



QMSOFT® Manual - License: CmAct

Release 8.1

**L&W Gesellschaft für Fertigungsmesstechnik
und Qualitätssicherung mbH**

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CHAPTER 1

Introduction

The QMSOFT® software system is protected against unauthorized use/copying by means of the widely used CodeMeter® hardware from the manufacturer WIBU-SYSTEMS AG. In special cases, it may be necessary to forego licensing using CodeMeter® hardware, e.g. if corporate guidelines prohibit the use of dongles throughout the company and exceptions cannot be enforced.

In this case, QMSOFT® can be protected using the purely software-based licensing technology CmActLicense from WIBU-SYSTEMS AG, which can support all license features familiar from QMSOFT® (floating license, runtime restrictions, QMSOFT® versioning).

This documentation is intended to help you install, set up and use CmActLicense for QMSOFT®. For further information on QMSOFT® or the services offered by L&W GmbH, please visit our Website <https://www.lw-gmbh.com>!

If you have serious problems using our software that you cannot solve with the help of the information in the manual, please describe the situation to us by fax or e-mail. Please do not forget to provide the version number and release date of the QMSOFT® installation, the number of the “CmAct license” (copy protection) and information about your computer configuration. This will make our support service much easier.

In the QMSOFT®/GaugeMan program, you will find a useful function in the menu item *Help* → *Show list of the actual configuration* that lists important information about the QMSOFT® installation in a summary [Fig. 1.1, Fig. 1.2].

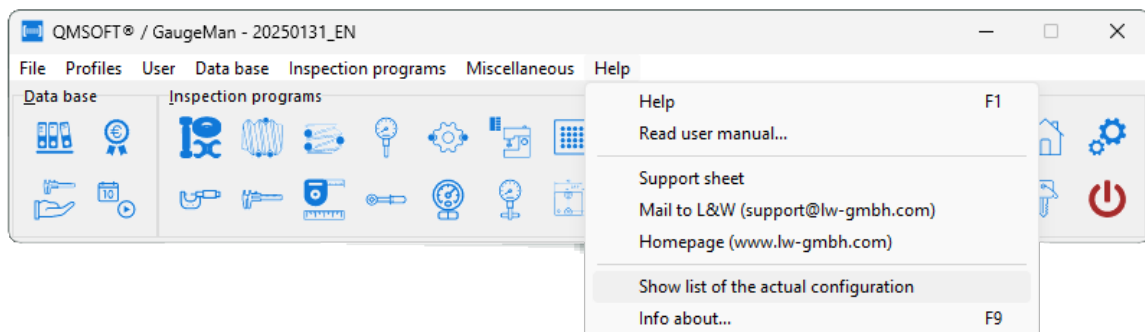


Fig. 1.1: Menu - actual configuration.

