
OptoLyzer[®] Studio – Online Licensing Process

1.0 Introduction

This document describes the online licensing process for the OptoLyzer Studio software.

1.1 Audience

This document is written for users who use OptoLyzer Studio and want to level up its feature set, to access entire software functionality.

1.2 Terms and Definitions

Term	Definition
Container	A software construct that holds a license or even several licenses
CmDongle	The license is fully transferred to a dongle. This allows to use the license on different computers, but not at the same time.
CmActLicense	The license is transferred to a computer (PC). The license is associated with some properties of the computer.
CodeMeter [®]	Software protection provided by WIBU-SYSTEMS. This technology allows flexible software licensing.

1.3 References

1. OptoLyzer Studio Entry edition
<https://www.microchip.com/en-us/development-tool/B10443>

2.0 Overview

A license can be used either on several computers or on one computer, depending on the license container you use to store your license. In both cases, once the license is written into the container it can be used offline.

The following license containers are available:

- *CmDongle*: This container is used to store the license in a dongle. The dongle can be plugged in into a USB port of any computer that has installed OptoLyzer Studio.
Note: To use the *CmDongle*, the USB dongle must be ordered first [\[1\]](#).
- *CmActLicense*: This container is used to store the license on one computer. This static license is associated with some properties of a computer which has installed OptoLyzer Studio and to which the license was transferred.

To be able to license the software, a ticket is required. The ticket can reach you as a link in an email or as printed information included in the package you ordered.

The licensing process can be started by using the File menu of the OptoLyzer Studio. The entire procedure is described in [Chapter 3.0](#).

Even faster is licensing by just clicking on the link that was sent to you. After clicking the link, proceed either with section:

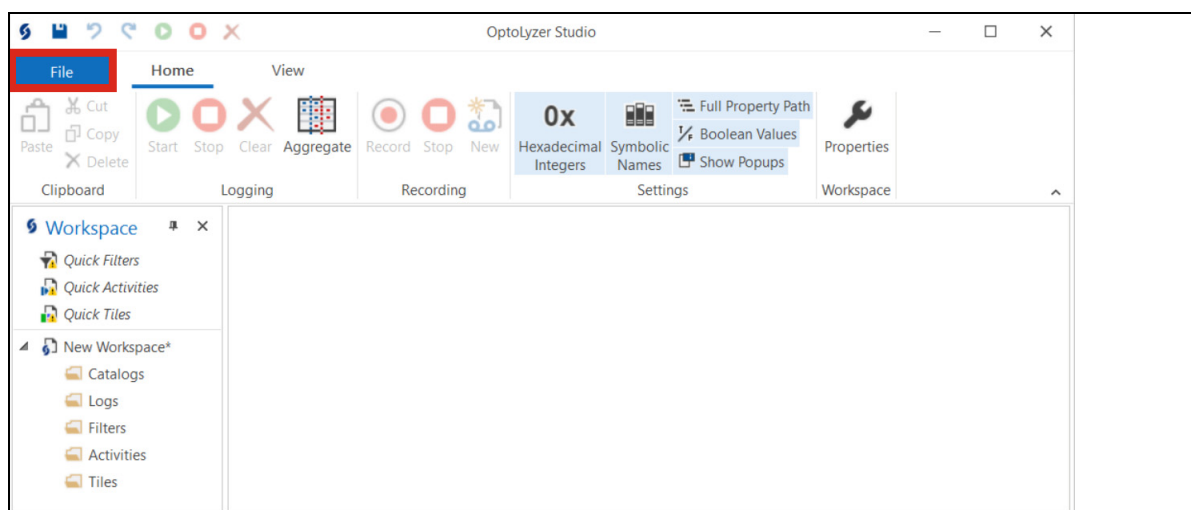
- [Bind your license to a dongle](#) or
- [Bind your license to a PC](#).

