Installation
and
Update Guide

for

ROKA

(from Version 3.3.3.2)

Instructions for Server and Workstations
running Microsoft Windows

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1 General

1.1 Requirements

The following system requirements apply to the installation:

- Operating system Windows 10 (Version 1909 or newer), Windows 11 (Version 21H2 or newer), Windows Server 2012 R2, Windows Server 2016 (with desktop experience), Windows Server 2019 (with desktop experience) or Windows Server 2022 (with desktop experience) each equipped with the latest Microsoft updates. The use of a 64 bit operating system is recommended.

- The program requires 400 MB free hard disk space.

- A network file can exceed the 500 MB mark for complex data sets, which is why at least 4 GB of free space should be reserved on the local hard disk or in the network for storing the data sets.

- The required RAM depends on the amount of data to be processed, but at least 8 GB RAM is recommended. For several-user operation (e.g. terminal server), an additional 4 GB should be kept available for each simultaneous user.

- The screen resolution should be at least 1280×1024 pixels (SXGA). A resolution of 1920×1080 pixels (Full HD or higher) is recommended.

1.2 Administrator

All installation steps must be performed with **administrator rights**.

1.3 User account control

Depending on the user control configuration present on your system, the following notice may appear at the beginning of the installation:
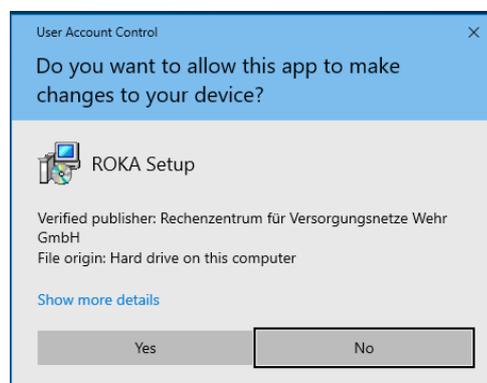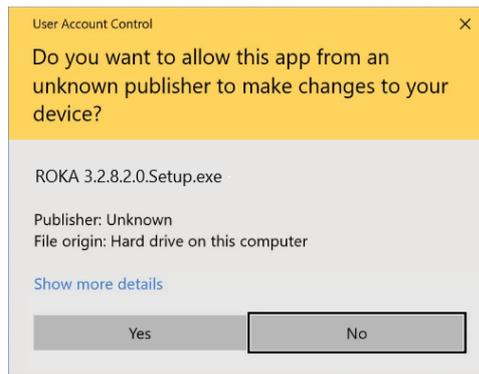

Figure 1: User account control

Figure 2: User account control

When these dialogs appears, select the **Yes** button and continue the installation.

2 Install ROKA

For a single-user installation, please perform the following installation steps on the workstation.

For a several-user installation, perform the installation either on all workstations or on one server, depending on the type of installation you want.

2.1 Guided installation

Using the explorer, navigate to the directory where you have placed the ROKA installation program, highlight the program with the right mouse button and select **Run as administrator**.
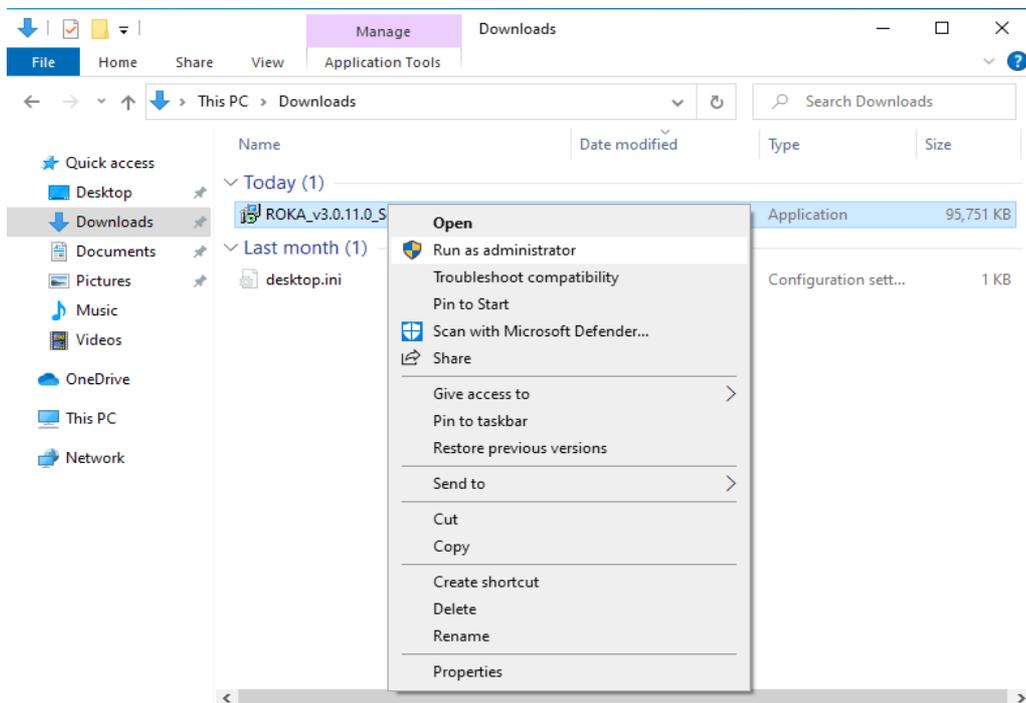

Figure 3: run as administrator

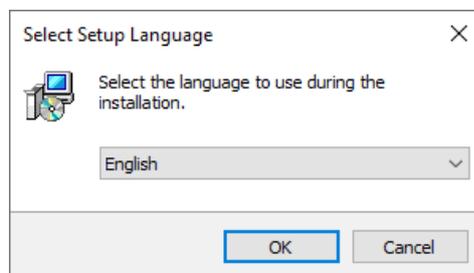Decide on a language to be used for the setup.