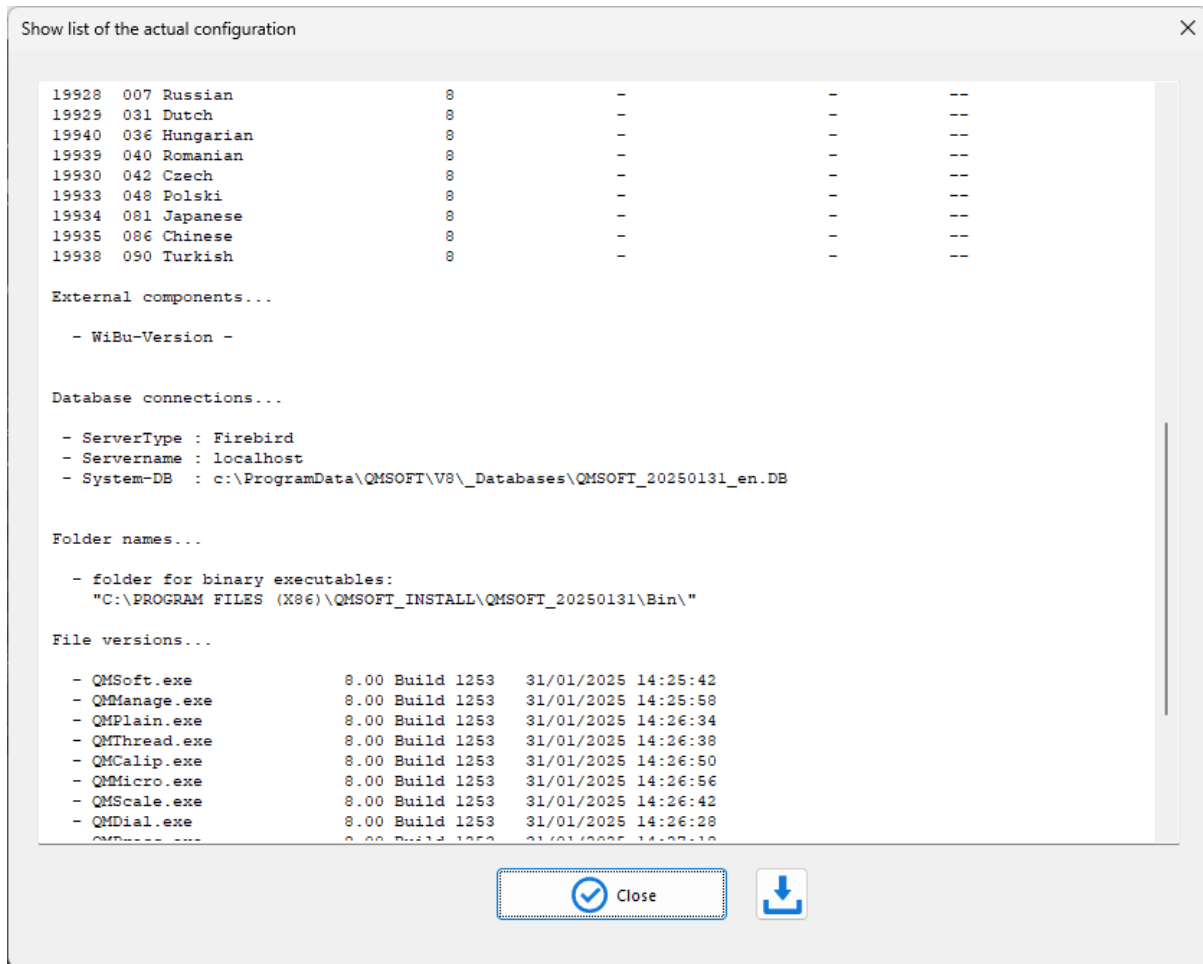


Fig. 1.2: Information window - actual configuration.

CmActLicense setup for QMSOFT®

We recommend that you commission the CmActLicense licensing mechanism before the actual QMSOFT® installation. Of course, subsequent setup is also possible. In this description we assume that you have a QMSOFT installation kit (DVD or software download from the L&W GmbH website) so that you can start immediately.

2.1 Preparations

In a preparatory step, the “CodeMeter® Runtime Kit” must be installed. This software component forms the basis for both the hardware-based CodeMeter® stick and the software-based CmActLicense copy protection. The QMSOFT® system itself does not have to be installed yet. Install the CodeMeter® driver on the computer that will serve as the license server for CmActLicense. This can be a local client workstation or a central server in the network. Insert the QMSOFT® data medium, wait for the autostart process and click the CodeMeter® button in the QMSOFT® installation starter. Simply click “Next” to go through the installation process. You can ignore the query for “Name” and “Organization”; this information has no relevance for QMSOFT®.

2.2 Step 1 - License information file (LIF file)

As part of the software delivery, you will receive a license information file by e-mail from the QMSOFT® manufacturer or dealer that specifies the strength of the hardware binding of the QMSOFT® license to the computer used and forms the starting point for generating the CmActLicense license. This file must first be imported into the CodeMeter® Control Center:

- Save the file with the file extension “.WBB” on the desktop,
- Start the CodeMeter® Control Center (see CodeMeter® icon in the Windows taskbar [Fig. 2.2.1]), then it appears with a list of all CodeMeter® sticks and CmActLicense licenses available on the machine (this list is usually empty at first).

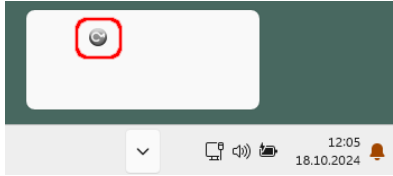


Fig. 2.2.1: Windows taskbar system tray.

- Drag and drop the file previously saved on the desktop from the desktop onto the large white framed area in the CodeMeter® Control Center and drop it there [Fig. 2.2.2].

