WIBU CodeMeter for iba Users

Installation and Use of CodeMeter Runtime

Manual

Issue 1.5

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The content of this publication has been checked for compliance with the described hardware and software. Nevertheless, deviations cannot be excluded completely so that the full compliance is not guaranteed. However, the information in this publication is updated regularly. Required corrections are contained in the following regulations or can be downloaded on the Internet.

The current version is available for download on our web site www.iba-ag.com.

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Contents

1 About this documentation

This documentation describes the installation and use of CodeMeter Runtime from WIBU-SYSTEMS AG. CodeMeter is a prerequisite for the use of WIBU licenses by iba products.

1.1 Target group and previous knowledge

This documentation is aimed at qualified professionals who are familiar with handling electrical and electronic modules as well as communication and measurement technology. A person is regarded as professional if he/she is capable of assessing safety and recognizing possible consequences and risks on the basis of his/her specialist training, knowledge and experience and knowledge of the standard regulations.

1.2 Notations

In this manual, the following notations are used:

Action	Notation
Menu command	Menu *Logic diagram*
Calling the menu command	*Step 1 – Step 2 – Step 3 – Step x* Example: Select the menu *Logic diagram – Add – New function block*.
Keys	\<Key name\> Example: \<Alt\>; \<F1\>
Press the keys simultaneously	\<Key name\> + \<Key name\> Example: \<Alt\> + \<Ctrl\>
Buttons	\<Key name\> Example: \<OK\>; \<Cancel\>
Filenames, paths	`Filename`, `Path` Example: `Test.docx`

1.3   Used symbols

If safety instructions or other notes are used in this manual, they mean:

Danger!

The non-observance of this safety information may result in an imminent risk of death or severe injury:

- ■   Observe the specified measures.

Warning!

The non-observance of this safety information may result in a potential risk of death or severe injury!

- ■   Observe the specified measures.

Caution!

The non-observance of this safety information may result in a potential risk of injury or material damage!

- ■   Observe the specified measures

Note

A note specifies special requirements or actions to be observed.

Tip

Tip or example as a helpful note or insider tip to make the work a little bit easier.

Other documentation

Reference to additional documentation or further reading.

2   About CodeMeter

You need licenses to use iba software. These licenses can also be provided in new major versions of iba products (e.g. *ibaPDA* v8.0) with the CodeMeter licensing system. New licenses are also delivered using this system.

By default, the licenses are supplied as USB dongles, the so-called CmDongles. These are ready for use as usual as soon as they are plugged into the computer being used. You can also use licenses without a USB dongle directly on a PC as a soft license, also known as a CmActLicense. In this case, the license is permanently tied to the system hardware properties and can then no longer be transferred directly from PC to PC.

Regardless of whether the licenses are used via USB dongle or soft license, the term CmContainer or container is used. Many of the functions described in this documentation apply generally to all CmContainers, regardless of whether they are USB dongles or soft licenses.

Each CmContainer is assigned a serial number that can be used to uniquely identify it. Always quote this serial number when contacting iba support or when ordering license extensions.

Tip

For a quick overview of the steps required to transfer and activate licenses, you can find a series of 4 short video tutorials at: https://www.youtube.com/c/ibaAG-com

These steps are also described below in this documentation.

Other documentation

Further information on CodeMeter can be found in the manufacturer's user help. You can access it via the CodeMeter Control Center in the system tray, see ⬀ *CodeMeter Control Center in the system tray*, page 9.

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3   Installation and program start

CodeMeter Runtime contains a number of software components that are required to use software licenses issued on WIBU license containers. The current installation package for CodeMeter Runtime is included in all current iba software installation programs. It is installed automatically if it is not already installed or an older version is installed.

If it is necessary to install CodeMeter Runtime manually, follow the steps in ↗ *Installing CodeMeter manually*, page 7.

3.1   Installing CodeMeter manually

Proceed as follows to install CodeMeter Runtime manually. The installation package can be found on the "iba Software & Manuals" data medium supplied. Alternatively, the installer is available for download on the Wibu-Systems website.

1. Execute the `CodeMeterRuntime.exe` file.

(Example: CodeMeter Runtime v7.50)

2. Agree to the terms of the license agreement.
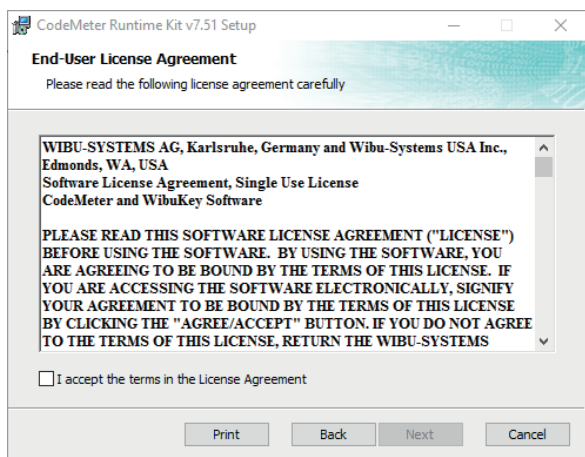
3. If possible, install CodeMeter Runtime for all users on the computer.
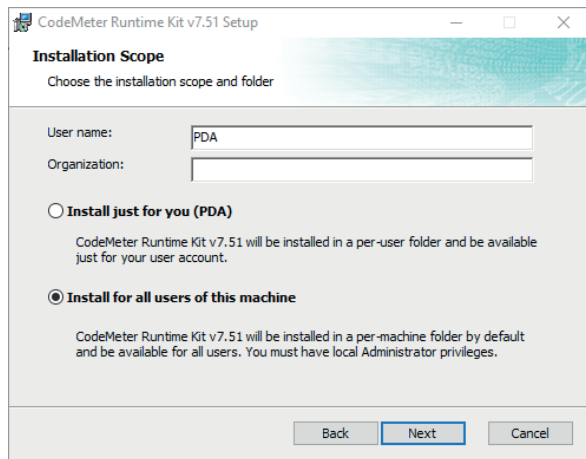
4. Click <Next> to prepare the installation of CodeMeter Runtime Kit on your computer.
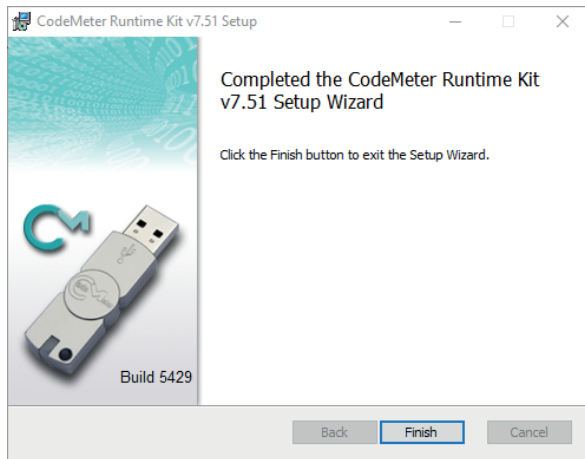
   If you want to share licenses in the local network, make sure that the "Network Server" function is selected.
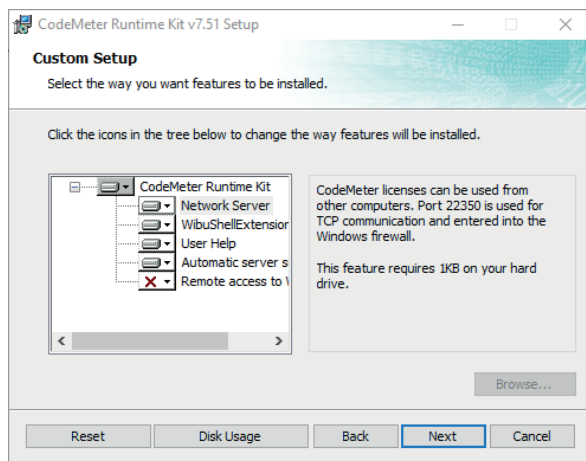
5. To start the installation, click <Install>.
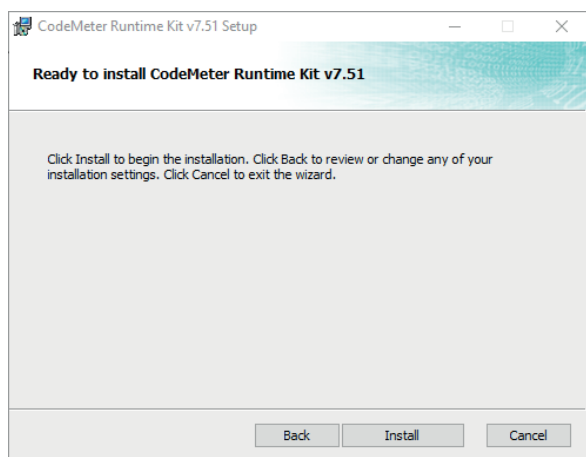
→ As soon as the installation is complete, the following window appears:

6. To end the installation wizard, click on <Finish>.

3.2   CodeMeter Control Center in the system tray

After installation, CodeMeter Runtime is displayed in the system tray. The appearance of the icon indicates the respective status.

	No CodeMeter container available
	One CodeMeter container is active
	Several CodeMeter containers are active
	An error has occurred with a local container

The following functions are also available via the context menu:

Show	Opens the CodeMeter Control Center, which displays connected USB dongles and soft licenses. See ↗ *Viewing existing licenses*, page 10.
WebAdmin	Opens CodeMeter WebAdmin to display information about connected USB dongles and soft licenses, as well as to configure the CodeMeter license server in the standard browser. See ↗ *Viewing existing licenses*, page 10 and ↗ *Sharing licenses in the local network*, page 37.
Help	Opens the user help of the manufacturer Wibu-Systems in the standard browser
About	Displays information on version and manufacturer
Quit	Quits CodeMeter Runtime

# 4   Viewing existing licenses

You can view connected USB dongles and existing soft licenses in the CodeMeter Control Center.

1. To open the CodeMeter Control Center, click on the icon in the system tray, see ↗ *CodeMeter Control Center in the system tray*, page 9.

→ If no license containers are available, the *License* tab is empty and a corresponding message is displayed.
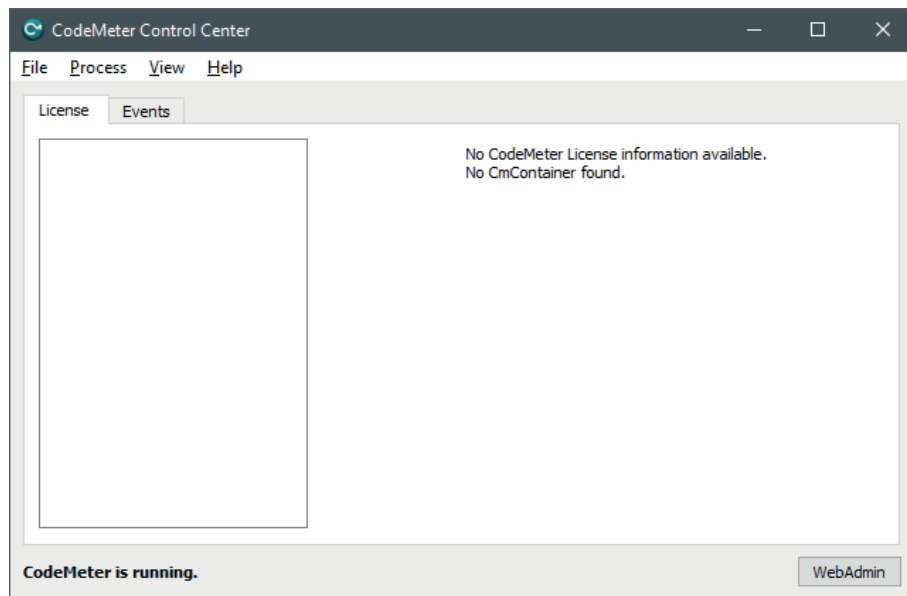
→ If license containers already exist on the PC, they are listed under *License*. The following image shows entries for a USB dongle (starting with 3-xxx) and two soft licenses (starting with 130-xxx).
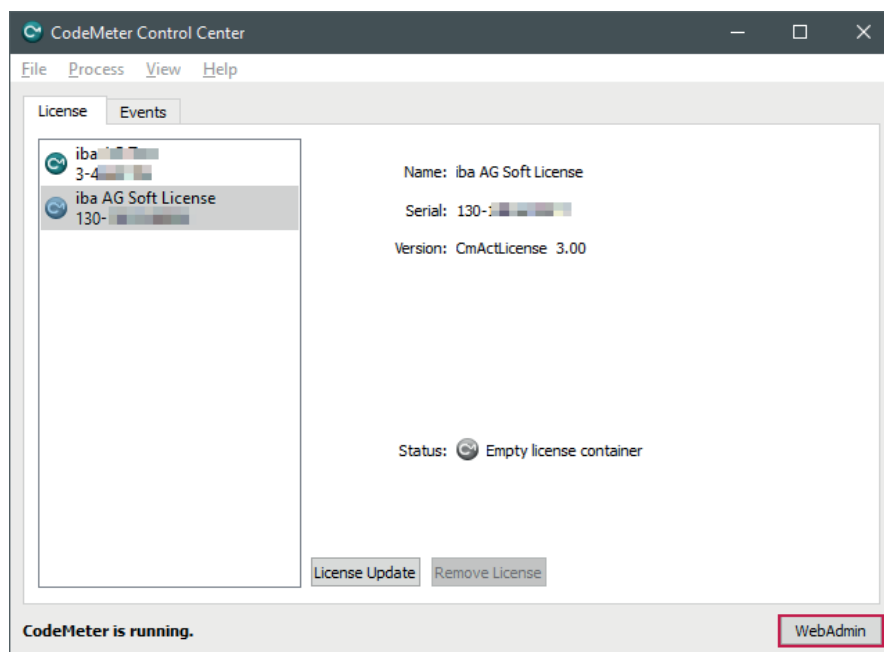
2. To display the content of a license container, select the container in the *License* tab and click on the <WebAdmin> button.