Figure 4: Select Setup Language

After selecting the installation language, select a folder in which to install the program. The installer automatically detects whether it is being installed on a 32-bit or 64-bit operating system and suggests the appropriate default directory.
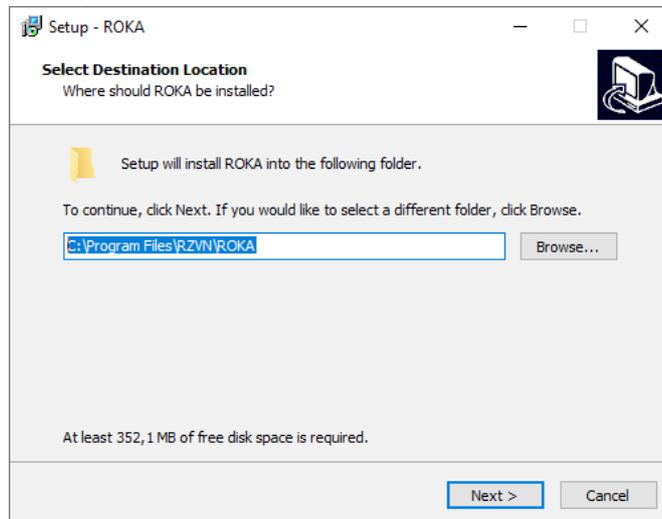

Figure 5: Select Destination Location

If you change the default directory, make sure as administrator that the program users have the permission to at least read and execute the program directory and all its files and subdirectories.
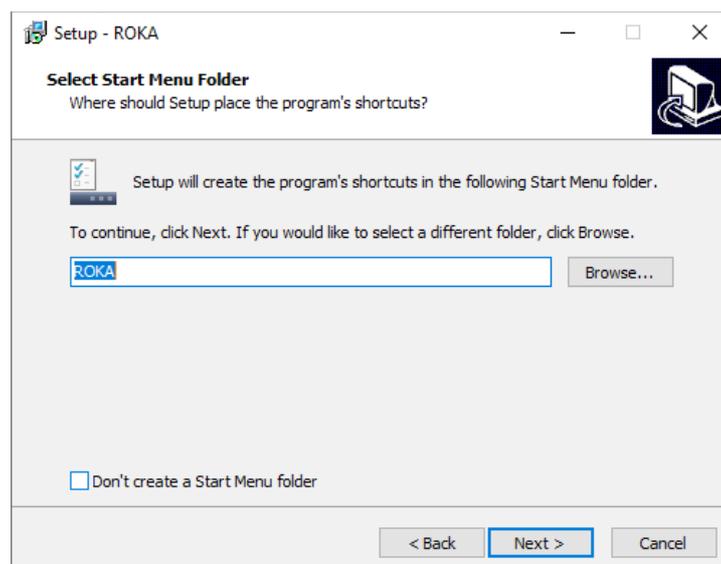
Specify whether to create a folder in the Start Menu.

Figure 6: Select Start Menu Folder

The creation of a desktop icon can also be specified. The desktop icon is a shortcut to the ROKA program, which is created on the public desktop (in the directory C:\Users\Public\Desktop).
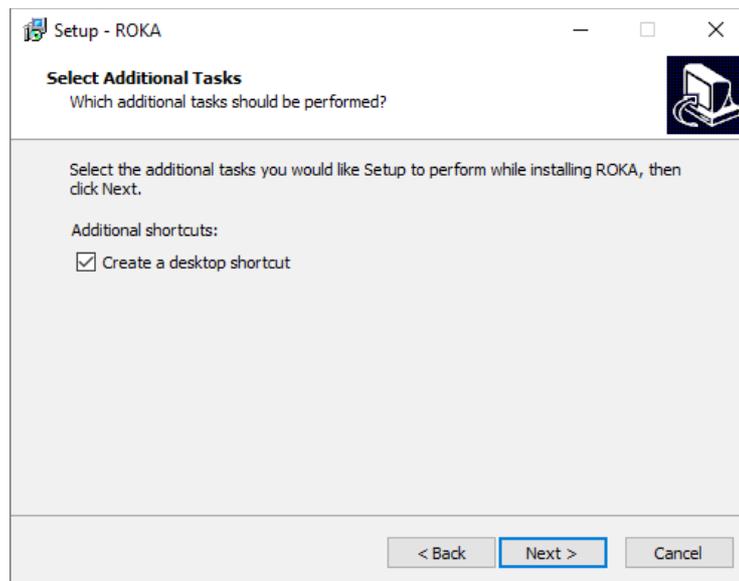
Figure 7: Create Desktop Icon

Before the beginning of the installation, your previous selections will be summarized. Select the **Install** button to start the installation.
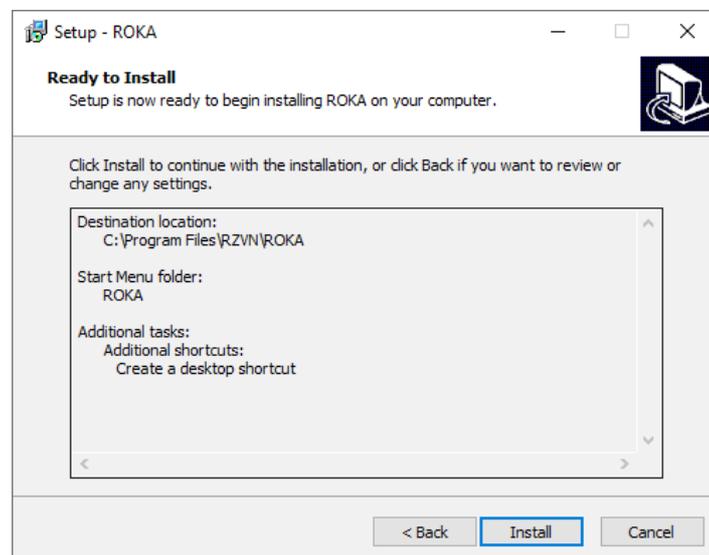

Figure 8: Ready to Install

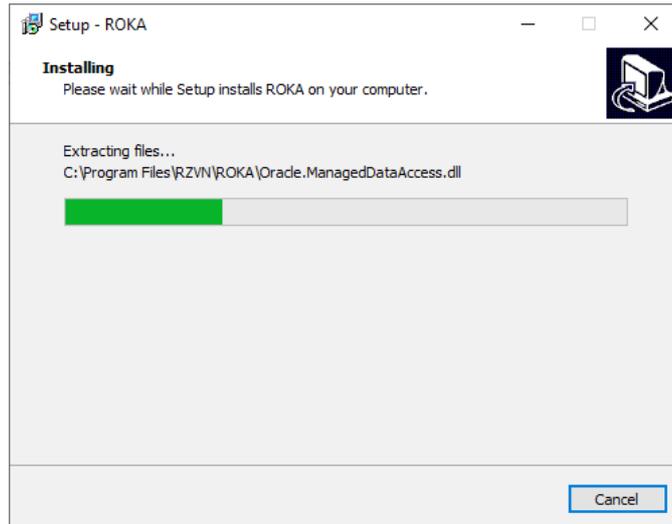Wait for the program to be installed.