3.0 Activate the License

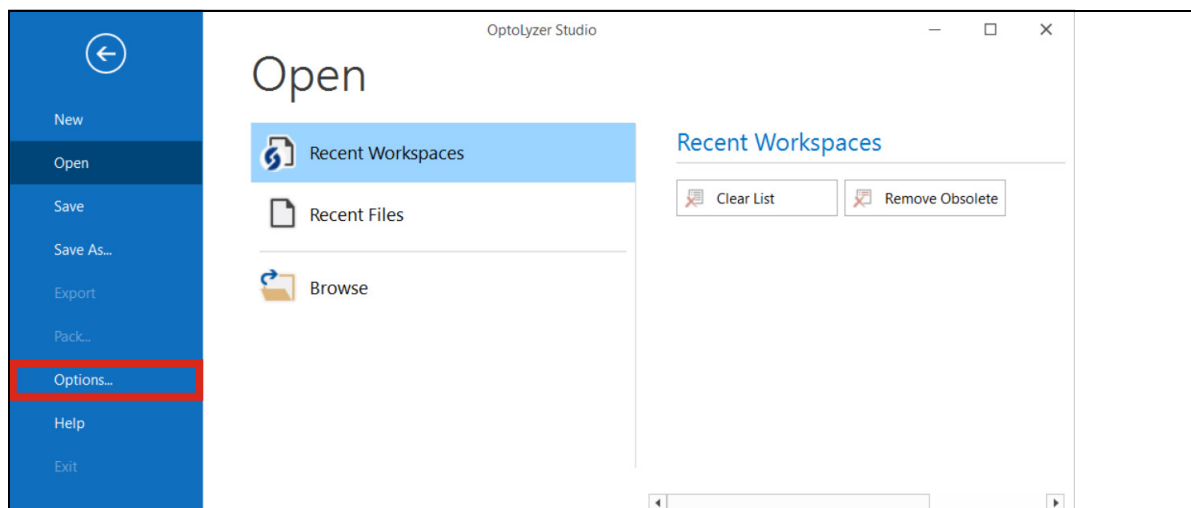
Conditions:

- OptoLyzer Studio is installed on a PC that has access to the Internet.
- OptoLyzer Studio is running.
- Plug the *CmDongle* into a USB Port of the PC, if you want to write the license into a *CmDongle*.
When you plug-in the dongle, the operating system installs the corresponding device drivers.
If you have ordered a PC license (*CmActLicense*), you can skip this step.

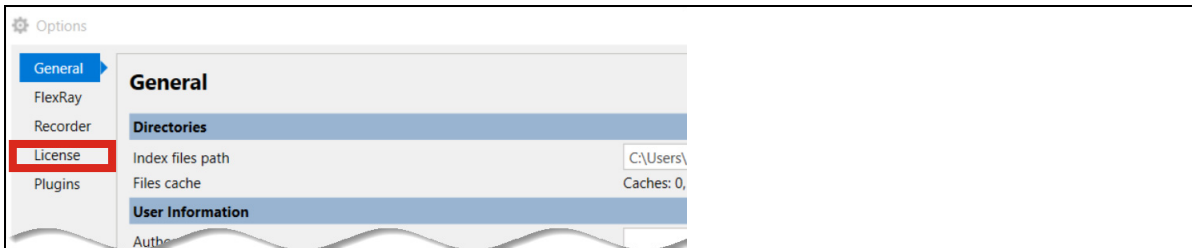
1. Open OptoLyzer Studio.
2. Click “File”.



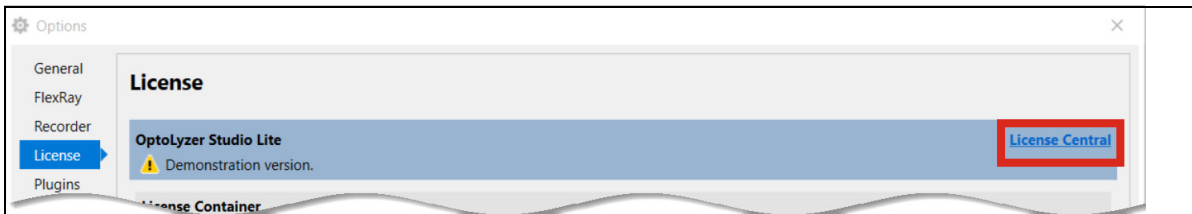
3. Click “Options”.