→   CodeMeter WebAdmin opens in the standard browser and displays an overview of the licenses it contains.

Note

It is no longer possible to display WebAdmin via Microsoft Internet Explorer.

CodeMeter WebAdmin interface

The licenses officially issued by iba are displayed in tab section *6000506 iba AG* in tabular form (License Monitor). After clicking on the respective product number in the *Product Code* column, additional detailed information about the corresponding license entry is shown.

The "iba License Identifier" entry contains information about the buyer, for example. If individual license entries are provided with an expiration date, this is shown in the *Valid Until* column.

Disable remote read access

By default, remote read access in the local network is permitted for the WebAdmin tool. If this is not desired, the corresponding setting must be individually made for each computer:

1. To do this, select *Settings* tab – *Basic* menu item – *WebAdmin* tab.

2. Enable the "Deny" option under *Remote Read Access*.
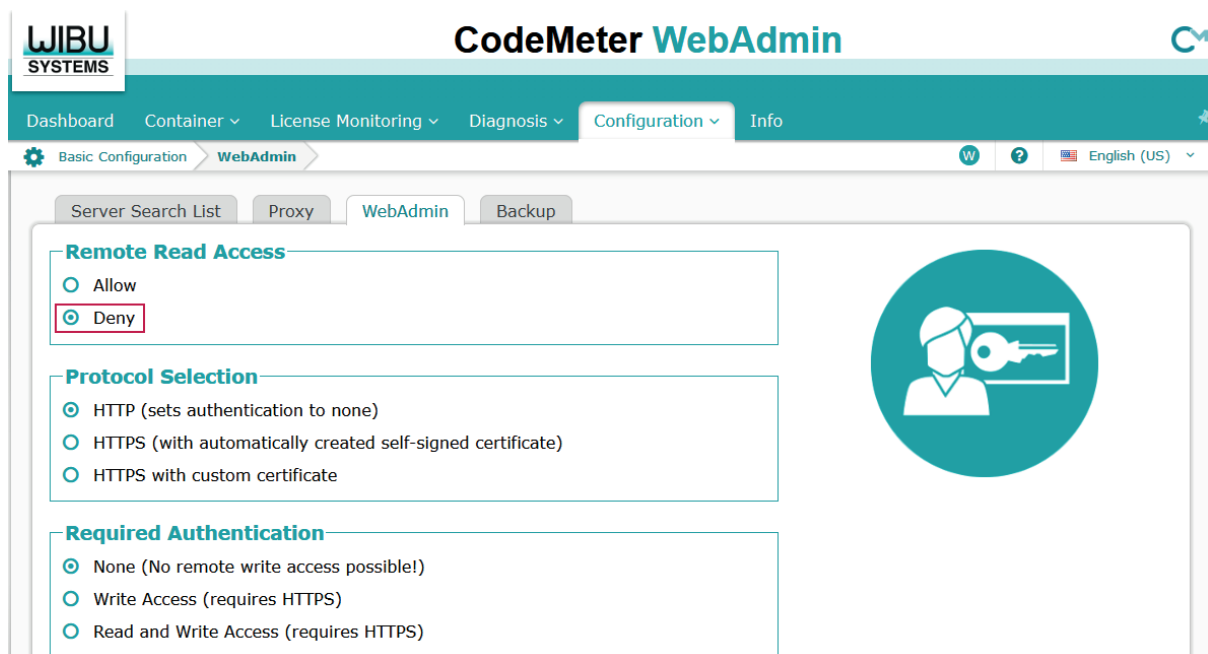
5 Transfer and updates of licenses

When ordering license articles, the corresponding CodeMeter licenses are always created by iba AG first and are then ready for transfer to a CmContainer. These licenses are provided via the WebDepot at https://license.iba-ag.com

There are basically two ways to work with the WebDepot:

Auto-Update
This checks whether license upgrades have been provided for an existing CmContainer. If this is the case, the upgrades can be transferred without accessing the ticket number in a few steps.

Activation via ticket
A ticket number in the format XXXXX-XXXXX-XXXXX-XXXXX-XXXXX is provided. If this ticket number is entered on the start page of the WebDepot, the corresponding options for transferring the contained licenses are available in the subsequent steps.

5.1 Useful information about transferring licenses

The transfer of licenses to a CmContainer via ticket is also referred to as activation. CodeMeter Runtime must be installed for license activations. If this is not the case, first complete the installation, see ↗ *Installation and program start*, page 7.

Three steps are necessary for each complete transfer:

1. **License request**

   The current state of the CmContainer is transmitted to the WebDepot.

2. **License update**

   The update contains the new state of the CmContainer. Each update is linked to a specific CmContainer and can only be imported on this CmContainer.

3. **Receipt**

   After importing license updates, the receipt file contains the new state of the CmContainer. The transfer of the receipt file to the WebDepot documents the completion of the license transfer.

Depending on the type of license transfer (direct or file-based), the execution of the above steps differs

- Direct license transfer - online activation:

  License request, license update and creation/upload of the receipt file are performed automatically by the system after the start of the transfer, see ↗ *Transferring licenses directly*, page 14

- File-based license transfer - offline activation:

  The license requests, license updates and creation/upload of the receipt file must all be handled by the user. The necessary steps are described in detail in the WebDepot and in this manual, see ↗ *File-based transfer and update of licenses (offline)*, page 20.

Note

i	If a permanent property change is required for virtual machines (VMs), the license first needs to be returned while in a working state. Please contact iba support to begin with this process.

5.2 Direct transfer and update of licenses (online)

5.2.1 Transferring licenses directly

Licenses for iba software are delivered as a ticket number in the following format:
XXXXX-XXXXX-XXXXX-XXXXX-XXXXX

You can use this ticket number in iba AG WebDepot to transfer licenses to your CmContainer and view existing licenses.

1. Open the iba AG WebDepot under https://license.iba-ag.com.

2. Enter the ticket number you received in the field under *Ticket*.

iba   HOME   AUTO UPDATE   HELP

Welcome to CodeMeter License Central WebDepot

Welcome to CodeMeter License Central WebDepot. You can transfer your licenses to your CmContainer using this WebDepot. Please enter your ticket and click "Next".

Ticket:

[   ]   Next
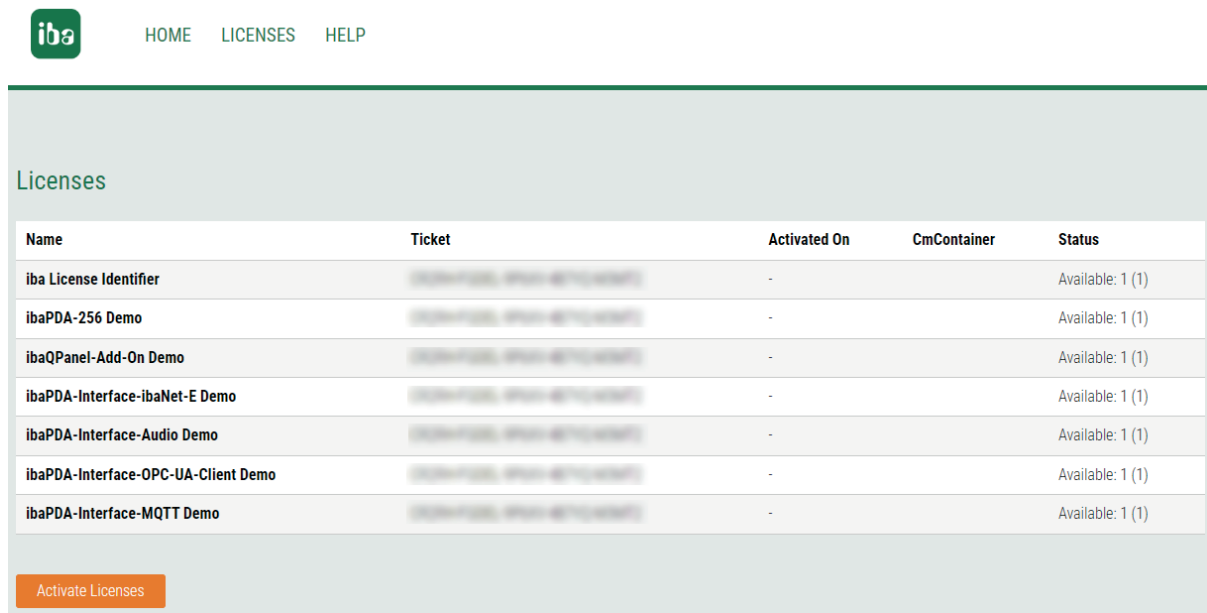
If the link to the iba AG WebDepot already contains the ticket number, the number no longer needs to be entered manually; this step is then skipped.

Note

i	If you get the message "No available licenses found. All licenses in this ticket are already activated.", you can click the <AUTO UPDATE> link at the top of the page without entering the ticket information. All licenses that have been issued for your container can then be transferred. In this case it is not necessary to provide further information.

3. Click on <Next>.

→ All available licenses are listed.

4. Click on <Activate Licenses> to continue.

→ The following view appears:

5. Depending on whether you want to have the licenses written to a USB dongle (CmDongle) or to a computer-bound soft license (CmActLicense), select the corresponding option.

   ▪ CmDongle: Select the option "I want my licenses in a dongle (CmDongle) to be able to use them on different computers."

   ▪ CmActLicense: Select the option "I want my licenses offline on one computer."

→ The licenses available on the ticket are displayed again.

6. If several license containers are currently active on the computer, make sure that the correct CmDongle or the correct soft license is selected under *Select CmContainer*.

7. To start the actual transfer of licenses to the selected license container, click <Activate Selected Licenses Now>.

→ The licenses are "booked out" from the ticket and "booked in" to the license container. The process is shown in a status window. This process can take a few minutes.

→ When the transfer is complete, the successful transfer of the licenses is confirmed.
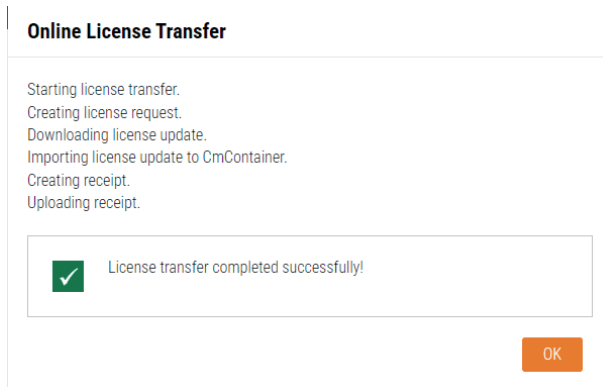
You can display the licenses now available on the license container in WebAdmin, see chapter ↗ *Viewing existing licenses*, page 10.

5.2.2   Performing an auto-update

Extensions or corrections can be made available directly for existing licenses. In this case, no ticket number is required to update the license.

Prerequisite: The CmContainer is available on a PC with Internet access. If the PC does not have Internet access, use the file-based license transfer, see ↗ *File-based transfer and update of licenses (offline)*, page 20omclick on the link <AUTO UPDATE>.
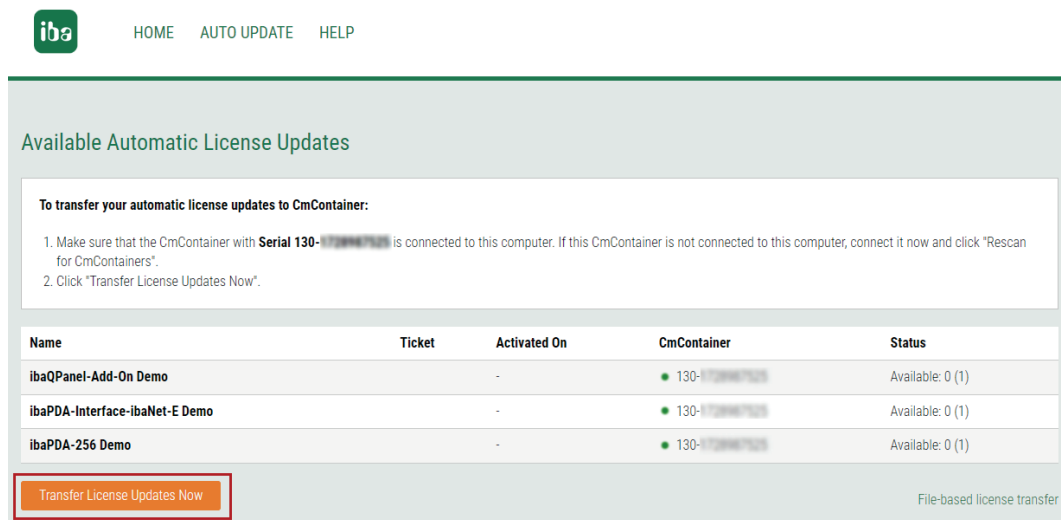
8. Select the CmContainer for which you want to search for pending updates.
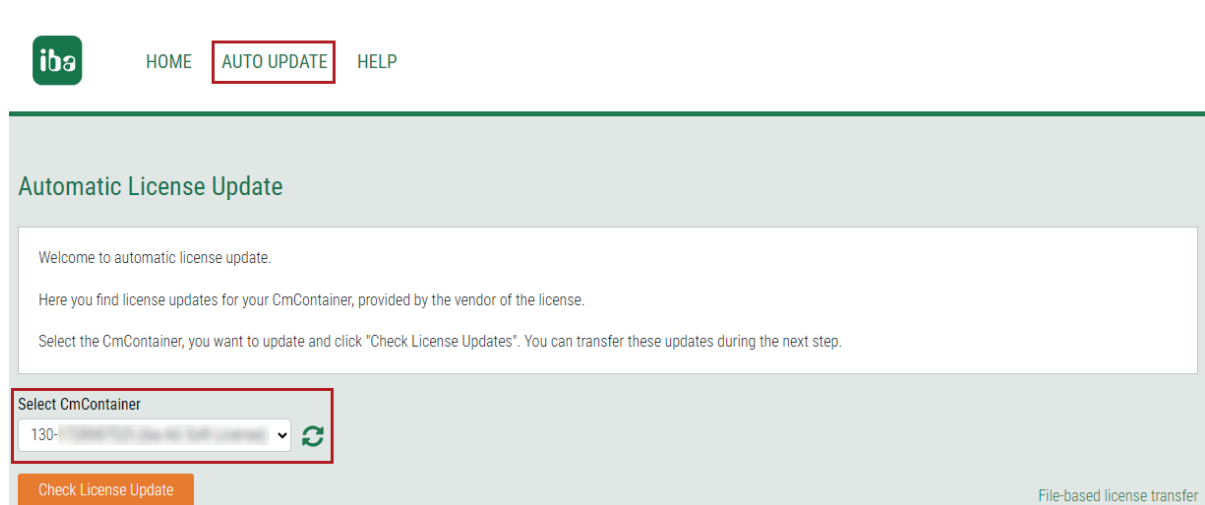
9. Click on the <Check License Update> button.

