



Activation Guide

1. Activation Guide. Introduction. . . . .	3
2. Overview on licensing the C-Werk software system . . . . .	3
2.1 Types of licenses . . . . .	3
2.2 Licensing methods for C-Werk . . . . .	5
2.3 Product license utility . . . . .	5
3. Activating C-Werk . . . . .	7
3.1 Creating an activation request . . . . .	7
3.2 Activation by applying license file . . . . .	9
3.3 Activation with serial number . . . . .	12
4. Upgrading C-Werk . . . . .	14
5. Transferring a license to another computer while maintaining configuration	14
6. Deactivating a license . . . . .	15
7. Additional license utility actions . . . . .	17
7.1 Saving the license file . . . . .	17
7.2 Changing the C-Werk domain name . . . . .	18
7.3 Excluding the Current Server from an C-Werk domain . . . . .	20

# Activation Guide. Introduction.

On page:
<ul style="list-style-type: none"><li>• General information</li><li>• Purpose of the document</li></ul>

## General information

No part of this publication may be reproduced or transmitted in any way or in any form without the prior written consent of Grundig.

The C-Werk brand is owned by Grundig. All other trademarks mentioned herein are the property of their respective owners.

The document contains information that is current at the time of publication. The document may be changed by Grundig without prior notice to other parties

## Purpose of the document

The C-Werk software system Activation Manual provides the information necessary for licensing the C-Werk software system.

The chapters titled Activation Guide. Introduction. and Overview on licensing the C-Werk software system are intended as general guidance on the C-Werk licensing process.

The chapter Activating C-Werk Free contains instructions for activating your C-Werk Free license.

The chapter Activating C-Werk contains instructions for activating your paid license of C-Werk.

The chapter Upgrading C-Werk contains instructions for upgrading your paid license of C-Werk.

A description of additional actions that may be carried out with the license utility is provided in the Additional license utility actions.

Generating license files via the licensing web server chapter provides instructions on generating license files.

# Overview on licensing the C-Werk software system

## Types of licenses

There are 4 types of C-Werk license: **Viewer**, **Essential**, **Pro** and **Premium**.

Upon installation, you have the **Viewer** license. The license's key features are as follows:

1. **Viewer** is completely free.
2. **Viewer** covers only Grundig video cameras.
3. **Viewer** lets you work only with NVR and storage embedded in video cameras. You cannot record video to HDD or NAS.

As for validity of the license, there are two types:

- Unlimited
- 1 year subscription

Data on all the types of C-Werk licenses is presented below.

Functionality	Type of license	<b>Viewer</b>	<b>Essential</b>	<b>Pro</b>	<b>Premium</b>

Maximum number of Servers in C-Werk domain	Unlimited	Unlimited	Unlimited	Unlimited
Maximum number of channels in C-Werk domain	Unlimited	64	Unlimited	Unlimited
Support for SD cards (edge storage)	Yes	Yes	Yes	Yes
Macros	Yes	Yes	Yes	Yes
Situation analysis detection tools (excluding line crossing)	Yes	Yes	Yes	Yes
Line crossing	Yes	Yes	Yes	Yes
Events from external systems (POS terminals, ACFA)	Optional	Optional	Optional	Optional
Scene synopsis (TimeCompressor)	No	No	Yes	Yes
Cross-System Client	No	No	Yes	Yes
Advanced archive search: <ul style="list-style-type: none"> <li>• MomentQuest</li> <li>• Face search</li> <li>• LPR search** and</li> <li>• Smoke and fire detection</li> <li>• Tag&amp;Track Pro</li> </ul>	No	No	Optional	Yes
IntelliVision Automatic Number Plate Recognition	No	No	No	Optional
Searching for LPR numbers on video from multiple cameras	No	No	No	Yes
Data replication	No	No	No	Yes
Failover	No	No	No	Yes
Video walls management	No	No	No	Yes
LDAP authentication supported	No	No	No	Yes
<b>System features available for all licenses</b>				
<b>Server</b>	Yes	Yes	Yes	Yes
Support for ONVIF (profiles G,S), RTSP, GB/T28181				
H.265 support				
MotionWavelet recompression				
Metadata from IP devices				
Configuration backup and restore				
Mass configuration of cameras				
Multicasting				
Hotkeys				

<p><b>Live Monitoring</b></p> <p>Basic audio and video analytics</p> <p>Interactive 3D map</p> <p>GreenStream</p> <p>Tag&amp; Track Lite</p> <p>OnScreen PTZ mode</p> <p>Support for fisheye cameras and ImmerVision lenses</p> <p>Export of snapshots and video episodes to multiple formats</p> <p>Information boards</p>	Yes	Yes	Yes	Yes
<p><b>Remote clients</b></p> <p>Web client</p> <p>iOS app (including Apple TV)</p> <p>Android app</p> <p>Windows mobile app</p>	Yes	Yes	Yes	Yes

Information about the type of license you are using is displayed in the server properties in the **Product Type** field.

\*The system will operate in Viewer mode from 8:00 AM to 6:00 PM.

\*\*Please contact our sales team to confirm if LPR country is supported and find out more about licensing policy

## Licensing methods for C-Werk

There are two licensing methods for C-Werk:

1. License file only

The license file contains data on basic hardware configuration (motherboard, processor, hard disk, video adapter, RAM, and network card) of all Servers. If you change any 2 of the basic hardware components, your license will be invalid. For example, this is the case when you change both CPU and motherboard. However, changing a graphics card or upgrading RAM will not affect the license.

This is why when working with C-Werk you should bear in mind the following:

1. The activation request should be sent from the computer that will host the C-Werk Server.
  2. You can upgrade your license only if you retain the initial basic hardware configuration of all the Servers.
  3. It is not possible to transfer a license from one computer to another.
2. License file + Guardant dongle.

this method allows replacing server hardware and transferring the license to another computer. To activate C-Werk via this method, contact Grundig to receive a license file and Guardant dongle. If you already have a Guardant dongle, you can perform activation yourself. To do so, connect the Guardant dongle to the computer that you wish to activate and perform the standard activation steps.

**Note**

If you install virtualization products such as VirtualBox, VmWare etc. , this may affect the license. Should you encounter this problem, you are advised to uninstall all virtualization products or apply for a new license file

## Product license utility

Activating an *C-Werk* license is done through the product license utility.

The product license utility is launched from the *Windows Start* menu: **Start -> Programs -> C-Werk -> Utilities -> Product Activation.**

**Note.**

The product license utility executable file LicenseTool.exe is located in the following directory: <Directory where C-Werk is installed>\Grundig\C-Werk\bin\

Next, select the name of one of the C-Werk-domain servers, which will provide the license file (this file is distributed to all servers running at the time of activation of this C-Werk-domain), and login to the system using the C-Werk administrator name and password, to continue the activation process.

Activation utility

**C·WERK**<sup>®</sup>

**User authentication**  
Choose server to connect and enter administrator's username and password

Server name or IP address: V-BELYAKOV

Username: root

Password: \*\*\*\*\*

FOR A GOOD REASON  
**GRUNDIG**

Next >>

After the download is complete the license utility will display the home screen.

**Note**

To activate C-Werk, connect to a Server in the C-Werk domain. Otherwise, an error message appears.