Figure 9: Installing

After successful installation it is possible to start ROKA immediately. Press the **Finish** button to close the setup.
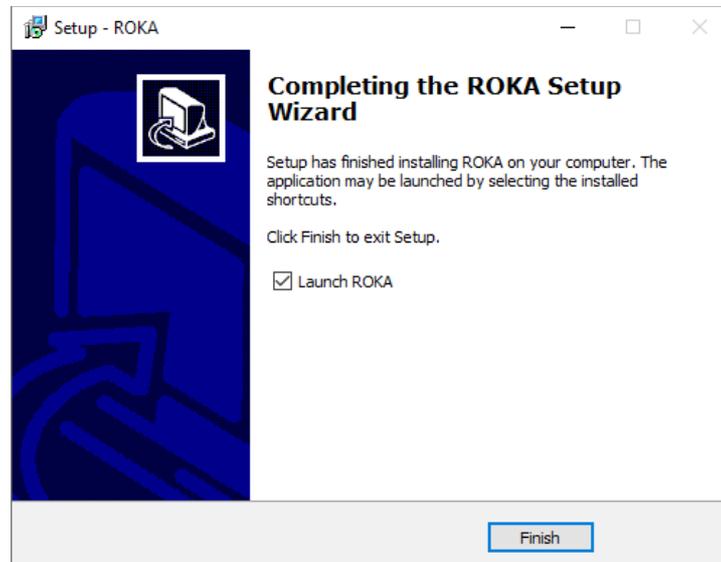

Figure 10: Finish the Setup

Hereby the installation is completed.

2.2 Silent (unattended) installation

As an alternative to the guided installation with queries to the user, the ROKA3 installation

program can also be called "silent" or "unattended". For this purpose, the following parameters are

passed to the installation program:

/verysilent
Neither progress bars nor input windows are displayed.

/supressmsgboxes
No message boxes are displayed. In case of an error, the update is aborted.

/norestart
A restart of the operating system is prevented, even if it is necessary.

Optional:

/log="folder\filename"
A text file with a predefinable file name, which contains detailed information about the installation,
is created in the specified folder. The content of the text file is helpful in finding the reason of an
installation error.

Examples:

To apply a silent (unattended) installation of ROKA, run the following command with administrator

privileges, for example, at a command prompt:

```
C:\temp>"ROKA_v3.x.x.x.Setup.exe" /verysilent /supressmsgboxes /norestart
```

To additionally generate an installation log, add the /log entry to the passing parameters:

```
C:\temp>"ROKA_v3.x.x.x.Setup.exe" /verysilent /supressmsgboxes /norestart
/log="c:\temp\roka3_install_log.txt"
```

2.3 Licensing

To be able to use the ROKA program completely, a license file adapted to your system must be installed. The license request key necessary for the creation of the license file is generated by ROKA.

Start the ROKA program to generate the license request key. If you do not have a valid license file, a corresponding hint appears.
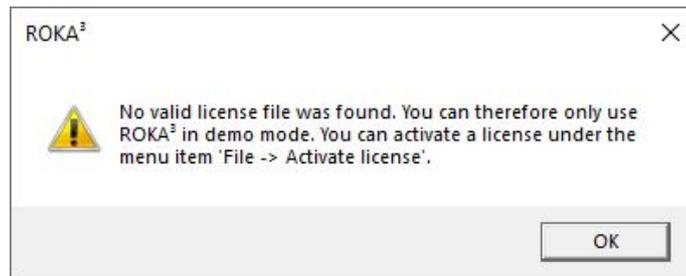

Figure 11: No license found

From the File menu, select the button Activate License. The license activation dialog appears.
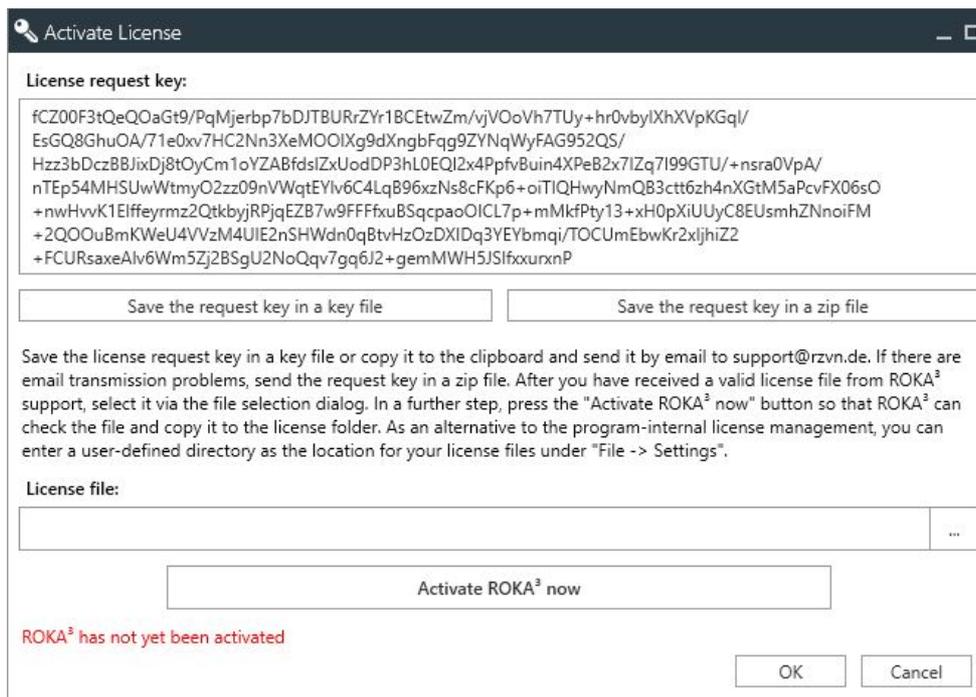

Figure 12: Activate License

Please provide the license request key to the support team for ROKA. To do this, send the request key via E-mail to: support@rzvn.de

Only with the help of this key a license file can be generated for you. You will then receive the license file **roka3.lic** by e-mail or on a storage medium (please specify the desired form of delivery).

