

A wide-angle landscape photograph showing a mountain range with a lake. The mountains are rugged with distinct horizontal rock layers. The sky is filled with dramatic, grey clouds, and the lighting suggests either dawn or dusk. The overall scene is a mix of natural beauty and geological complexity.

**FUGRO**

# GeODin 9.5 Local installation

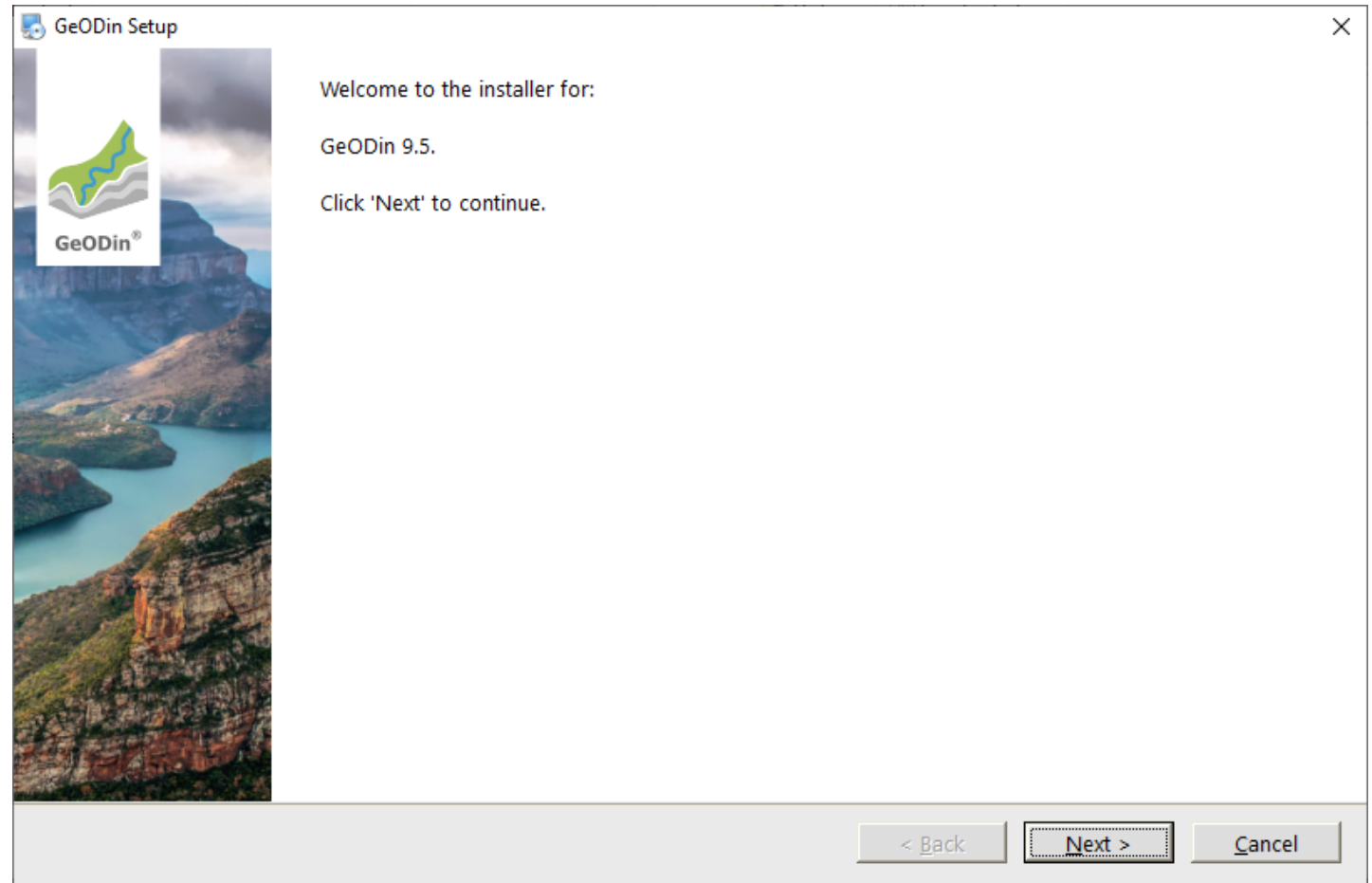


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# Before you start...

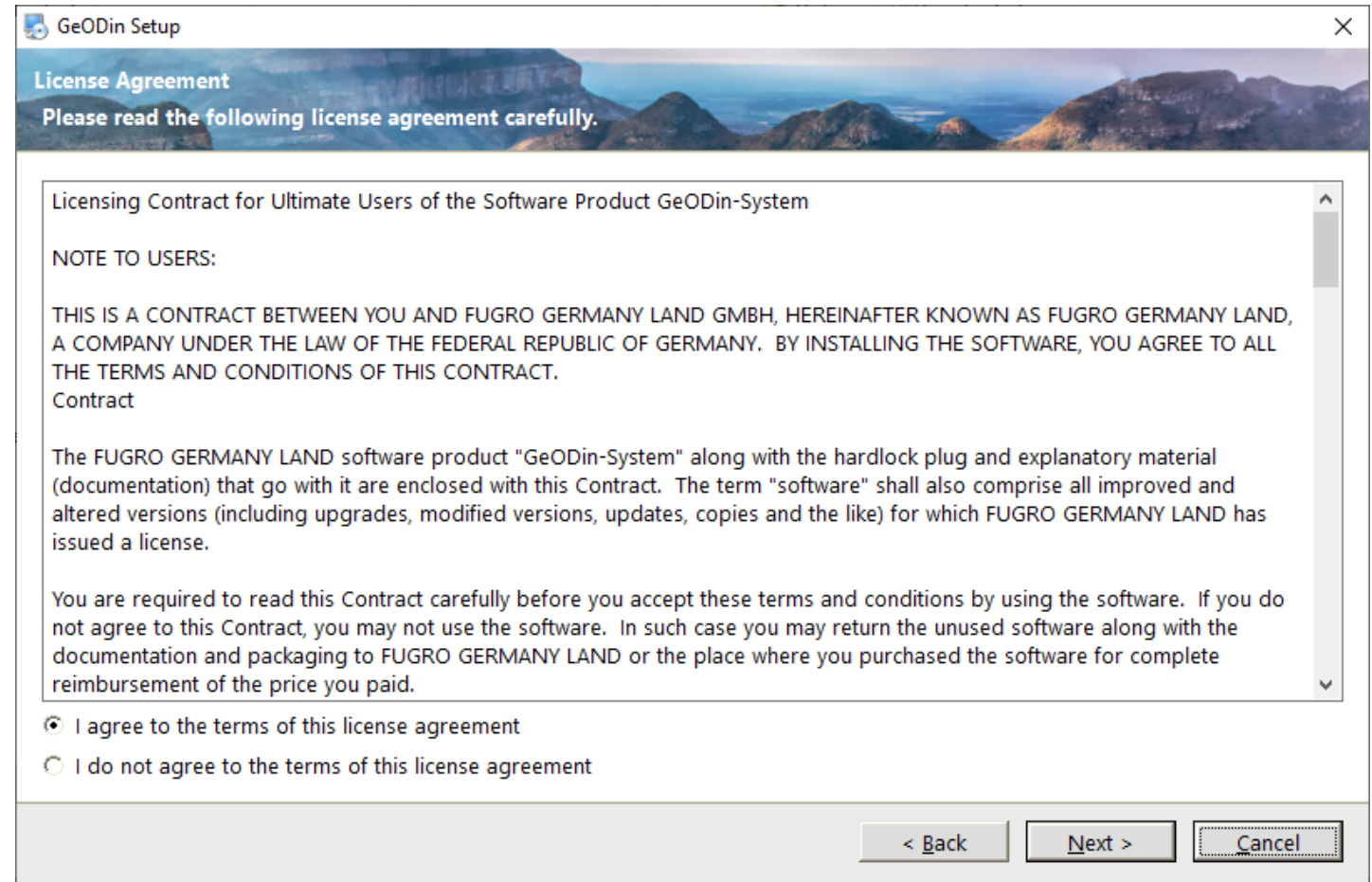
You need a valid GeODin licence serial number to use GeODin. The GeODin support will provide you with this number by e-mail after you have ordered it.

The installation programme is started by double-clicking on the file **GeODin-Setup.exe**. You will find the GeODin-Setup.exe on the GeODin DVD, which you can download from the following link: <http://download.geodin.com/geodin>



# Step 1: Licence agreement

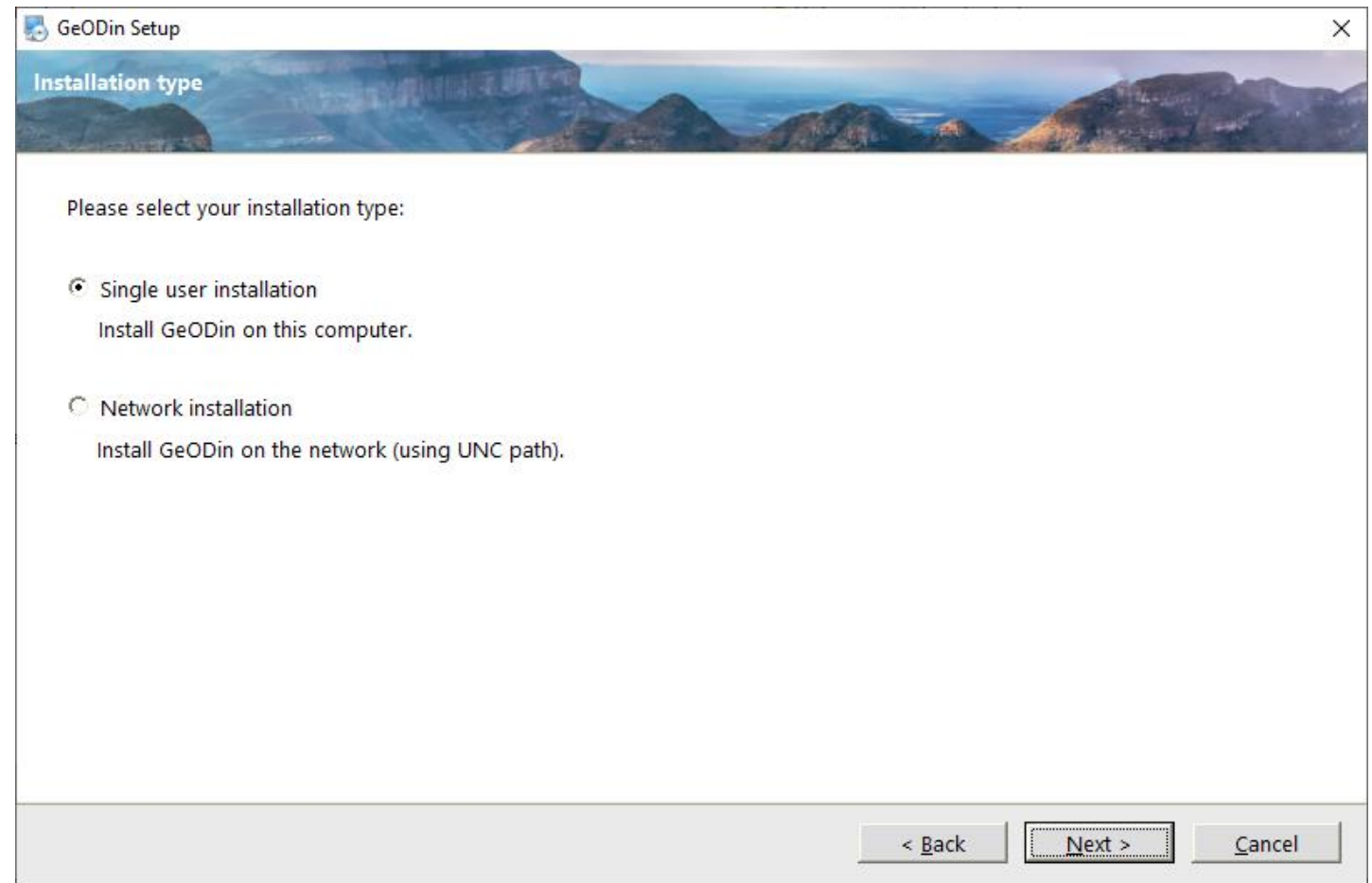
Please read the licence agreement carefully and proceed by accepting it.



