

MIKE+

Installation Guide



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1 Introduction

This installation guide covers the installation of MIKE+ and required 3rd party software.

MIKE+ can be deployed in different ways using local SQLite database or a PostgreSQL database server – ranging from a personal installation to a corporate installation.

For PostgreSQL, you have these two options:

1. Personal installation, which allows users to work in a network-independent mode on their desktop. This requires the installation of a database on the local computer.
2. Corporate installation, which allows for an office to have multiple installations (clients) all working against a central database server.

Furthermore, ArcGIS Pro may optionally be also installed, when purchased as part of MIKE+ ArcGIS.

2 Installation Prerequisites

MIKE+ depends on several prerequisites as listed below:

1. If you want to use a local SQLite database, SQLite database with a SpatiaLite extension is required. It is included in the MIKE+ installer and will be installed automatically with MIKE+.
2. If you want to use a PostgreSQL database, a PostgreSQL database server with the PostGIS spatial database extension is required. The installers of PostgreSQL and PostGIS are included in a separate "Prerequisites" sub-folder of the MIKE+ installation. MIKE+ supports the following versions of the two products: PostgreSQL 17.4 and PostGIS 3.5.2. Combinations of later versions may also work, but have not been tested.
3. The DHI License Management application. It may need to be downloaded separately from the MIKE+ installer depending on the type of DHI license you plan to use. Refer to chapter 4 for more information.
4. Microsoft .NET Desktop Runtime 8.0.0, or a later patch release, must be installed.

3 MIKE+ Installation/Upgrade

Regular Installation

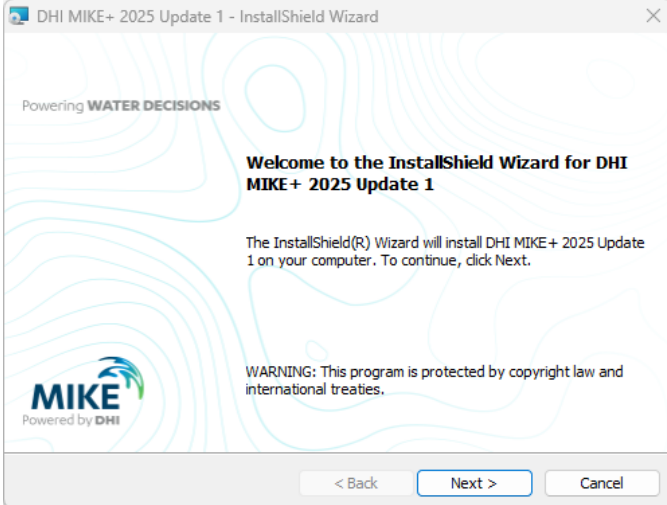
The installation process consists of four parts.


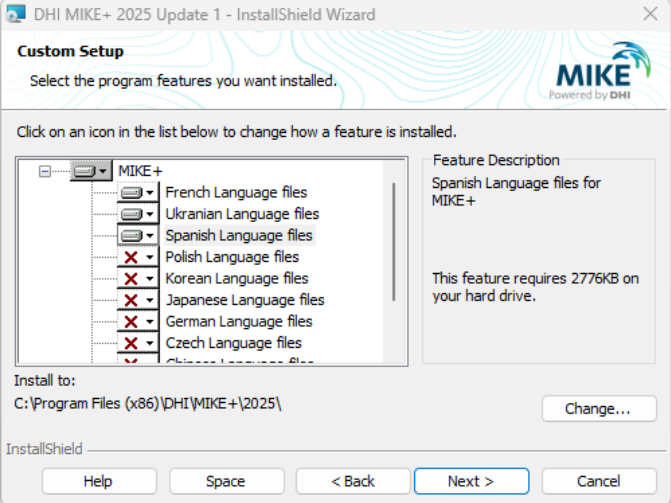
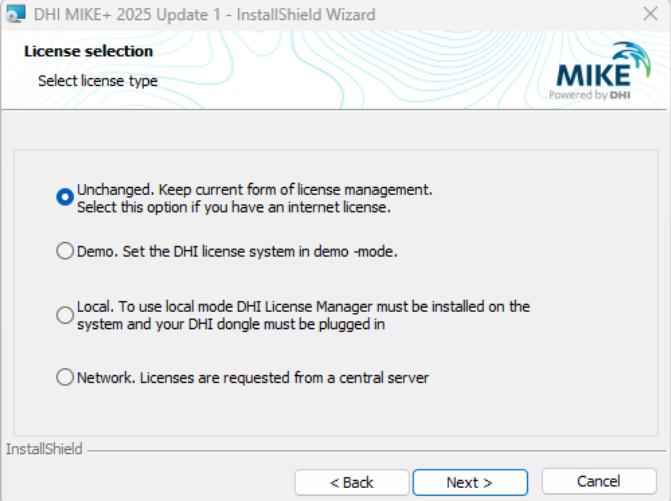
1. Installation of MIKE+.
2. Optional installation of DHI License Management.
3. Optional installation of PostgreSQL and PostGIS.
4. Optional installation of ArcGIS Pro.