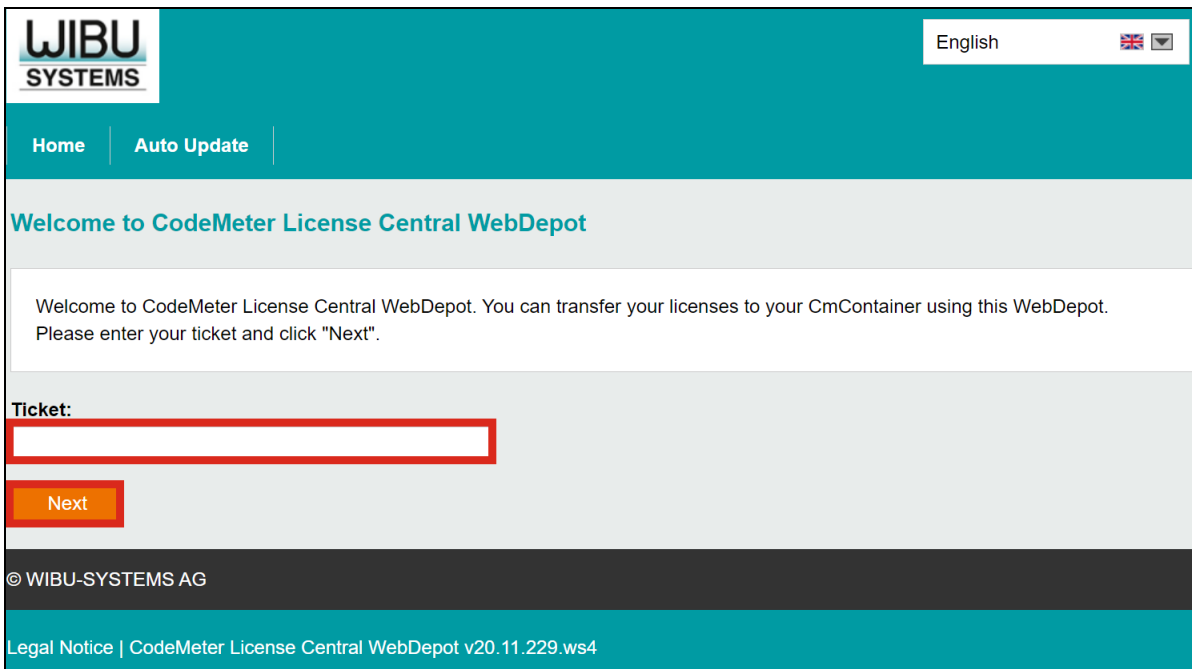
- Click "License".



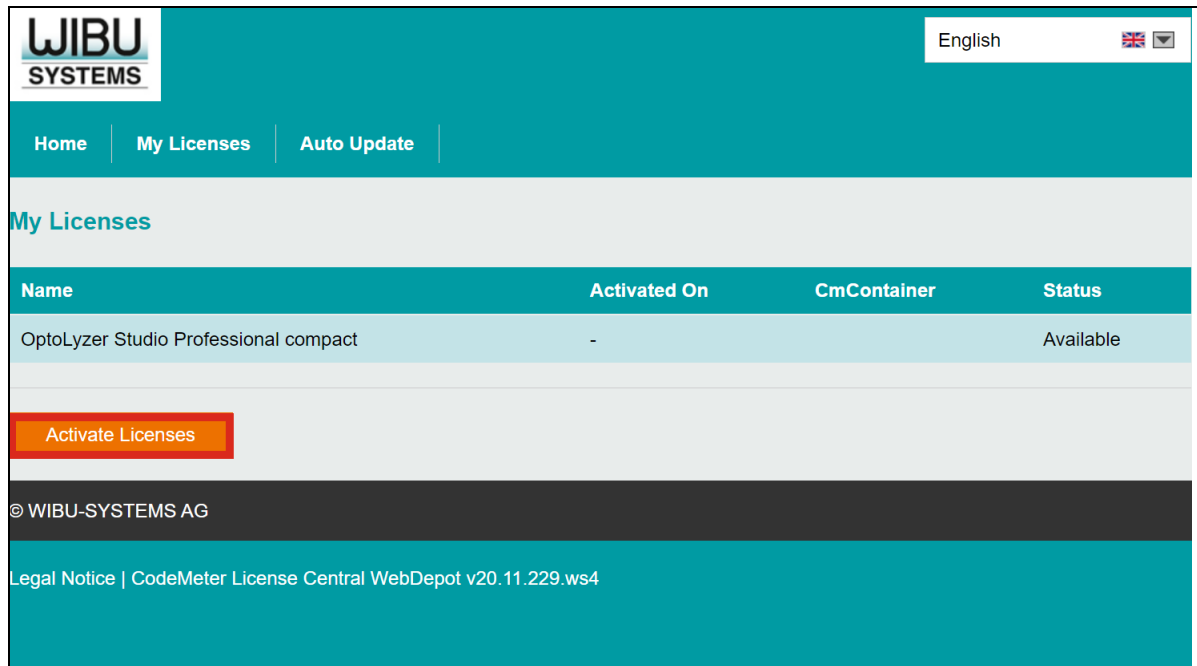
- Click "License Central".
This opens the CodeMeter License Central WebDepot page that allows entering and maintaining the licenses of all OptoLyzr Studio editions.