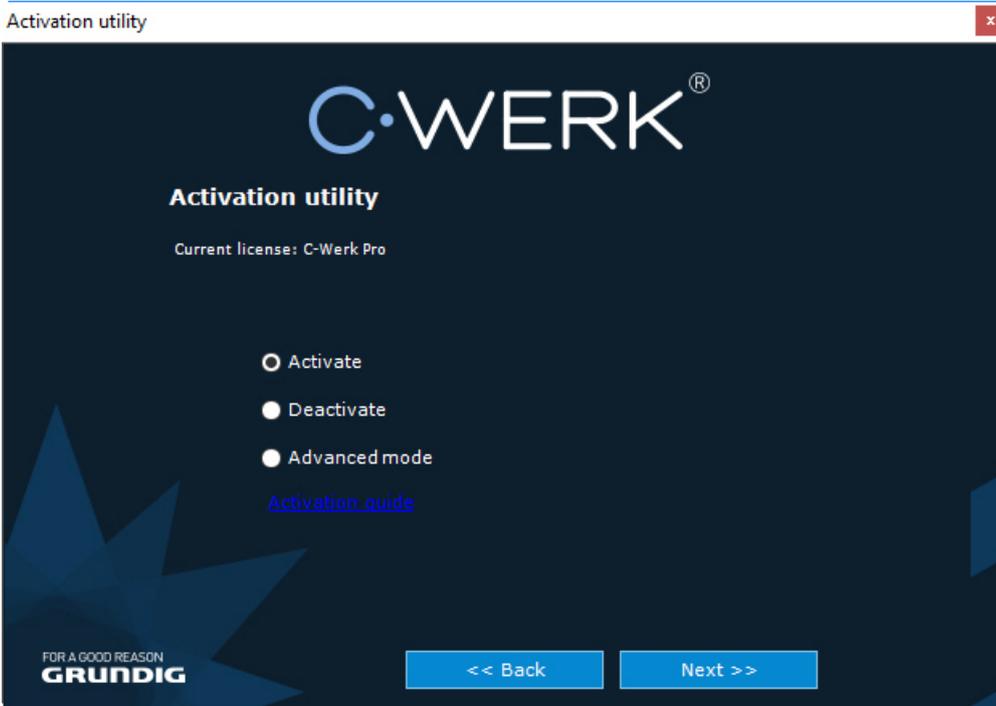
Activation utility

**C·WERK**<sup>®</sup>

**User authentication**  
Choose server to connect and enter administrator's username and password

Connecting to server...

FOR A GOOD REASON  
**GRUNDIG**



## Activating C-Werk

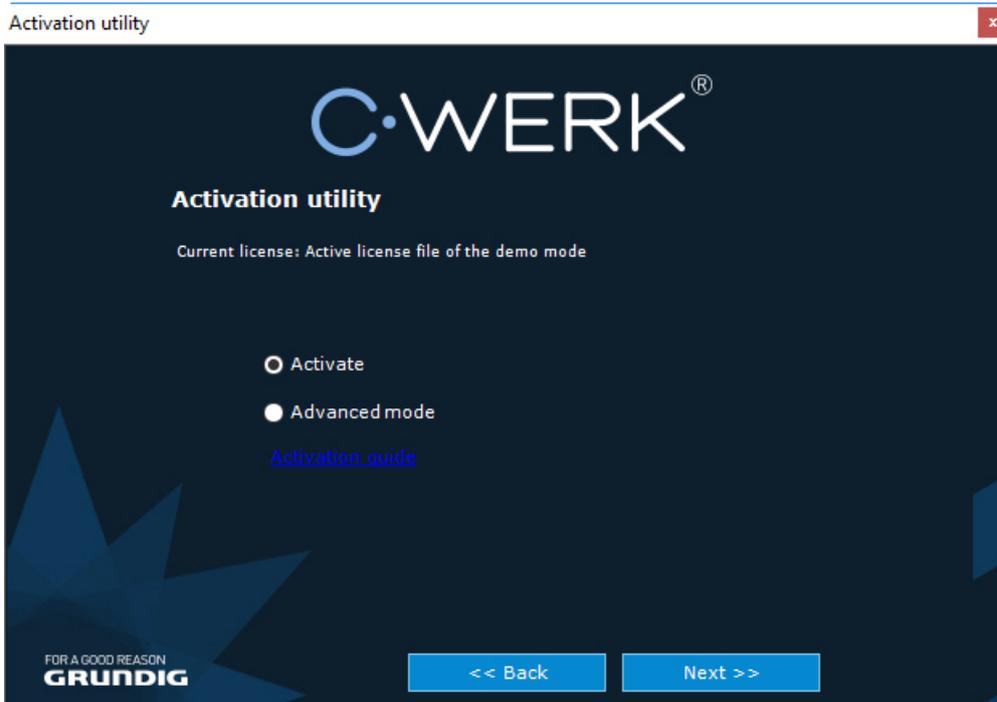
To activate your C-Werk, do as follows:

1. Create an activation request file. Submit it to an Grundig rep.
2. Payment and delivery of the license file or serial number.
3. License activation.

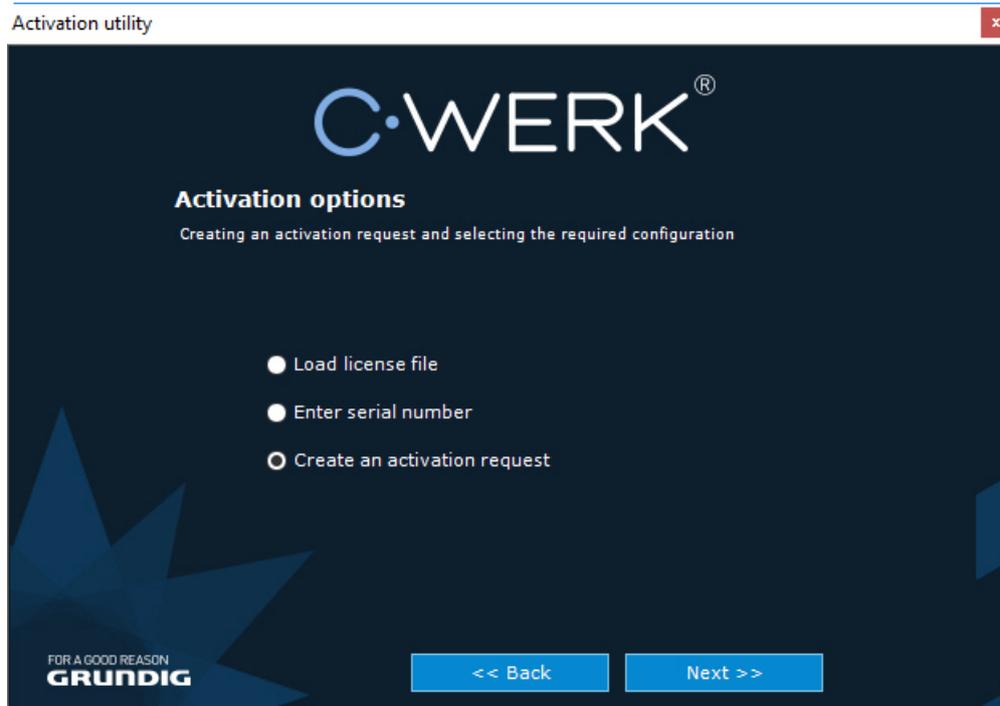
## Creating an activation request

To create an activation request, do as follows:

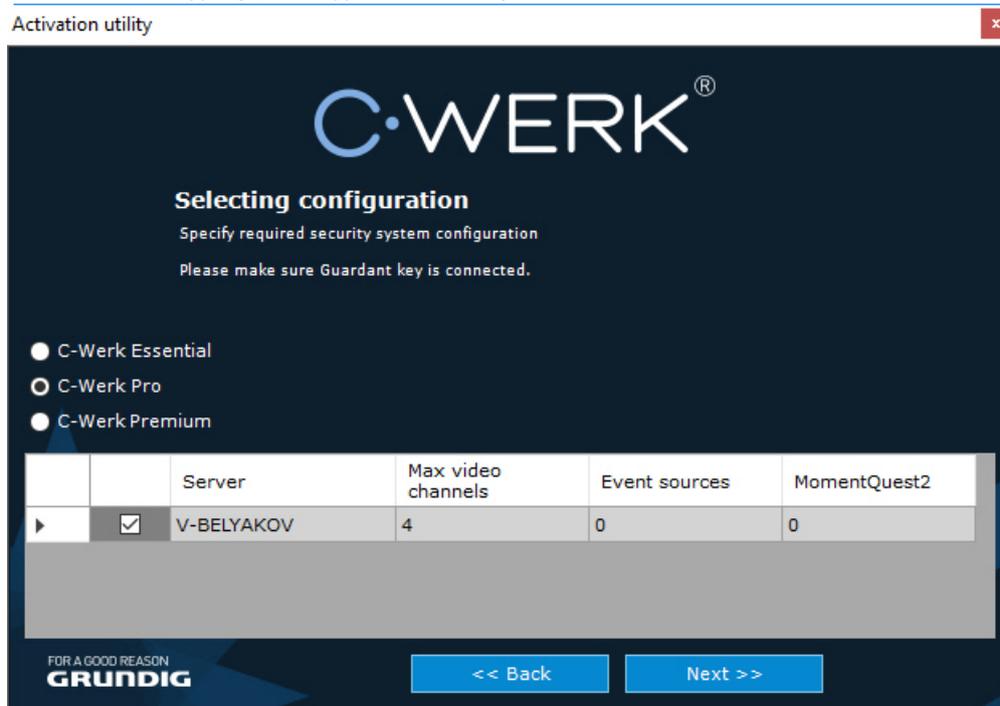
1. In demo mode, you can add servers to your C-Werk domain, if you want to create a distributed system.
2. On the main page of the activation utility, select **Activate** and click the **Next** button.



3. Select the **Create an activation request** click the **Next** button.



4. Select a license type (**1**, see Types of licenses).



5. Select servers and the required feature set (**2**).

1. Number of video channels (for all license types);
2. The number of sources for external events (specify the number of connections (the [Event Source](#) objects) for Essential, Pro and Premium licenses)
3. Forensic Search in recorded video (Optional only for Professional license). This specifies the maximum allowed quantity:
  1. The [Object Tracking](#) objects.
  2. Automatic Number Plate Recognition tools (ANPR)
  3. Face detection tools
  4. Smoke and fire detection tools
  5. PTZ cameras to use with Tag & Track.
4. Analyze video from external systems (Offline Analytics, only for Universe license).

**Note**

When you create a request file, all servers in the C-Werk domain must be online. If the server on which you are creating the request file, cannot connect to any selected server, the request file cannot be created.

6. Save the activation request file using any one of the following methods:



1. Click the  button in the standard *Windows* dialog box to browse for file location and enter the name.
2. Click the  button. The folder that contains the request file opens.
3. Drag and drop the  image to the destination folder.

You have created an activation request file.

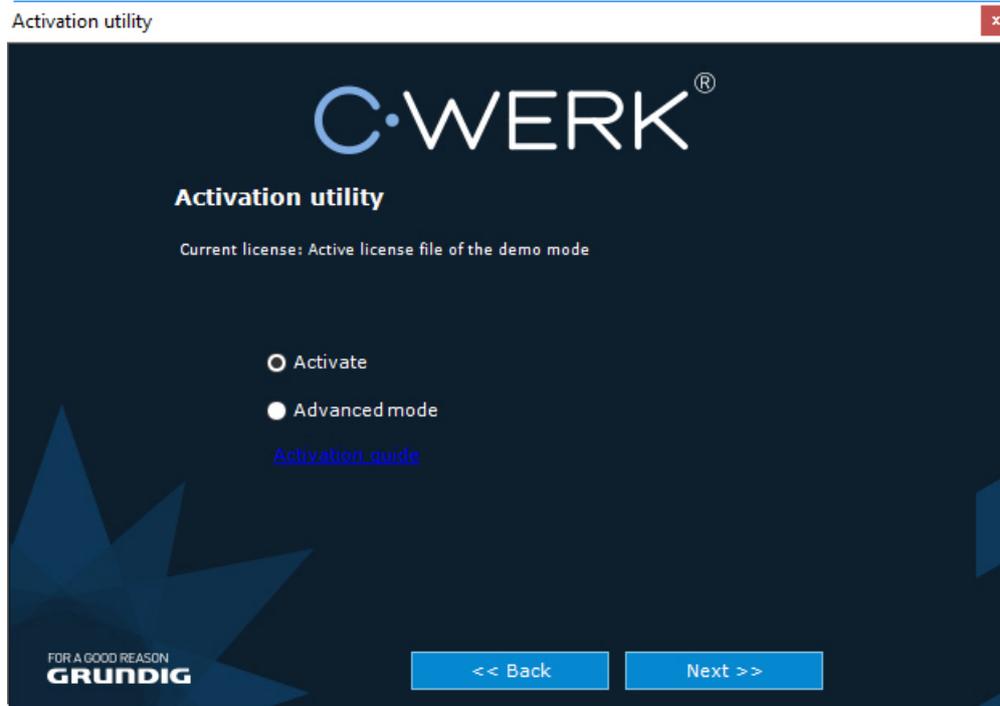
**Note**

To return to the Home page of the activation utility, click **Back**, to exit it - click **Finish**

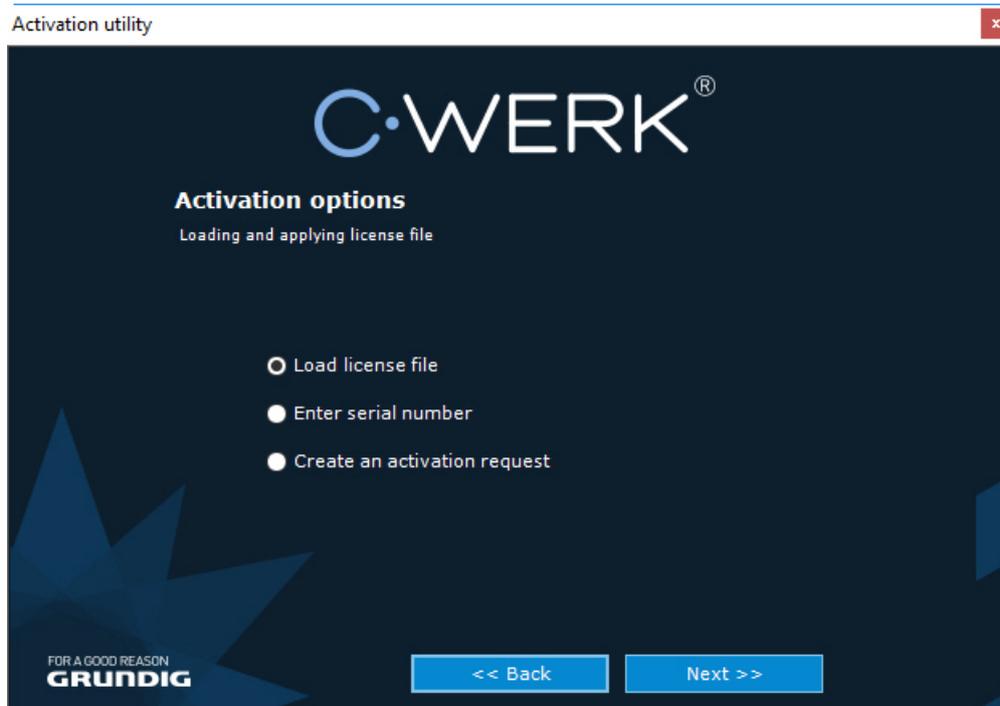
## Activation by applying license file

You can apply your C-Werk license file as follows:

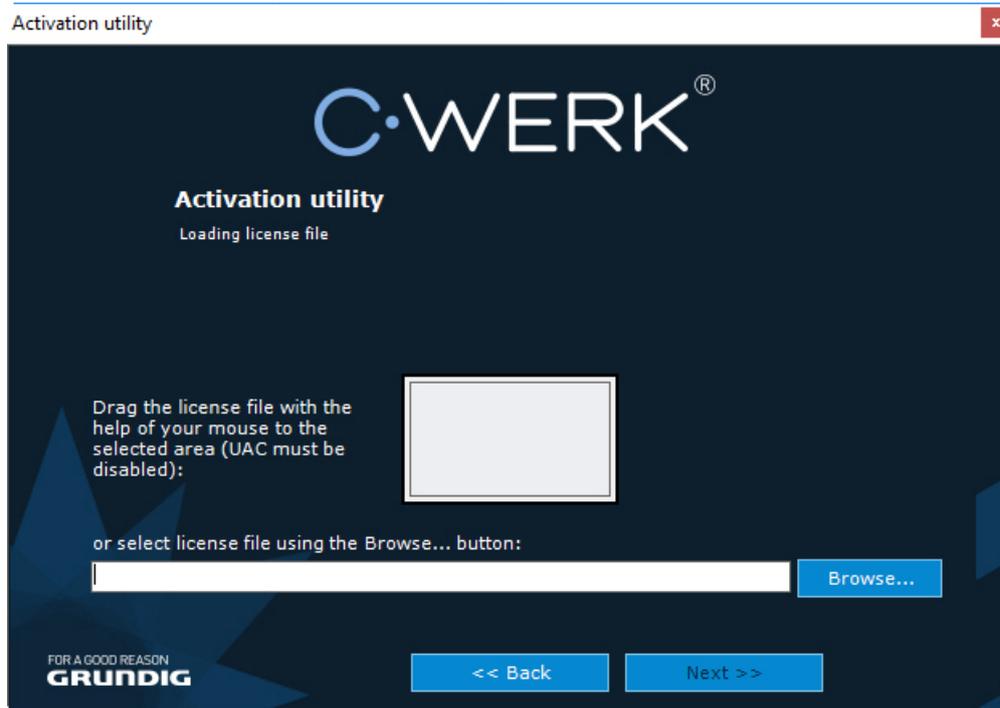
1. On the main page of the activation utility, select **Activate** and click **Next**.



2. Select **Load license file** and click **Next**.



3. Load the license file using one of the following methods:



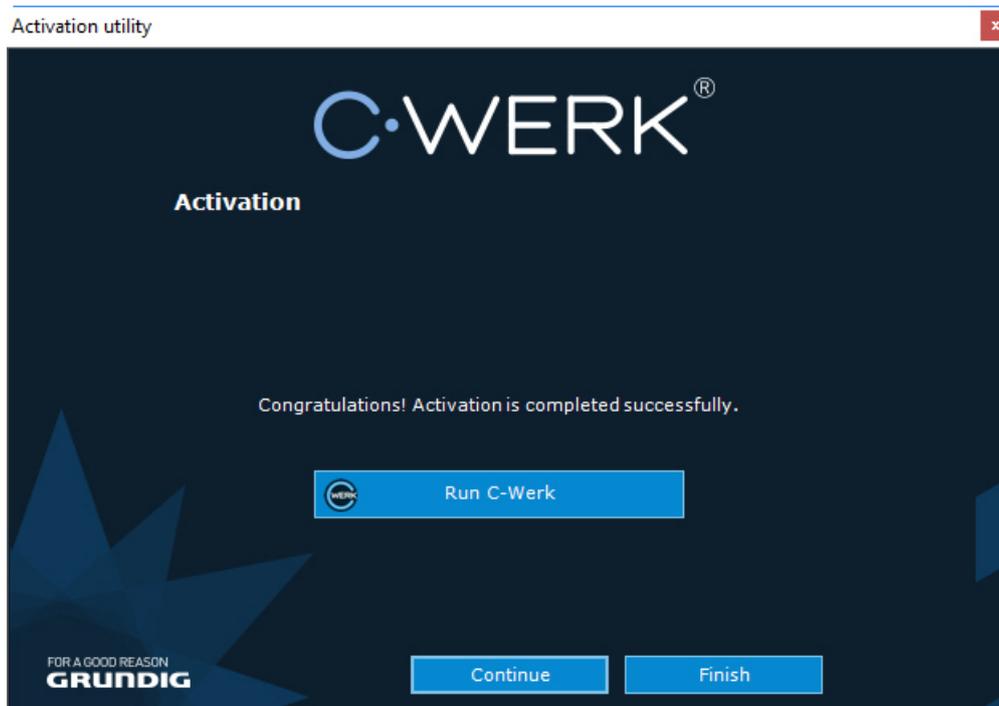
1. drag and drop the license file to the selected area (1).
2. click the **Browse** button and select a license file (2).
4. Click the **Next** button.

This will load the license file.

**Attention!**

The license file defines configuration of the system (the maximum number of servers, video channels and detection tools).

If completed successfully, a message is displayed.



You have activated C-Werk.

**Attention!**

The C-Werk Server must be restarted after activation.

#### Note

Click **Continue** to return to the Activation Utility home page. To exit, click **Finish**. To close the utility and start the **C-Werk** client, click **Run C-Werk**.