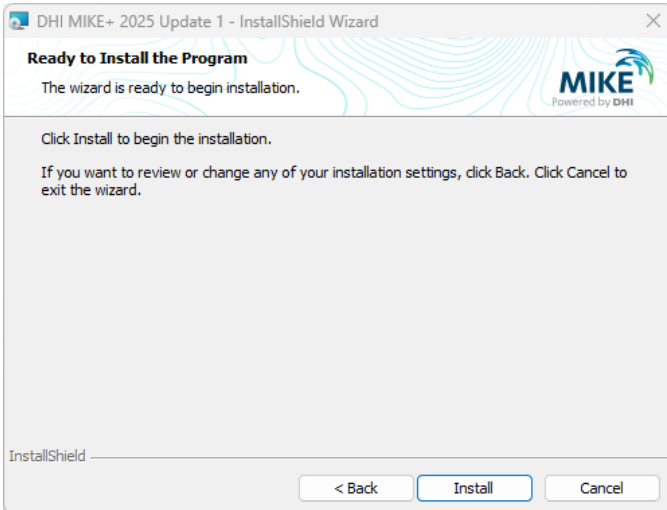
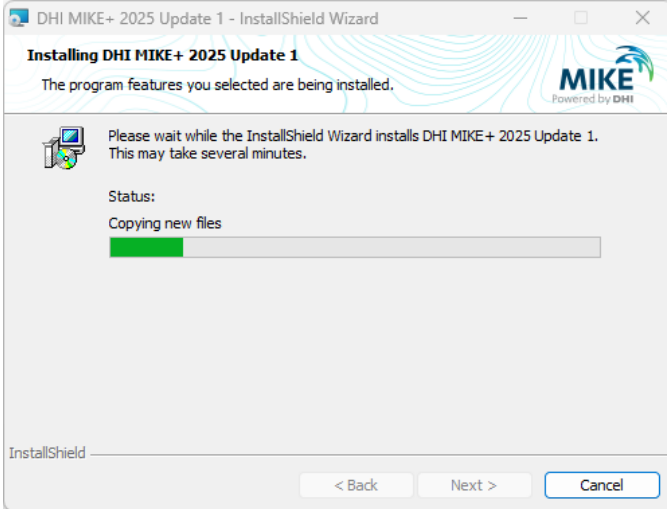
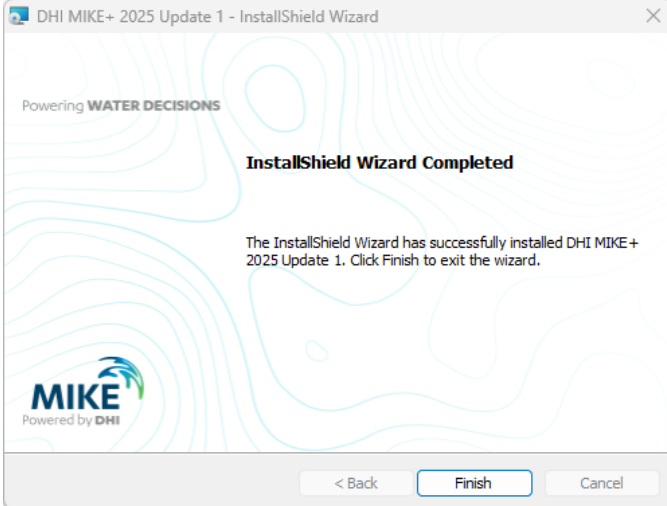
Installation of MIKE+ software is simple and requires no user interactions beyond accepting the license conditions, specifying the installation folder and languages that should be installed besides English, and includes installation of the personal database SQLite with a Spatialite extension.

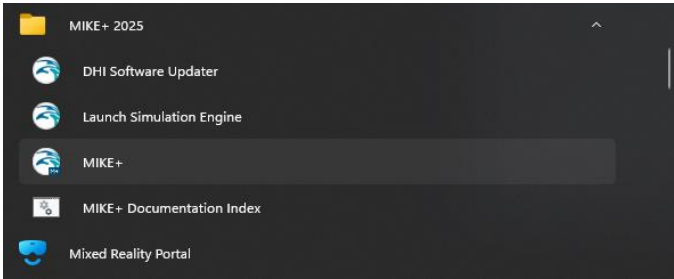
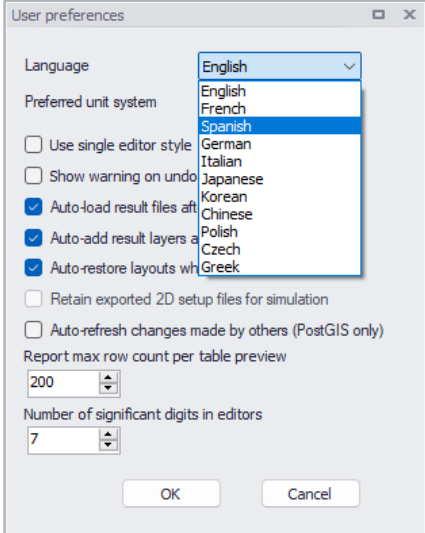
The following table explains how to install MIKE+.

If you need to install or update the DHI License Management, follow the steps described in chapter 4. If you need to install or update the version of PostgreSQL and PostGIS, follow the steps described in APPENDIX A. If you need to install ArcGIS Pro, follow the steps described in APPENDIX D.

Installation step	Screen
<p>Run the <i>setup.exe</i> program file from the installation media/download folder, in the 'MIKE+' folder.</p> <p>Click Next</p>	

Installation step	Screen
<p>Accept the license agreement</p> <p>Click Next</p>	 <p>The screen shows the 'License Agreement' window of the DHI MIKE+ 2025 Update 1 - InstallShield Wizard. It contains a 'LEGAL NOTICE' section with two paragraphs. Below the text, there are two radio buttons: 'I accept the terms in the license agreement' (selected) and 'I do not accept the terms in the license agreement'. A 'Print' button is located to the right of the radio buttons. At the bottom, there are '< Back', 'Next >', and 'Cancel' buttons.</p>
<p>Select the languages you want to install on the computer (besides English)</p> <p>Click Next</p>	 <p>The screen shows the 'Custom Setup' window of the DHI MIKE+ 2025 Update 1 - InstallShield Wizard. It prompts the user to 'Select the program features you want installed.' Below this, there is a list of features under the 'MIKE+' folder. The 'Spanish Language files' feature is selected. To the right of the list, there is a 'Feature Description' box that says 'Spanish Language files for MIKE+' and 'This feature requires 2776KB on your hard drive.' Below the list, there is an 'Install to:' field showing 'C:\Program Files (x86)\DHI\MIKE+\2025\' and a 'Change...' button. At the bottom, there are 'Help', 'Space', '< Back', 'Next >', and 'Cancel' buttons.</p>
<p>Select the license type. This may be modified after the installation if required.</p> <p>Click Next</p>	 <p>The screen shows the 'License selection' window of the DHI MIKE+ 2025 Update 1 - InstallShield Wizard. It prompts the user to 'Select license type'. There are four radio buttons: 'Unchanged. Keep current form of license management. Select this option if you have an internet license.' (selected), 'Demo. Set the DHI license system in demo -mode.', 'Local. To use local mode DHI License Manager must be installed on the system and your DHI dongle must be plugged in', and 'Network. Licenses are requested from a central server'. At the bottom, there are '< Back', 'Next >', and 'Cancel' buttons.</p>

Installation step	Screen
Click Install	
Wait	
Click Finish	

Installation step	Screen
If you have installed another language than English, Open MIKE+ to finish the language configuration.	
Go to the File menu, and select User preferences . Select the desired language, and close MIKE+.	