→ Available automatic license updates are displayed.

10. To start the transfer, click on <Transfer License Updates Now>.
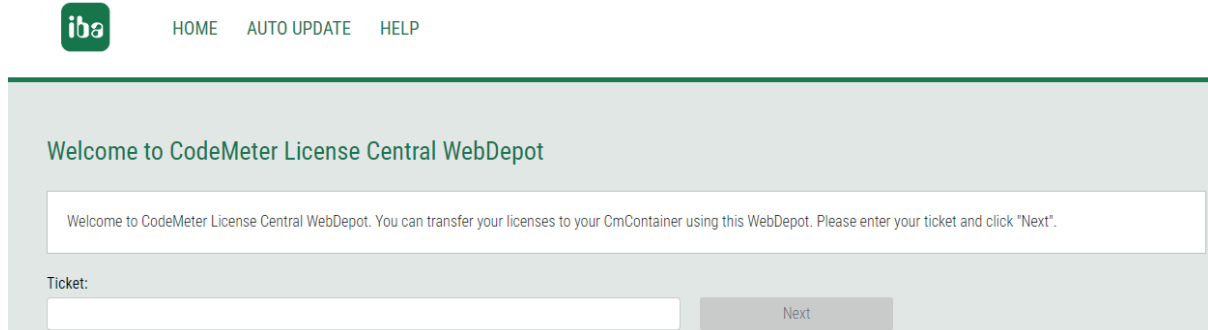

5.2.3   Re-hosting licenses

You can re-host all licenses of a ticket via the WebDepot, i.e. move them to another container.

1. Open the iba AG WebDepot under https://license.iba-ag.com.

2. Enter the ticket number in the field under *Ticket*.

3. Click on <Next>.

→ All licenses contained in the ticket are displayed.

If the view is not displayed, click on <Licenses>.

4. Click <Re-host Licenses> under the table.

5. To deactivate the licenses, click on <Deactivate Selected Licenses Now>.

→ As soon as the deactivation is successfully completed, a corresponding message appears.

Online License Transfer

Starting license transfer.
Creating license request.
Downloading license update.
Importing license update to CmContainer.
Creating receipt.
Uploading receipt.

✓   License transfer completed successfully!

OK

6. Confirm the dialog with <OK>.

→   The licenses of the ticket are now available for reactivation in another container, see
↗ *Transferring licenses directly*, page 14.

## 5.3   File-based transfer and update of licenses (offline)

If you want to activate a new soft license on a **PC without Internet access**, you will need to per-
form some steps on a **PC with Internet access** and transfer individual files between the two PCs.

Of course, you can temporarily connect a CmDongle to a PC that is connected to the Internet
and has CodeMeter Runtime installed. However, this is not possible with a soft license.

5.3.1   Creating a license request file

A request file for activation of a container license must be created on the PC on which this con-
tainer is active.

1. Open the CodeMeter Control Center.

2. Select the container and click <License Update>.
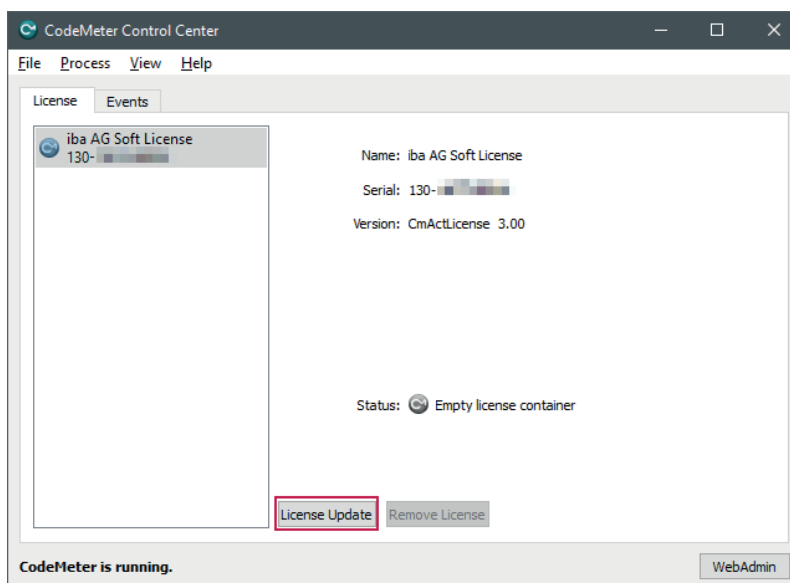
→ The welcome window of the CmFAS (CodeMeter Field Activation Service) wizard opens.

3. Click on <Next> and in the next window select the option "Create license request".
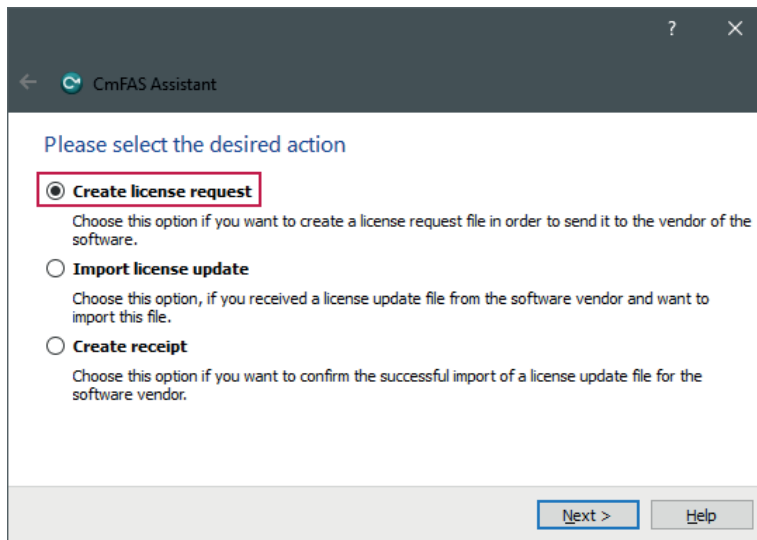
You can close the window using the [Esc] button.

4. Click on<Next>.

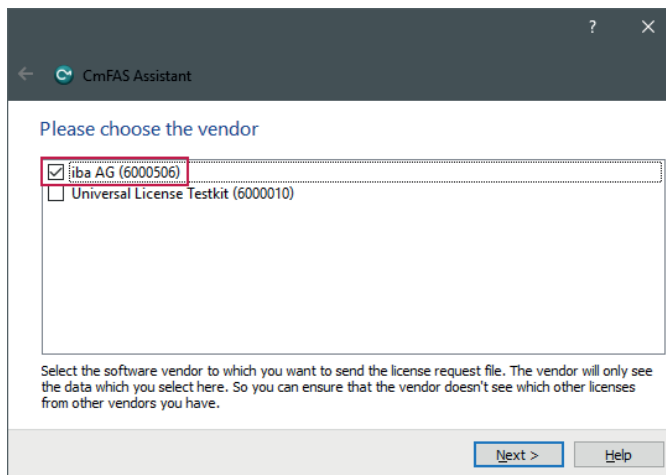→ A selection dialog for the license request appears.

This is where the license request with a CmDongle differs from the license request with a soft license.
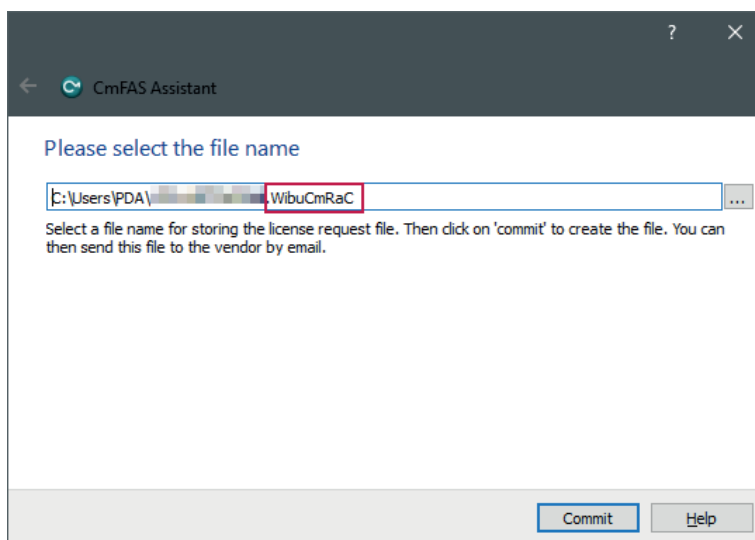
License request with CmDongle

1. If you create the license request file with a CmDongle and want to change/extend an existing license, select the option "Extend existing license".
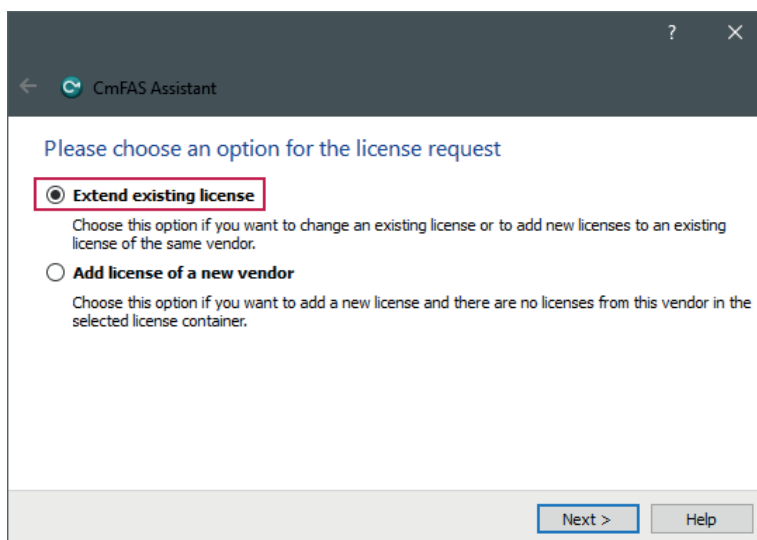
2. From the list of software manufacturers, select the entry "iba AG (6000506)" and click <Next>.

3. Select the storage location and file name for the license request file and click on <Commit>.

4. You can close the confirmation window that appears.

You will need the generated file with the extension *.WibuCmRaC for the offline license transfer in WebDepot, see chapter ⤴ *Transferring licenses file-based*, page 23.

License request with soft license

If you are using a soft license, select the location and file name for the license request file and click <Commit>.

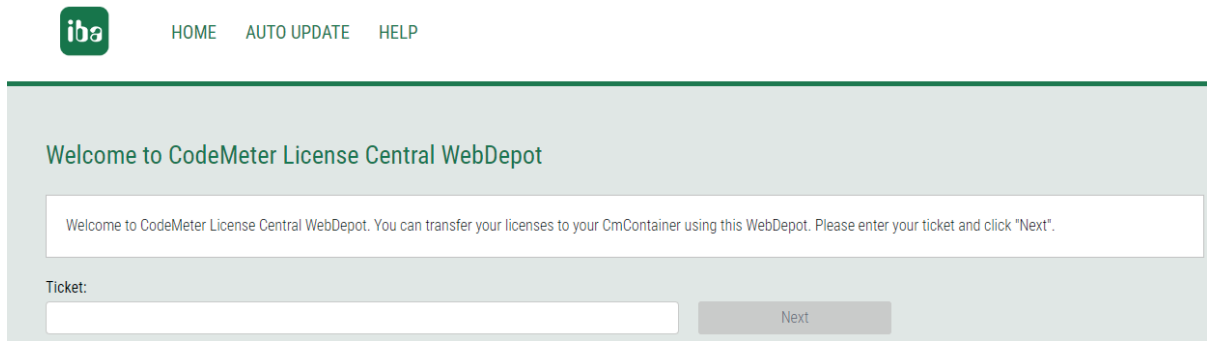You can close the confirmation window that appears.

