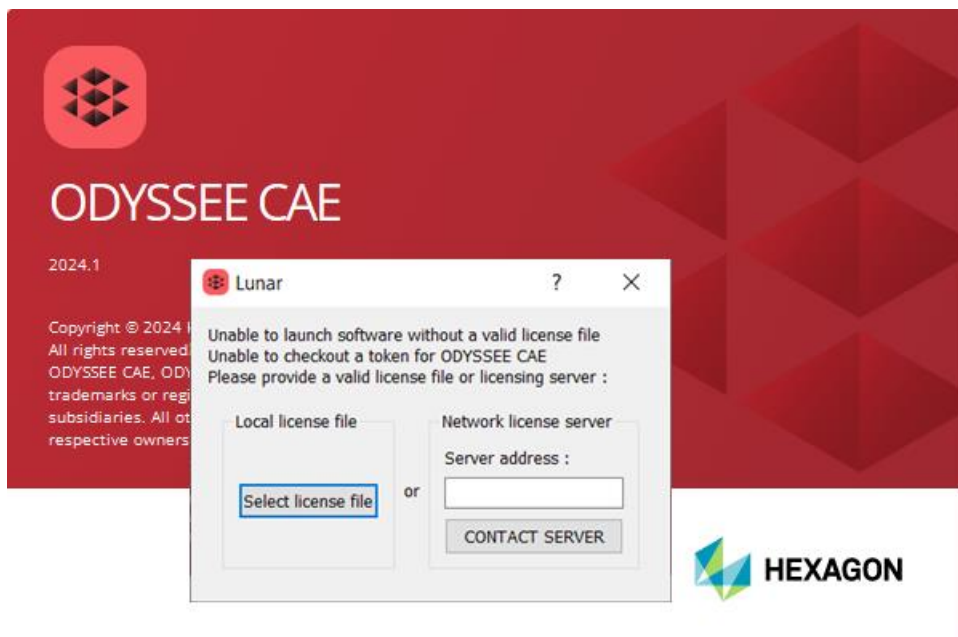
ODYSSEE-CAE_2024.*_x64.exe is compatible with **Helium MSC licensing** (FLEXERA system).

To check the license:

- Launch **ODYSSEE CAE – Lunar**.

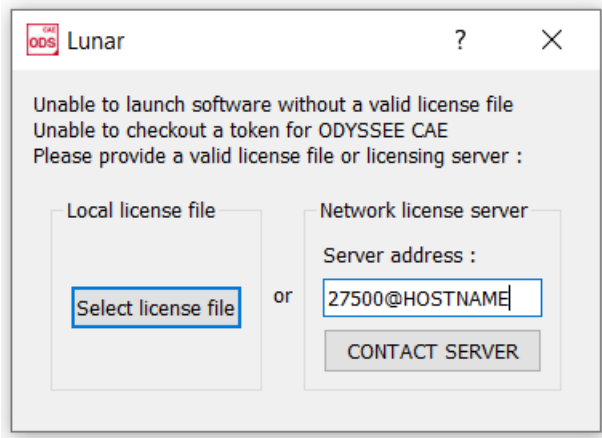
If the license features are not found:

- A pop-up window will display:



- For both types of licenses (Network or seat), enter the following information in the second column **Network license server: 27500@HOSTNAME**
 - HOSTNAME of the server if you received a network license.
 - HOSTNAME of the local computer if you received a seat license.

Note: for seat license, to obtain the host name, open a command prompt and enter ipconfig/all.



- Click on Contact server.

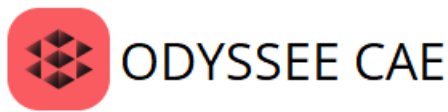
Note (Windows): if Lunar GUI doesn't open, check that the LMtool service is started.

- Launch LMtools.exe.
- Go to the Service/License
- Select the good service in the list.
- Go to Start/Stop/reread tab.
- Start the service.
- Retry to launch the application.

Note: If there is no service, please refer to **MSC Licensing Helium User's Guide.pdf** available in [MSC Software Download Center](#).

Check the license feature(s):

- Open ODYSSEE CAE – Lunar gui interface
- Go to **Help** top menu.
- Select **About ODYSSEE CAE**.
 - The license type and HOST name is display in the **Abouts Lunar** window



version 2024.1

<https://hexagon.com/products/odyssee>

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www.hexagonmi.com/

CEID :	0faa0001-G7A743F9
Host :	C: \Users\sandrine.lecorrecoha\Documents\Licences\license.dat
License :	MscOne
features :	ODYSSEE_CAE



Examples for Windows

Lunar examples are available in:

C:\Program Files\ODYSSEE\CAE\Documentation\Lunar\examples

Or into

.\Documents\ODYSSEE\CAE\Examples\Lunar

Pulsar examples are available in:

C:\Program Files\ODYSSEE\CAE\Documentation\Pulsar\examples

Or into

.\Documents\ODYSSEE\CAE\Examples\Pulsar

Nova examples are available in:

C:\Program Files\ODYSSEE\CAE\Documentation\Nova\examples

Or into

.\Documents\ODYSSEE\CAE\Examples\Nova

Quasar examples are available in:

C:\Program Files\ODYSSEE\CAE\Documentation\Quasar\examples

Or into

.\Documents\ODYSSEE\CAE\Examples\Quasar

Help Documents for Windows

The Help document for Lunar is available in:

C:\Program Files\ODYSSEE\CAE\Documentation\Lunar\Lunar Help 2024.*.pdf

The Help document for Quasar is available in:

C:\Program Files\ODYSSEE\CAE\Documentation\Quasar\Quasar Help 2024.*.pdf

The Help document for Nova is available in:

C:\Program Files\ODYSSEE\CAE\Documentation\Nova\Nova Help 2024.*.pdf

The Lunar, Nova and Quasar Help documents are also available in **Help** top menu from Lunar interface.

The Help document for Pulsar is available in:

C:\Program Files\ODYSSEE\CAE\Documentation\Pulsar\Pulsar Help 2024.*.pdf

It is also available in **Help** top menu from Pulsar interface.