Silent Installation

Alternatively, it is possible to install MIKE+ in silent mode. To achieve this, execute the *setup.exe* program file from the installation media/download folder using the following command line:

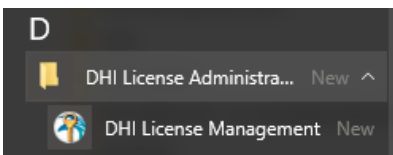
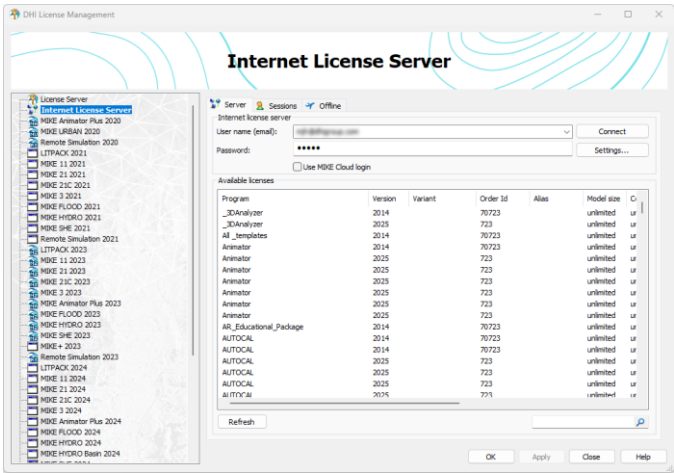
`"C:\...\MIKE+\Setup.exe" /S /v/qn`

Where `"C:\...\MIKE+\Setup.exe"` should be replaced by the actual path to the installation file.

4 DHI License Management

The DHI license is handled through the DHI License Management software, which can be found under DHI License Administration in the Start Menu.

Important information: If you plan to use a local DHI license bound to a dongle, you must install the DHI License Manager before following the steps below. The installer for the DHI License Manager must be downloaded separately from the MIKE+ installer. This additional installation is however not required for an Internet license. For a network license installation, the DHI License Manager is required only on the server, but not on the client computers.

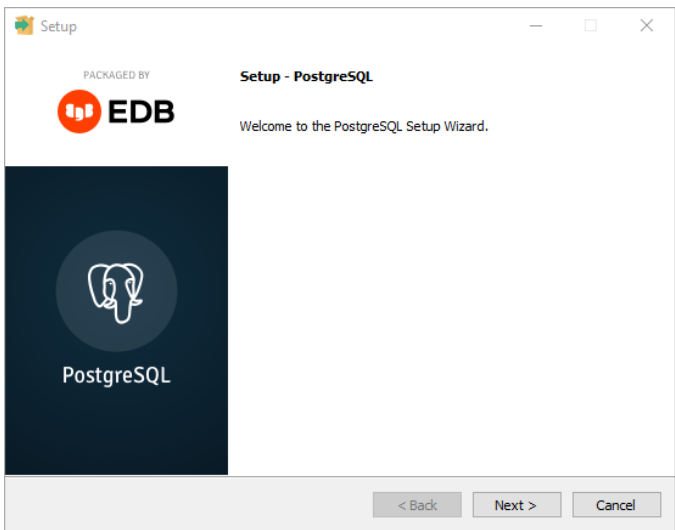
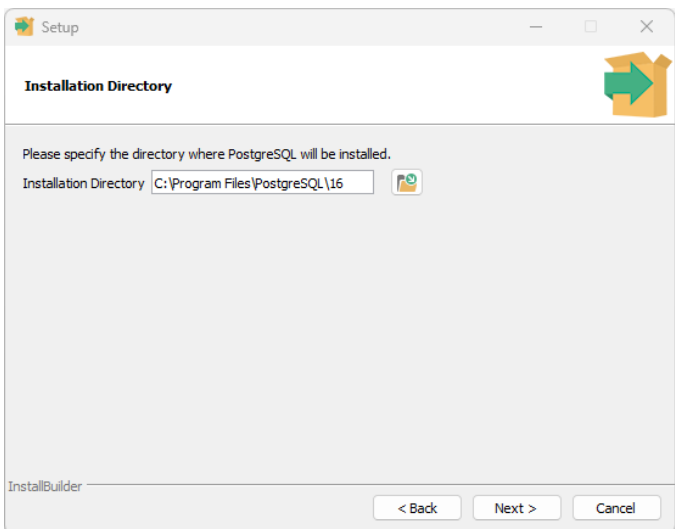
Installation step	Screen
Open the DHI License Management program in the start menu as Administrator	
<p>Three license types are available:</p> <ul style="list-style-type: none"> Internet License (no dongle) Server License, with license and dongle on a network server Server license, with license and dongle on local PC <p>Choose a license server installation if you have a license bound to a dongle, or Internet license otherwise. Refer to the documentation found with the Help button for more information.</p>	