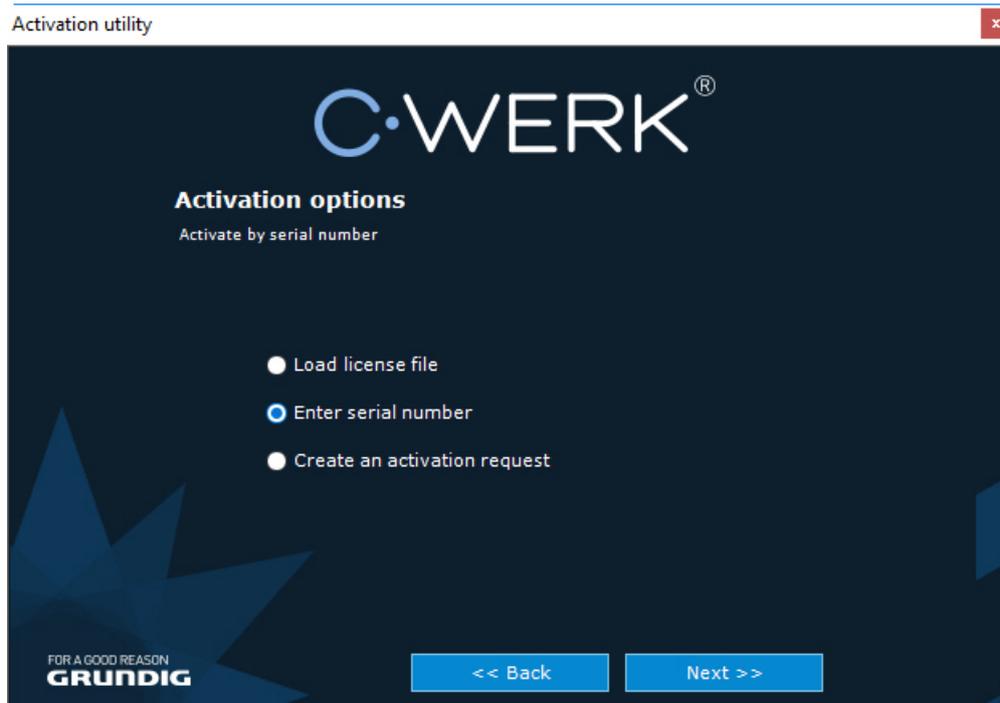
## Activation with serial number

If you have a serial number, you can activate C-Werk follows:

1. On the main page of the activation utility, select **Activate** and click **Next**.



2. Select **Enter serial number** and click **Next**.



3. Enter serial number and click **Next**.



4. If there is more than one Server in the C-Werk domain or in the license file, a window will open, that shows the maximum number of modules for activation. By default, the modules will be divided equally between the Servers..

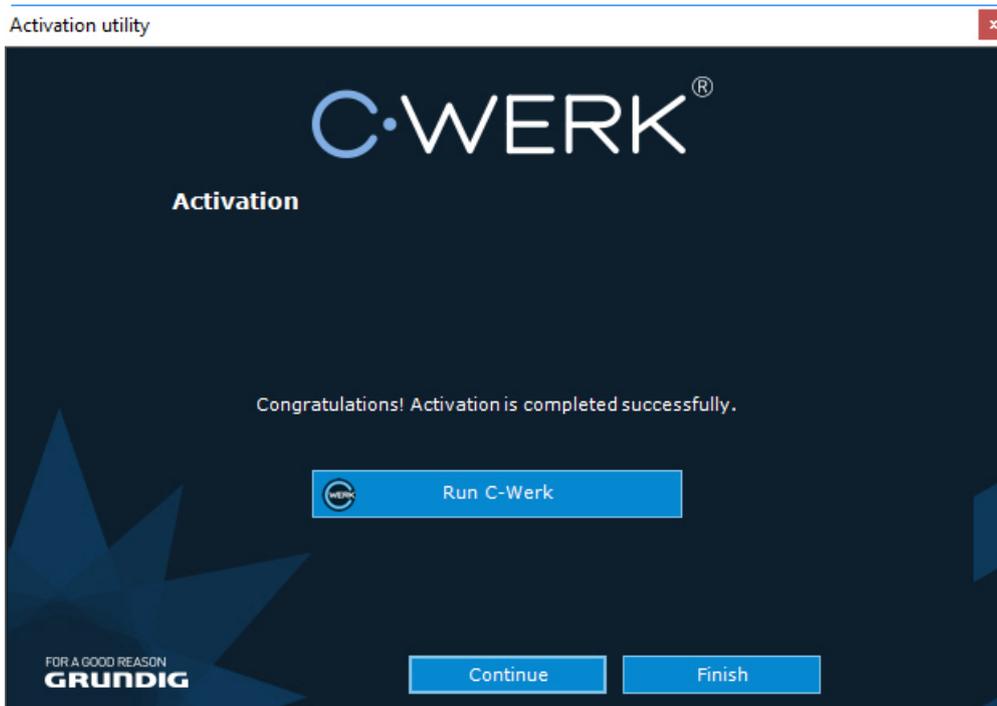
**Note**

If there are multiple servers in the configuration, the modules will be equally distributed among them.

5. Select the number of modules to activate and click **Next**.

Your activation request will be sent online.

If activation is completed successfully on the licensing server, the license file will be automatically downloaded and distributed within the system.



You have activated C-Werk.

### Note

Click **Continue** to return to the Activation Utility home page. To exit, click **Finish**. To close the utility and start the **C-Werk** client, click **Run C-Werk**.

If your computer is offline, you will be prompted to save the activation request file using any of the following methods:



1. Click the  button in the standard *Windows* dialog box to browse for file location and enter the name.
2. Click the  button. The folder that contains the request file opens.
3. Drag and drop the  image to the destination folder.

Submit the request file to an Grundig rep.

### Attention!

The C-Werk Server must be restarted after activation.

## Upgrading C-Werk

To upgrade C-Werk, do as follows:

1. Deactivate your license (see [Deactivating a license](#)).
2. Generating an activation request (see [Creating an activation request](#)). Proceed with payment.
3. Activate your purchased license (see [Activation by applying license file](#), [Activation with serial number](#)).

### Note

Skip the second step, if you activate a license for purchased configuration.

## Transferring a license to another computer while maintaining configuration

You can transfer an C-Werk license to another computer while maintaining your existing configuration only if your license file and Guardant dongle are tied to each other and the network name of the new computer is the same as on the old one.

To transfer a license:

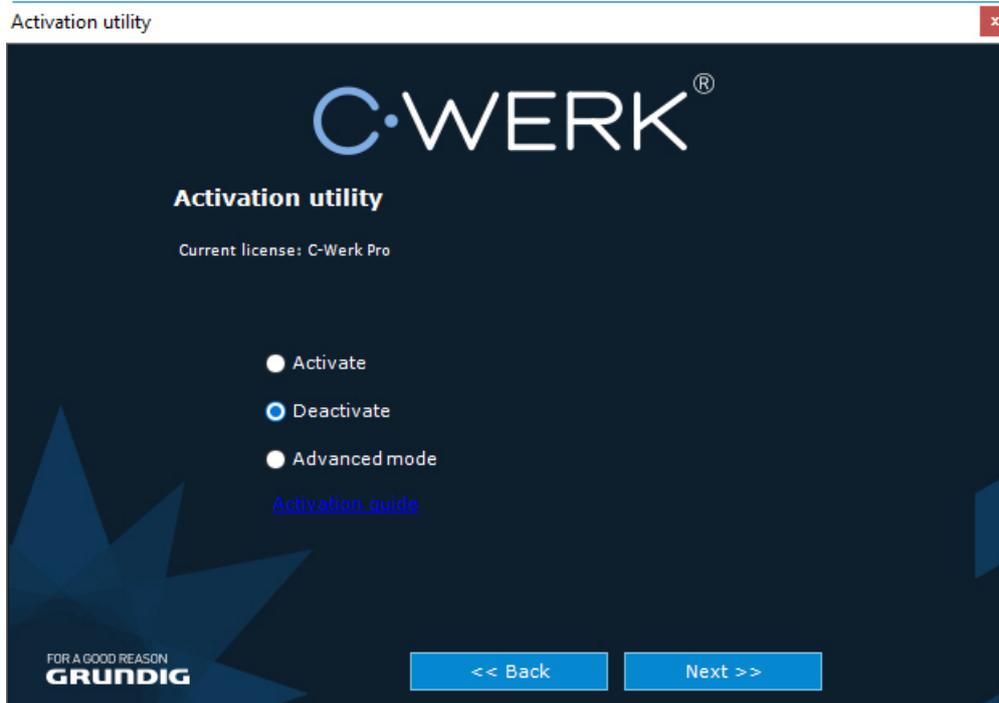
1. Save the license file (see [Saving the license file](#)).
2. Uninstall C-Werk, but save the configuration, on the old computer (see [Removal](#)).
3. Copy the configuration folder to a new computer (*C:\ProgramData\Grundig\C-Werk* by default).
4. Install C-Werk on the new computer.
5. Apply the license file (see [Activation by applying license file](#)) and insert the Guardant dongle.