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## Step 2: Installation type

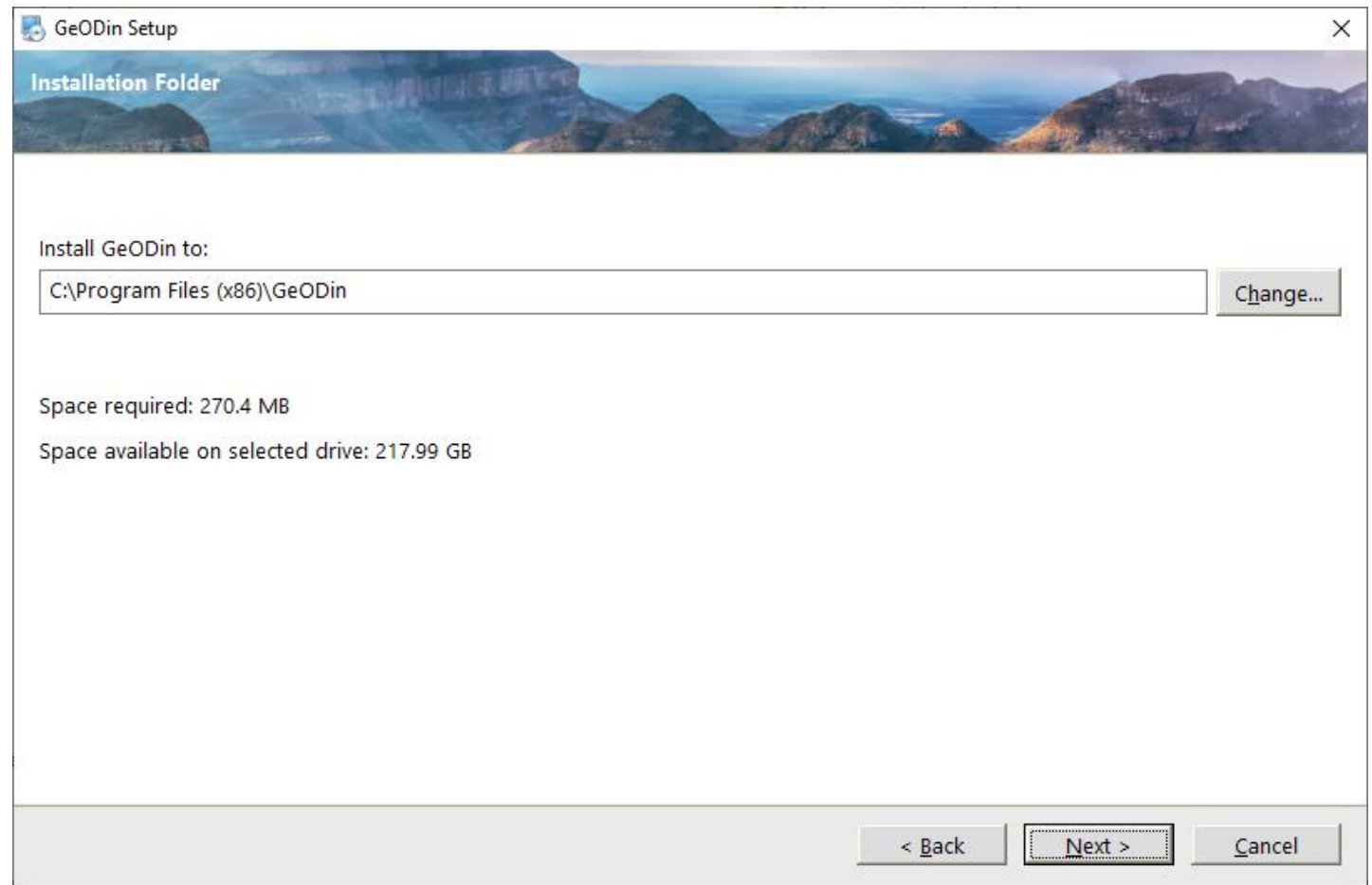
Select - **Local installation** - to install GeODin locally on your computer or - **Network installation** - if you want to install GeODin centrally on a network drive for multi-user access. Please follow the steps in the separate instructions "GeODin 9.5 Network installation" for the network installation of GeODin.



## Step 3: Installation path

Specify in which folder you want to install GeODin.

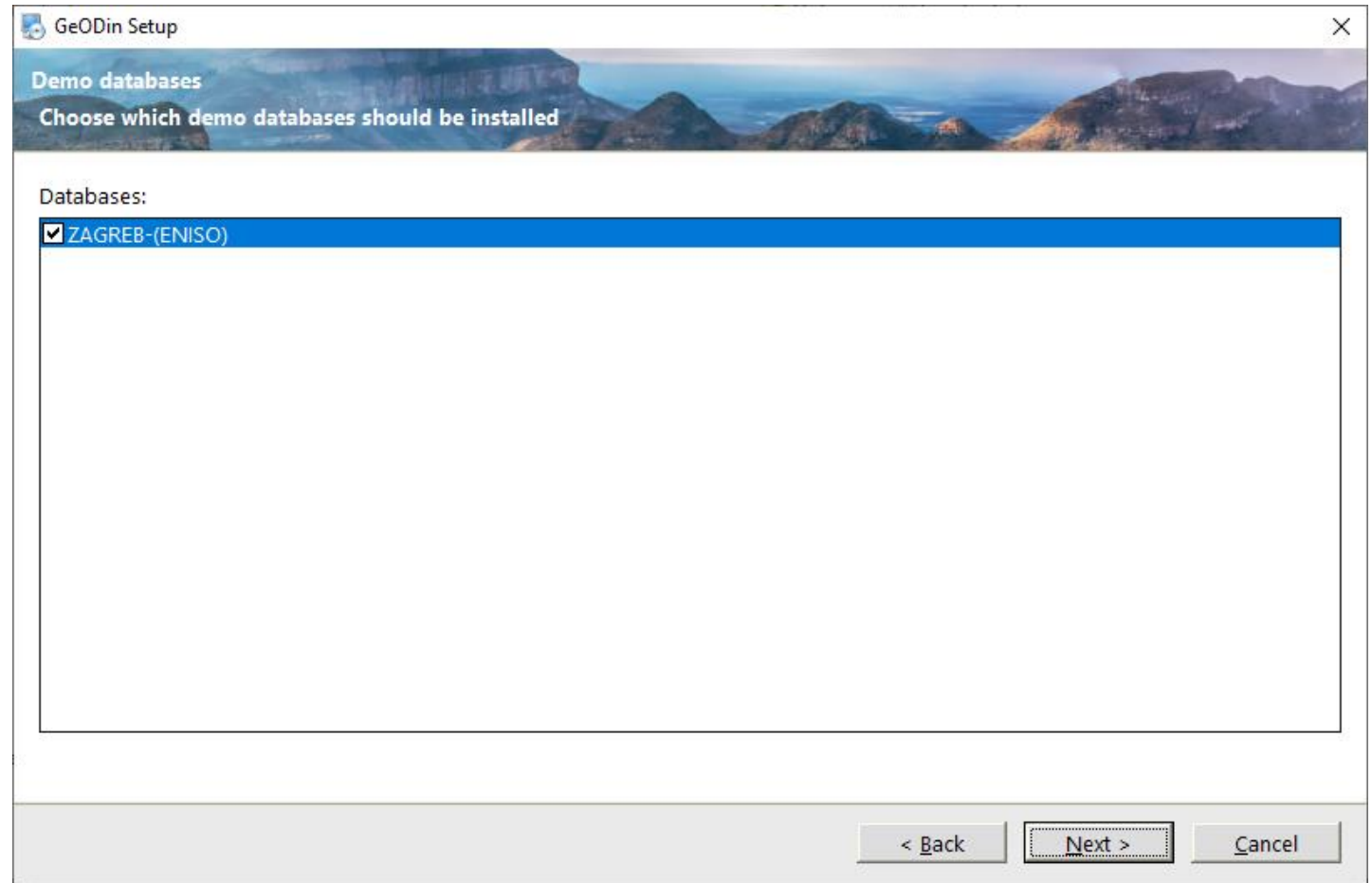
All directories to which the user needs write access while working with GeODin (e.g. layout directories, system libraries) are automatically stored in the directory *C:\ProgramData\Fugro*. This ensures that these folders are not stored in the *C:\Program Files* directory, for which write access has been prohibited for users without administrator rights since the Windows Vista® version.



## Step 4: Demo databases

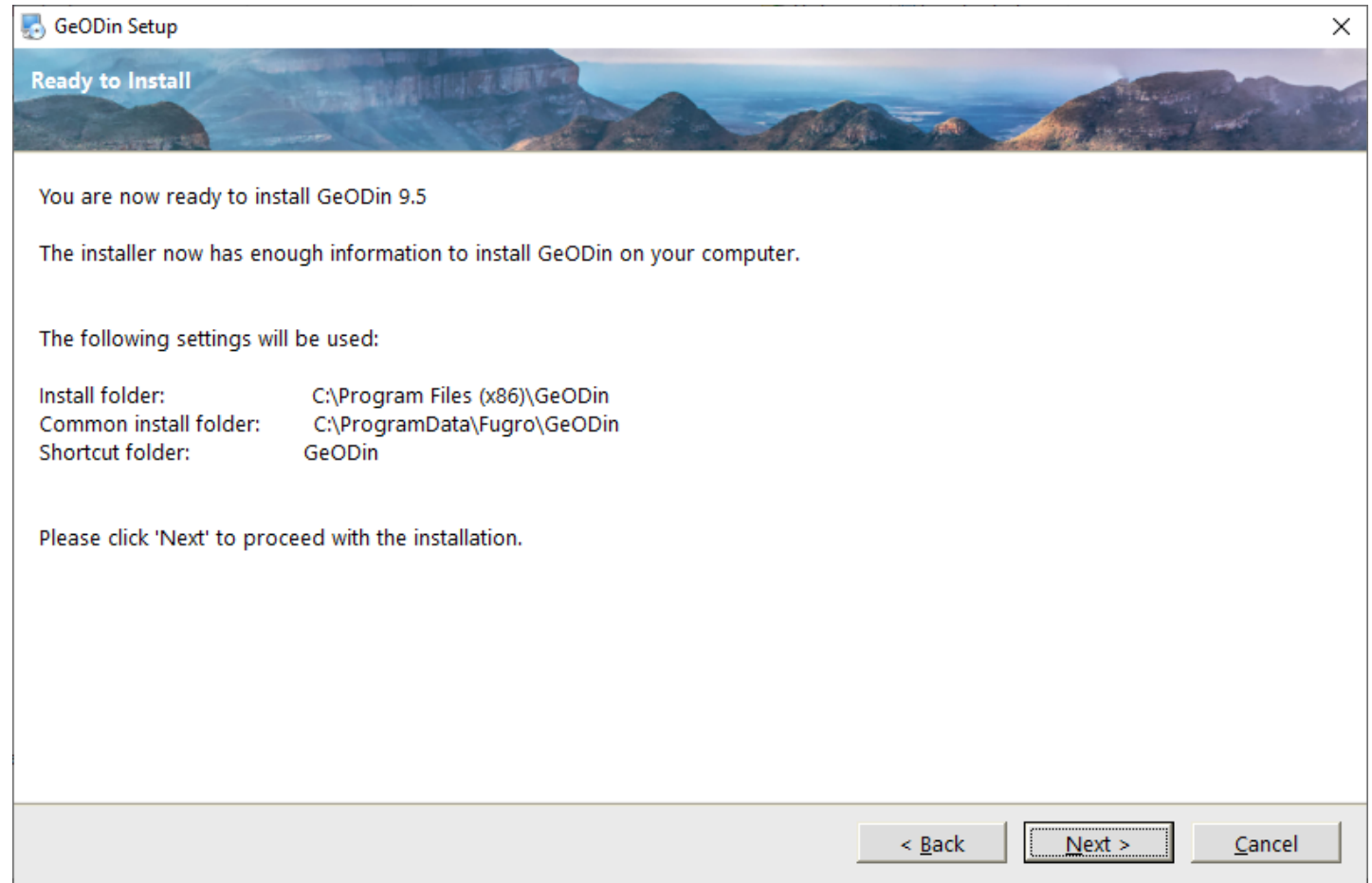
During the installation you can integrate different demo databases in GeODin. To do this, place a tick at the desired position(s).