5.3.2   Transferring licenses file-based

Copy or transport the license request file you have created (see ↗ *Creating a license request file*, page 20) to a PC with Internet access. There you work with the WebDepot.

Licenses for iba software are delivered as a ticket number in the following format:
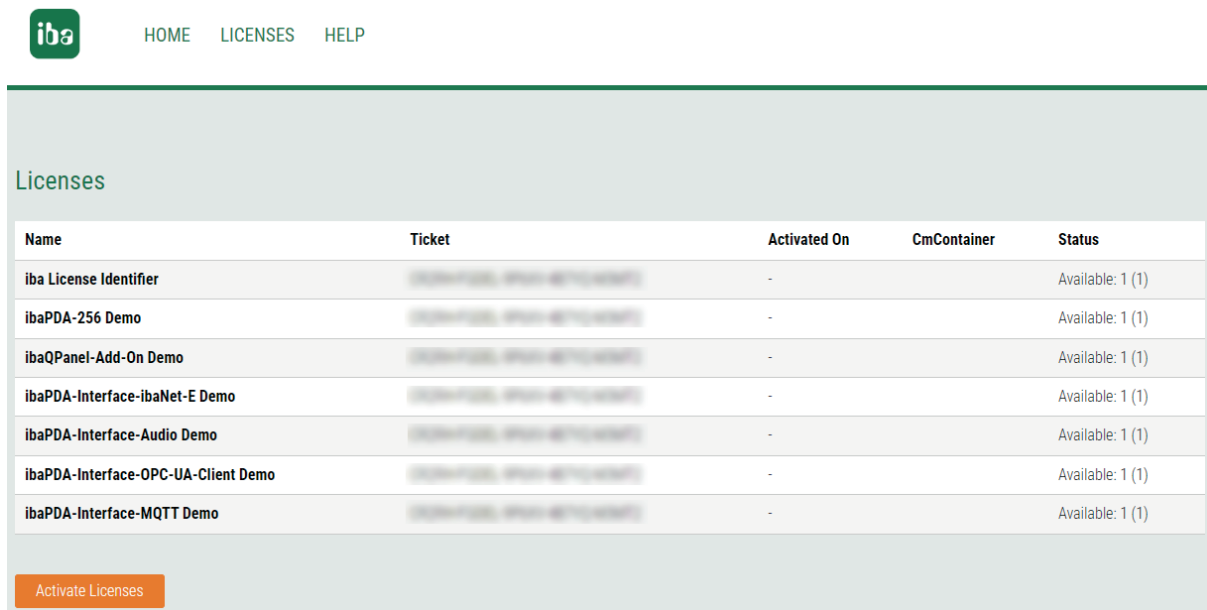XXXXX-XXXXX-XXXXX-XXXXX-XXXXX

You can use this ticket number to view your existing licenses in the iba AG WebDepot.

1. Open the iba AG WebDepot under https://license.iba-ag.com.

2. Enter the ticket number you received in the field under *Ticket*.

3. Click on <Next>.

→ All available licenses are listed.

Note

The ticket number is often integrated directly into the link to the WebDepot when iba is delivered. In this case, you will see an overview of the available licenses immediately after clicking on the link.

Note

If the message "No available licenses were found. All licenses in this ticket are already activated" is displayed, click <Licenses> (My licenses) to continue with the transfer.
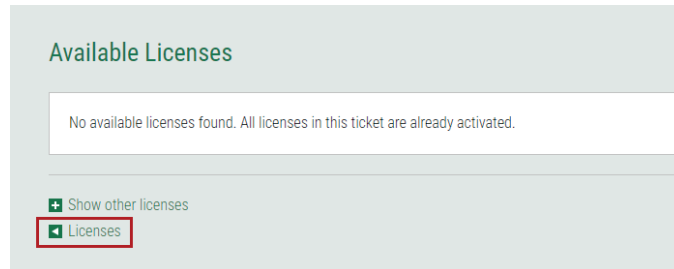
Alternatively, you can also execute the <AUTO Update> function.

4. Click on <Activate Licenses> to continue.

→ The following view appears:

5. Depending on whether you want to have the licenses written to a USB dongle (CmDongle) or to a computer-bound soft license (CmActLicense), select the corresponding option.

- CmDongle: Select the option "I want my licenses in a dongle (CmDongle) to be able to use them on different computers."

- CmActLicense: Select the option "I want my licenses offline on one computer".

→ The licenses available on the ticket are displayed again.

6. Click on <File-based license transfer>.

7. On the next page, under *Select license request file (*.WibuCmRaC) of another CmContainer*, select the license request file you have created (see chapter ↗ *Creating a license request file*, page 20). Depending on the browser used, the dialog may look different.

8. Click on <Start Activation Now>.

→ A new dialog box appears from which you can now download the license update file.

9. To do this, click on <Download License Update File Now> and save the file (*.WibuCmRaU) under a path of your choosing.

You will need this file to update the license container, see chapter ↗ *Importing the license update*, page 27.

5.3.3   Importing the license update

To be able to carry out this step, you need a file with the ending *.WibuCmRaU.

The creation of this file is described in the chapters ↗ *Creating a license request file*, page 20 and ↗ *Transferring licenses file-based*, page 23. Alternatively, files with this extension can also be provided directly by iba-Support under certain conditions.

The license update file mentioned must be available on the PC on which the container to be updated is active.

1. To import the update, open the CodeMeter control center and click on <License Update>.
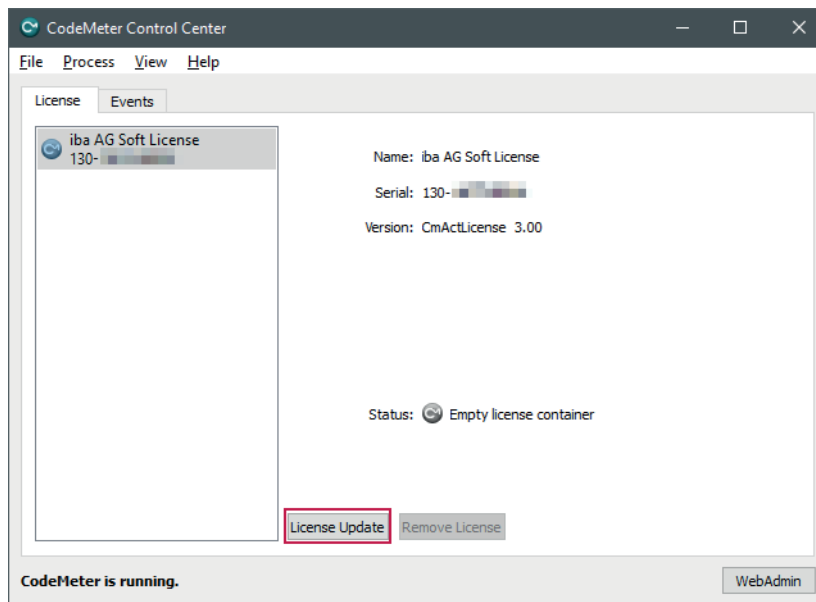
→   The welcome window of the CmFAS (CodeMeter Field Activation Service) wizard opens.

2. Click <Next> to go to the option selection.

3. Now select "Import license update" and click <Next>.
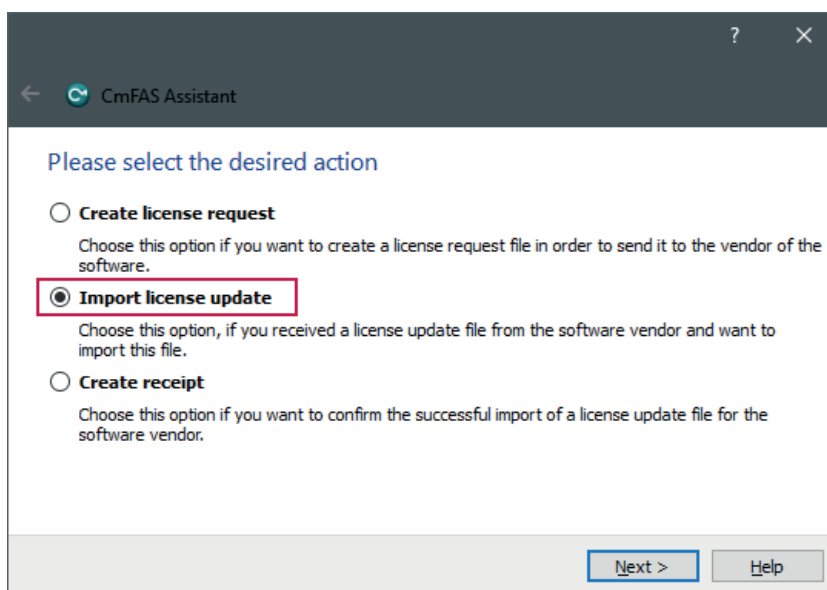
4. Select the WibuCmRaU file provided for the container and click on <Commit>.
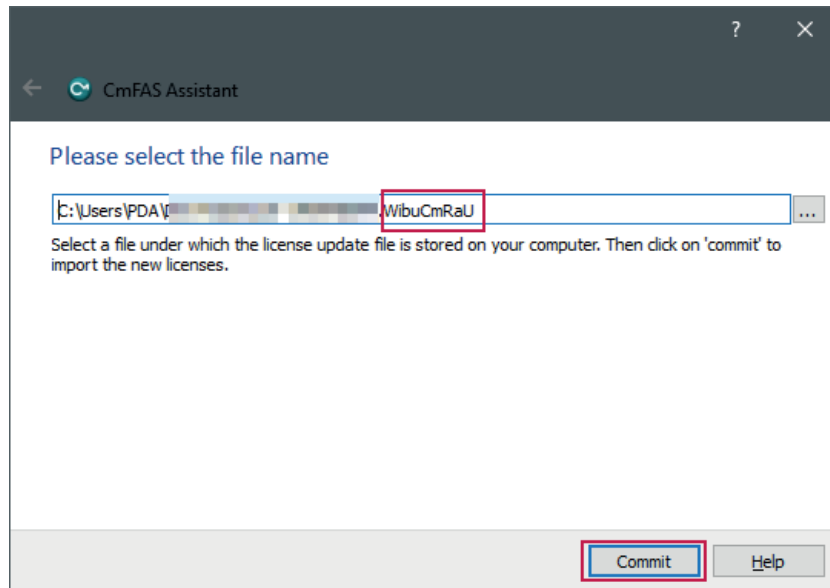
→ As soon as the update has been carried out, a corresponding message appears.
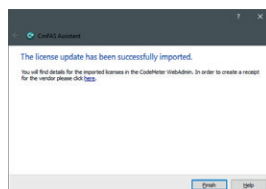
→ This means that the licenses are available on the container.

To proceed, follow the steps in chapter ⬈ *Creating and uploading a receipt file*, page 28.

5.3.4 Creating and uploading a receipt file

This step confirms the successful completion of the license transfer.

Note

With the online license transfer, the process for license receipt is carried out automatically. See chapter ⬈ *Transferring licenses directly*, page 14.

Manually uploading the license receipt file is only required if an update file (WibuCmRaU) has been imported via the CodeMeter control center (see chapter ⬈ *Importing the license update*, page 27).

Creating the receipt file

1. Open the CodeMeter Control Center.

2. Click on<License Update>.
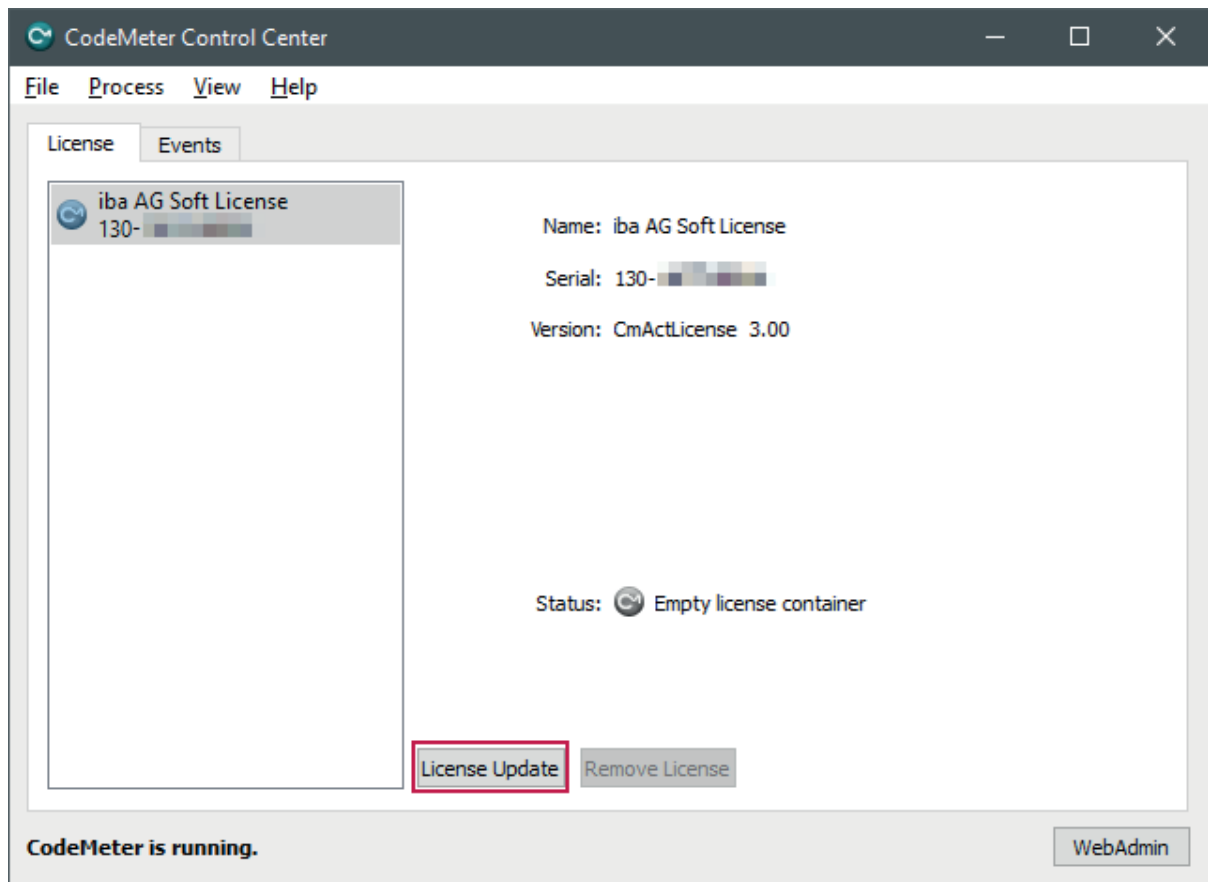
→ The welcome window of the CmFAS (CodeMeter Field Activation Service) wizard opens.