Transfer of the C-Werk license while maintaining the previous configuration is now complete.

## Deactivating a license

To delete the license file from the system, follow these steps:

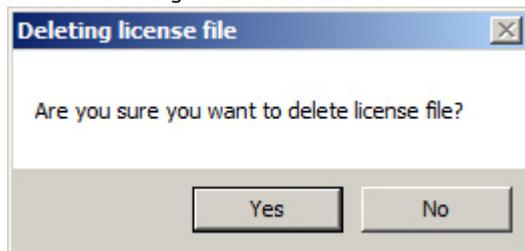
1. On the main page of the activation utility, select **Deactivate** and click **Next**.



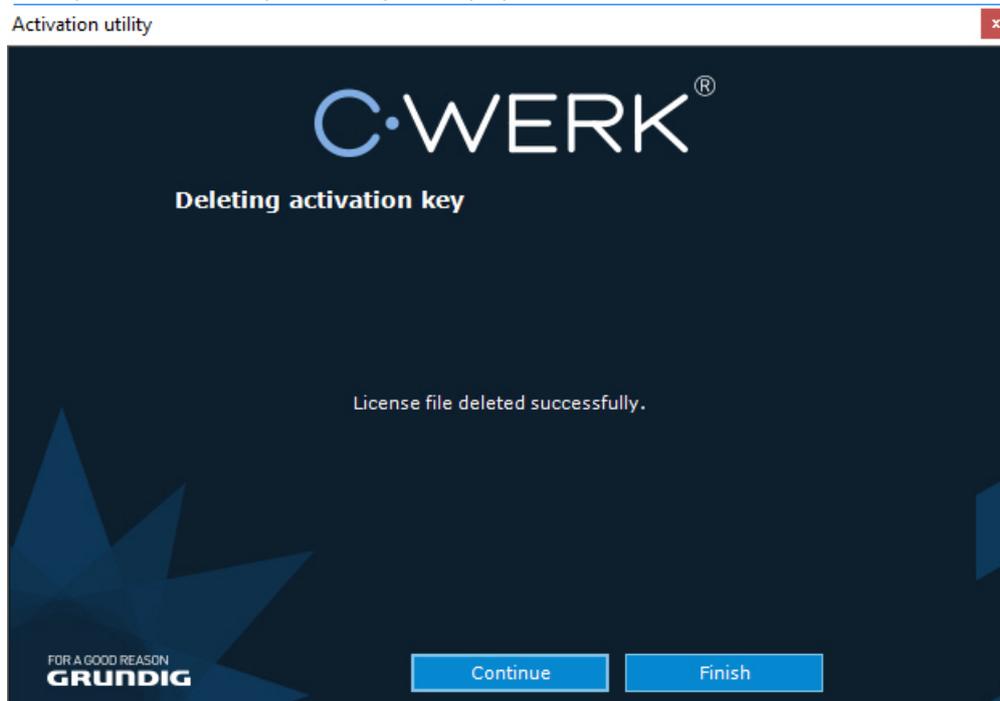
2. You can save the activation request file using any one of the methods prompted on the screen: Click the **Next** button.



3. Confirm deleting a license file.



4. If completed successfully, a message is displayed.



You have deleted a license file. Now your VMS runs in Viewer mode.

**Note**

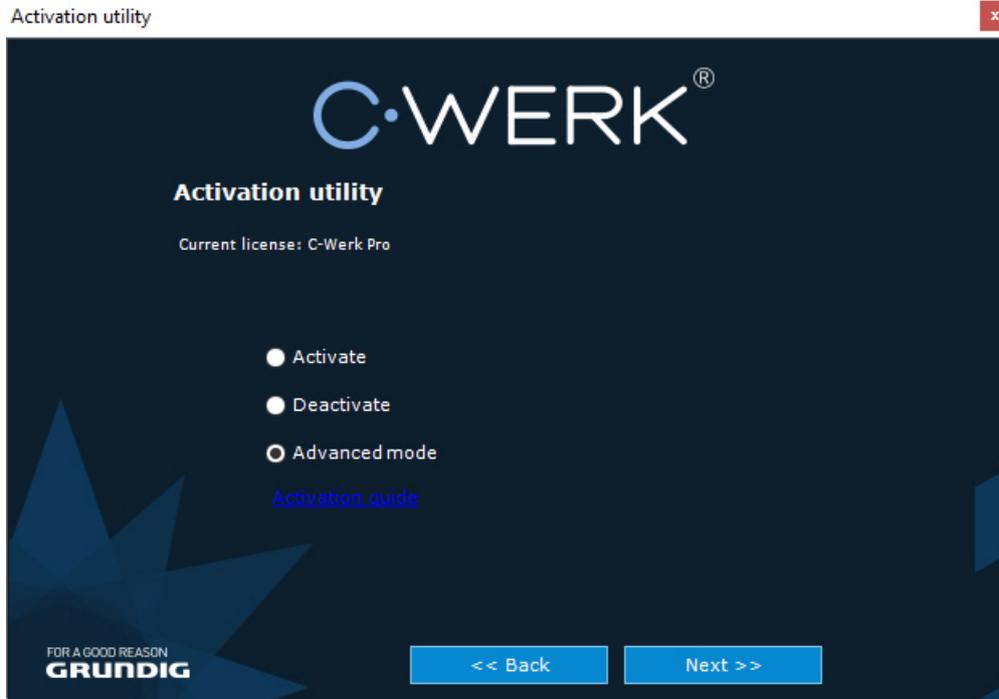
To return to the Home page of the activation utility, click **Continue**, to exit it - click **Finish**

# Additional license utility actions

## Saving the license file

To save the license file, follow these steps:

1. On the main page of the activation utility, select **Advanced mode** and click the **Next** button.



2. Select **Save license file** and click the **Next** button.



3. Save the license file in one of the following ways.



1. Click the  button in the standard *Windows* dialog box to browse for file location and enter the name.
2. Click the  button. The folder that contains the request file opens.
3. Drag and drop the  image to the destination folder.