Integrating demo databases in GeODin is also possible after the installation. Demo databases are available for download under the following link:  
<http://download.geodin.com/demodb>



# Step 5: Install GeODin

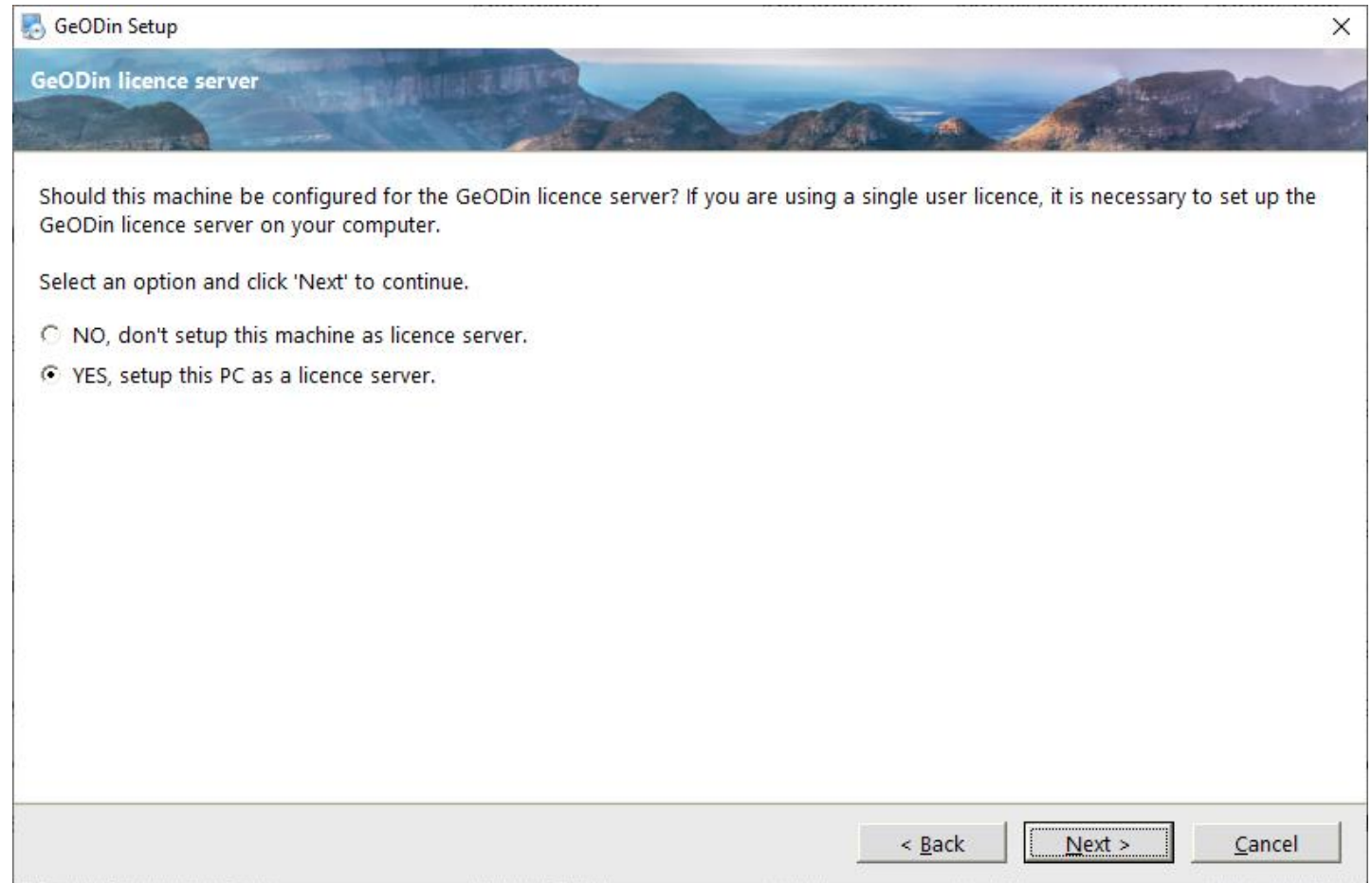
Here you can check the previously defined installation settings. Confirm with <Next> to install the programme files. This process may take a few minutes.



# Step 6: Installing the licence service

For the licensing of GeODin it is necessary to install the GeODin licence service locally on your PC (single user licence) or in a network on a server (network licence). Select the option - **Yes, setup this PC as a licence server.** - and confirm with <Next>.

You will find an explanation of the GeODin licensing system on the next page.





# GeODin licensing system

**Activation server:**

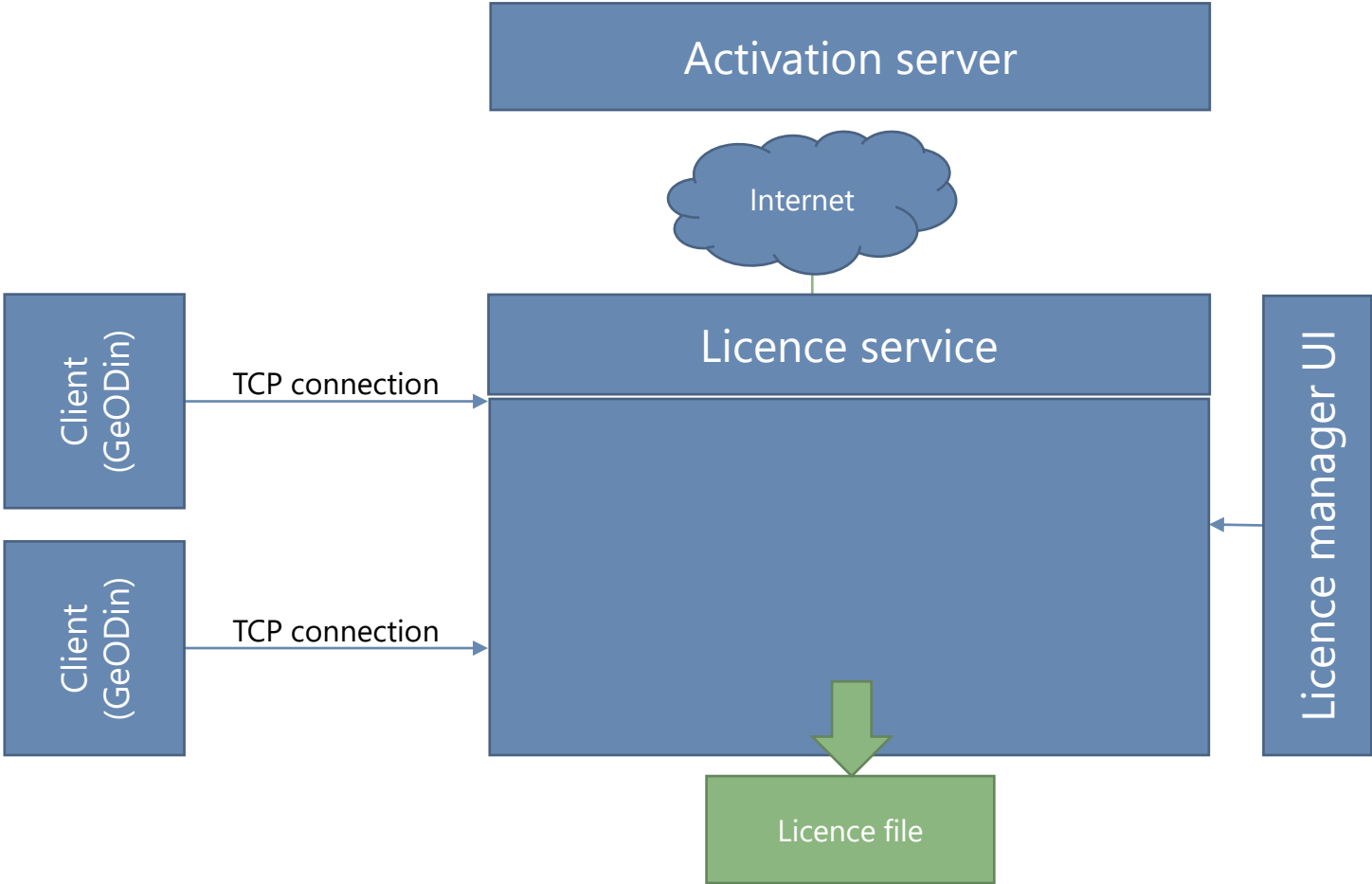
Fugro provides you with your new or updated licences via our activation server.

**Licence service:**

The licence service is installed locally (single user licence) or in a network on a server (network licence) as a service and receives the licence requests from GeODin.

**Licence manager:**

You can administer your GeODin licences via the licence manager (web app of the licence service). This includes the activation and update of your GeODin licences as well as a display of active users.