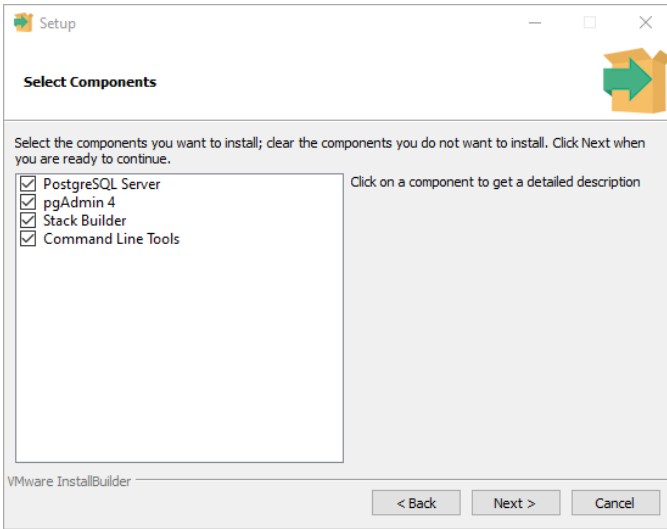
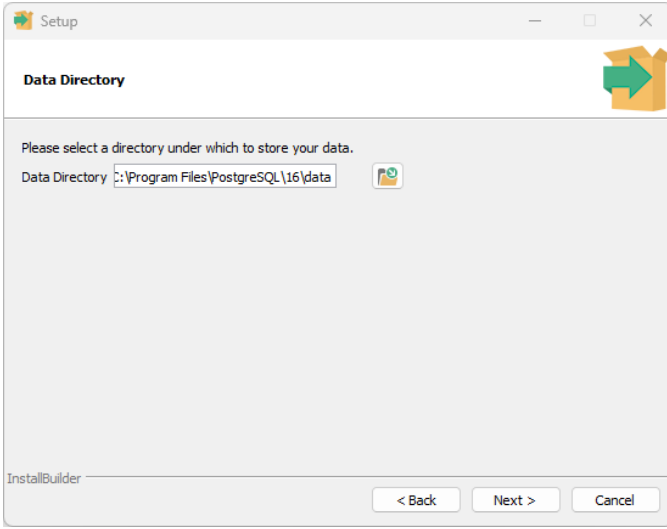
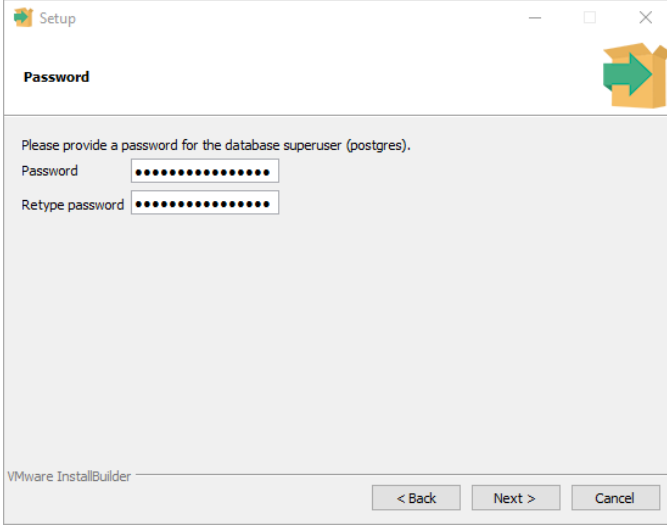
APPENDIX A: Install PostgreSQL and PostGIS

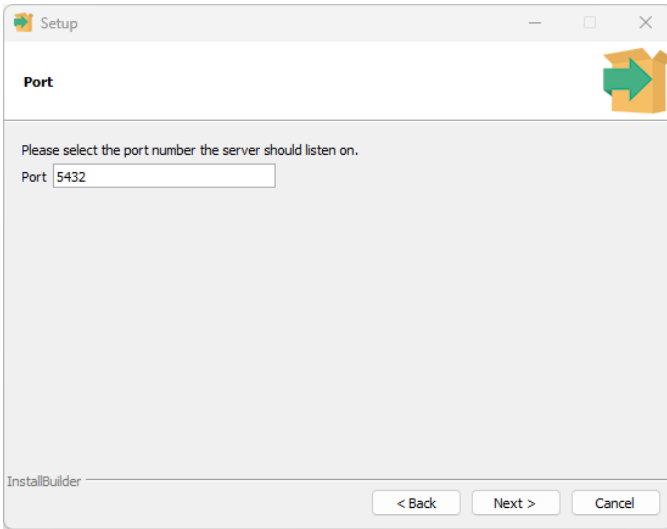
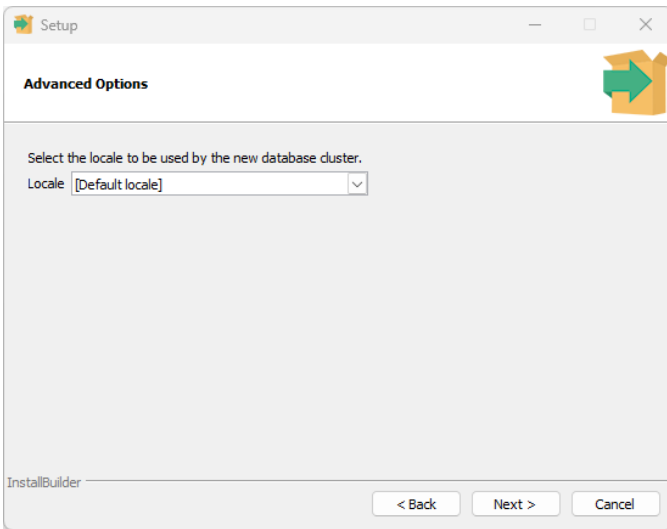
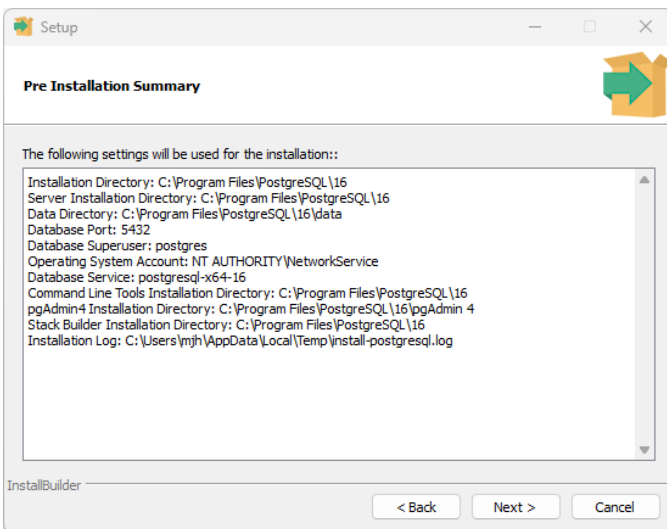
As mentioned in Chapter 2, it is possible to use a PostgreSQL database.