3. Click on <Next> and in the next window select the option "Create receipt."
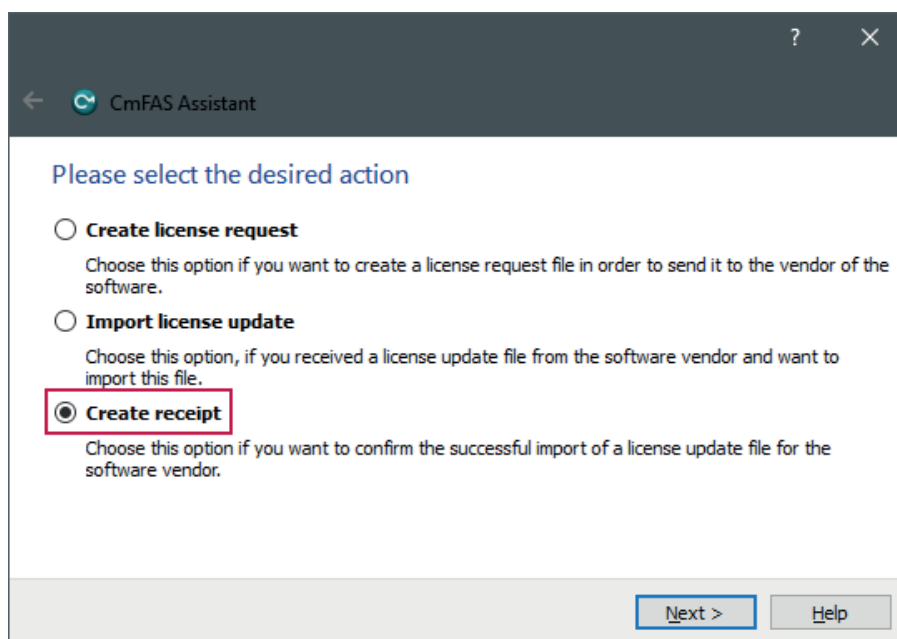
4. Click on<Next>.

5. Select the path where the receipt file is to be saved.
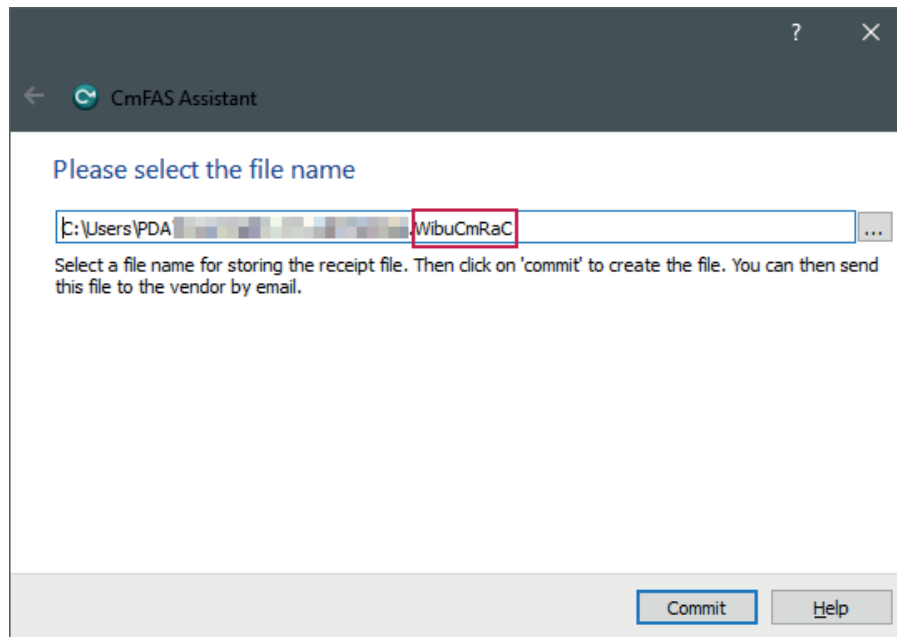
The license receipt file again has the ending *. WibuCmRaC. You can overwrite a previously created license request file. See ↗ *Creating a license request file*, page 20.

6. Click on<Commit>.

A confirmation that the receipt file has been successfully written appears.

Uploading the receipt file to the WebDepot

If you still have the WebDepot page open from which you downloaded the license update file, you can upload the receipt file directly from there.

See ↗ *Transferring licenses file-based*, page 23.

1. Click on <Next>.
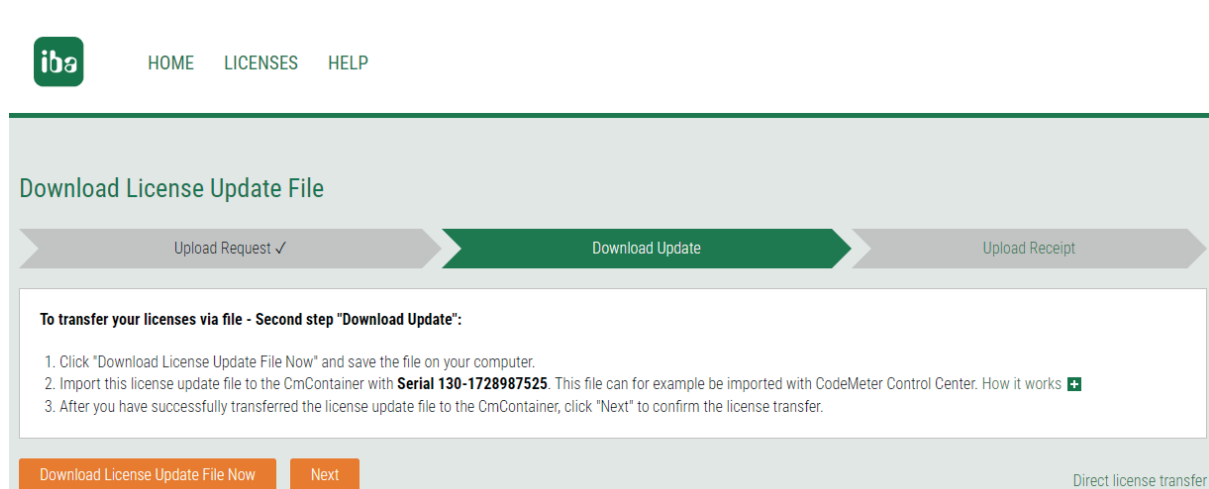
Depending on the browser used, the buttons for selecting the file may look different.

2. In the example shown, go to *Select license receipt file (*.WibuCmRaC)* and select the saved receipt file.

3. Click on <Upload Receipt Now>.

→ A confirmation window appears.

→ The offline license transfer is now complete.

5.3.5   Re-hosting licenses file-based

To re-host licenses without Internet access, i.e. to transfer or move them to another container, you must perform the following steps manually:

1. Create license request file (offline PC)

2. Deactivate licenses (online PC)

3. Import license update (offline PC)

4. Confirm license deactivation (create and upload receipt file)

The individual steps are described below.

Creating a license request file

1. Open the CodeMeter Control Center.

2. Select the license container from which you want to transfer the licenses and click <License Update>.
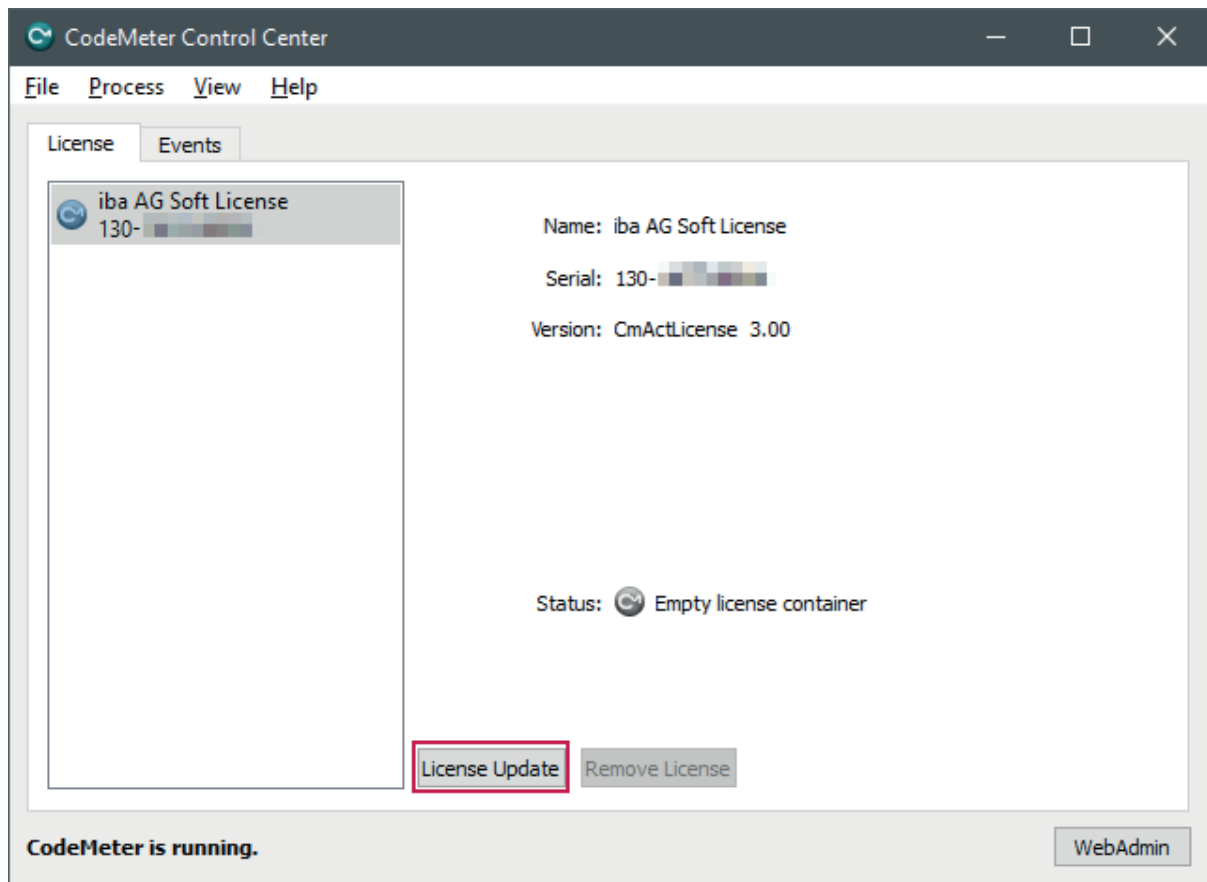
→ The welcome window of the CmFAS (CodeMeter Field Activation Service) wizard opens.

3. Click on <Next> and in the next window select the option "Create license request".
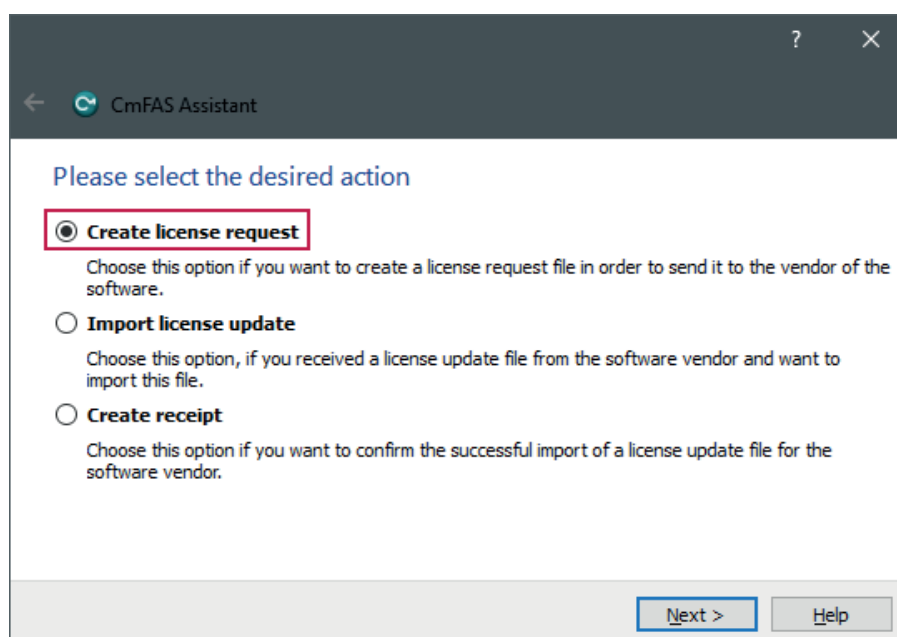
4. Click on<Next>.