Activation options

If you are in possession of a valid license file **roka3.lic**, the license for ROKA can be activated. For activation several options are available, which depend significantly on how ROKA is installed and made available to the users: In case of a classical single-user installation on one or only a few workstations, the program manages the license independently on the local hard disk (option a). If a software distribution to several workstations takes place, the license can be kept for all users on a network drive in a license directory (option b). If these two activation options are not possible, the third option is to store the license in the program directory of ROKA (option c). With all three options the administrator has to take care that the user (and thus the program) has at least read access to the license file.

a) Program independent license storage on local hard disk

To do this, use the file selection button (Figure 12) in the License file line to navigate to the folder with the file roka3.lic and select it. When you click the button **Activate ROKA³ now**, the file content is checked and the license file is copied to the default directory if it is valid. The activation is successful, if the message *ROKA³ has been activated successfully* is displayed in the info line of the license activation dialog. If the activation fails, the message *Error during activation* is displayed. If the license file is read in via the activation dialog, the following rules must be observed:

- Licenses issued to a specific user name (Named-Domainuser License) may only be activated by the user himself.
- Licenses that are bound to a specific machine (Single-Machine License) may be activated by any person.
- Company-wide licenses (Enterprise License) may be activated by any person.

b) License storage in a user-defined location

If required, the license file can also be stored in a user-defined directory (Figure 13). To make this directory known to the ROKA program, select the Program Settings menu item in the File menu. In the line License folder you define either via a directory specification with drive letter (e.g: D:\foldername) or via an UNC path name (e.g: \\servername\foldername) a location where ROKA

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has to search for valid licenses in addition to the local default directory.

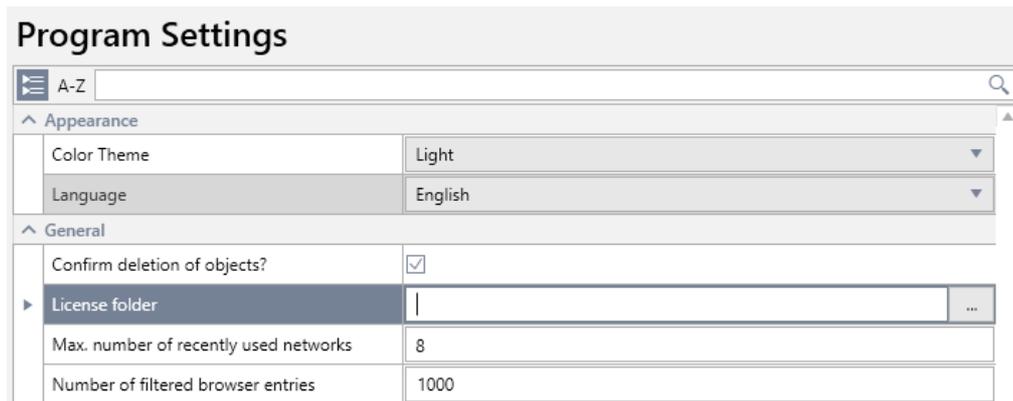Figure 13: User defined license folder

c) License storage in the program directory

The program directory is another location where the program searches for valid licenses. The program directory is the folder where the **Roka3.exe** file is located. For standard installations on a 64-bit operating system the program directory is **C:\Program Files\RZVN\ROKA 3**, for a standard installation on a 32-bit operating system it is **C:\Program Files (x86)\RZVN\ROKA 3**.

For all three options applies: If you want to store multiple license files for ROKA3 in one directory, make sure that the differently named license files all have the file extension *.lic*.

2.4 Integrate a Module (optional)

If you assigned the *Rechenzentrum für Versorgungsnetze Wehr GmbH* to extend the Software ROKA by additional functions, you need to integrate and license the so called "Module". The licensing is automatically done by the extension of the license file during its creation. After activating ROKA (Chapter 2.3), you can see the licensed modules at the bottom of information window.
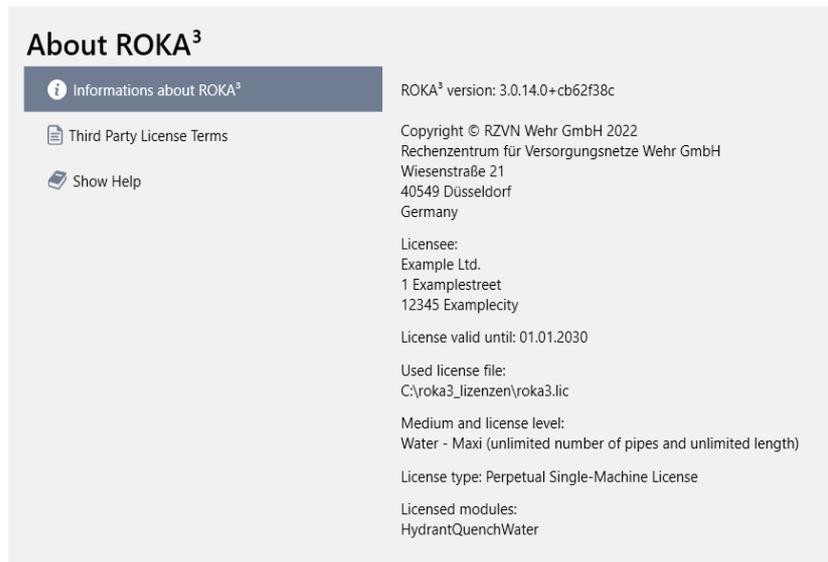

Abbildung 14: Show licensed modules in information window.

If you have a licensed module (filetype *.r3m), you can include it in ROKA. The necessary steps are the following:

1. Start the program as an administrator

To install the module for all users, run the program as administrator. To do so, click on the ROKA symbol on your desktop with your right mouse button, and press **Run as administrator**.
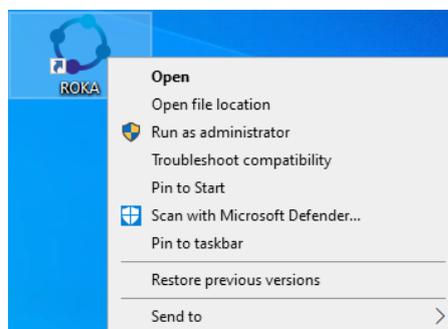