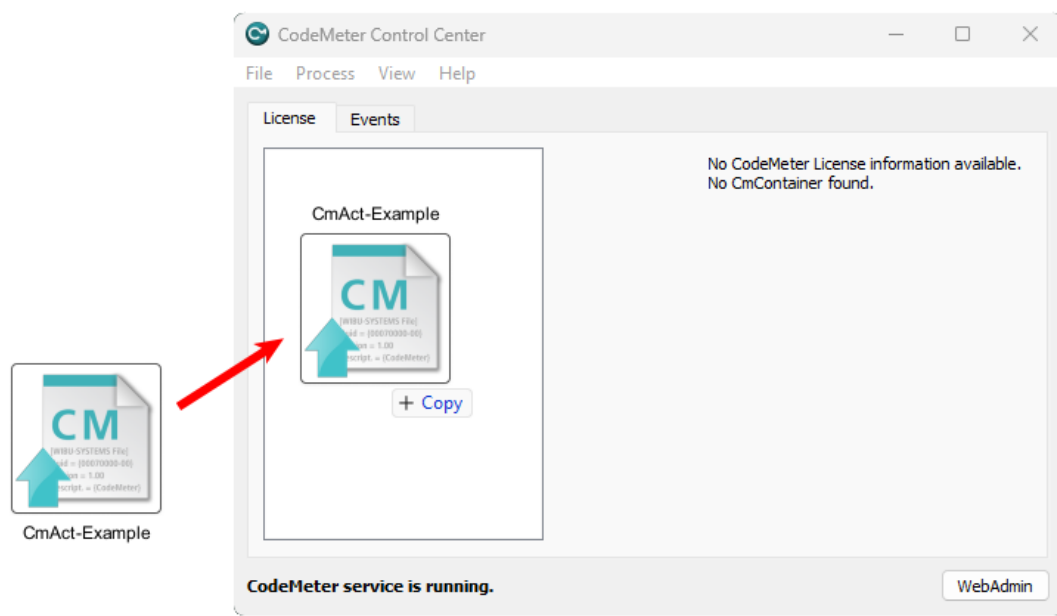


Fig. 2.2.2: CodeMeter® Control Center.

- Now an empty license container is listed in the “CodeMeter® Control Center”, the name of which should indicate that it belongs to QMSOFT® (see Fig. 2.2.3).

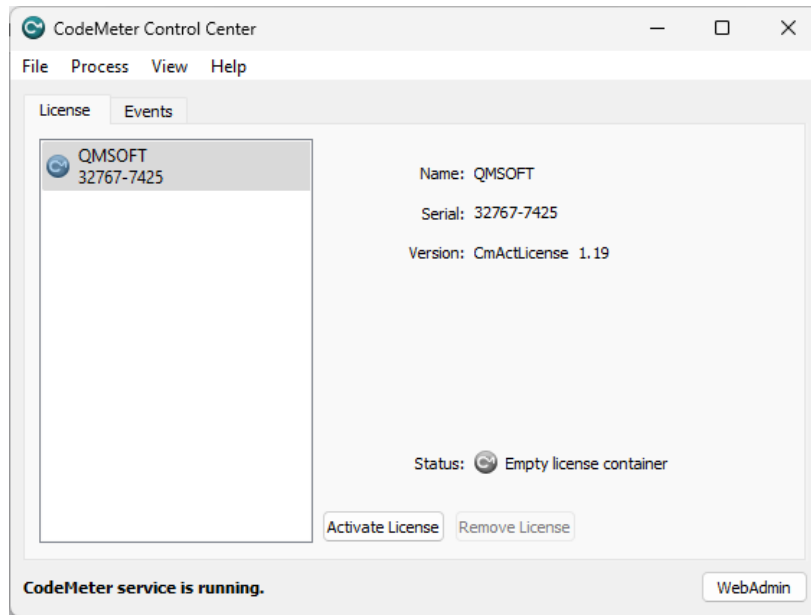


Fig. 2.2.3: CodeMeter® Control Center with read license information file.

The license information file has now been read successfully.

Note

The displayed license serial number is only temporary and will change again when the actual license update is installed.