5. Select the storage location and file name for the license request file and click on <Commit>.

Deactivating licenses

1. Transfer the created file to a PC with Internet access and open the iba AG WebDepot under https://license.iba-ag.com.

2. Enter the ticket number in the field under *Ticket*.

3. Click on<Next>.

→ All licenses contained in the ticket are displayed.

4. If the view is not displayed, click on <Licenses>.

5. Click <Re-host Licenses> under the table.

6. Click on <File-based license transfer> at the bottom right.

7. On the next page, select the previously created license request file under *Select license request file (*.WibuCmRaC)*.

8. Click on <Upload Request And Continue Now>.

→ The license update is available for download on the following page.

9. To download the file, click on <Download License Update File Now>.

Importing the license update

1. Transfer the generated license update to the PC without Internet access and open the Code-Meter Control Center there.

2. Select the license container and click <License Update>.

3. Click <Next> in the welcome window and select the option "Import license update".

4. Enter the path of the previously transferred file and follow the steps to update it.

Confirming deactivation

To confirm the deactivation of the licenses, you must create and upload a receipt file. Follow the steps in chapter ↗ *Creating and uploading a receipt file*, page 28.

The licenses of the ticket are now available for reactivation in another container, see ↗ *File-based transfer and update of licenses (offline)*, page 20.

5.3.6   Setting up a soft license file-based (offline)

Proceed as follows to set up a soft license on a PC without Internet access.

Note

ℹ	If you want to update an **existing** soft license using file-based license transfer, this step is not necessary. See ↗ *Creating a license request file*, page 20.

---

1. To save the soft license on the target PC, follow the steps in the white field.

> **To activate your licenses via file transfer - First step "Upload Request":**
>
> If you have activated licenses from this ticket already, you can transfer additional licenses into the same CmContainer(s). If you want to use another CmContainer, you need a license request file of this new CmContainer.
>
> 1. Select an already used CmContainer or create a license request file with **Firm Code 6000506** for the CmContainer where you want to transfer the licenses to. This file can for example be created with CodeMeter Control Center. How it works ⊞
> 2. Select the licenses you want to activate.
> 3. Select the created license request file.
> 4. Click "Continue".

2. Click on <How it works [+]> to see further instructions under list item *1*.

> **To activate your licenses via file transfer - First step "Upload Request":**
>
> If you have activated licenses from this ticket already, you can transfer additional licenses into the same CmContainer(s). If you want to use another CmContainer, you need a license request file of this new CmContainer.
>
> 1. Select an already used CmContainer or create a license request file with **Firm Code 6000506** for the CmContainer where you want to transfer the licenses to. This file can for example be created with CodeMeter Control Center. How it works ⊟
>   a. Start CodeMeter Control Center on the computer where the desired CmContainer is.
>   b. Select this CmContainer. If no CmContainer is present on that computer, you can download a template here: Download template now. Import this template by dragging the downloaded file to CodeMeter Control Center.
>   c. Click "License Update".
>   d. Follow the instructions of the "CmFAS Assistant". Choose the option "Create license request".
>   e. Choose a filename for the license request file.
>   f. Click "Commit" to save the license request file.
>   g. Transfer the license request file that you just created to this computer.

3. Start with step *b* in this section and download the license template to transfer it to the PC without Internet access.

    To do this, open the CodeMeter Control Center on this PC; it is usually located in the system tray after CodeMeter Runtime has been installed.

4. Now drag the downloaded license template (Template_*.WibuCmLIF) into the CodeMeter Control Center window.
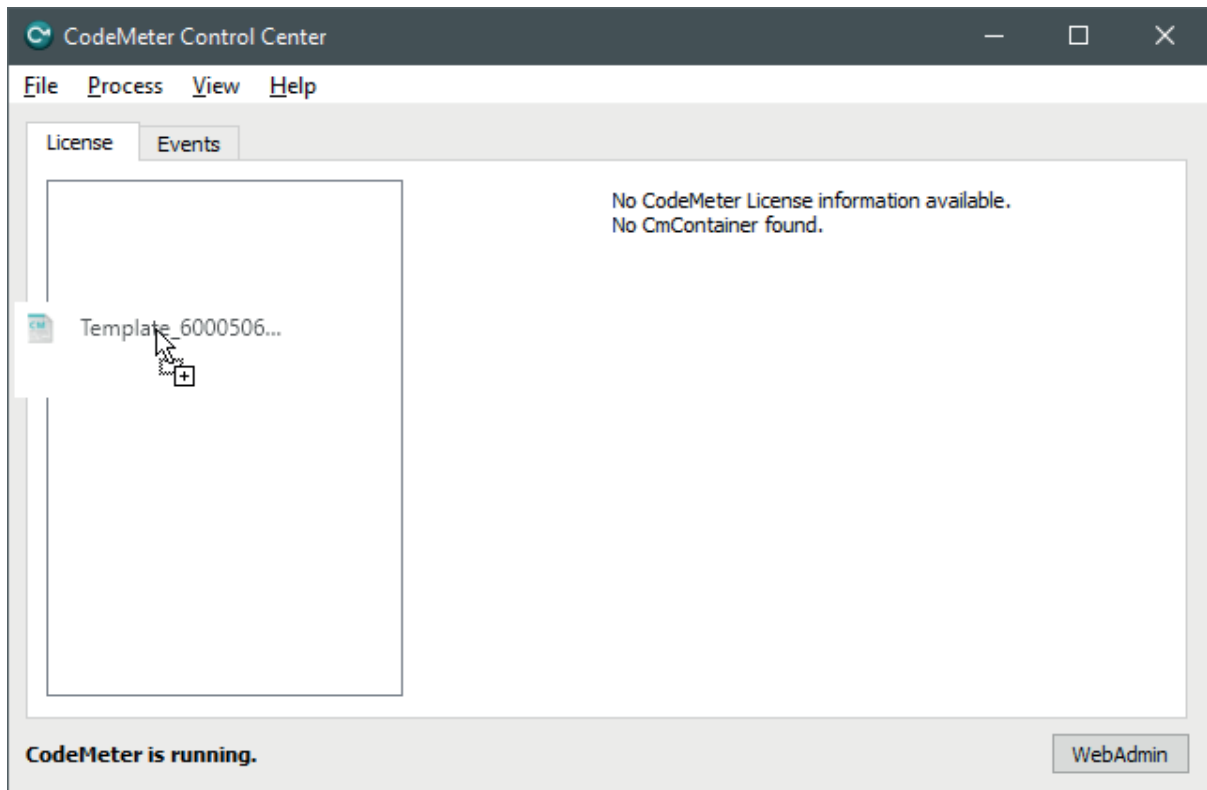
→ The successful import is indicated by the following message:
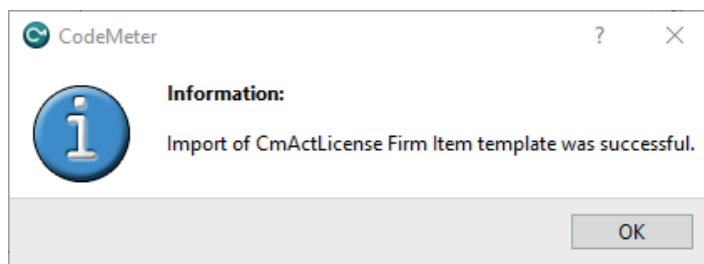
→ A new container with a serial number (starting with 130-xxx) is created. This container is now also bound to the hardware properties of the PC and can be used in the same way as a USB dongle connected to the PC. However, it does not yet contain any licenses at this point.
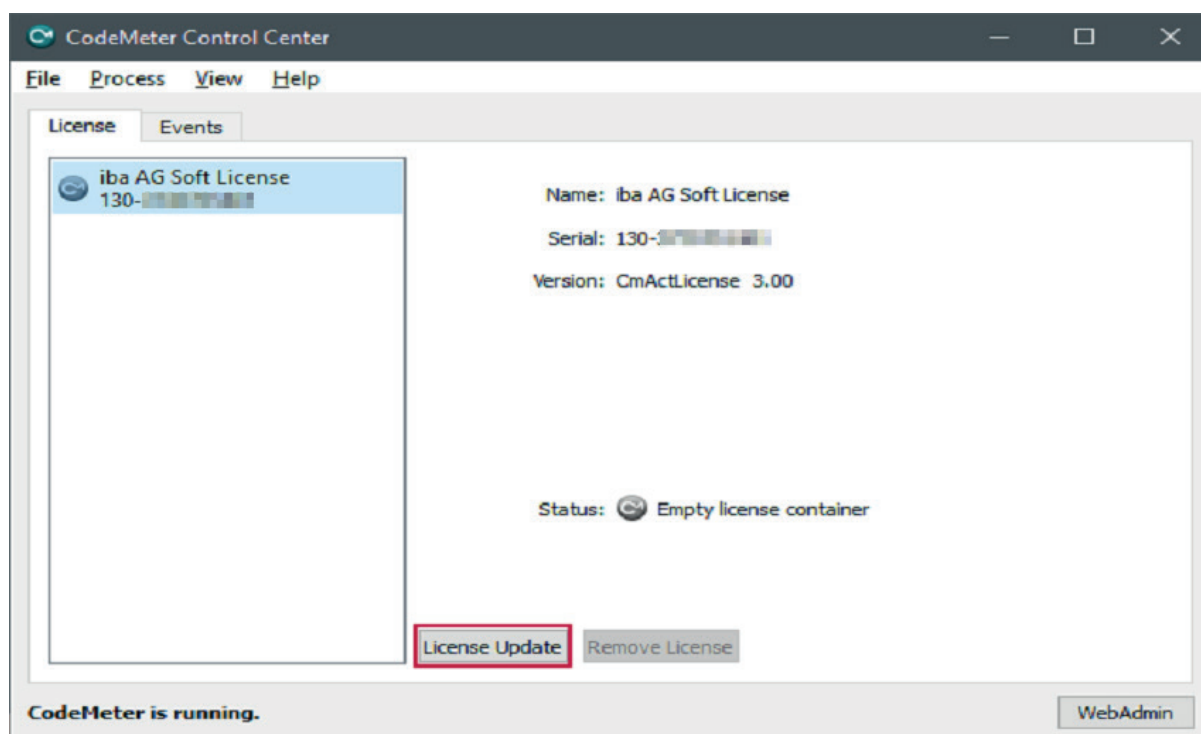
Note

> When activating soft licenses in virtual machines (VMs), they are bound to the hardware properties according to the current state of the VM.
>
> Changes, especially to the number/configuration of CPUs or network adapters, lead to the so-called "breaking" of the license. In this case, you can reset the properties of the VM to the state when the license was activated. After restarting the VM, the license should work again.
>
> One way to decouple soft licenses from changes in hardware properties is to use a license server. The configuration required for this is described in the chapters ↗ *Configuring the network server*, page 38 and ↗ *License management on a system with multiple containers*, page 44.

Further information on license updates can be found at ↗ *Importing the license update*, page 27.

6   Sharing licenses in the local network

With the installation of CodeMeter Runtime, it is possible to share licenses available on a PC in the local network for use on other PCs. This requires an executable installation of CodeMeter Runtime on all PCs involved.

As a further prerequisite, the "Network Server" component must be installed and enabled on the PC from which the licenses are released, see also ↗ *Installing CodeMeter manually*, page 7.

All settings for license sharing in the network are configured in the browser using CodeMeter WebAdmin, which can be accessed via the corresponding button in the CodeMeter Control Center.
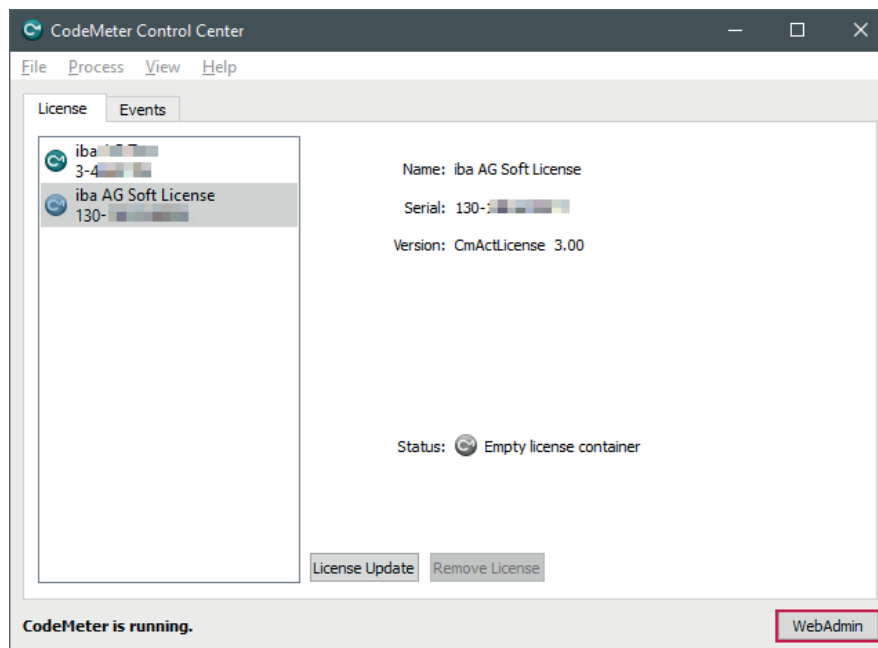
The functionality of the network server replaces the license sharing with the product *ibaLicenseService-V2* for *ibaAnalyzer* from version 8 and *ibaDatCoordinator* from version 3.