Figure 15: Run as administrator

2. Import Module as an administrator

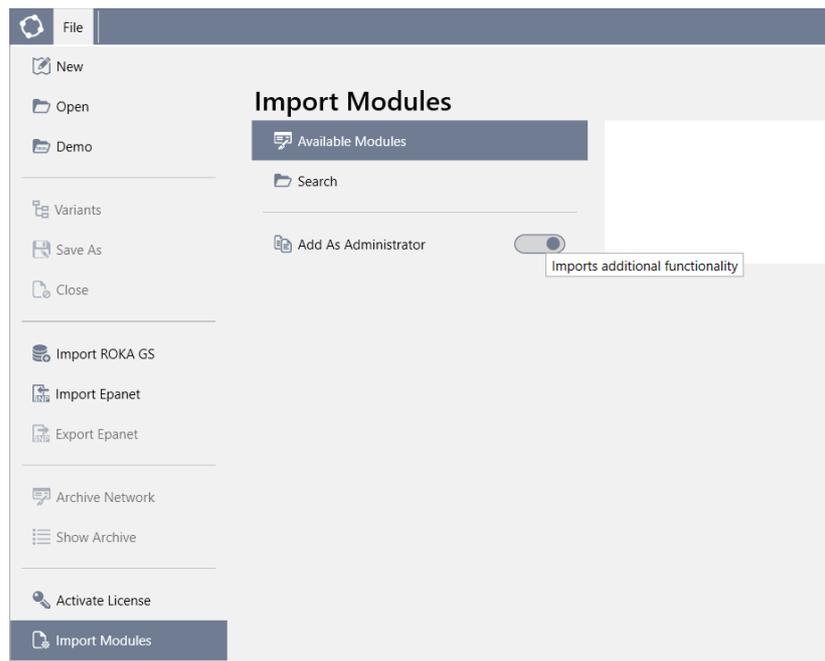Select **Import Modules**, activate the button **Add as Administrator**, and press **Search**.

Abbildung 16: Import a module file as an administrator.

3. Select the module file (*.r3m)

Navigate to the location, in which you saved the module file (*.r3m) previously. Select the file and press **Open**. If the module is contained in a zip-file, you have to unpack it, before you can open the module file.

4. Module display and module location

After a successful import, you can see the module in the ROKA modules section (**"Import Modules"**). The saving location is located in the program installation folder in a subfolder called Modules.
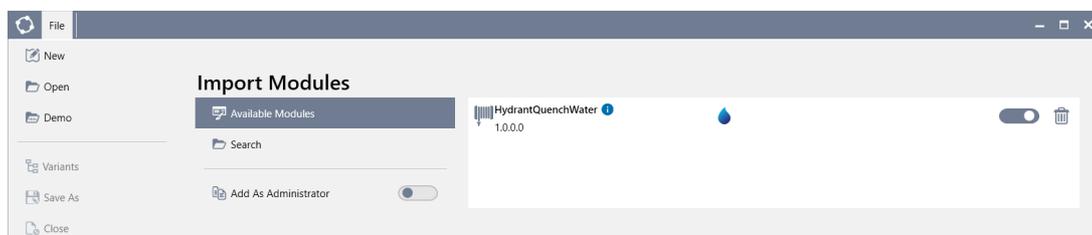
2.5 Configure the Oracle database connection (optional)

With the help of the ROKA program it is possible to transfer network systems of the ROKA GS program system, which are located in an Oracle database (from version 11.1), into the ROKA file format r3w (or r3g, r3f). The execution of the configuration steps described in the following is therefore only necessary if the program system ROKA GS including Oracle Database is installed executable, data stocks (net systems) are in the database and you want to migrate independently network systems from ROKA GS to ROKA.

In order to convert network systems from ROKA GS to the ROKA file format, ROKA must be configured to establish a connection to the Oracle Database of ROKA GS. This connection configuration, which is performed within ROKA, is only possible with administrator rights. Using an established connection can also be done without administrator rights.

Mark the desktop shortcut to the ROKA program with the right mouse button and select **Run as administrator**.
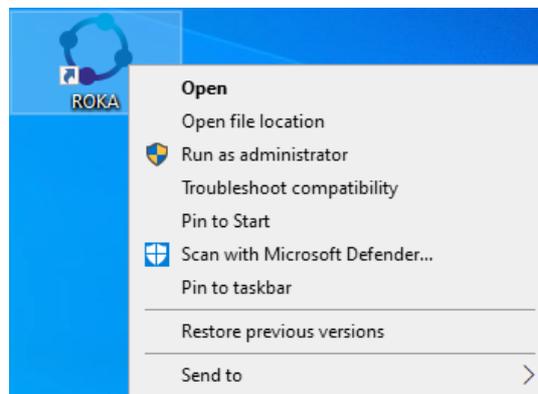

Figure 17: Run as administrator

In the **File** menu, select the **Import ROKA GS network** menu item. The network import dialog appears.
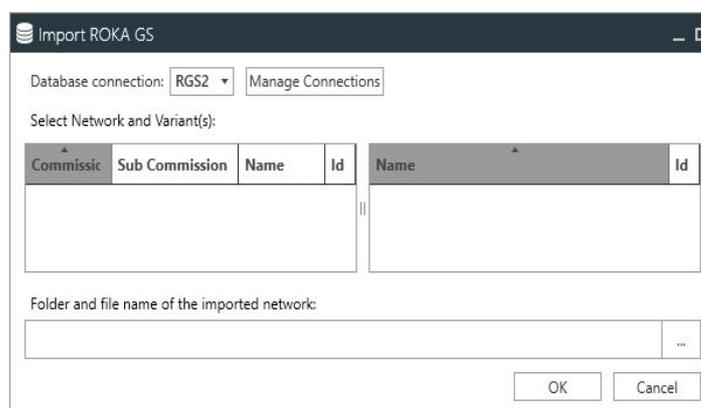

Figure 18: Network import dialog

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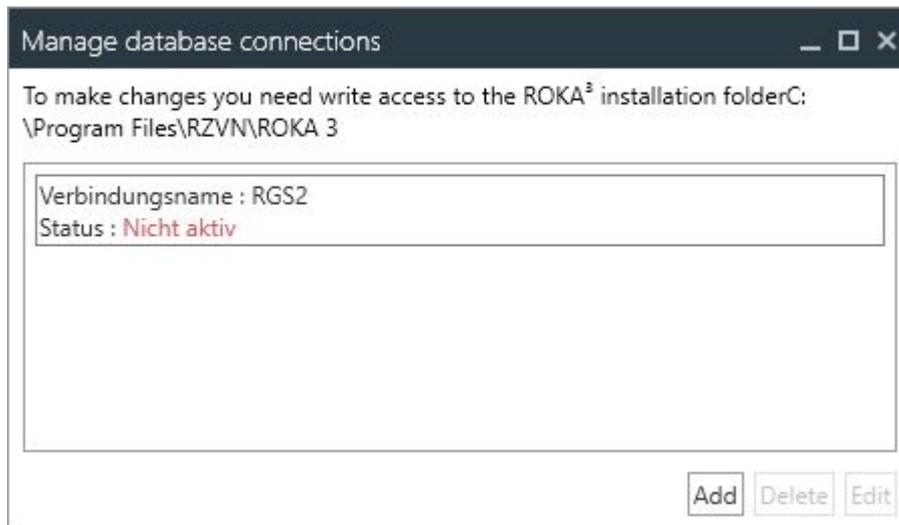Activate the **Manage Connections** button in the network import dialog.