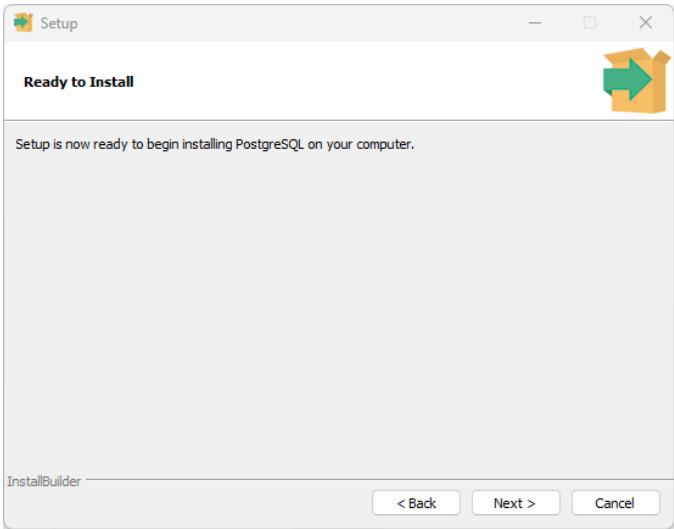
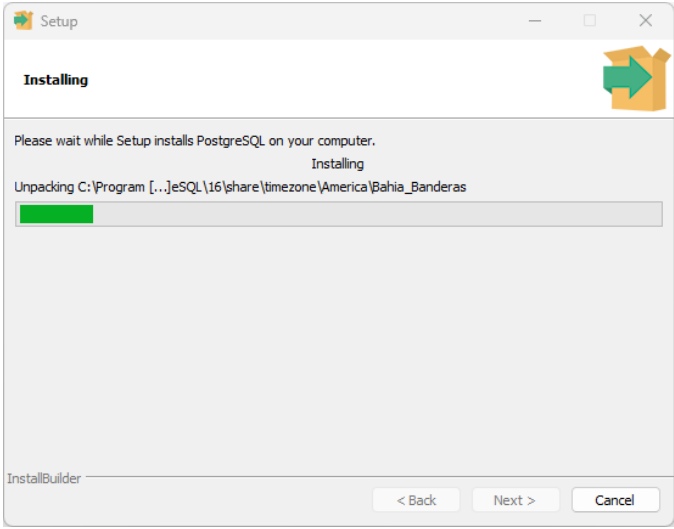
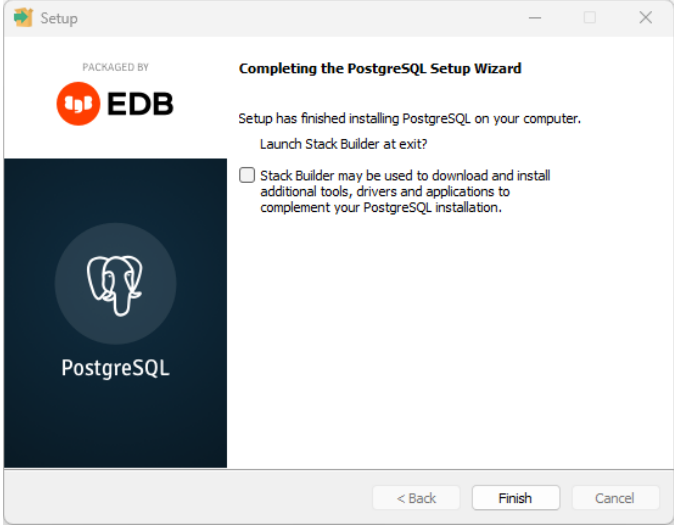
PostgreSQL Installation

The following table explains how to install a PostgreSQL database. The postgresql-xx.x-x-windows-x64.exe installer is located in the “Prerequisites” sub-folder of the MIKE+ installation.

Installation step	Screen
Run the database installation program e.g. postgresql-xx.x-x-windows-x64.exe	
Start of installation Click Next	 <p>The screenshot shows the 'Setup - PostgreSQL' window. It features the EDB logo and the PostgreSQL elephant icon. The text reads: 'Welcome to the PostgreSQL Setup Wizard.' At the bottom, there are buttons for '< Back', 'Next >', and 'Cancel'.</p>
Accept the default installation folder Click Next	 <p>The screenshot shows the 'Setup - PostgreSQL' window at the 'Installation Directory' step. It asks the user to specify the directory where PostgreSQL will be installed. The 'Installation Directory' field is pre-filled with 'C:\Program Files\PostgreSQL\16'. At the bottom, there are buttons for '< Back', 'Next >', and 'Cancel'.</p>