2.3 Step 2 - Create License Request

Now create a license request file (file extension: “WibuCmRaC”) that contains information about the computer used as the license server in encrypted form, which will then be needed later for the actual license generation:

- Select the new QMSOFT® license container entry in the CodeMeter® Control Center and click the “Activate License” button in the CodeMeter® Control Center [Fig. 2.3.1],

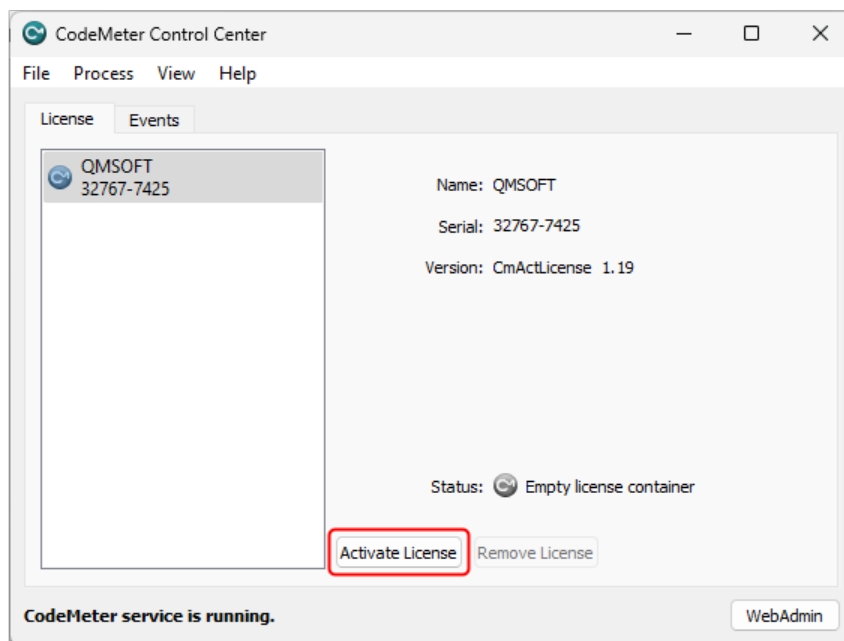


Fig. 2.3.1: Create license request file.

- A wizard will guide you through the following steps, first confirm the welcome screen [Fig. 2.3.2] with the “Next” button,

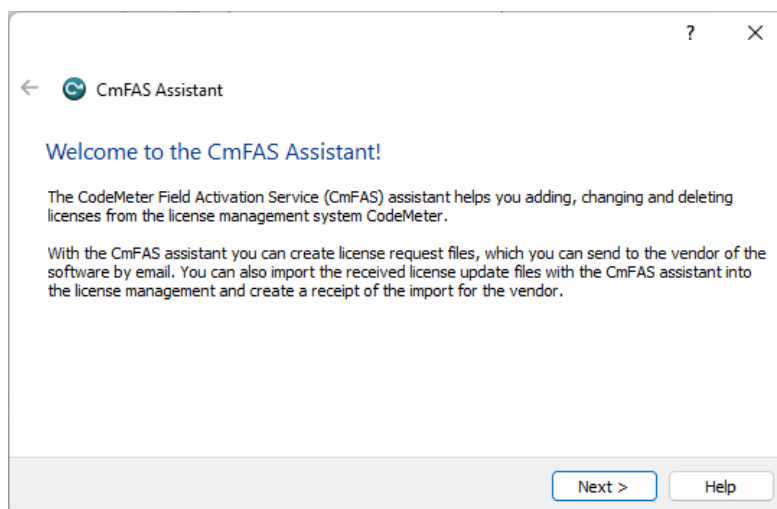


Fig. 2.3.2: CodeMeter® Field Activation Service - Assistant.

- In the following action selection, please select the item “Create license request” [Fig. 2.3.3] and then continue with “Next”,