- Enter your ticket in this form.



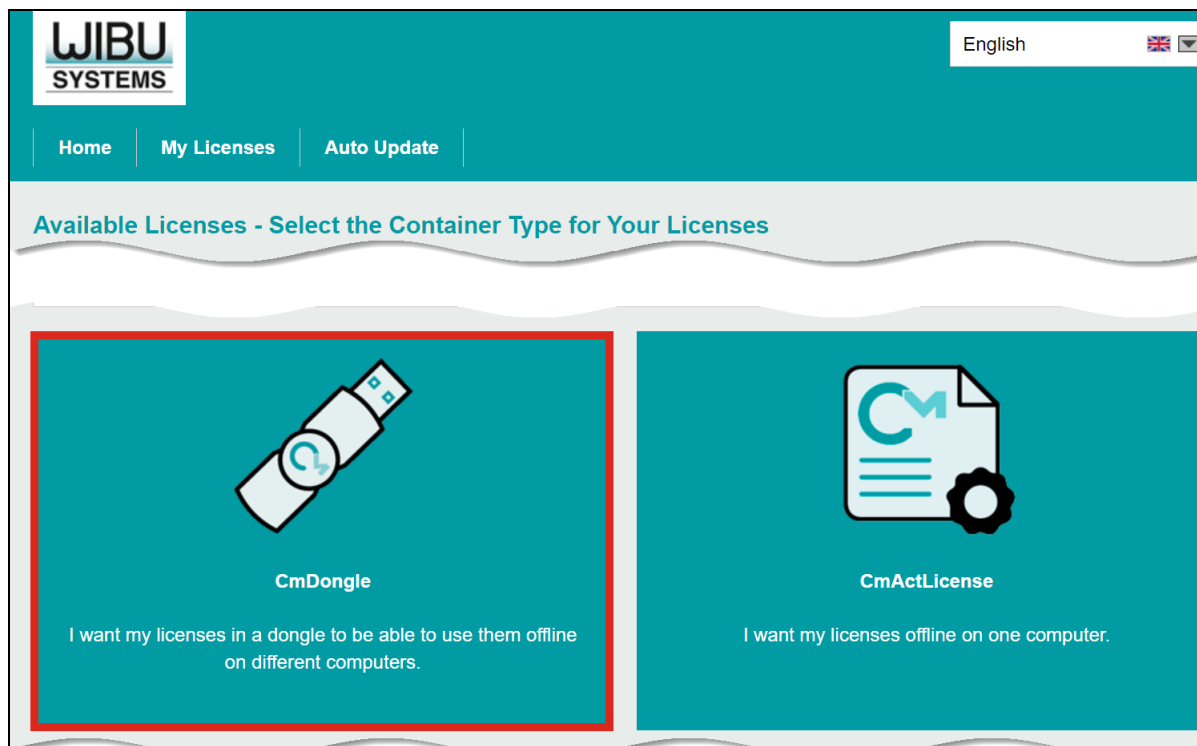
- Click "Next".
This opens a window that provides an overview of activated and/or available *CmContainers*.
In this example, no *CmContainer* has been activated; but one for the OptoLyzr Studio Professional compact is available.



8. Click "Activate Licenses".
This opens a window in which you can specify if you either want to bind the license to a dongle or to a PC, which depends on what you have purchased.