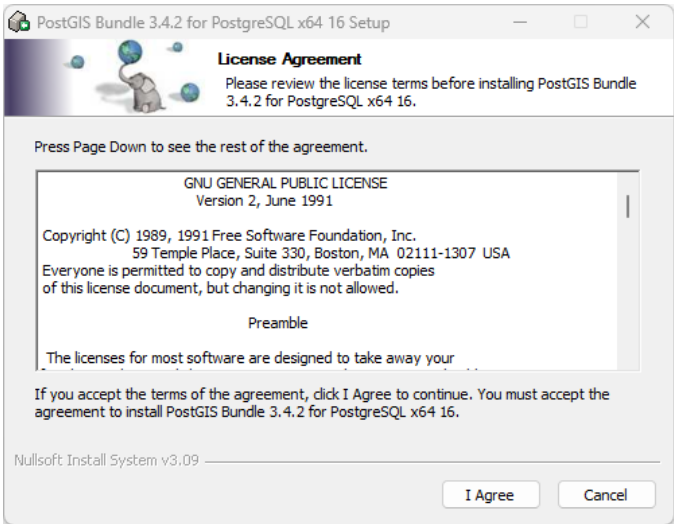
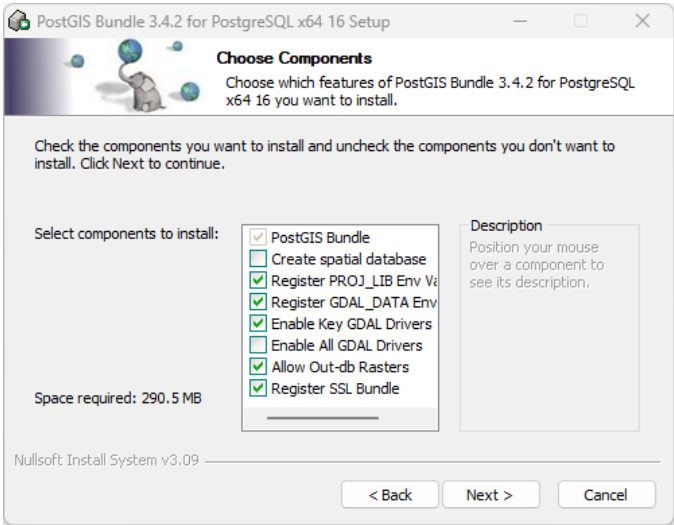
Installation step	Screen
<p>Accept the default selected components.</p> <p>Click Next</p>	
<p>Accept the default data folder.</p> <p>Click Next</p>	
<p>Type in a password for the postgres user (the administrator for the database server).</p> <p>Click Next</p>	

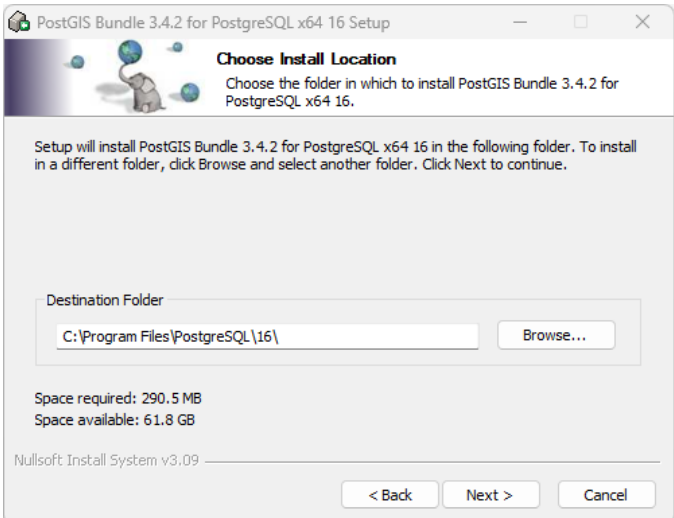
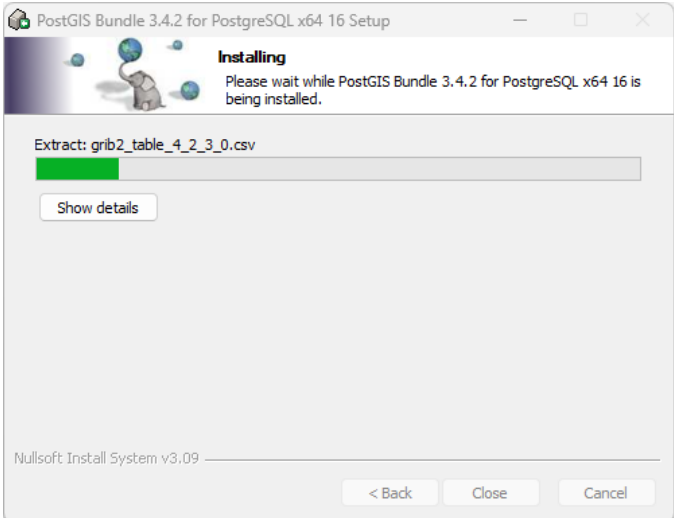
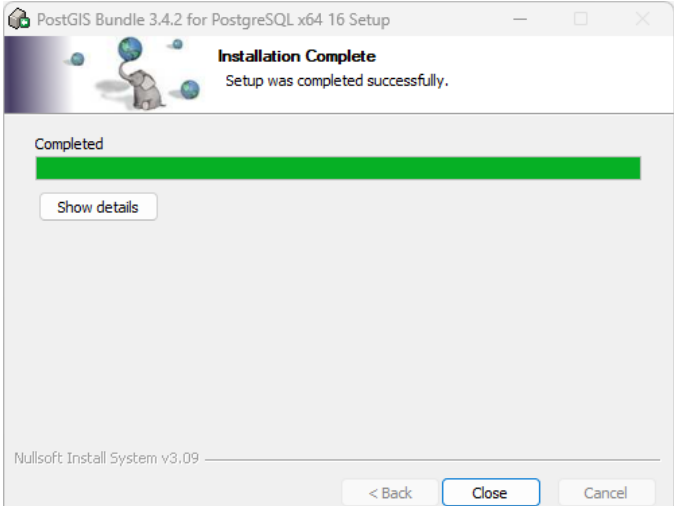
Installation step	Screen
<p>Accept the default port number (5432)</p> <p>Click Next</p>	
<p>Leave the "Locale" as "Default Locale"</p> <p>Click Next</p>	
<p>Verify the installation summary.</p> <p>Click Next</p>	

Installation step	Screen
Click Next	
Installing	
<p>The database server installation has finished</p> <p>Click off the “Launch Stack Builder at exit?” option and then click Finish</p>	