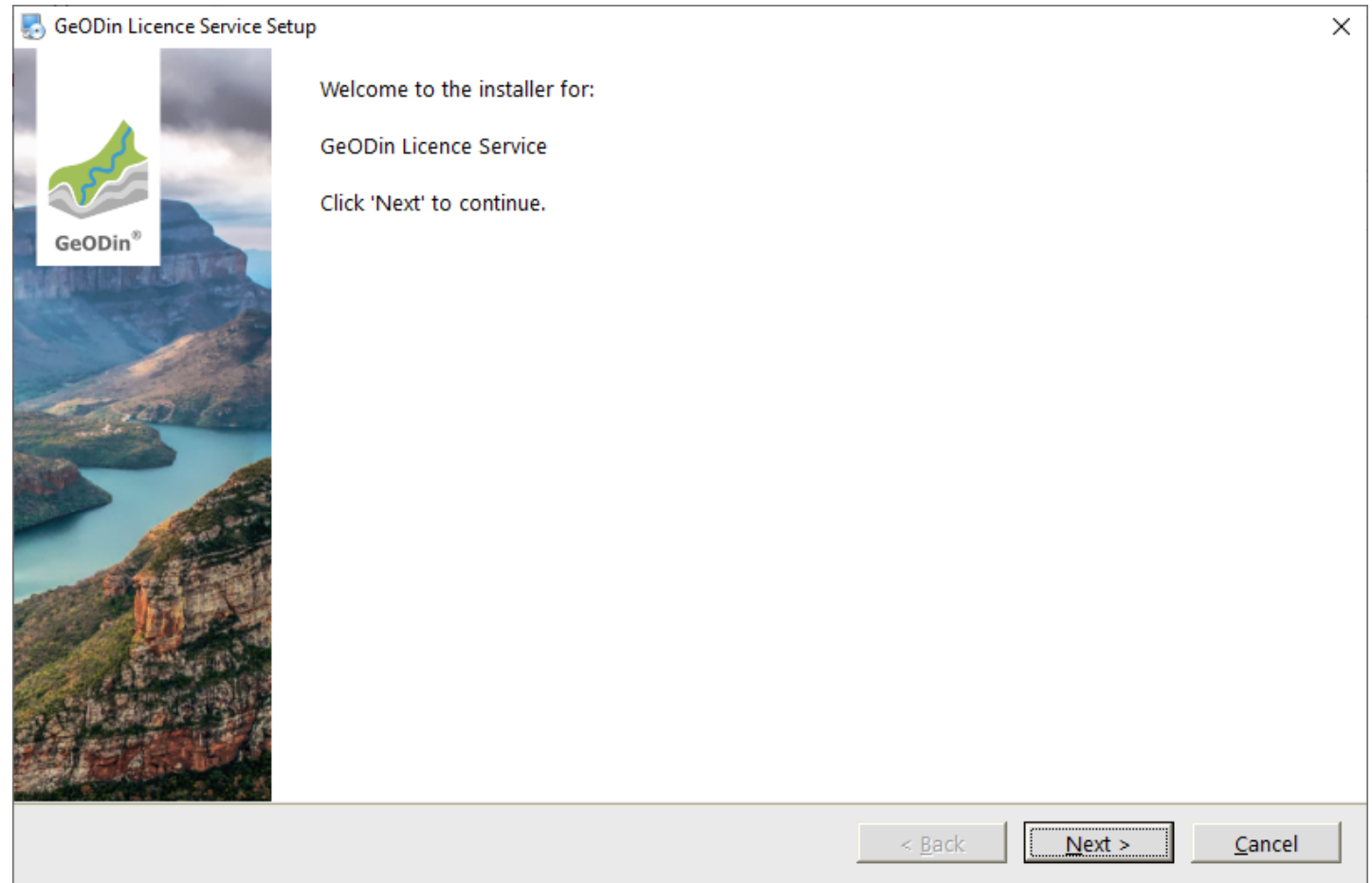


# Step 7: General information & requirements

The GeODin licence service is installed as a service without a graphical user interface using the **LicenceServerRegistration.exe**. The installation is automatically started via the GeODin setup if the corresponding option is selected in **step 6**. Otherwise, the licence service can be installed later using the [LicenceServerRegistration.exe](#).

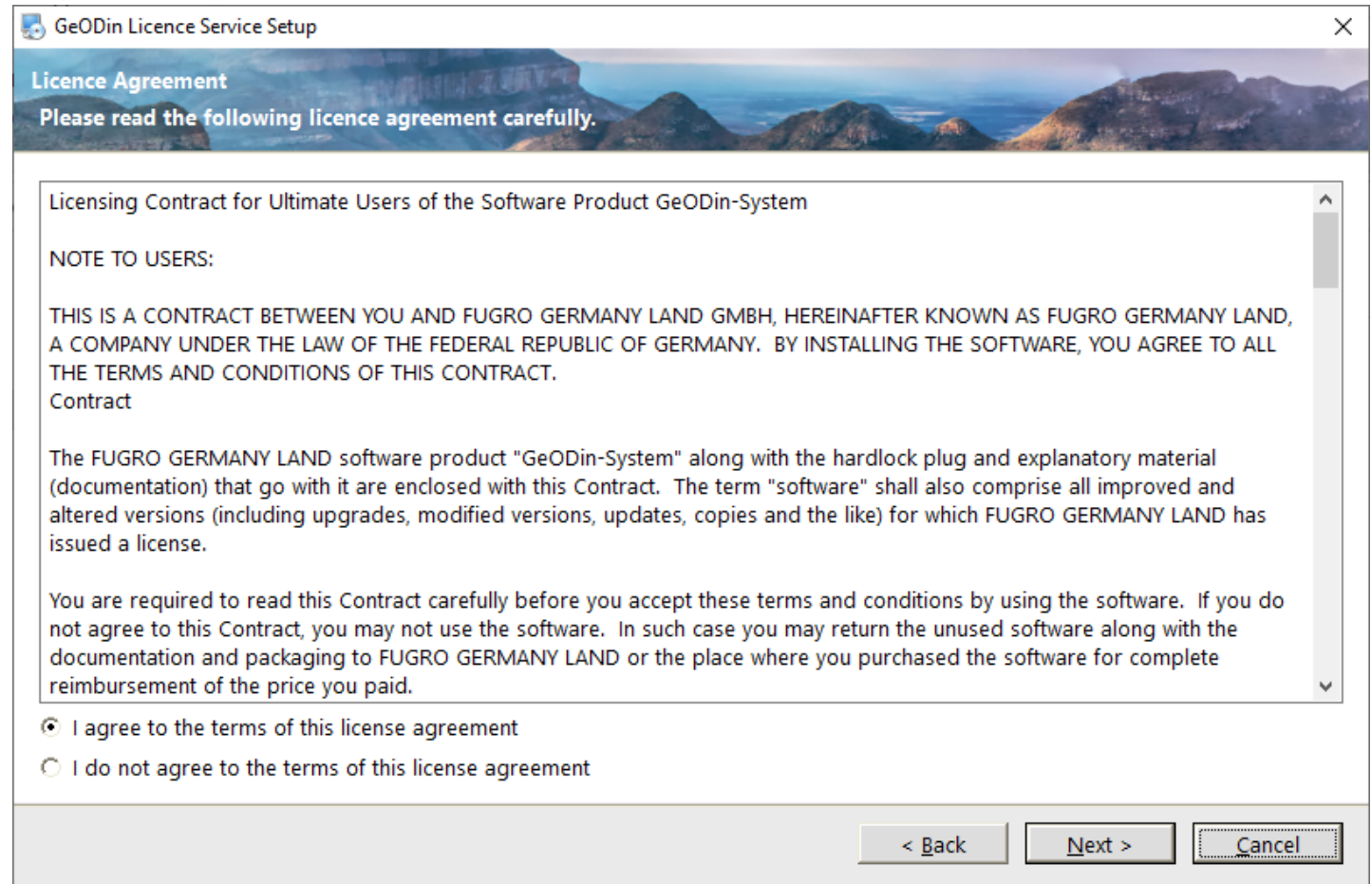
***Note for single-user licences:***

***Please note that a virtualisation of the clients and the licence server is not possible for single-user licences.***



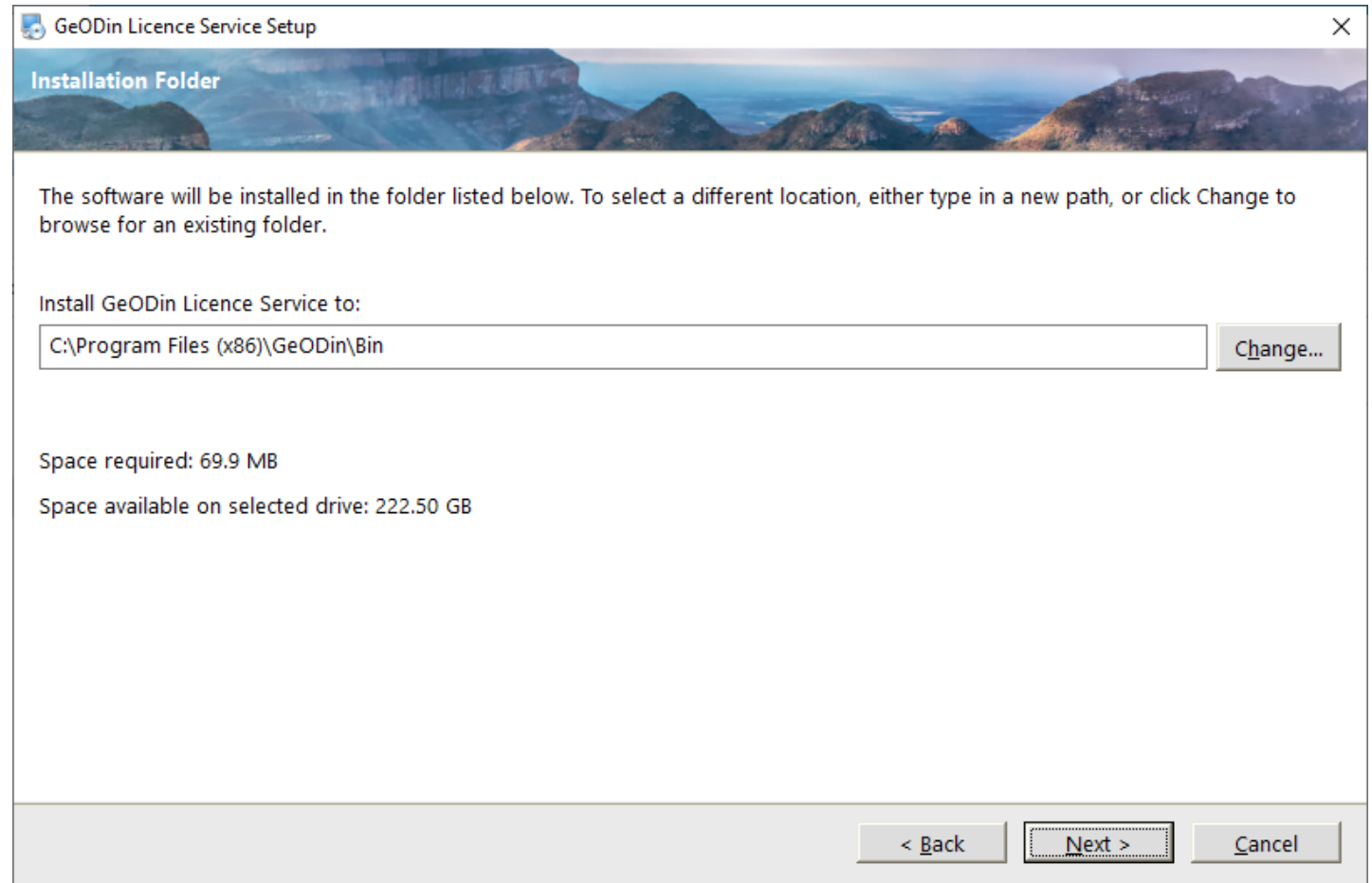
# Step 8: Licence agreement

Please read the licence agreement carefully and proceed by accepting it.