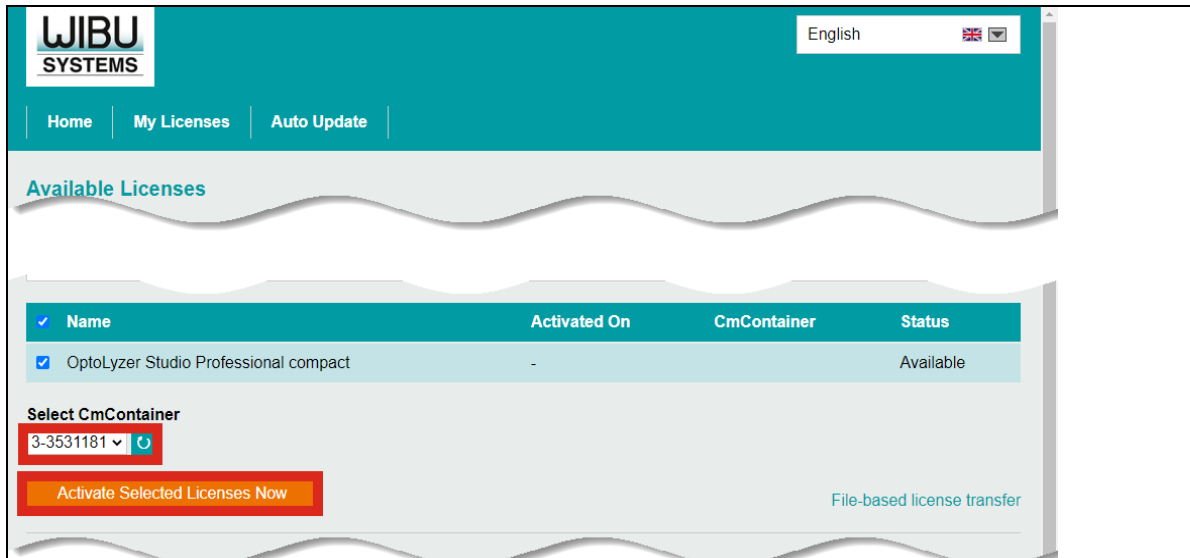
Bind your license to a dongle

- a) Click "CmDongle".



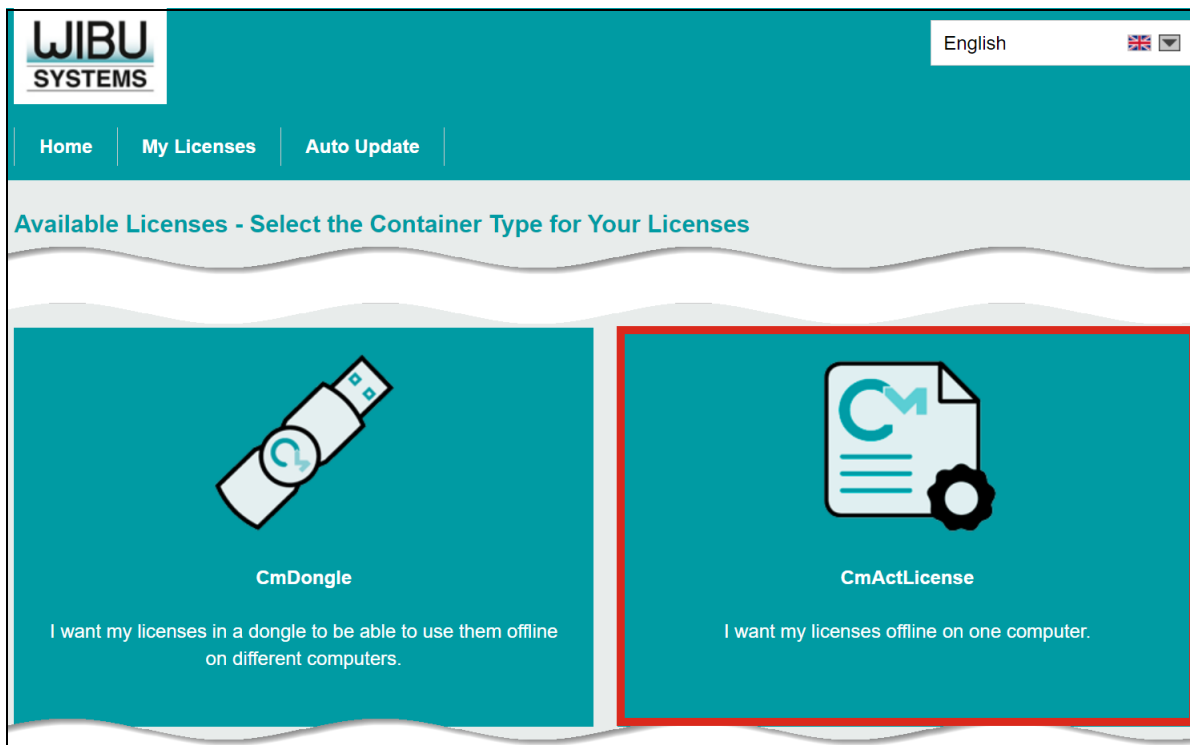
This opens a page that allows to select a *CmContainer* and activate the license.