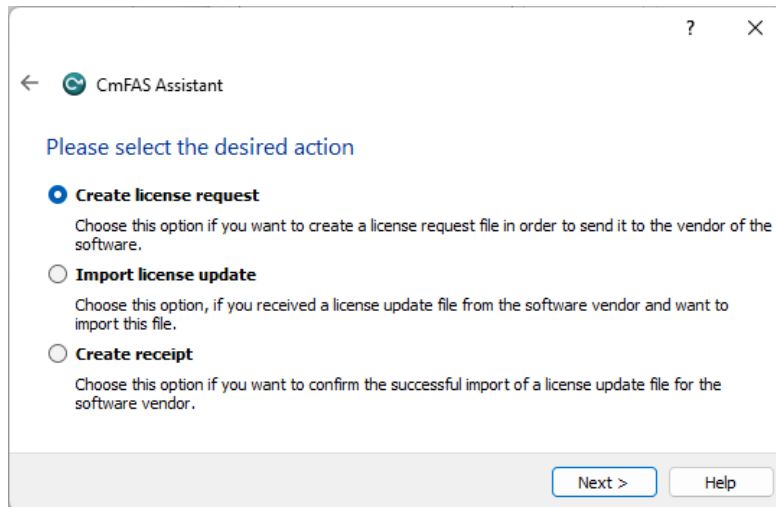


Fig. 2.3.3: CodeMeter® Field Activation Service - Assistant.

- The license request must now be saved in the form of a file [Fig. 2.3.4], which you can conveniently save directly on the desktop. **Please do not change the preset file name and file extension** For the directory name you can use any existing directory for which you have write permissions. Please remember where you saved the file!

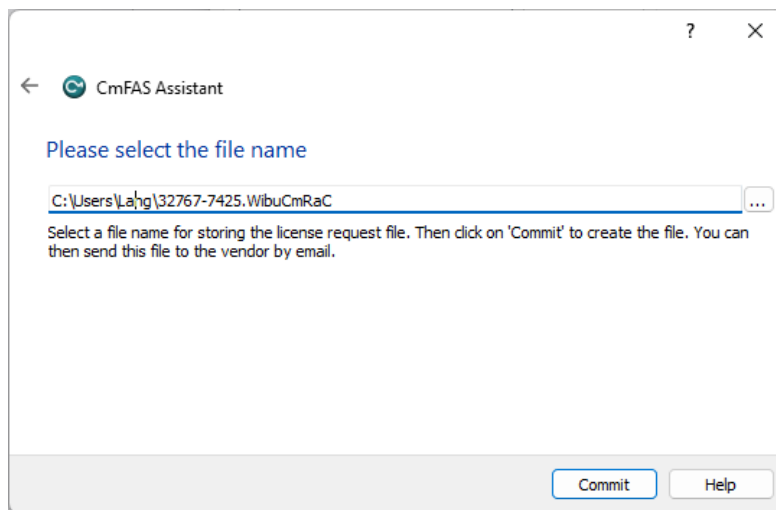


Fig. 2.3.4: Saving the license request file.

- A final success message ends the wizard.
- Now send the license request file you just created by e-mail to support@lw-gmbh.com or to the e-mail address of your dealer. The employees of L&W GmbH (QMSOFT® licensor) will immediately send you (QMSOFT® licensee) a license update file.

Please wait for the license update to be received. The CodeMeter® Control Center can be closed in the meantime, or the computer can be turned off. Check your e-mail inbox from time to time to see if a license update has arrived. Please also check your spam folder if necessary!

2.4 Step 3 - Import license update

After receiving the e-mail with the license update file (file extension: “WibuCmRaU”), save this file back to the desktop and call up the CodeMeter® Control Center again. There, click the “Activate license” button again, then select the “Import license update” option in the wizard [Fig. 2.4.1] and enter the license update file saved on the desktop [Fig. 2.4.2].

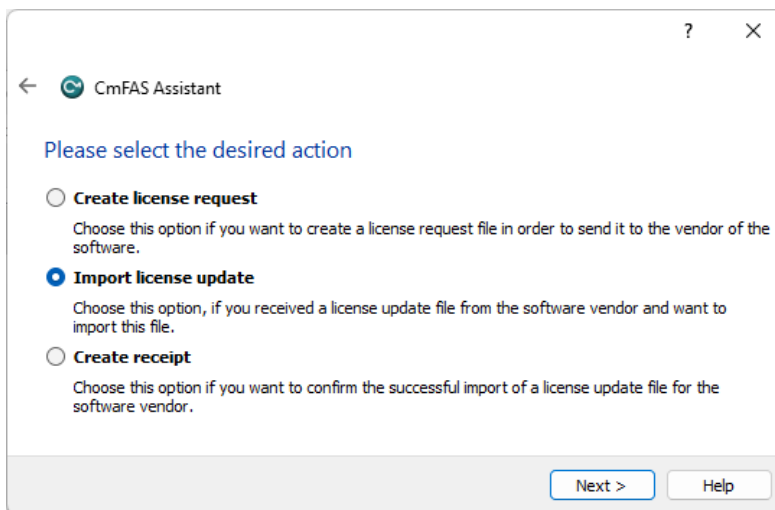


Fig. 2.4.1: Import license update.