6.1   Configuring the network server

On the network server, you define which licenses are shared and which PCs are given access to the licenses.

1. To enable the network server, open the *Settings – Server – Server Access* menu in CodeMeter WebAdmin.
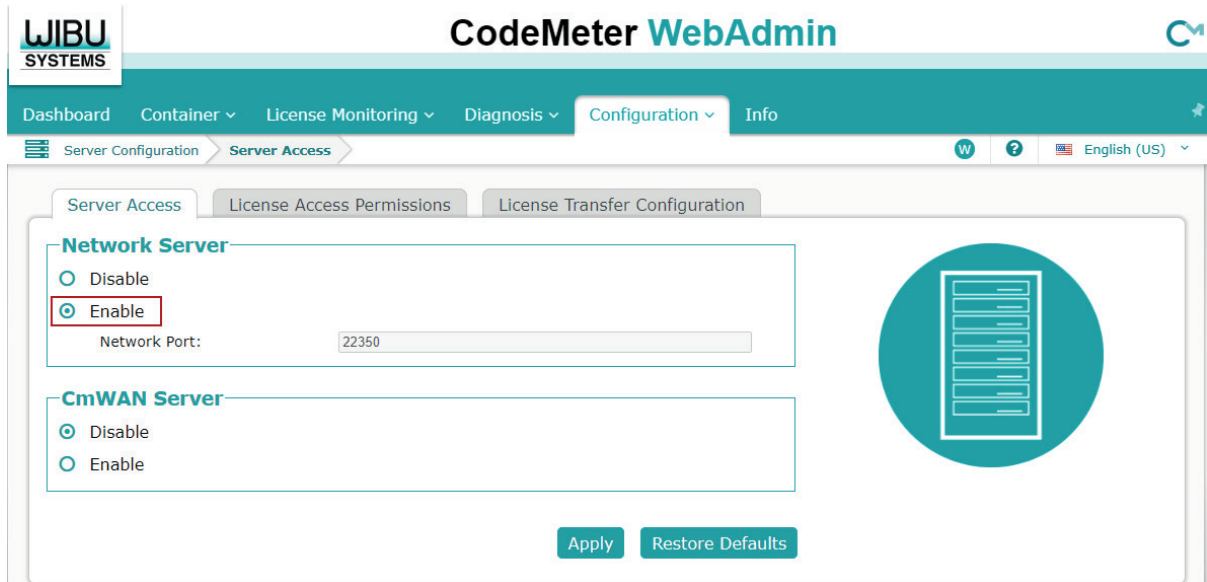
2. Select the "Enable" option under *Network Server*.

    The standard port 22350 is registered with IANA for WIBU CodeMeter.

6.2   License access permissions

Access permissions are configured via the *Settings – Server – License Access Permissions* menu.
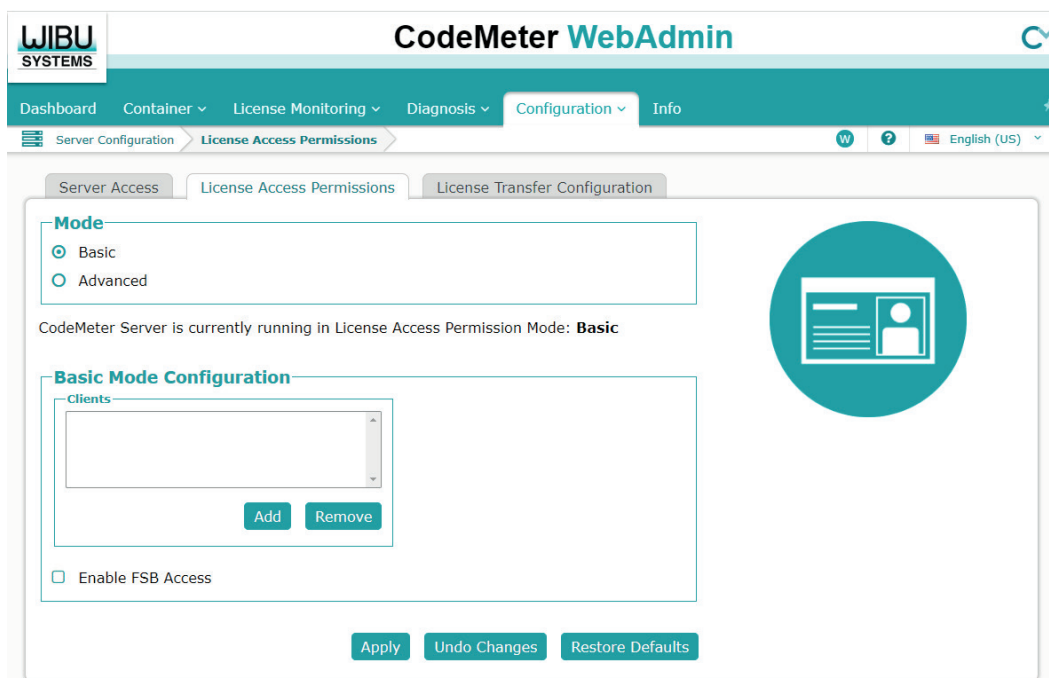
Mode
By default, the mode is set to "Basic", i.e. every authorized client has access to **all** locally available licenses.

Clients
If the list under *Clients* is empty, there is no restriction and all clients in the network can use the licenses of the network server.

To restrict access to individual clients, corresponding entries of the host name or IP address can be created using the <Add> button.

<Apply>
Enables the edited configuration

<Undo Changes>
Undoes the changes that have not yet been applied

<Restore Defaults>
Resets the settings to the default state.

This clears the client list and ensures that no restrictions apply to network access to local licenses.

6.3   Advanced access permissions

In "Advanced" mode, the access permissions for licenses can be defined in detail.

In the *Global access rules* you make the settings for all containers. These apply if no *Specific access rules* have been defined for containers.

Note

> [i] If you use *ibaManagementStudio* to manage your licenses, make sure that access to localhost is allowed where *ibaManagementStudio* Agent is running.

The configurations are explained in more detail below using two examples.

See chapter ⤢ *Enabling individual licenses for multiple clients*, page 40 and chapter. ⤢ *License management on a system with multiple containers*, page 44

6.3.1   Enabling individual licenses for multiple clients

In advanced mode, access to available licenses for multiple license clients can be managed centrally. This enables selected licenses to be used by several clients simultaneously.

Note

> [i] For example, enabling individual licenses for multiple clients is used for extensions to *ibaAnalyzer*.

1. To do this, click on "Add new Firm Code..." under *Advanced Mode Settings*.
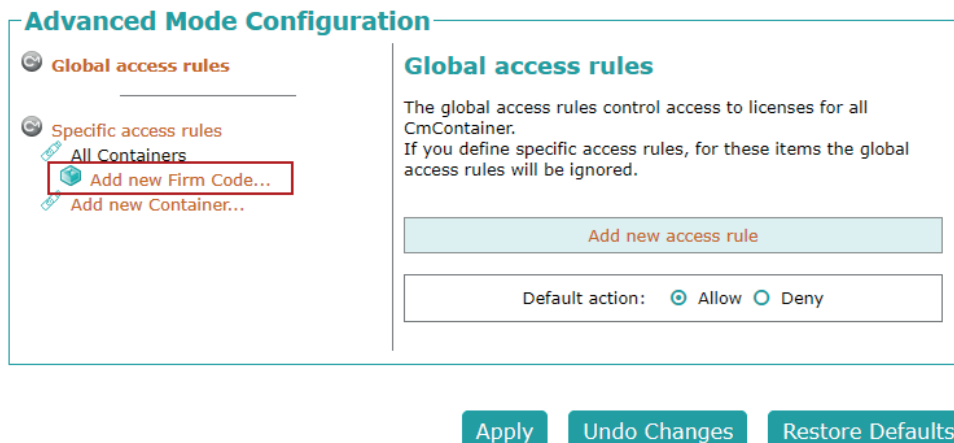
2. Select the entry "6000506 - iba AG" from the drop-down list.
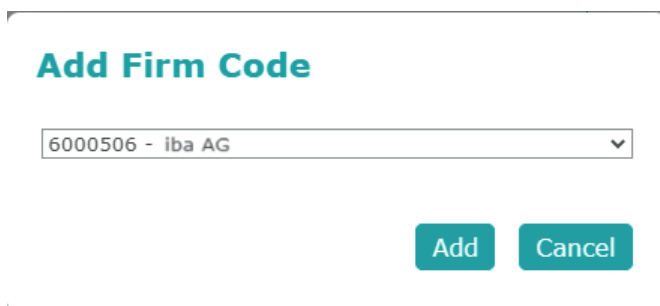
→ The entry is now visible under "Specific access rules" and the licenses to be shared can be added.

3. To do this, click on "Add new Product Code...".

4. To be able to display the source of the licenses and the name of the owner in the iba software, first add the entry that begins with "1000 - iba License Identifier".
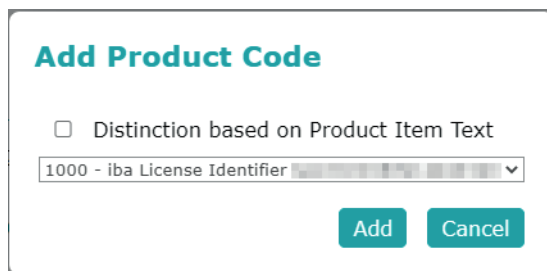
Setting up product-specific license sharing

1. Click on "Add new Product Code..." again and select the relevant product license from the drop-down list.

    The following example shows a license sharing using the "ibaAnalyzer-DB-Read" license.
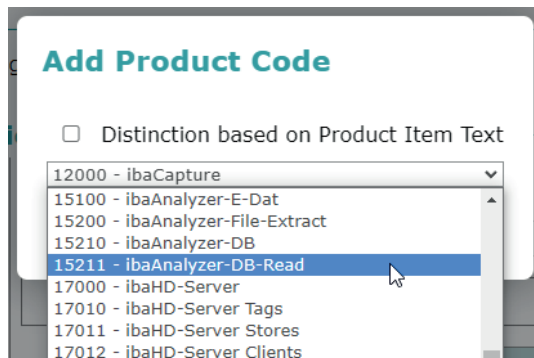
2. To determine the access permissions for a license, first set the respective default action to "Allow" or "Deny".

Default action "Deny"

If you select the "Deny" option as the default action, no client can initially access this product license and the access permissions are only defined selectively later in the process.
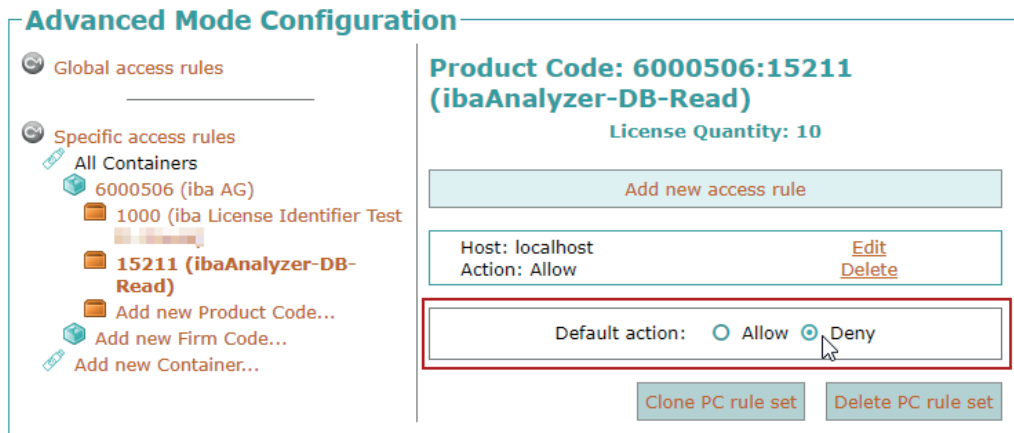
1. Click on "Add new access rule".
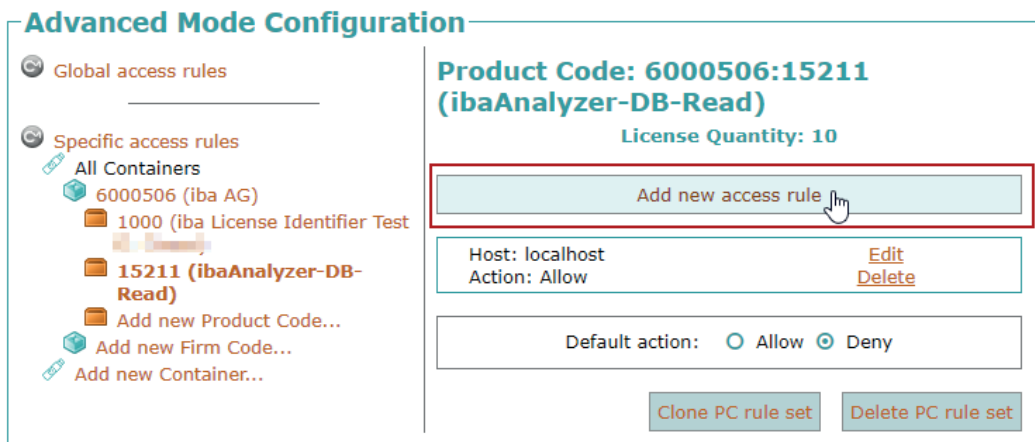
2. Activate the "Allow" action in the following dialog box to specify access for defined clients based on the rules.