- b) Select the *CmContainer*.
If there is no *CmContainer* visible, click the button next to the drop-down box to refresh the view.
- c) Click “Activate Selected License Now”.
This starts the license transfer.
Continue with Step 9.



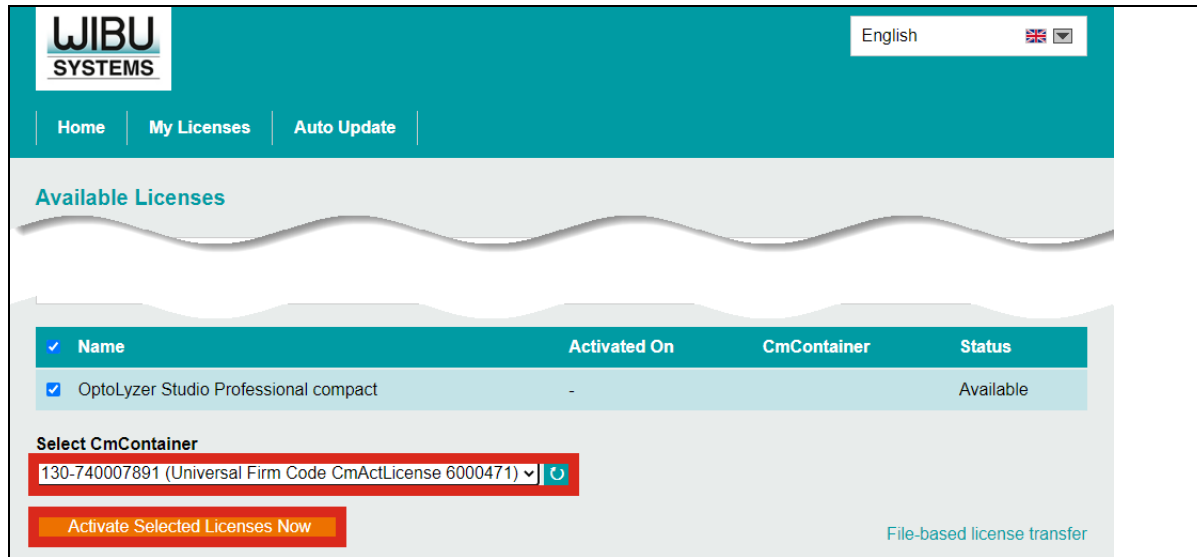
Bind your license to a PC

- a) Click “CmActLicense”.