# Step 9: Installation path

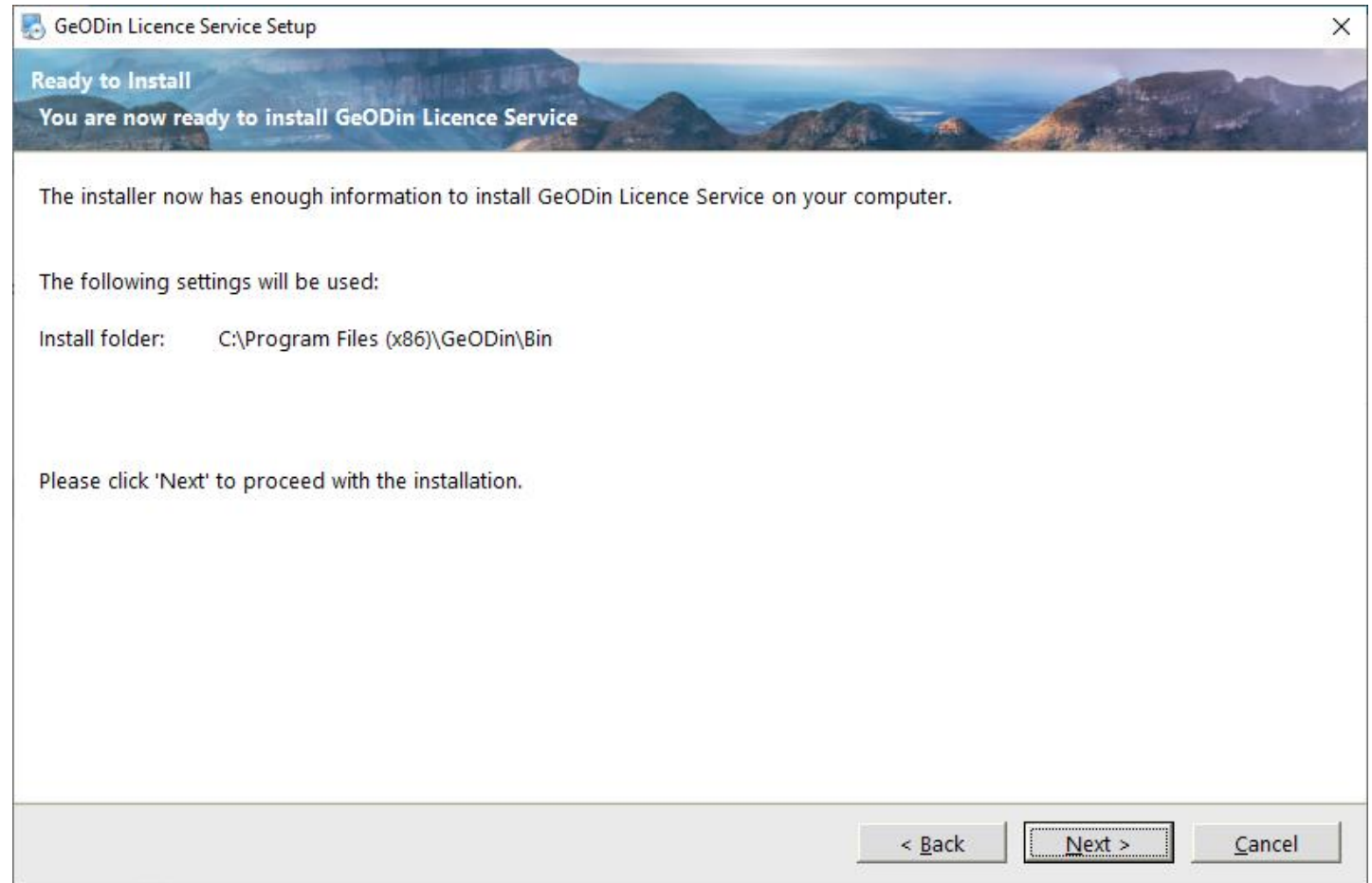
Specify in which folder you want to install the GeODin licence service.





# Step 10: Installing the licence service

After viewing the previously defined installation settings, which you confirm with <Next>, the ports for the GeODin licence service can be configured.

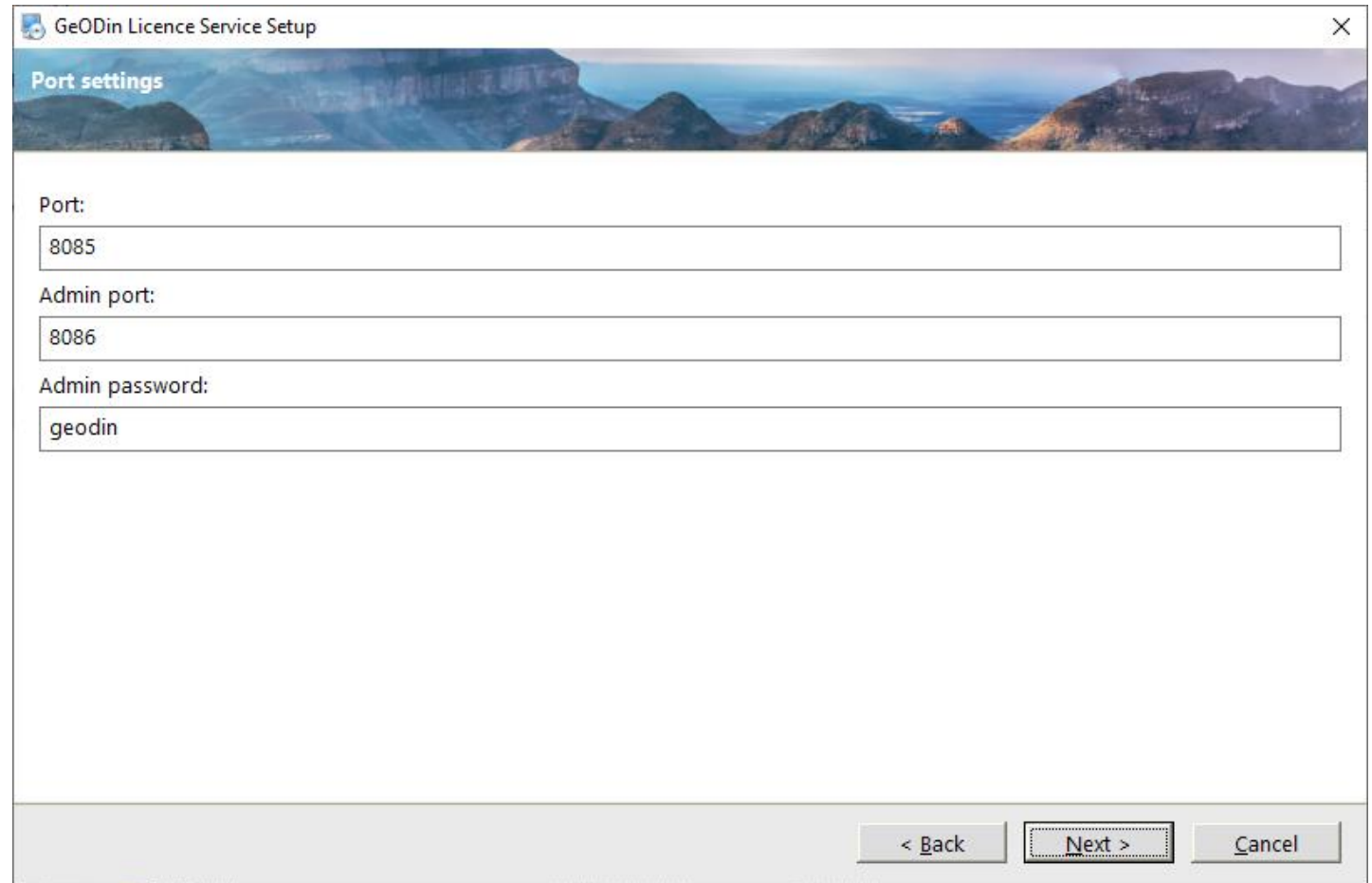


# Step 11: Port settings

In this step you can configure the ports for the GeODin licence service. The default settings are shown in the screenshot.

Licence requests from GeODin are received by the licence service via **port 8085/TCP**. The licence service establishes a HTTP connection to the licence manager via **admin port 8086**. With the help of the licence manager, licences can be administered, activated and updated via a web interface. The **admin password** is used to log in to the licence manager.

These settings are saved in the file **GeODinLicenseServer.ini** in the selected installation path (see [step 9](#)) and can be adjusted there afterwards if necessary.



The screenshot shows a Windows-style dialog box titled "GeODin Licence Service Setup" with a close button (X) in the top right corner. The dialog has a header bar with a landscape image and the text "Port settings". Below the header, there are three input fields:

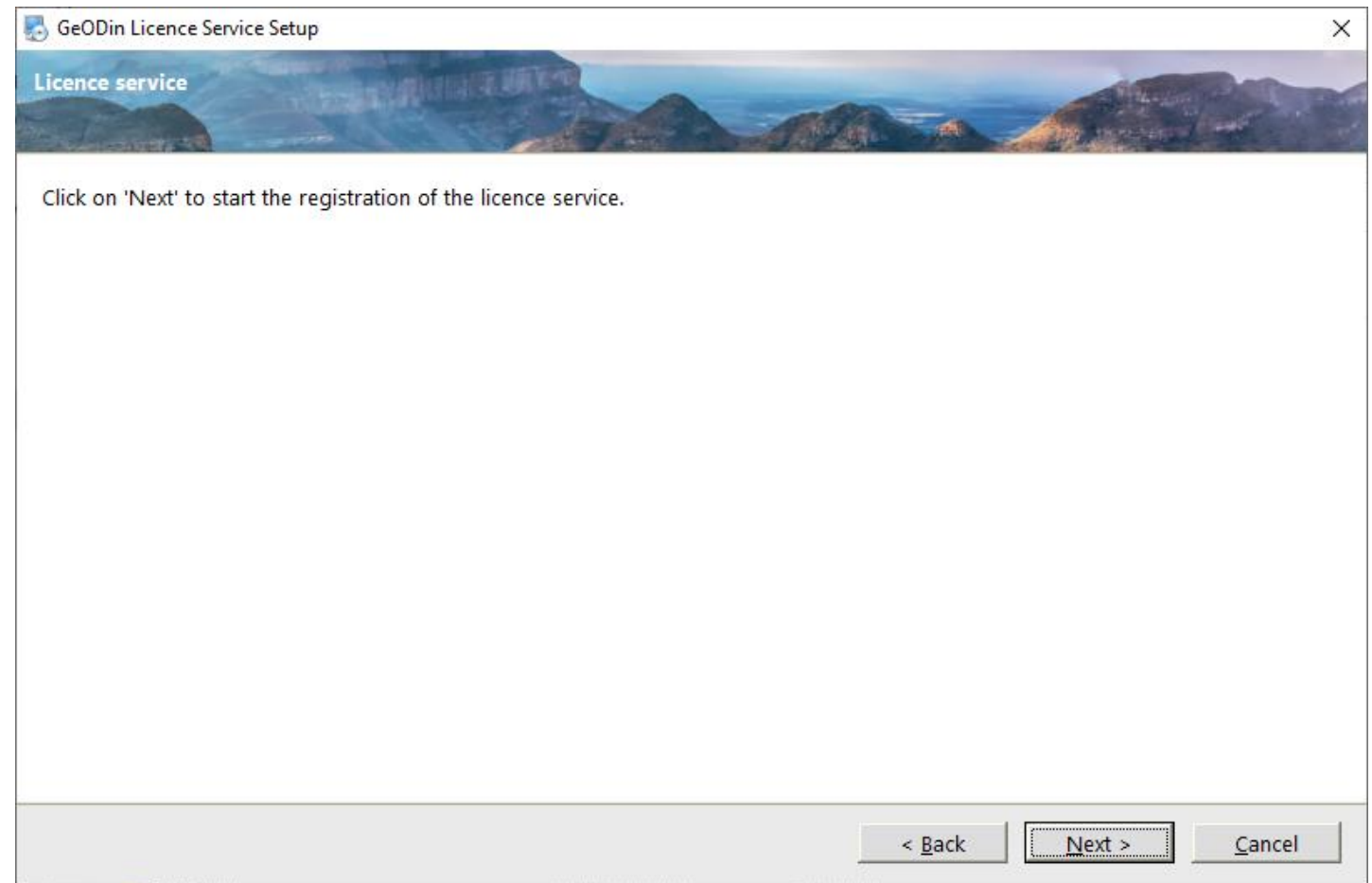
- Port:** A text box containing the value "8085".
- Admin port:** A text box containing the value "8086".
- Admin password:** A text box containing the value "geodin".