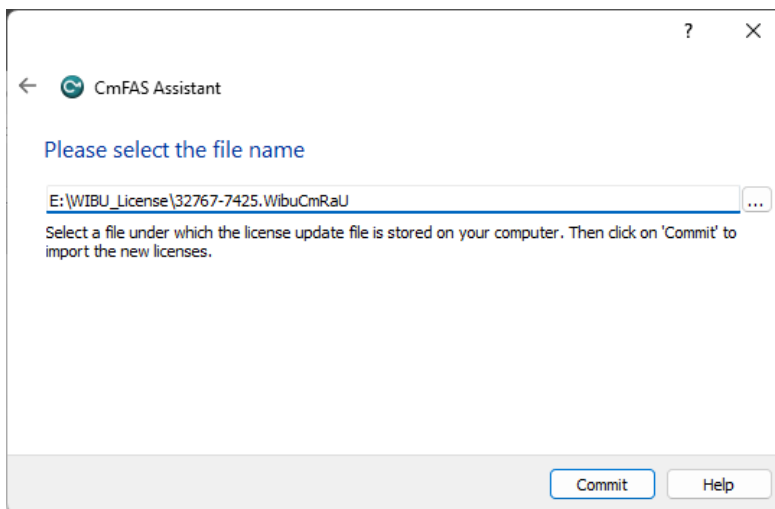


Fig. 2.4.2: Import license update - file selection.

Note

This import process changes the license number of the CmActLicense license container. This is normal and does NOT result from a malfunction!

Do NOT exit the CodeMeter® Control Center yet, continue with the steps in the next section.

Note

If a license update file has already been used once, it CANNOT be used again (even if the license container has been deleted and recreated using a LIF file)!

2.5 Step 4 - Create receipt

The last step in setting up a CmActLicense-based QMSOFT® license is to acknowledge the import process. This acknowledgement is very similar to the procedure for generating the license request file. Here, too, the wizard is activated using the CodeMeter® Control Center and this time the option “Create receipt” is called up [Fig. 2.5.1]. Please send the receipt file (file extension: “WibuCmRaC”) again to the e-mail address “support@lw-gmbh.com”.

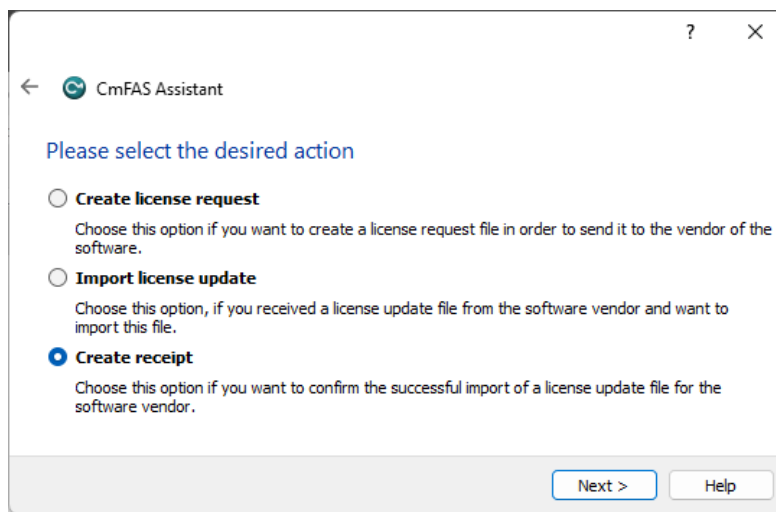


Fig. 2.5.1: Create receipt.