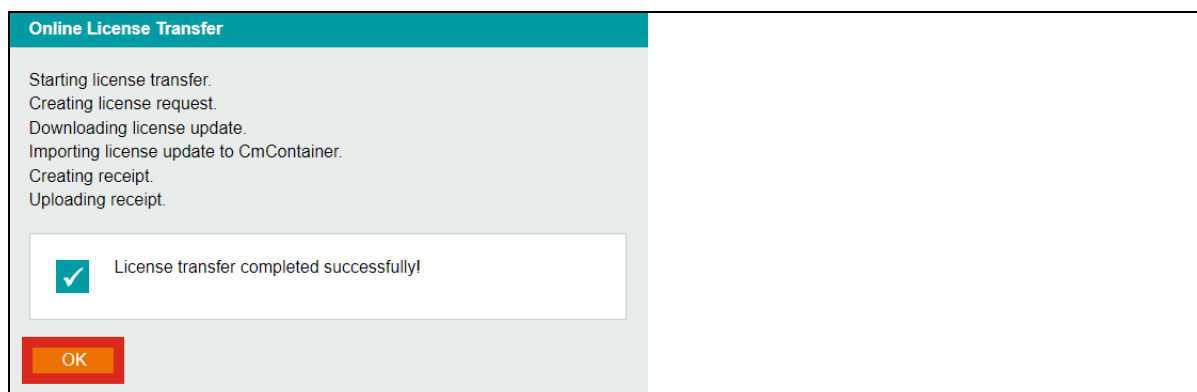
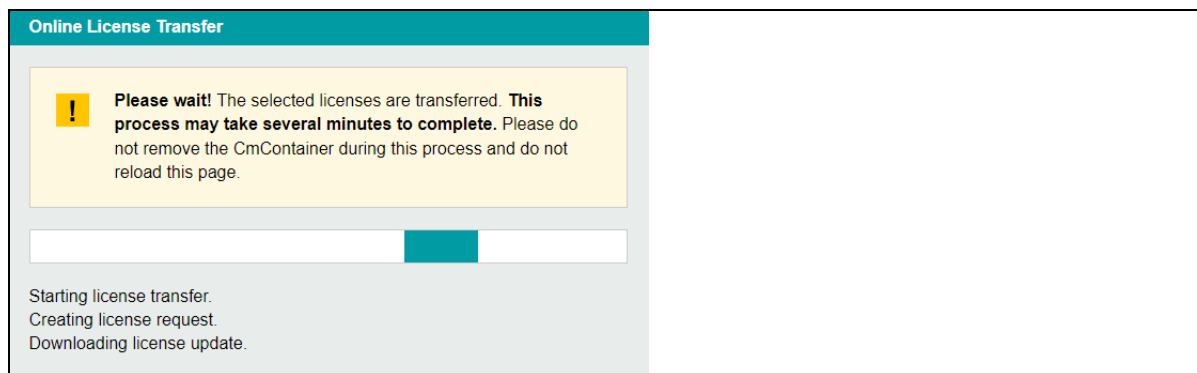


This opens a page that allows to select a *CmContainer* and activate the license.

- b) Select the *CmContainer*.
If there is no *CmContainer* visible, click the button next to the drop-down box to refresh the view.
- c) Click “Activate Selected License Now”.
This starts the license transfer.

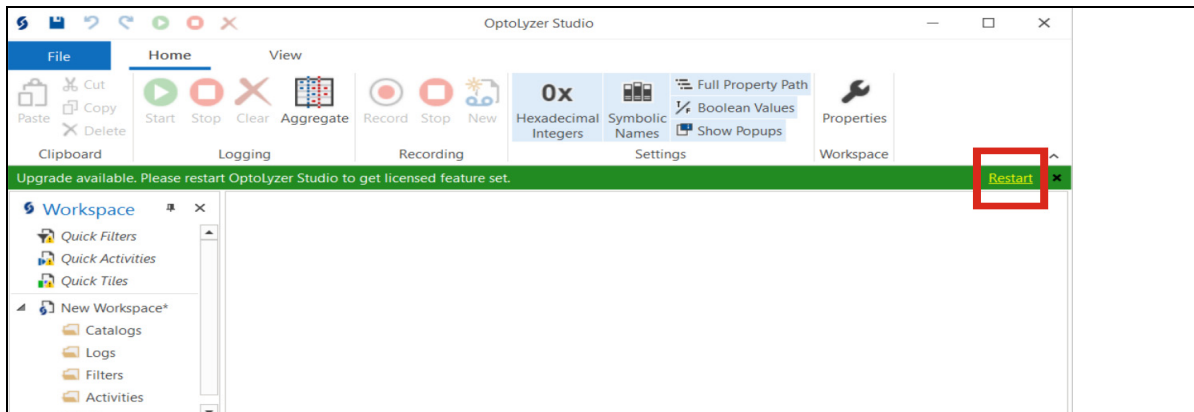


9. Follow the instructions shown in the Online License Transfer window.



10. Click “OK”, after the license transfer has been completed successfully.

11. Switch back to the Optolyzer Studio.
The dialog shows that there is an upgrade available.
12. Click the “Restart” link.
Optolyzer Studio is started with the feature set of the edition you purchased.