PostGIS Installation

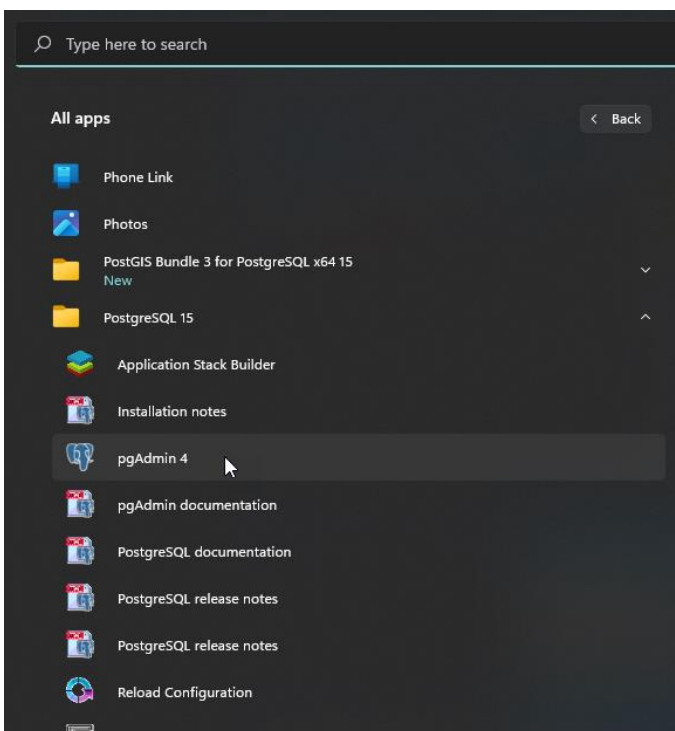


The following table explains how to install PostGIS database extension. The postgis-bundle-pg16x64-setup-x.x.x-x.exe installer is located in the “Prerequisites” sub-folder of the MIKE+ installation.

Installation step	Screen
Run the PostGIS installation program (e.g. postgis-bundle-pg16x64-setup-x.x.x-x.exe)	
Start of installation Click I Agree	 <p>The screenshot shows the 'License Agreement' window of the PostGIS Bundle 3.4.2 for PostgreSQL x64 16 Setup. It displays the GNU GENERAL PUBLIC LICENSE Version 2, June 1991. The text includes copyright information for the Free Software Foundation, Inc. and states that everyone is permitted to copy and distribute verbatim copies of the license document, but changing it is not allowed. The window has 'I Agree' and 'Cancel' buttons at the bottom right.</p>
Keep default list of components. Click Next	 <p>The screenshot shows the 'Choose Components' window of the PostGIS Bundle 3.4.2 for PostgreSQL x64 16 Setup. It lists components to be installed with checkboxes. The 'PostGIS Bundle' checkbox is checked. Other components include 'Create spatial database', 'Register PROJ_LIB Env Variables', 'Register GDAL_DATA Env Variables', 'Enable Key GDAL Drivers', 'Enable All GDAL Drivers', 'Allow Out-db Rasters', and 'Register SSL Bundle'. The window also shows 'Space required: 290.5 MB' and has '< Back', 'Next >', and 'Cancel' buttons at the bottom right.</p>

Installation step	Screen
<p>Accept the default folder.</p> <p>Click Next</p>	 <p>The screenshot shows the 'Choose Install Location' window of the PostGIS Bundle 3.4.2 for PostgreSQL x64 16 Setup. It prompts the user to choose the folder for installation. The default destination folder is 'C:\Program Files\PostgreSQL\16\'. The window also displays the space requirements: 290.5 MB required and 61.8 GB available. Navigation buttons include '< Back', 'Next >', and 'Cancel'.</p>
<p>Installing</p>	 <p>The screenshot shows the 'Installing' window. It indicates that the user should wait while the PostGIS Bundle 3.4.2 for PostgreSQL x64 16 is being installed. A progress bar is shown for the extraction of 'grib2_table_4_2_3_0.csv'. A 'Show details' button is available. Navigation buttons include '< Back', 'Close', and 'Cancel'.</p>
<p>The installation has finished</p> <p>Click Close</p>	 <p>The screenshot shows the 'Installation Complete' window. It confirms that the setup was completed successfully. A green progress bar indicates that the installation is 'Completed'. A 'Show details' button is present. The 'Close' button is highlighted, indicating the next action. Navigation buttons include '< Back', 'Close', and 'Cancel'.</p>

APPENDIX B: Advanced PostgreSQL Database management tool

The PostgreSQL database password provided during installation can be stored in the database for easy access in the future. It is an optional configuration.

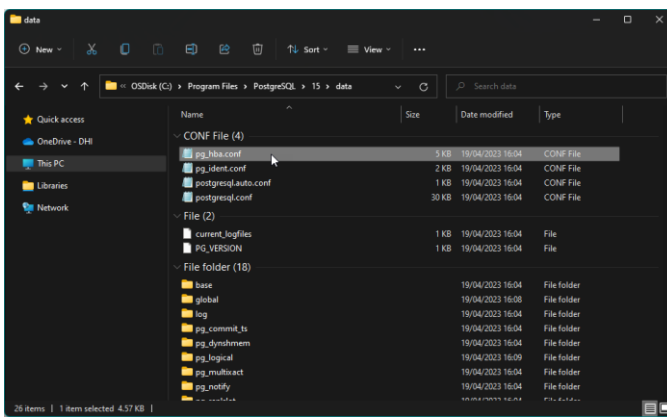
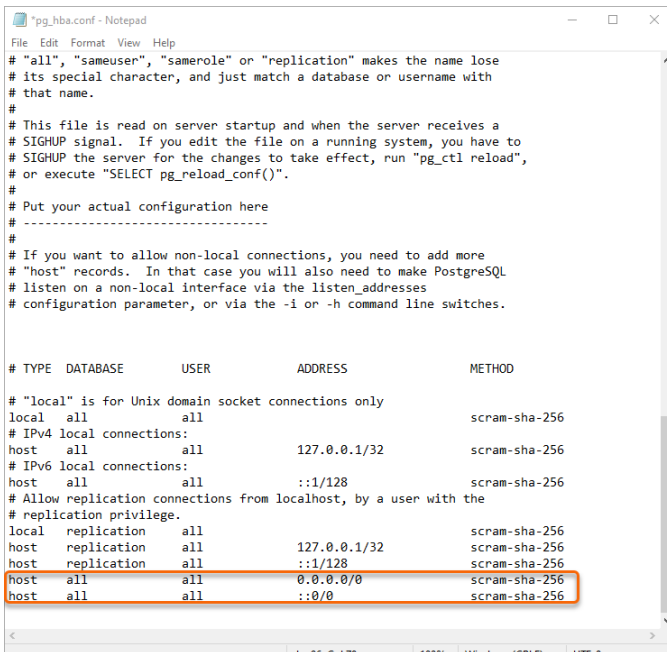
Installation step	Screen
Start the pgAdmin 4 database administration tool from the Windows Start menu	 A screenshot of the Windows Start menu search interface. The search bar at the top contains the text 'Type here to search'. Below the search bar, under the heading 'All apps', a list of applications is displayed. The application 'pgAdmin 4' is highlighted with a mouse cursor. Other applications visible include Phone Link, Photos, PostGIS Bundle 3 for PostgreSQL x64 15, PostgreSQL 15, Application Stack Builder, Installation notes, pgAdmin documentation, PostgreSQL documentation, PostgreSQL release notes, and Reload Configuration.
In the left panel, expand the list of servers, and double-click the database to be used in MIKE+	 A screenshot of the pgAdmin 4 web interface. The left-hand sidebar shows a tree view of servers. The 'Servers' folder is expanded, showing a list of servers. The 'pgAdmin 4' server is selected and double-clicked. The main panel displays a 'Welcome' message for pgAdmin 4, stating it is an Open Source administration and management tool for the PostgreSQL database.
It will request a password to connect to the database. If this window doesn't show up, right click the database server and select "Connect Server" Provide the password for the postgres user and tick on the "Save Password" option Click OK	 A screenshot of the 'Connect to Server' dialog box in pgAdmin 4. The dialog box has a title bar 'Connect to Server' and a close button. The main text says 'Please enter the password for the user 'postgres' to connect the server - "PostgreSQL 16"'. There is a password input field with a masked password '*****'. Below the input field, there is a checkbox labeled 'Save Password' which is checked. At the bottom right, there are two buttons: 'Cancel' and 'OK'.