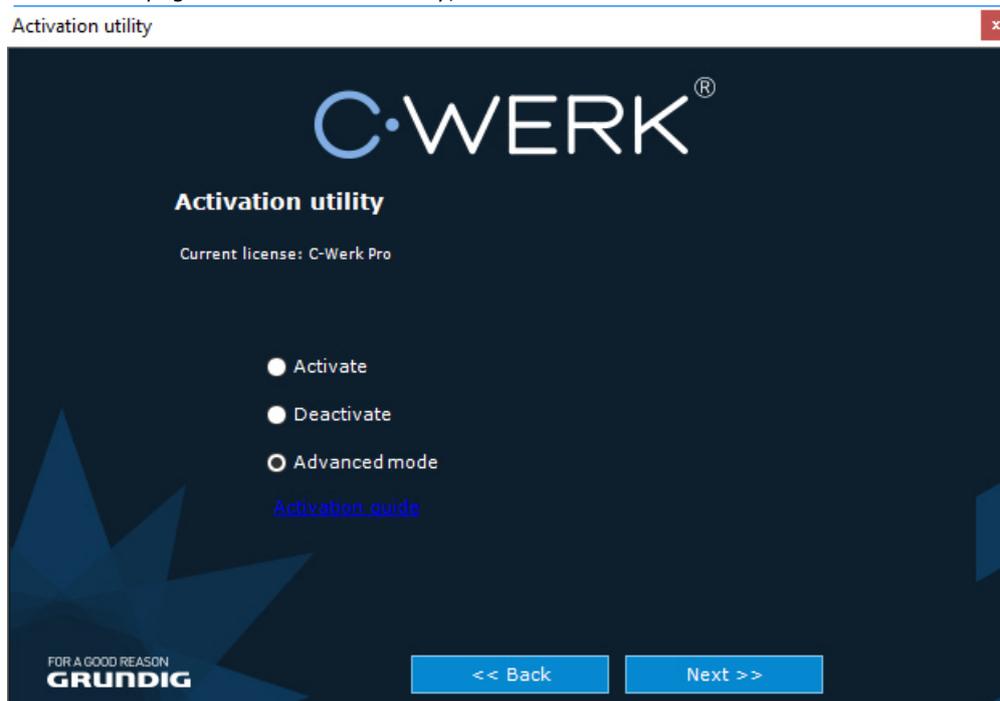
Saving the license file is complete.

To return to the license utility home screen, click **Back**. To exit from the utility, click **Finish**.

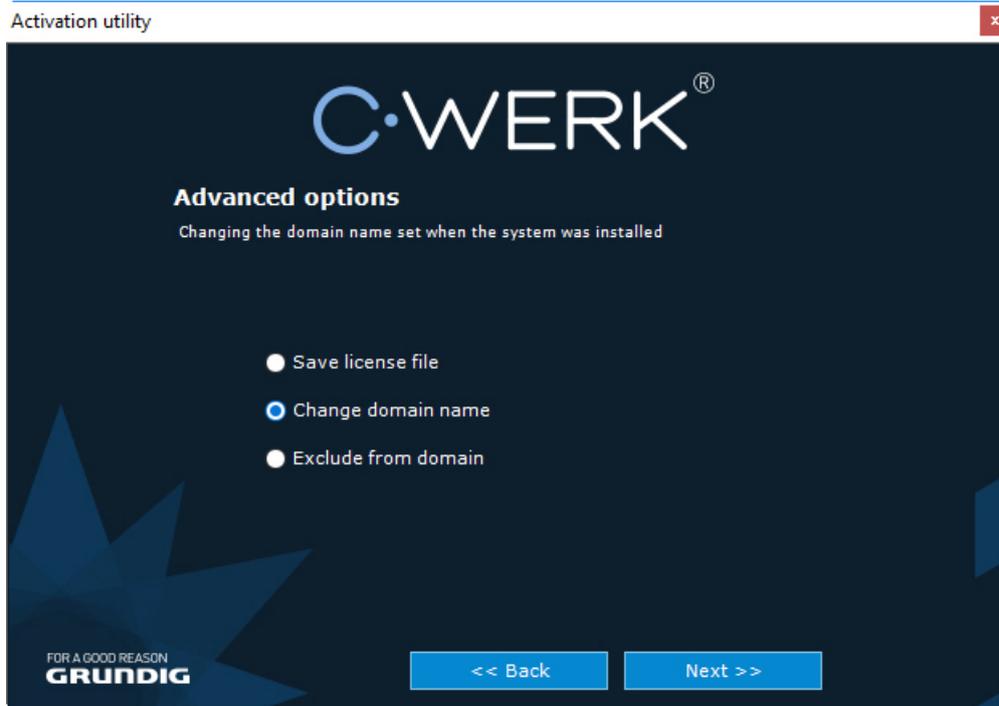
## Changing the C-Werk domain name

To change the C-Werk domain name from that given during the system installation, follow these steps:

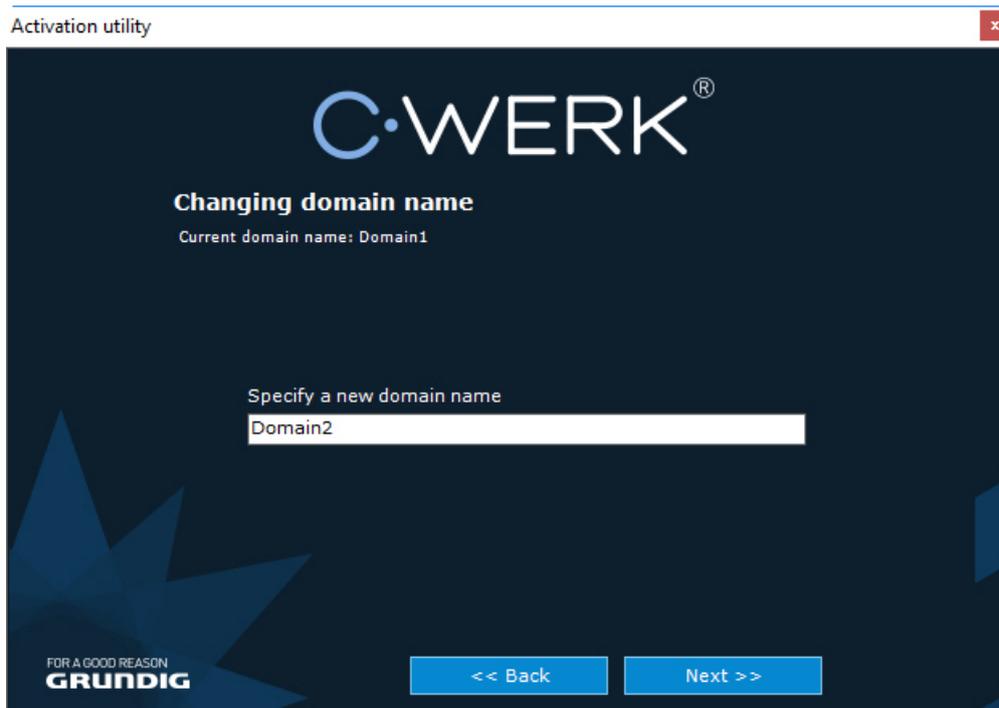
1. On the main page of the activation utility, select **Advanced mode** and click the **Next** button.