At the bottom of the dialog, there are three buttons: "< Back", "Next >" (which is highlighted with a dashed border), and "Cancel".

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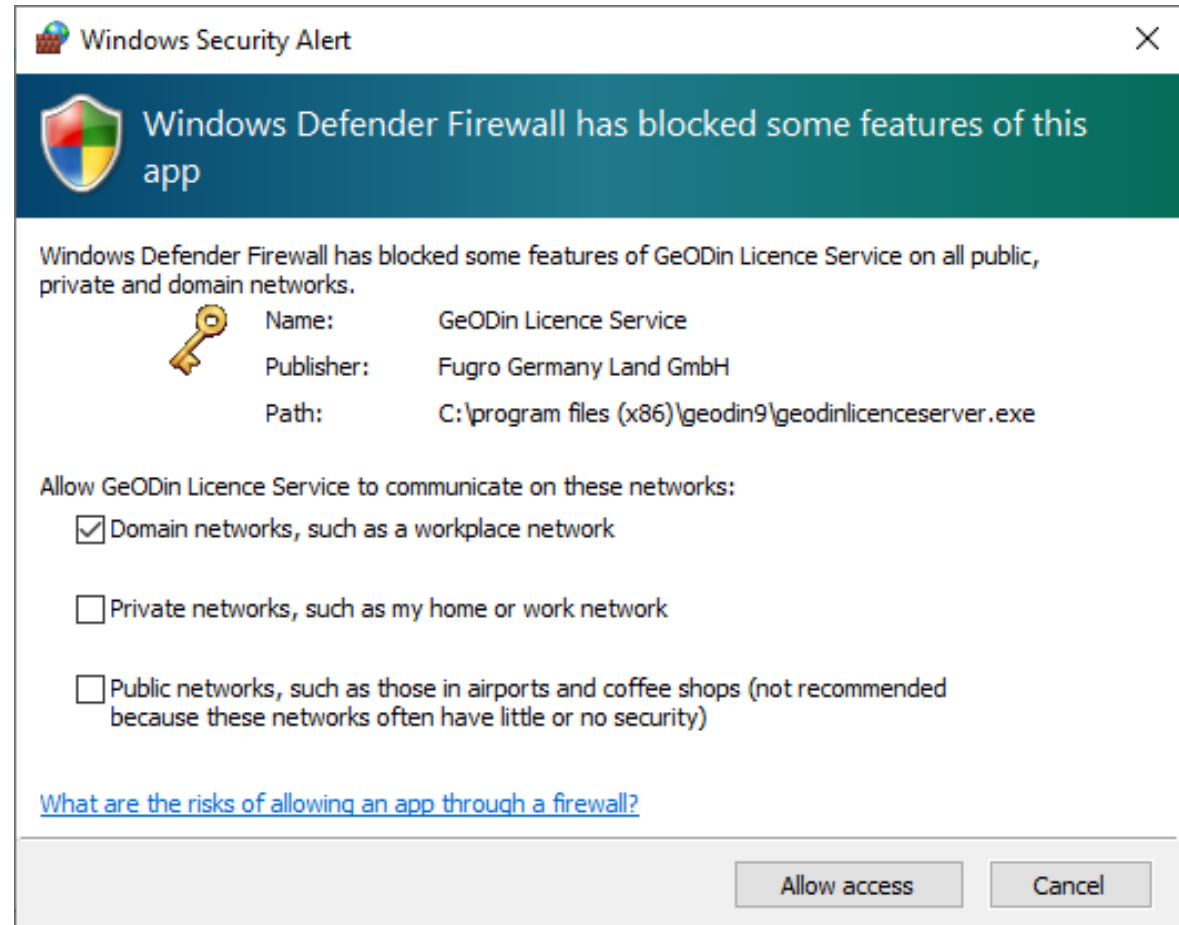
# Step 12: Registration

Click <Next> to register the GeODin licence service in the previously selected directory.



# Step 13: Registration (Firewall)

To activate the licence, a one-time connection must be established between your local licence service and the GeODin activation server (activate.geodin.com, port: 443). Enable the Windows firewall to allow this connection.

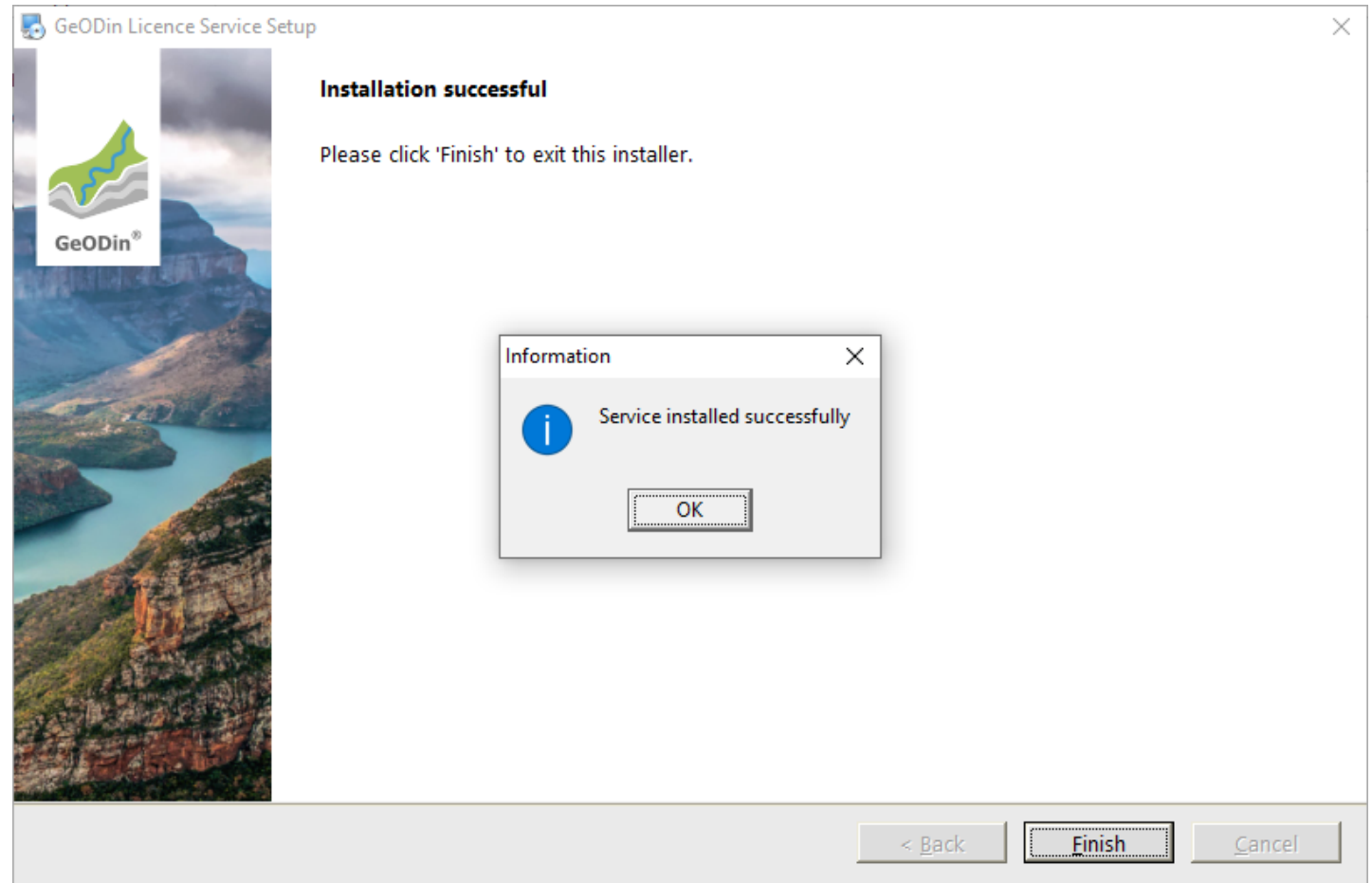




# Step 14: Installation successful

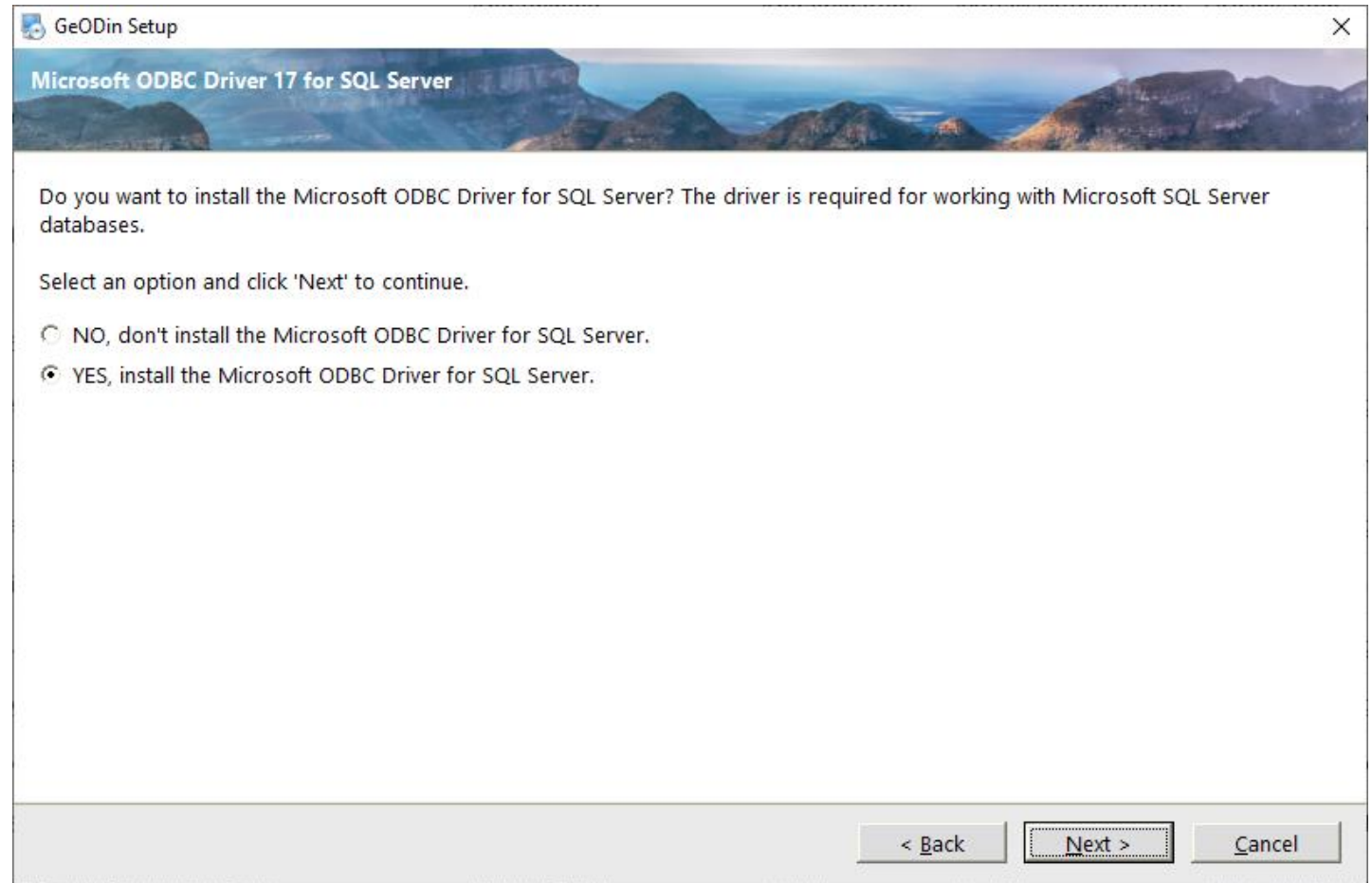
If the GeODin licence service has been installed successfully, you will receive a corresponding confirmation message.