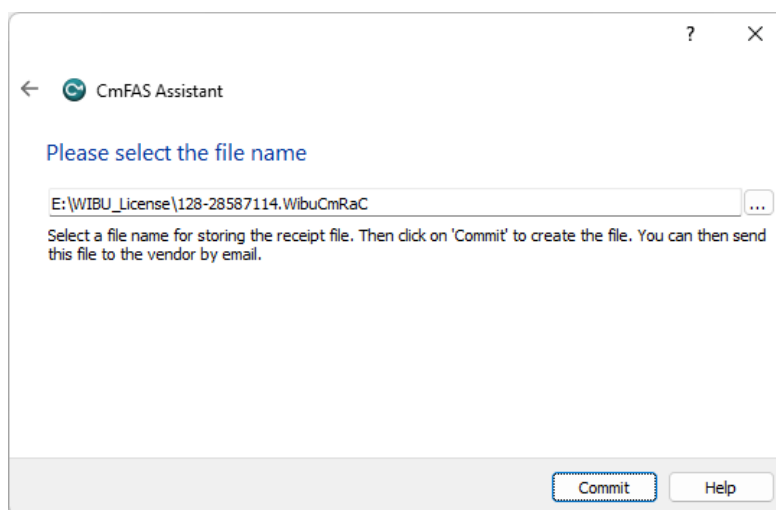


Fig. 2.5.2: Create receipt - file name.

The licensing process is now complete and the CmActLicense license container can now be used by QMSOFT®. The software user does not notice any difference to the conventional copy protection process via CodeMeter® stick.

CmActLicense licenses on the “Server”

When installing multiple QMSOFT® workstations in a network, usually only a single CmActLicense license container is used, which manages the license information for all workstations. In this case, the CmActLicense license container contains the maximum number of simultaneous uses for each licensed program. This has the advantage for the user that all licensed QMSOFT® programs can be used as a so-called “floating license” without being tied to a specific workstation.

In contrast to the single-user license, it is therefore usual for a network installation to set up the CmActLicense license container on a central server. Alternatively, it can of course also be used on any client PC with one of the QMSOFT® installations there. You then only have to ensure that this PC is switched on when the program licenses are needed at other workstations.

To set up the CmActLicense license container as a “license server”, please proceed as follows:

- Complete the installation and setup steps according to section “*CmActLicense setup for QMSOFT®*” on the license server,
- Then start the “CodeMeter® Control Center” again,
- In the CodeMeter® Control Center, click on the “WebAdmin” button (bottom right). This will start your Internet browser, which allows access to the CodeMeter® configuration settings via a so-called web interface,
- Select the “Server” submenu from the “Settings” menu.
- Under the “Network Server” settings, click on the “Activate” setting and then on the “Apply” button [Fig. 3.1].
- Close the browser.