4.0 Trouble Shooting

This chapter describes only the trouble shooting items that refer to licensing. The entire trouble shooting information is described in the OptoLyzer Studio online help. To access the help file:

1. Click **File** in the menu bar of the OptoLyzer Studio and select **Help**.
2. Click the “Help” icon.

4.1 You Do Not Have a Ticket

If you do not have a ticket, contact the support team on our web site: <https://www.microchip.com/en-us/support>.

4.2 Despite License, OptoLyzer Studio Lite Edition Starts

You have installed OptoLyzer Studio and launched the application. However, the Lite edition of the OptoLyzer Studio is started. This might have different reasons. Follow the check list below.

1. Check whether OptoLyzer Studio shows a *green notification* located beneath the ribbons.
If so, click the **Restart** button to get the licensed feature set.
2. If you have ordered a *CmDongle*, check whether if it is plugged in into the PC where the OptoLyzer Studio is installed.
3. Check also if the “OptoLyzer Studio Service” is running.
 - a) Open the “Computer Management” app on your PC.
(Write “Computer Management” into the search field of your PC and select the app.
 - b) Expand “Services and Applications” in the left panel.
 - c) Select “Services”.
 - d) Search “K2L OptoLyzer Studio Service”.
 - e) Right click it.
 - f) Select “Start” if it is not started yet.
 - g) Check the column Status.
It switched to “Started”.
4. Check the license in the “CodeMeter Control Center (and CodeMeter Service)”.
 - a) Open the “CodeMeter Control Center” app on your PC.
The License tab should show the kind of license and its status.


Note: Starting the CodeMeter Control Center also starts the CodeMeter Service.

4.3 CodeMeter Service Does Not Start After Installation

If the installer states that the CodeMeter Service has been installed but could not be started, you can follow the steps below (described for Windows® 7):

5. Open the “Computer Management” app on your PC.
6. Expand “Services and Applications” in the left panel.
7. Select “Services”.
8. Search “CodeMeter Runtime Server”.
9. Right click it.
10. Select “Start”.
11. Check the column Status.
It switched to “Started”.

4.4 Device Is Not Supported in the Current OptoLyzer Studio Edition

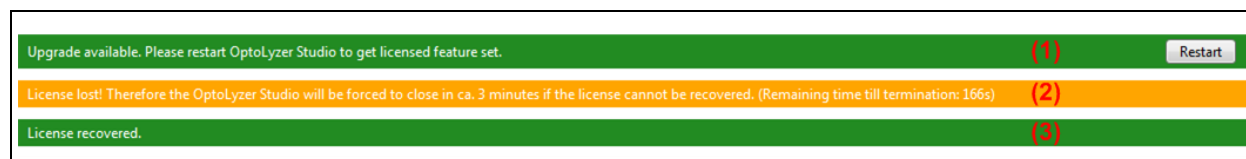
It may be happen that your connected tool (e.g., an OptoLyzer MOCCA compact) is not supported in your current OptoLyzer Studio edition. If so, this is indicated by a closed lock icon .

To use the device, upgrade the license of the OptoLyzer Studio and restart OptoLyzer Studio. The device is now visible in the Device Manager (it is not visible in System Info).

4.5 A Licensing-Related Alert Is Shown

In some dedicated use cases OptoLyzer Studio shows alerts between the ribbon and **Main** window, especially when an action or your attention is required regarding an licensing issue.

FIGURE 4-1: ALERTS – EXAMPLE



The table below describes when the alerts occur and what action needs to be done.

TABLE 4-1: ALERTS

Number	Description	Action
(1)	Displayed if OptoLyzer Studio detects a higher license. For example, the OptoLyzer Studio has been installed without any license. It starts as Lite Edition. Afterwards a <i>CmDongle</i> (licensed for a Foundation Edition) is plugged in the PC. OptoLyzer Studio detects the <i>CmDongle</i> , recognizes the higher license and finally displays an alert.	Click Restart to get the higher licensed feature set.
(2)	Displayed, if a license is missing (e.g., the license dongle is not plugged in). OptoLyzer Studio waits 180 seconds until it terminates. Meanwhile, the license can be activated. If done, the application will not be closed.	Activate license, e.g., plug in a <i>CmDongle</i> .
(3)	Displayed if a license has been recovered after losing it previously.	—

APPENDIX A: REVISION HISTORY

Revision	Date	Section/Figure/Entry	Correction
DS00004760A	2022-10-06	Initial version of document	

AN4760

NOTES:

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