To exit the licence service setup and return to the GeODin setup, click <Finish>.



# Step 15: Microsoft ODBC driver installation (optional)

For working with Microsoft SQL Server databases, the installation of the corresponding ODBC drivers is required. Select the option - **Yes, install the Microsoft ODBC Driver for SQL Server.** - if you want to use Microsoft SQL Server databases in GeODin on the device in question. Otherwise, choose the first option. Confirm your selection with <Next>.

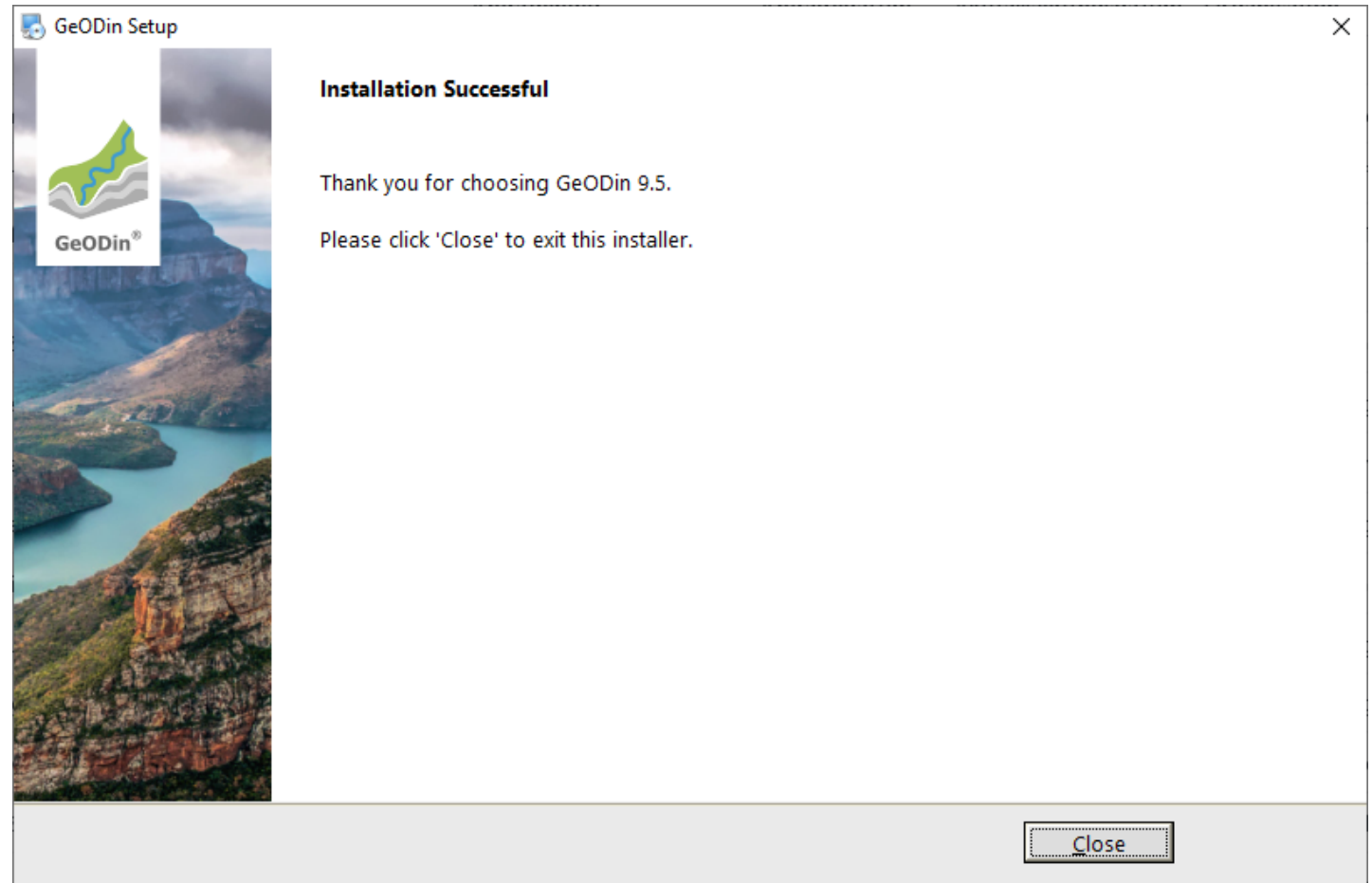


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# Step 16: Installation successful

If GeODin has been successfully installed, you will receive a corresponding confirmation message. Click on <Close> to exit the setup.

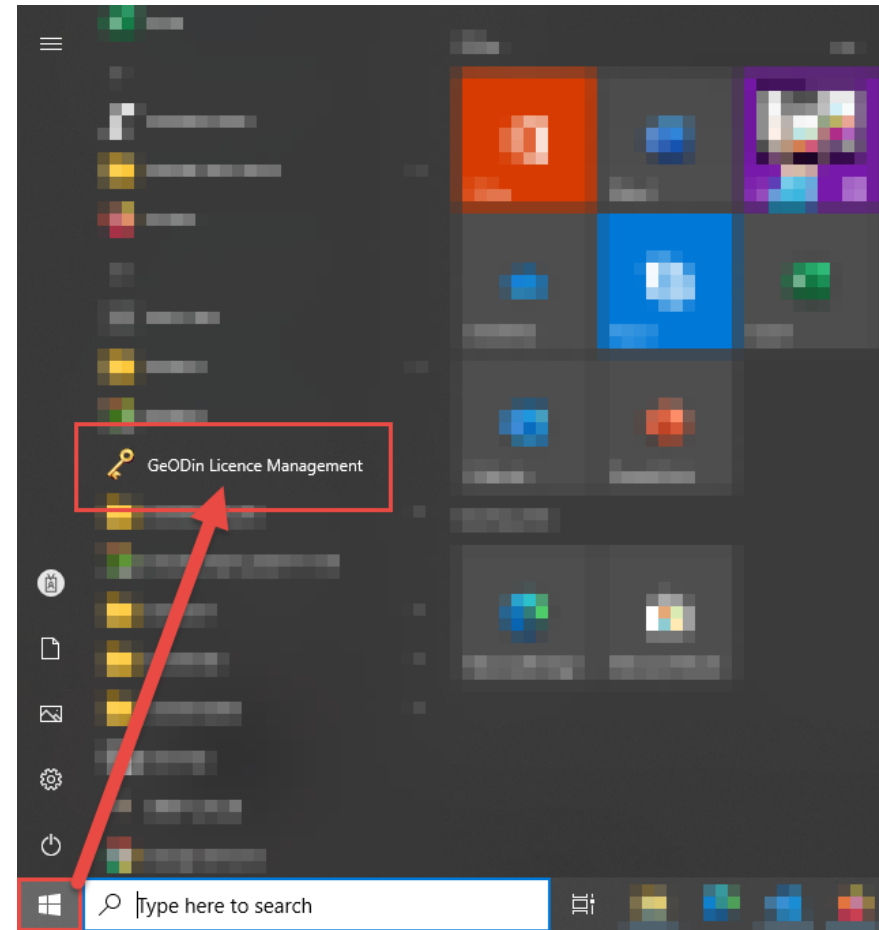
To be able to use GeODin via the shortcut created on your desktop, you need to activate your GeODin licence via the browser using the licence manager and the serial number you received from GeODin Support in advance. To do this, an internet connection is required.



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# Step 17: Starting the licence manager

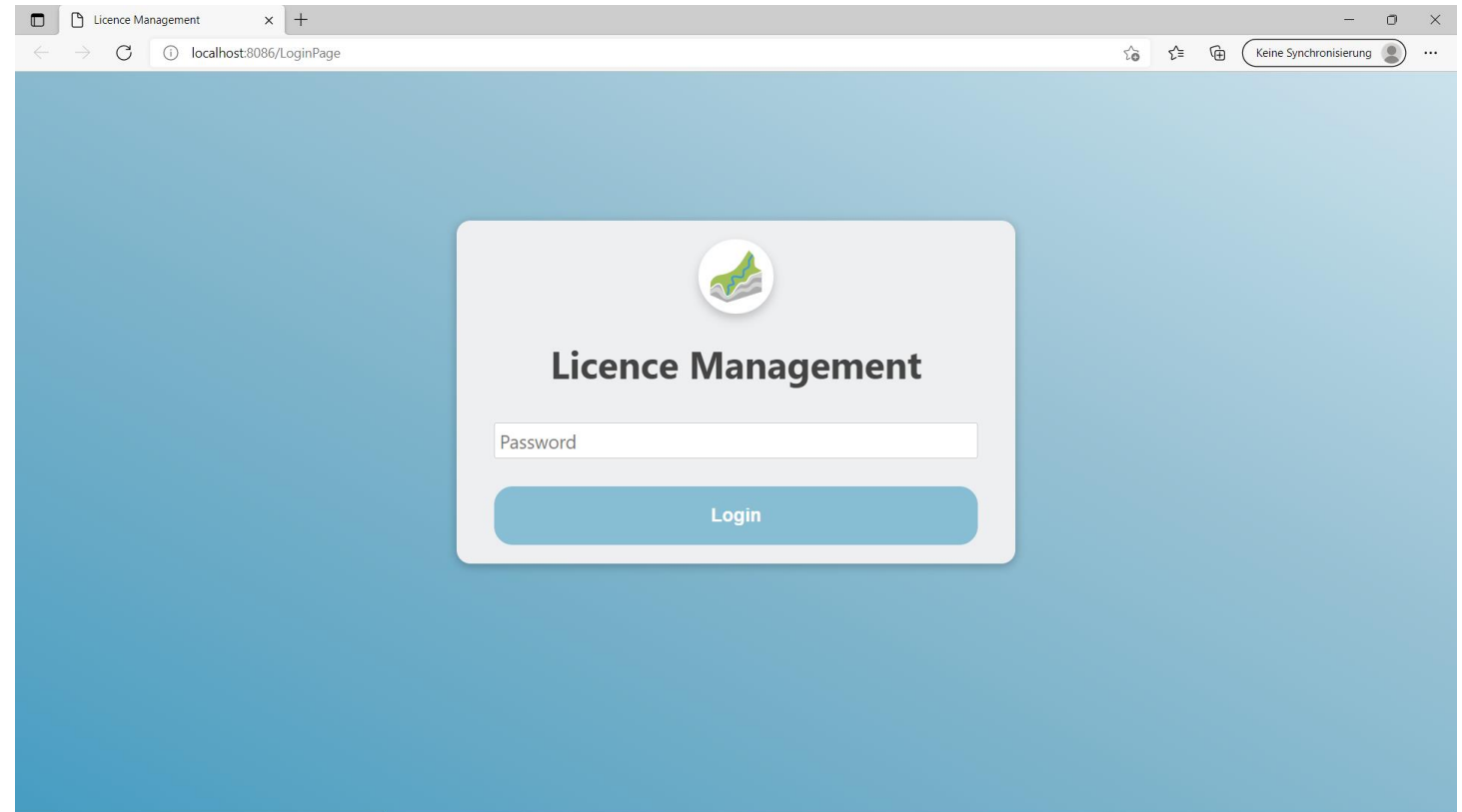
To activate your GeODin licence, start the licence manager via the Windows Start menu and select the menu item **GeODin Licence Management**.