   In the example shown, a total of 10 product licenses are available, but the maximum number of licenses for the client "lizenz-client01" should be limited to "1".
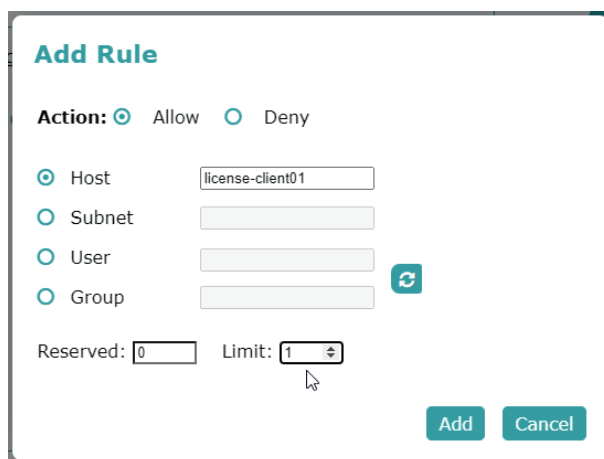
The following parameters can be defined:

Action

- Allow: Access to the license is allowed

- Deny: Access to the license is denied

Host
Host name or IP address of the system to which the rule relates

Subnet
The permission can be assigned not just to an individual system but also to an entire subnet (e.g. In the format 192.168.123.0/24).

User
If the users are logged into the systems via Active Directory, the permission can be linked to the user account.

Group
If the users are logged into the systems via Active Directory, the permission can be linked to the user group.

Note

The <Refresh> button enables all known Active Directory users and groups to be retrieved. They are then available in a drop-down list.

The available licenses can still be subdivided for the individual entries:

Reserved
A number of licenses to be reserved for the computer/subnet/user/group so that the license cannot be occupied by other clients.

Limit
The maximum number of licenses that the computer/subnet/user/group is permitted to use.

Standard action "Allow"

If you select the "Allow" option as the default action, you initially allow all clients to access the product license in order to be able to specifically exclude certain clients later on.
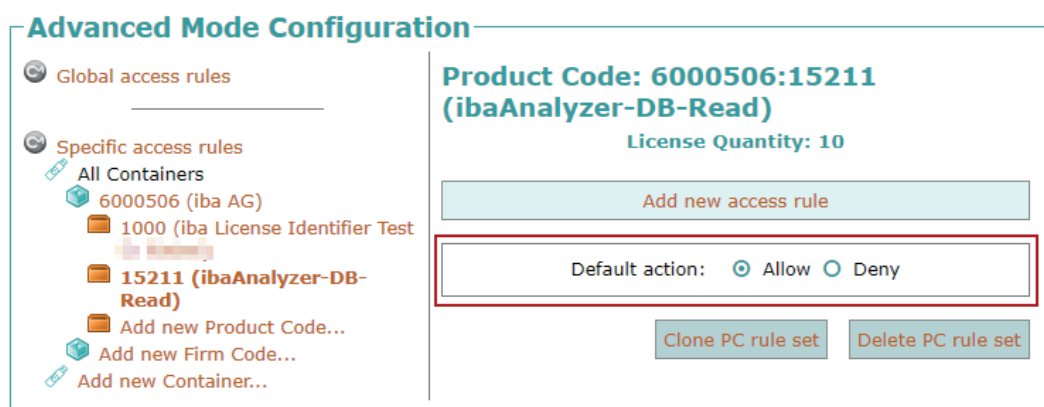
► To do this, click on "Add new access rule" and activate "Deny" as the action in the subsequent dialog box to explicitly cancel access for a client based on the rules.

Add Rule

Action: ○ Allow   ⊙ Deny

⊙ Host   [_____]
○ Subnet   [_____]
○ User   [_____]
○ Group   [_____]

[Add]   [Cancel]

Note

Multiple rules can be defined for each product code, e.g. for multiple PCs, subnets, users or groups.

After completing the configuration settings, click <Apply> to save all changes.

6.3.2   License management on a system with multiple containers

Rules for access permissions can not only be enabled for individual licenses via the network, but can also be specified for entire containers.

If a system is to be used as a license server for multiple systems, multiple containers can also be set up on the license server and enabled for access by individual license clients. This option is also available for soft licenses.

Setting up multiple soft licenses on a system
The default activation mechanism only allows setting up one soft license on each system. To create multiple soft licenses on a system, you require a license template, see chapter ↗ *Setting up a soft license file-based (offline)*, page 34

Once downloaded, a license template can also be imported into the CodeMeter Control Center multiple times. Each import creates a new soft license.

Sharing licenses with multiple systems
If a system is to be used as a license server for multiple systems (license clients), a separate container should be set up for each license client in the CodeMeter Control Center on the license server. It is irrelevant whether the individual containers are USB dongles or soft licenses.

Using the permissions in "Advanced" mode, each available container on the license server can be configured for access by a license client.

1. To do this, click on "Add new Container..." under *Advanced Mode Configuration*.

2. Select the relevant container in the selection list.
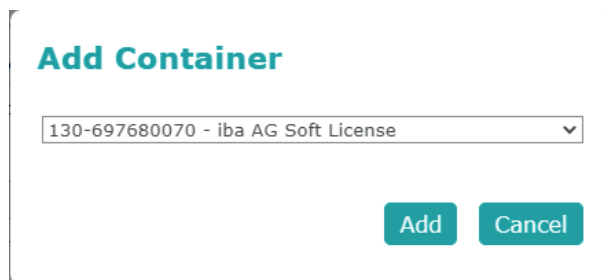
→ The entry is now visible under "Specific access rules".

Setting up container specific license sharing

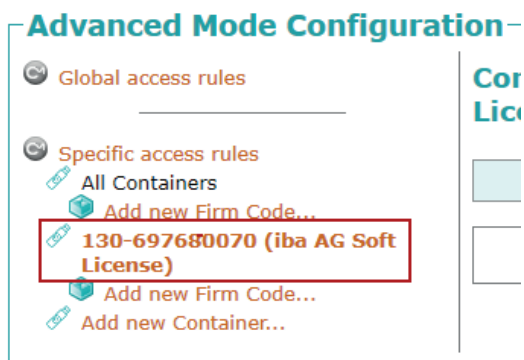To specify which license client can access the licenses in the container added, select the relevant container in the list and define the corresponding default action. See also ↗ *Enabling individual licenses for multiple clients*, page 40.

If you select the "Deny" option as the default action, no client can initially access the selected container and the access permissions are only defined later in the process.

1. To do this, click on "Add new access rule" under *Advanced Mode Configuration*.

2. In the subsequent dialog box, enable "Allow" as the action to selectively allow access for defined clients based on the rules.

If you select the "Allow" option as the default action, you initially allow all clients access to the licenses so that specific clients can be selectively excluded later in the process.

1. To do this, click on "Add new access rule" under *Advanced Mode Configuration*.
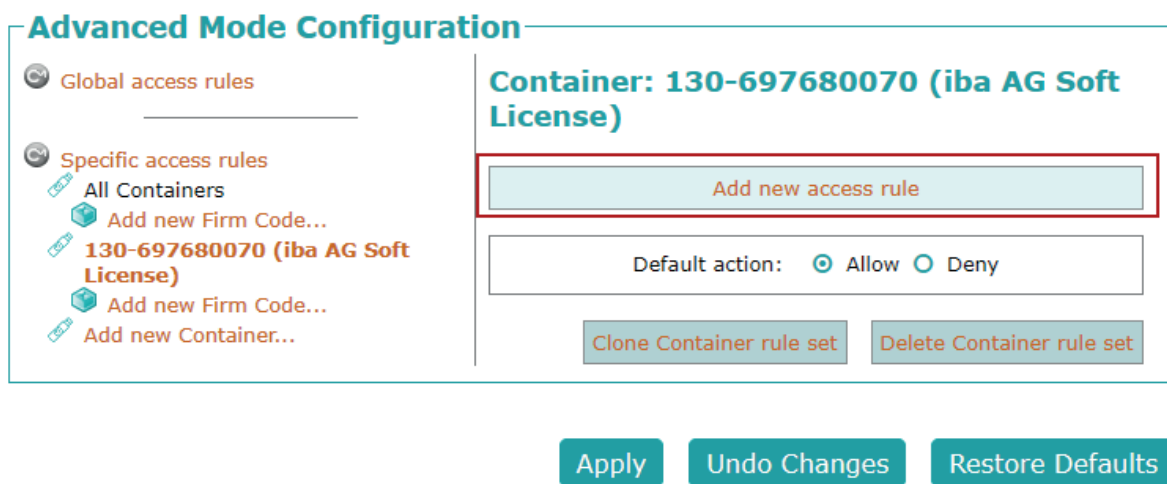
2. In the subsequent dialog box, enable "Deny" as the action to explicitly revoke access based on the rules.
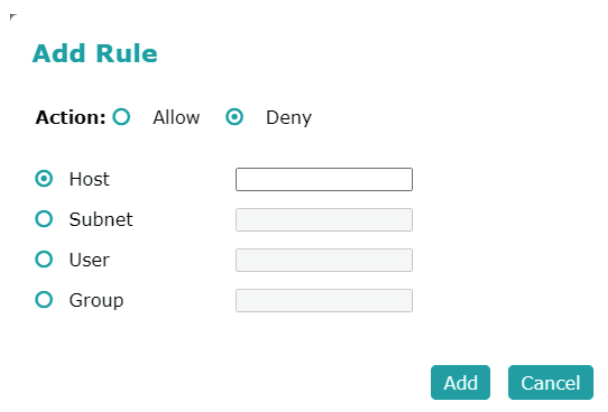
The following parameters can be defined:

Action

Allow: Access to the license is allowed

Deny: Access to the license is denied

Host

Host name or IP address of the system to which the rule relates

Subnet

The permission can be assigned not just to an individual system but also to an entire subnet (e.g. In the format 192.168.123.0/24).

User

If the users are logged into the systems via Active Directory, the permission can be linked to the user account.

Group

If the users are logged into the systems via Active Directory, the permission can be linked to the user groups.


Note

The <Refresh> button enables all known Active Directory users and groups to be retrieved. They are then available in a drop-down list.

After completing the configuration settings, click <Apply> to save all changes.

6.4   Network client configuration

To enable access to licenses released in the network, open CodeMeter WebAdmin. Under *Settings – Basic – Server Search* list, you can specify on which PCs released licenses are to be searched for.
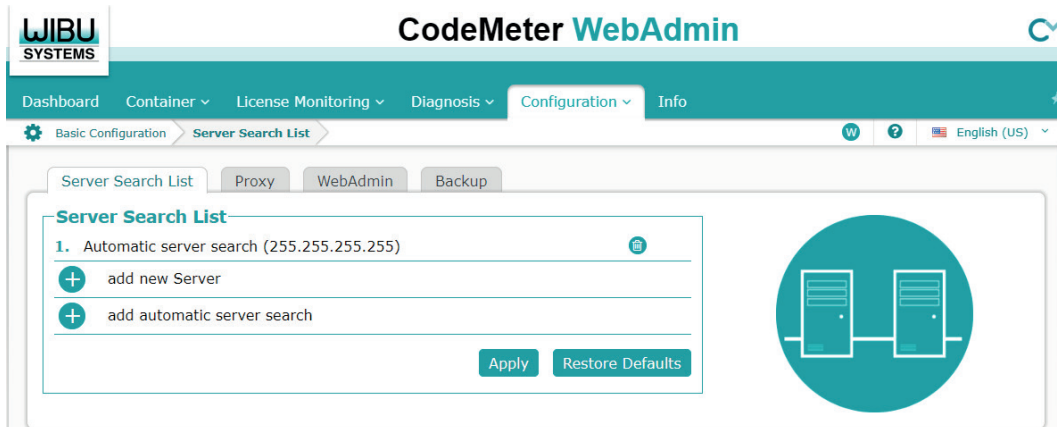
By default, the *Automatic server search* function is enabled. Via this setting, all license servers in the local network will be found.

If you want to use specific licenses from certain PCs, you can create new entries in the server search list via the "add new Server" option.
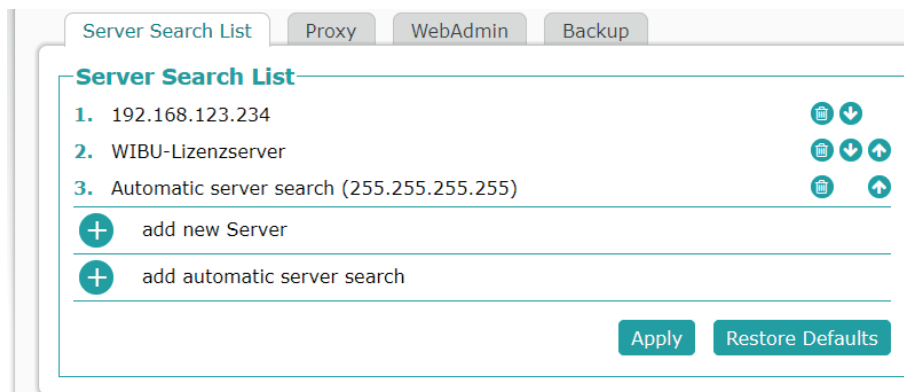
The individual servers can be specified by IP address or host name.

If there are multiple entries in the server search list, arrow icons ⬆⬇ appear on the right-hand side which can be used to adjust the search order.

To apply the server search list for operation as displayed, the configuration must be enabled by clicking on <Apply>.

Entries that are no longer needed can be removed from the list using the icon 🗑 in the corresponding lines.

7   Support and contact

Support

Phone: +49 911 97282-14

Email: support@iba-ag.com

Note

If you need support for software products, please state the number of the license container. For hardware products, please have the serial number of the device ready.

Contact

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