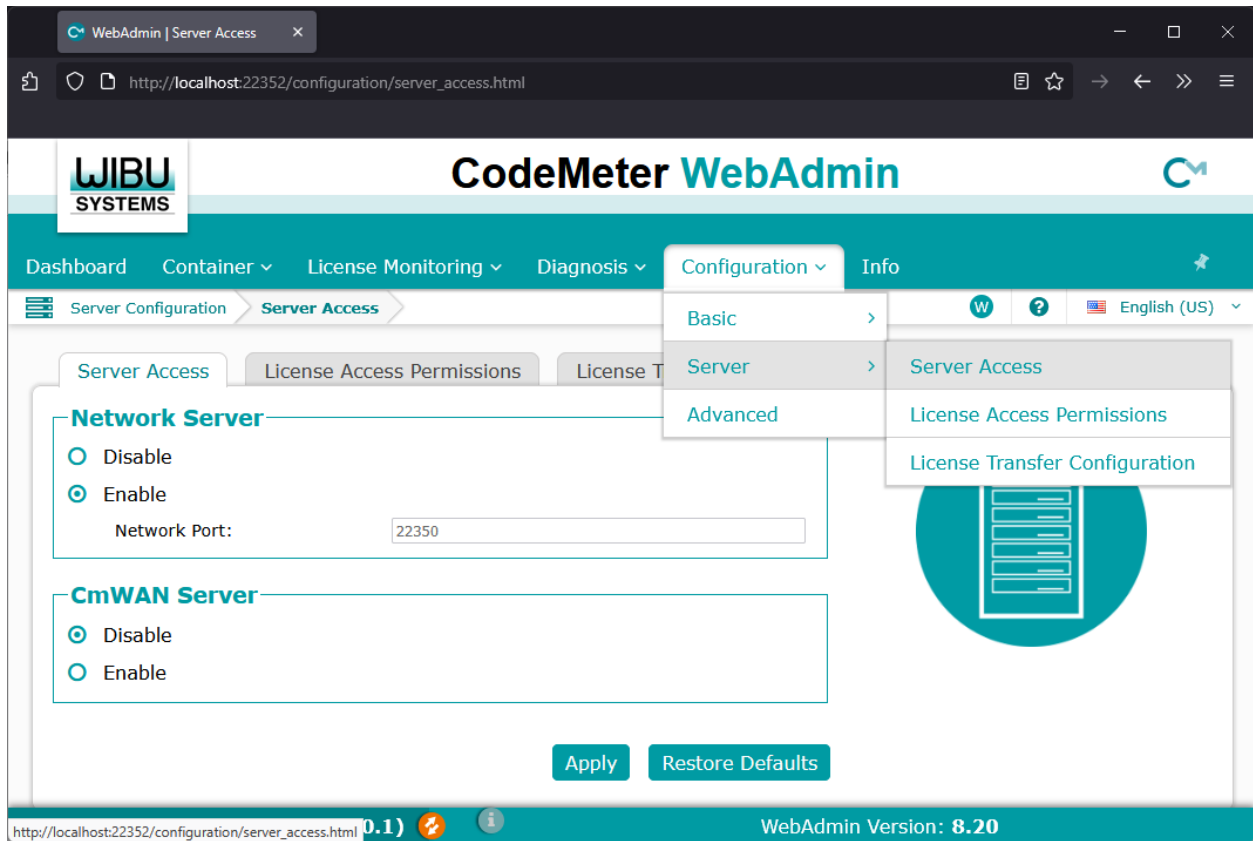


Fig. 3.1: CodeMeter® WebAdmin.

Note

By default, access to CodeMeter® sticks and CmActLicense containers in the network is via the TCP/IP port “22350”. This port must therefore be open in the firewall settings on all computers involved (servers, clients).

The necessary configuration of all QMSOFT® workstations in the network is limited to the settings “CodeMeter® Access” to “Network” and the specification of the “CodeMeter® Server Computer”.

You can easily check on the client side, even without QMSOFT®, whether the central CmActLicense container is “found” by following the steps below:

- Start the “CodeMeter® Control Center” on the computer from which you want to access the central CmActLicense container, click on the “WebAdmin” button,
- In the web interface, select the “Settings” entry in the top menu, then the “Network” entry in the associated submenu, enter the IP address or network name of the computer on which the central CmActLicense container is set up in the “Server search list” area, click on the “Apply” button
- Control access to the CmActLicense container by clicking on the “Home” entry in the menu bar, clicking the “Computer name” button there and selecting the computer with the set up CmActLicense container.
- Then click on the “Server” menu entry, which displays a list of the licenses found in the CmActLicense container.

Note

Make sure that the server search list only contains names or IP addresses of computers that are actually used as CodeMeter® or CmActLicense license servers, otherwise there may be significant waiting times when accessing the licenses! Remove outdated entries that may have arisen, for example, due to a change of server.

Extend CmActLicense license scope

Changing the license scope of a QMSOFT® installation (extending or reducing the license scope, removing a runtime restriction, etc.) in contrast to remote programming of CodeMeter® sticks, with a CmActLicense-based licensing process ALWAYS requires repeating the setup procedure. A corresponding license container must be deleted in the CodeMeter® control center beforehand!

4.1 Delete license explicitly

To explicitly delete a license, Wibu-Systems usually recommends using “cmu32.exe” via the command line. To do this, proceed as follows:

1. Open the CodeMeter Command Prompt. Can be found under *Start → All Programs → CodeMeter → CodeMeter Command Prompt* or alternatively click on the Windows icon and enter “CodeMeter Command Prompt”
2. Run the command `cmu32.exe --delete-cmact-license --serial <serial number of the CmActLicense>` to delete. The serial number can be found in the CodeMeter Control Center or WebAdmin. This has the advantage that no CmActLicense licenses are accidentally deleted.

CHAPTER 5

Contact

A prepared form for faxing a support request can be found under the menu item *Help* → *Support sheet* in the QM-SOFT®/GaugeMan program. Please use the following contact information:

L&W Gesellschaft für Fertigungsmesstechnik
und Qualitätssicherung mbH
Gostritzer Str. 67a
01217 Dresden
Germany
Fax: +49 351 871 7480
E-Mail: support@lw-gmbh.com
Website: www.lw-gmbh.com

Please also remember to provide your own contact details so that we can reach you quickly, and understand that in exceptional cases we cannot respond immediately and directly to every request; we always endeavour to keep our response times as short as possible.