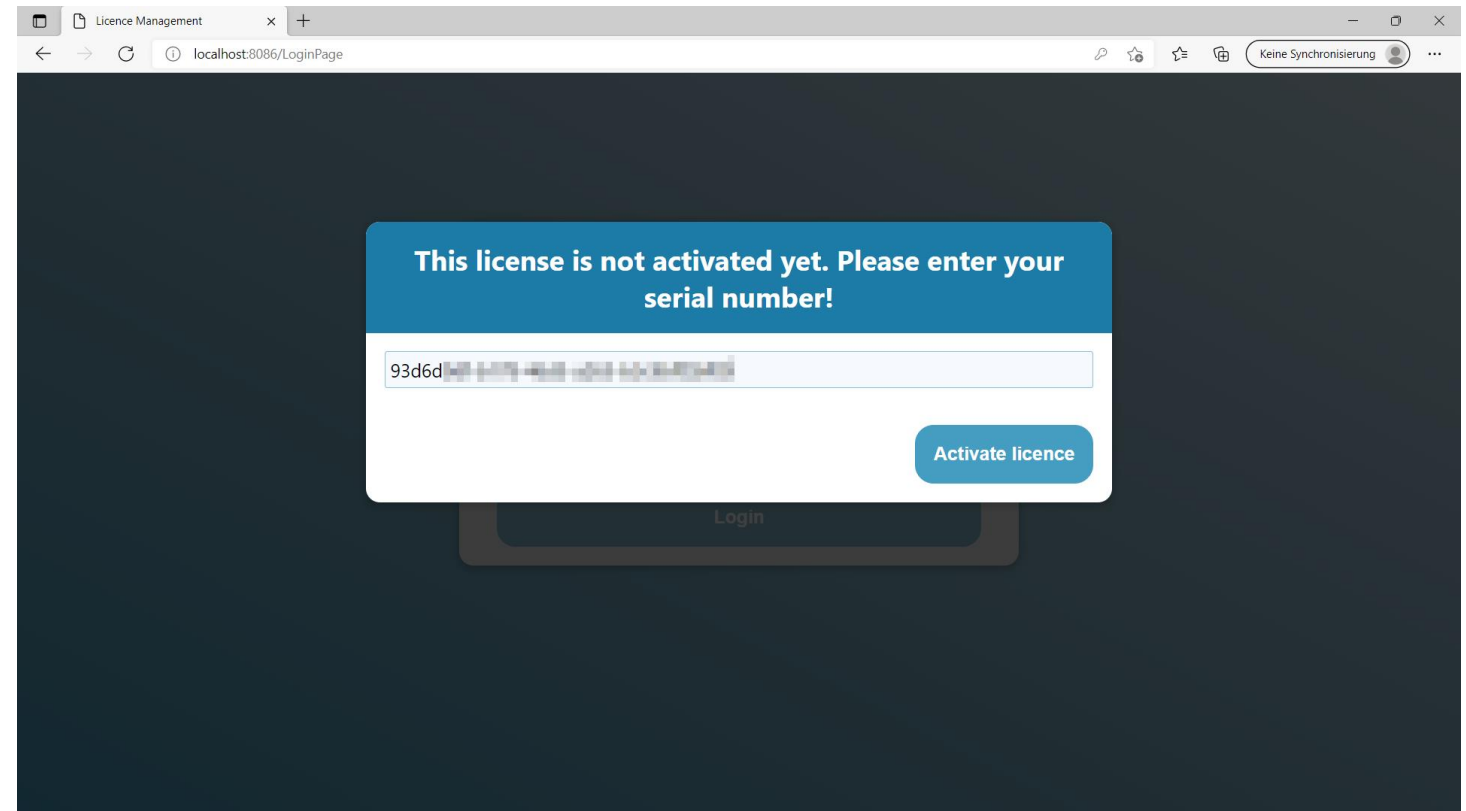
# Step 18: Password entry

Now enter the admin password defined in [step 11](#) to log in to the licence manager.



# Step 19: Serial number

Enter the serial number of your licence that you received from GeODin support via email and confirm your entry with the <activate licence> button.



# Activation successful

After successful activation of your licence, your licence information (serial number, available licence packages, expiry date of the licence if applicable) will be displayed in the licence manager.

To start your work with GeODin, close the browser and start GeODin via the shortcut on your desktop.

The image displays two screenshots of the 'Licence Management' web application. The top screenshot shows a 'Single user licence' with a serial number {93D6D...} and a table of available packages. The bottom screenshot shows a 'Network licence' with a serial number {CDDD7...} and a table of available packages. Both screenshots include a navigation bar with 'Licence Management' and links for 'LICENCE SERVER', 'LANGUAGES', 'USER STATUS', and 'LICENCE INFORMATION'. The browser address bar shows 'localhost:8086/LoginPage' for the top and '192.168.1.8086/LoginPage' for the bottom.

Package	Available	Maximum	Valid to date
Professional P	1	1	01/12/2021

Package	Available	Maximum	Valid to date
Professional P	10	10	31/12/2021
Essentials E	5	5	31/12/2021

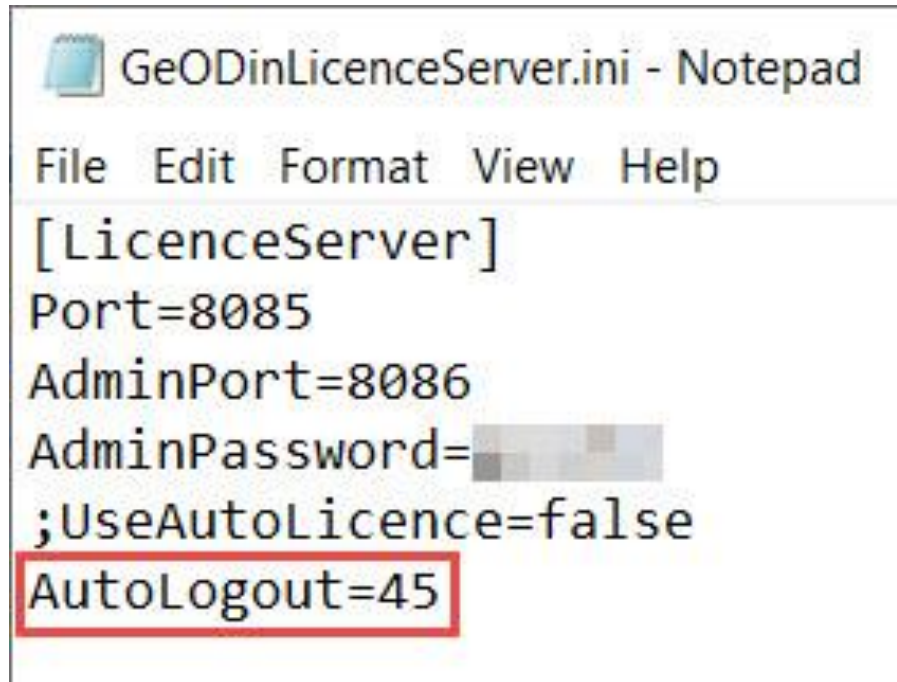
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# More settings (AutoLogout)

From server version 1.9 onwards, you have the option to adjust the time interval for the automatic licence logout.

The time interval in minutes is specified via the **AutoLogout** entry in the **GeODinLicenceServer.ini** file.

The default value for the licence logout is 30 minutes but can be increased via the entry in the INI file.



```
GeODinLicenceServer.ini - Notepad
File Edit Format View Help
[LicenceServer]
Port=8085
AdminPort=8086
AdminPassword=[REDACTED]
;UseAutoLicence=false
AutoLogout=45
```

# More settings (AutoLogout)

After adjusting the entry, a restart of the **GeODinLicenceService** is required.

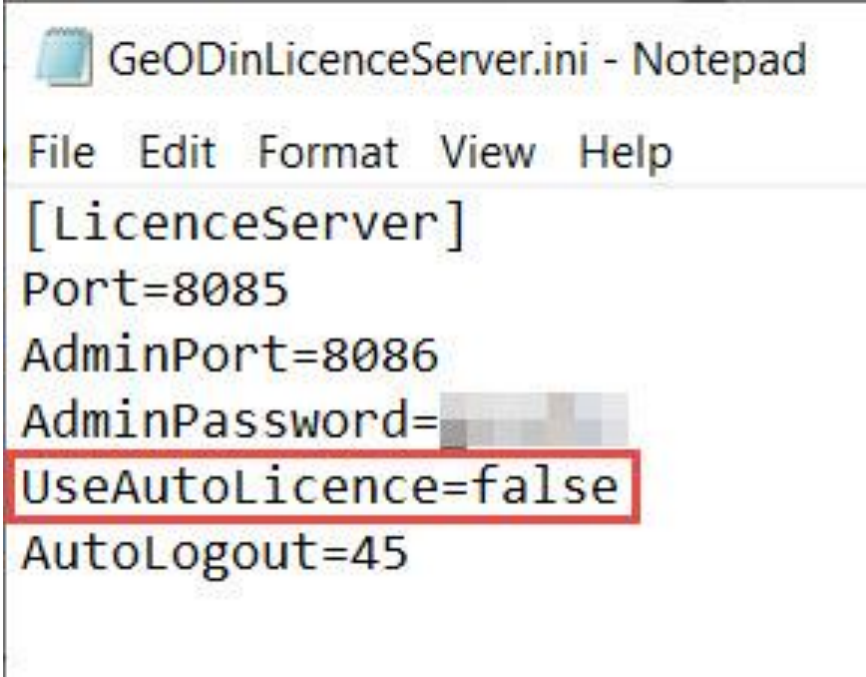
Subsequently, the updated information is displayed in the GeODin licence manager under the menu item **licence server**.

The screenshot displays the 'Licence Management' interface. The top navigation bar includes 'Licence Management', 'LICENCE SERVER' (highlighted with a red box), 'LANGUAGES', 'USER STATUS', and 'LICENCE INFORMATION'. The main content area is divided into 'LICCENCE SERVER' and 'ACTIONS'. Under 'ACTIONS', there are buttons for 'Start', 'Stop', 'Update licence', and 'Download server update'. The 'INFORMATION' section shows 'Port: 8085', 'Version: 1.9', and 'Auto logout: 00h 45min' (highlighted with a red box). The bottom status bar shows 'Version 1.9', 'Port 8085', and a green indicator light.

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# More settings (UseAutoLicence)


Using the entry **UseAutoLicence=false** (available from server version 1.9) in the file **GeODinLicenceService.ini** the display of the GeODin licence management dialogue box can be forced at the start of GeODin to show all currently available licences.



```
GeODinLicenceServer.ini - Notepad
File Edit Format View Help
[LicenceServer]
Port=8085
AdminPort=8086
AdminPassword=
UseAutoLicence=false
AutoLogout=45
```



Together we create a safe  
and liveable world

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