Figure 19: Database connections

If there is a connection with the name RGS2 in the connection list, select it and activate the Edit button. If there is no connection, you can create a new one using the Add button.
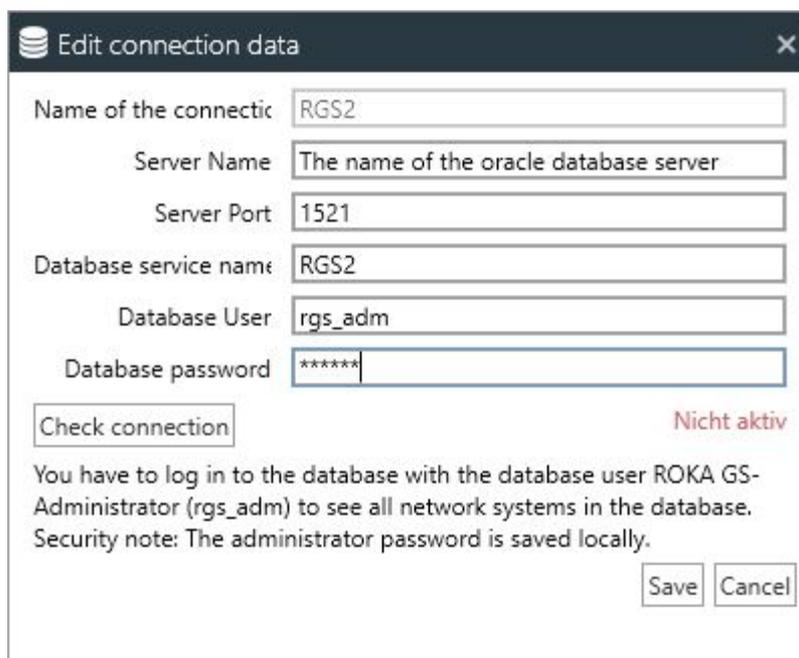

Figure 20: Edit connection

Regardless of whether you create a new connection or edit an existing connection, please fill in all lines in the dialog. Please make sure that you use the database administrator of ROKA GS as user to get the possibility to access all network systems in the Oracle database. The connection data, the user name and the password can be found either in the installation manual for ROKA GS, or

you can get them from your Oracle database administrator.

After entering the connection data, the connection can be tested using the **Check connection** button. If the state Active is displayed, the connection data is saved using the Save button. The connection data are stored in the program directory of ROKA3 in the file connections.config.

If the connection list (Figure 20) is closed with at least one active connection and this active connection is selected in the network import dialog, it shows all network systems that can be migrated.
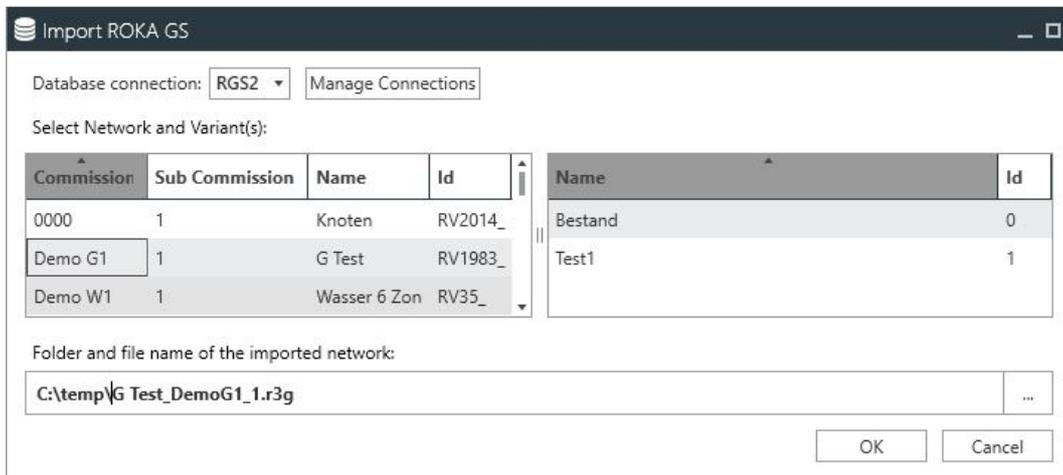

Figure 21: Network import dialog with active connection

3 Update ROKA

The current program version can be downloaded from the download area of the ROKA³ website https://www.roka3.com.

No new license files are required for a program update. New program versions also work with all existing licenses. When updating the program version, it is not necessary to request new license files.

The update replaces the program in the folder that was selected as the program location during the initial installation. Parallel installation of two different program versions on one computer is not provided.

In case of a single-user installation, please perform the update steps on the workstation. In case of a several-user installation, perform the update either on all workstations or on the server, depending on the desired installation type.

3.1 Guided update

Using the explorer, navigate to the directory where you have placed the ROKA installation program, highlight the program with the right mouse button and select **Run as administrator**.
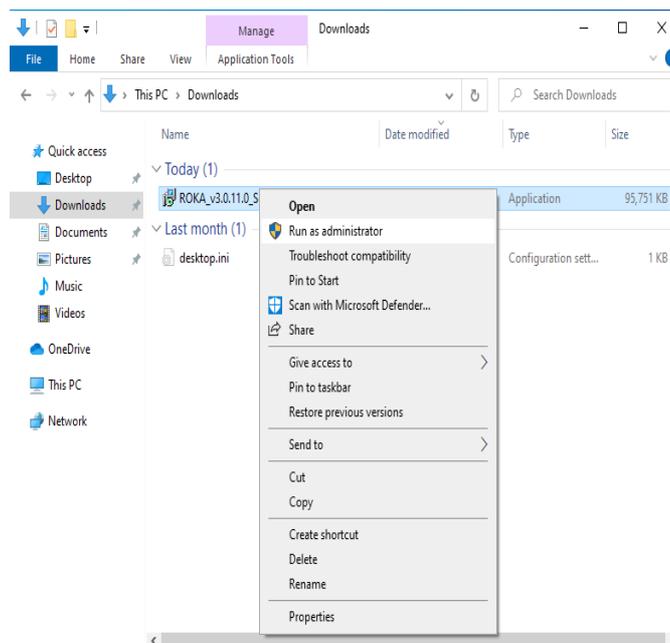