2. Select **Change C-Werk domain name** and click the **Next** button.



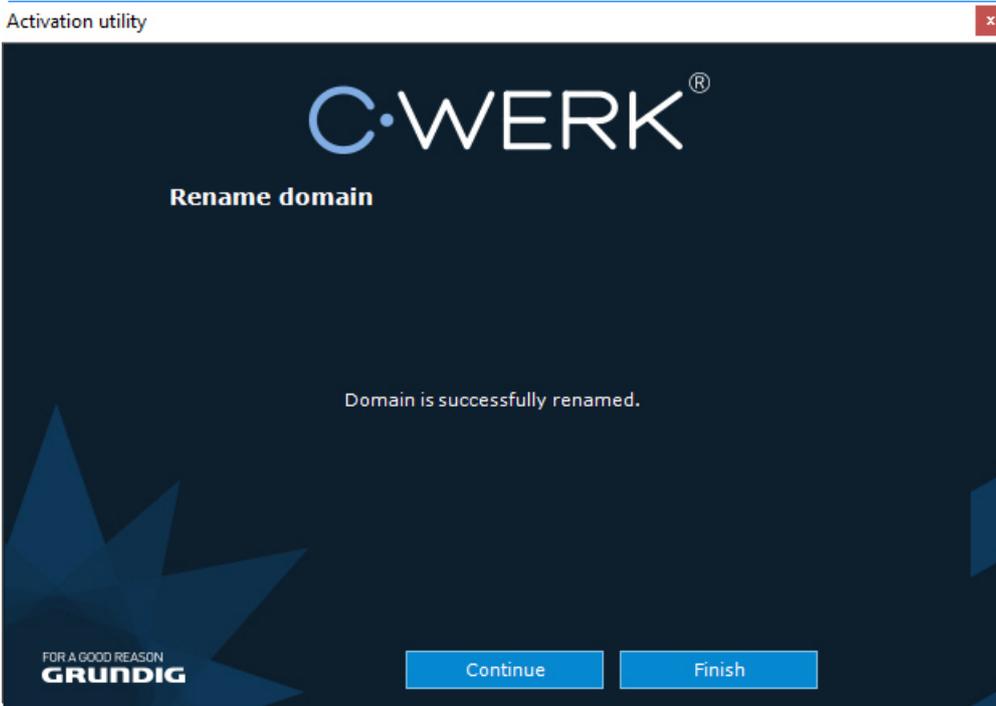
3. Specify the new C-Werk domain name and click **Next**.



**Note.**

The C-Werk domain name may only consist of letters-numeric characters and a dash (-). The dash not be the first or last character in the name.

If successful a message will appear.



To return to the Home page of the activation utility, click **Continue**, to exit it - click **Finish**

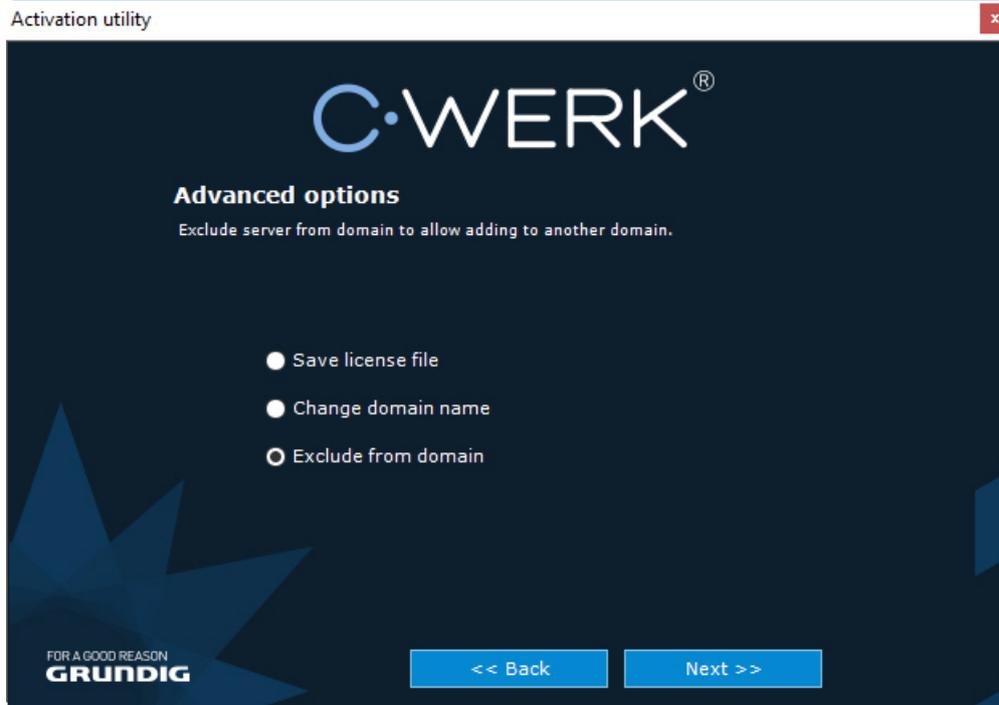
## Excluding the Current Server from an C-Werk domain

To exclude the Server currently connected to the activation utility from an C-Werk domain, perform the following steps:

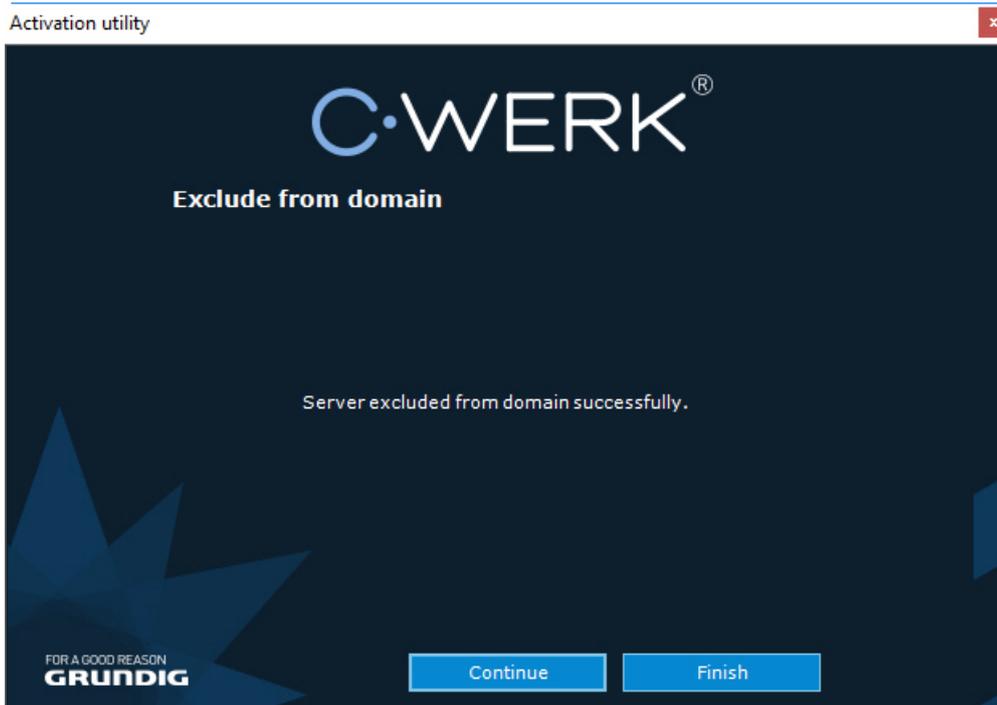
1. On the main page of the activation utility select **Advanced mode** and click **Next**.



2. Select **Exclude from C-Werk domain** and click **Next**.



If the operation completes successfully, a notification message will appear.



The Server has been excluded from the C-Werk domain.

**Note**

To return to the Home page of the activation utility, click **Continue**, to exit it - click **Finish**