Figure 22: Explorer

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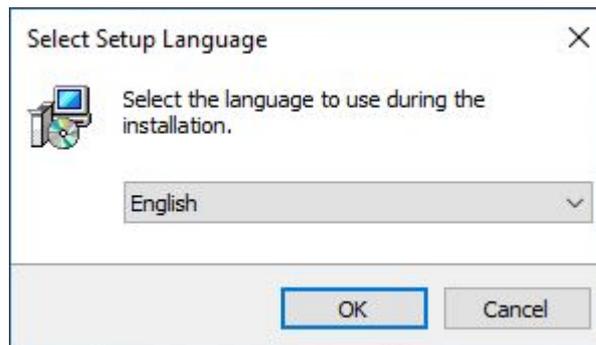Decide on a language to be used for the setup.

Figure23: Select Setup Language

After selecting the installation language, specify the creation of a desktop icon. The desktop icon is a shortcut to the ROKA program, which is created on the public desktop (in the C:\Users\Public\Desktop directory).
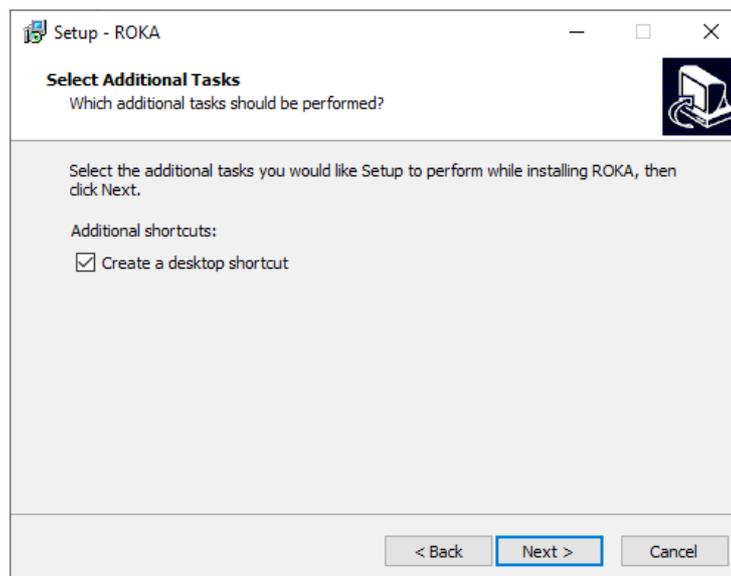

Figure 24: Create Desktop Icon

Before the actual update installation, your defaults will be summarized. In this window, select the **Install** button to start the update.
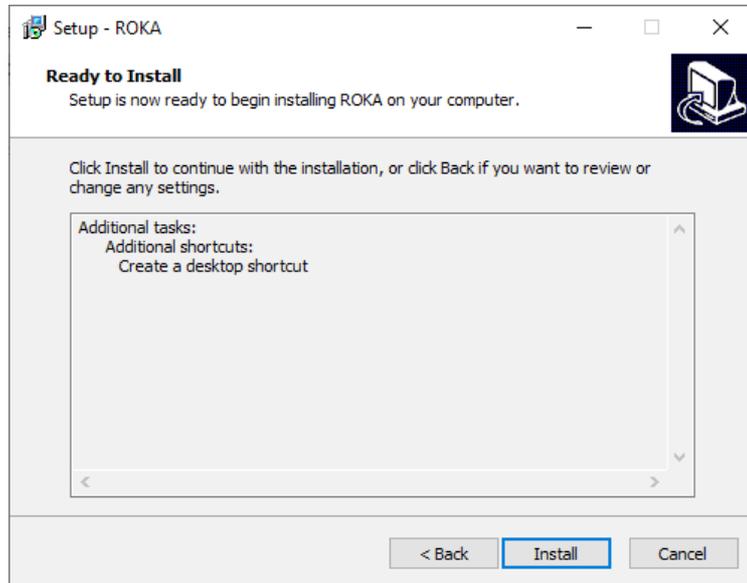
Figure 25: Ready to Install
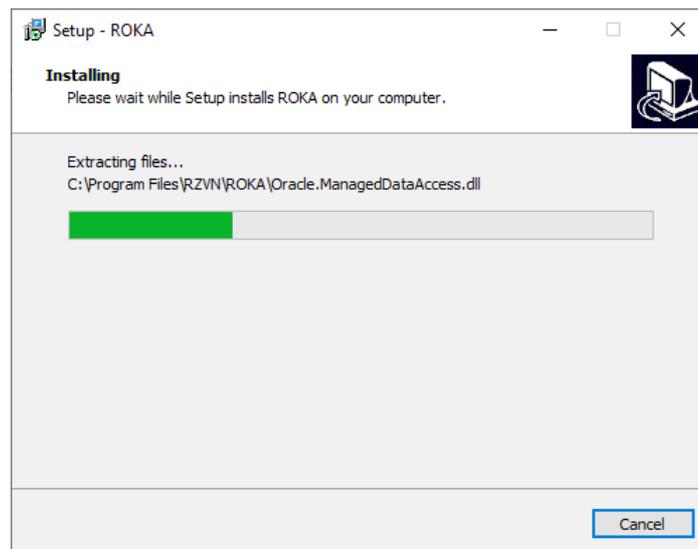
Wait for the program to be installed.

Figure 26: Installing

After a successful installation, it is possible to start ROKA immediately. Press the **Finish** button to close the setup.

Figure 27: Finish the Update without restart

Hereby the update is completed.

3.2 Silent (unattended) update

As an alternative to the guided update with queries to the user, the ROKA installation program can also be called "silent" or "unattended". For this purpose, the following transfer parameters are passed to the installation program:

/verysilent
Neither progress bars nor input windows are displayed.

/supressmsgboxes
No message boxes are displayed. In case of an error, the update is aborted.

/norestart
A restart of the operating system is prevented, even if it is necessary.

Optional:

/log="folder\filename"
A text file with a predefinable file name, which contains detailed information about the installation, is created in the specified folder. The content of the text file is helpful in finding the reason of an installation error.

Examples

To apply a silent (unattended) update of ROKA, run the following command with administrator privileges, for example, at a command prompt:

```
C:\temp>"ROKA_v3.x.x.x.Setup.exe" /verysilent /supressmsgboxes /norestart
```

To additionally generate an installation log, add the /log entry to the passing parameters:

```
C:\temp>"ROKA_v3.x.x.x.Setup.exe" /verysilent /supressmsgboxes /norestart
/log="c:\temp\roka3_install_log.txt"
```

3.3 Update a Module (optional)

If you assigned the *Rechenzentrum für Versorgungsnetze Wehr GmbH* to extend the Software ROKA by additional functions, after an update of the ROKA program these so-called modules must also be updated. Those modules, which are no longer compatible with the updated program version of ROKA, are automatically removed from the program directory during the update of the ROKA program. So the same steps are required for updating the modules as for the first-time integration of the modules into the program. The procedure for the first-time integration of a module is described in chapter 2.4.

4 Uninstall ROKA

For a single-user installation, please perform the following uninstalling steps on the workstation. For a several-user installation, perform the uninstalling either on all workstations or on a server.

4.1 Uninstaller

Navigate to the Windows Control Panel as administrator and start the dialog to uninstall or change a program. Select the ROKA entry from the list and click **Uninstall**.
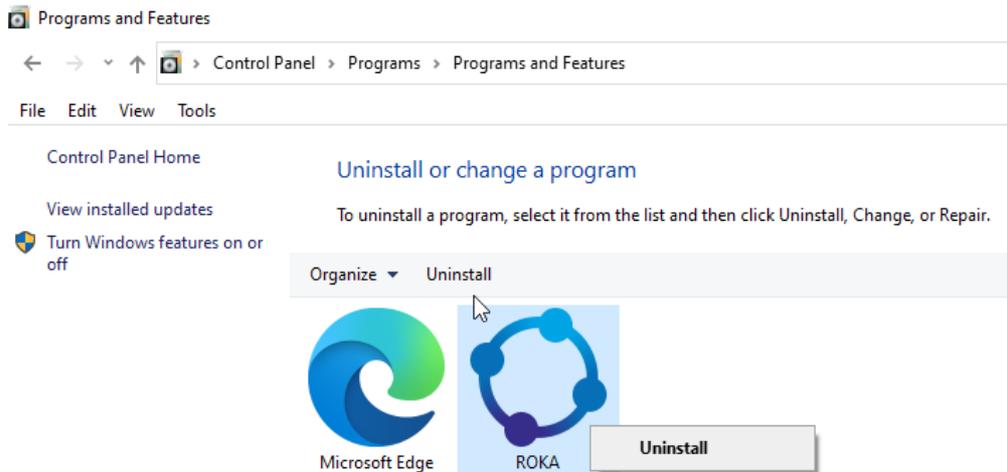

Figure 28: Uninstall

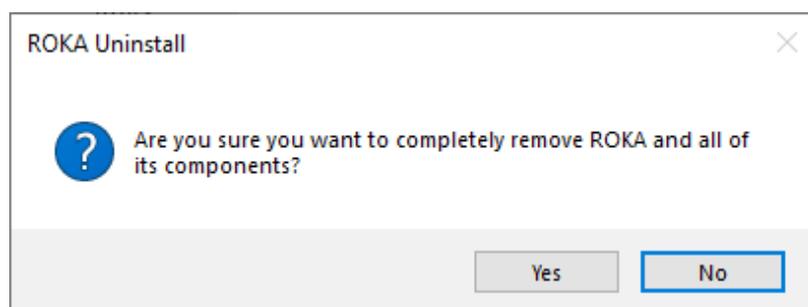Confirm the dialog to remove all components with the **Yes** button.

Figure 29: ROKA Uninstall

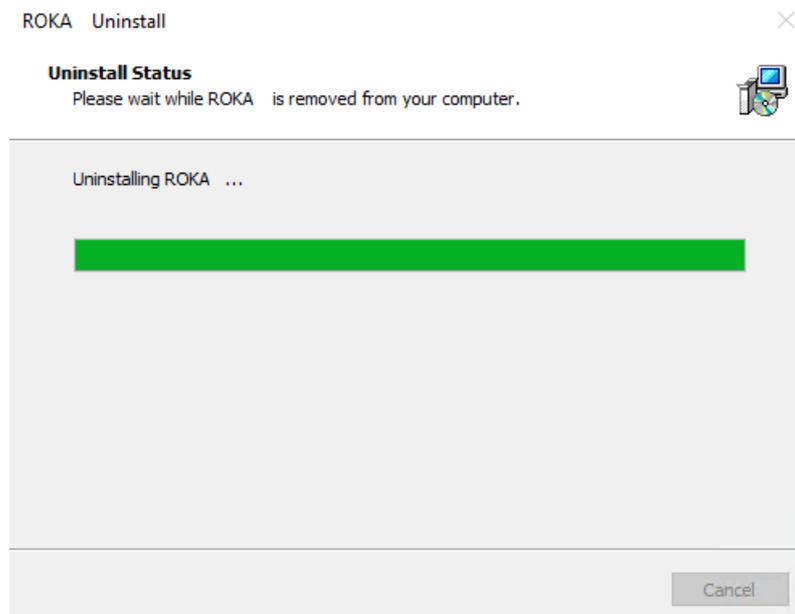Wait for the removal of the program components.

Figure 30: Uninstall Status

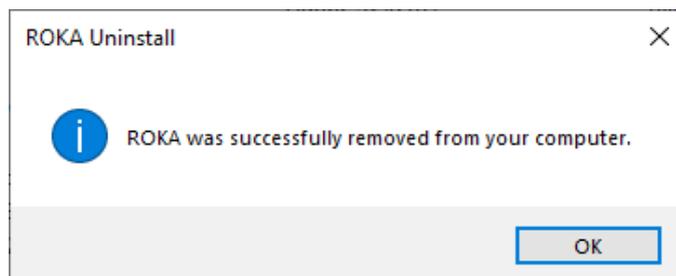Confirm the dialog with the feedback on successful removal with **OK**.

Figure 31: Uninstall successful

If you have stored a license file in the program directory, it will not be automatically deleted. In this case, delete the license file and the remaining program folders manually with administrator rights.