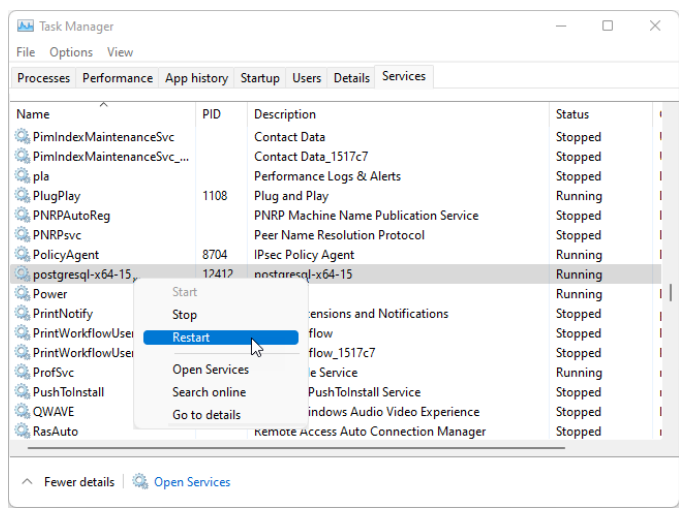
APPENDIX C: Configuring the PostgreSQL Database Server for remote access

IMPORTANT: This is only needed if the database server shall accept connection from remote computers.

The section describes how to configure the PostgreSQL database server for running in corporate mode.

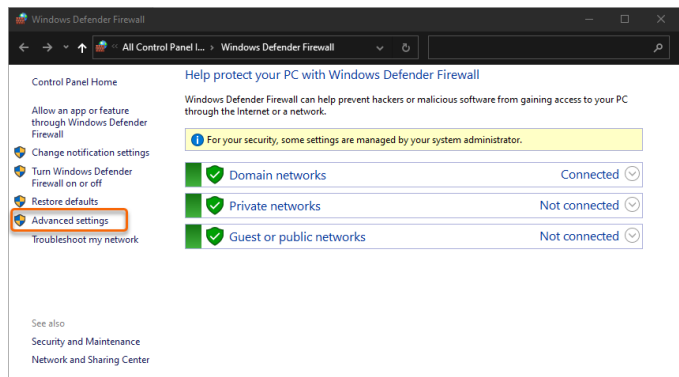
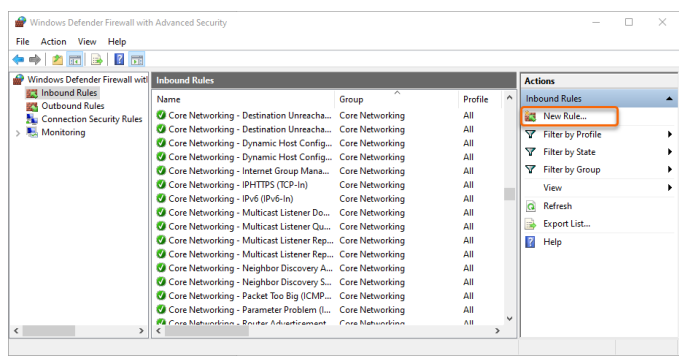
Start by enabling password save as shown in APPENDIX B.

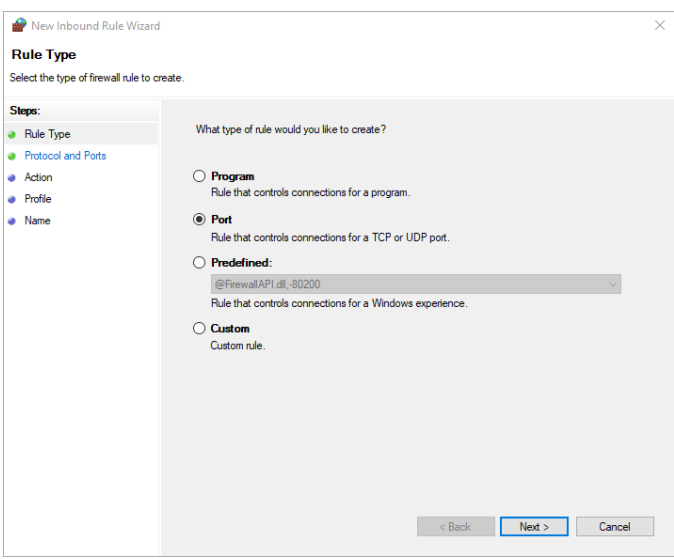
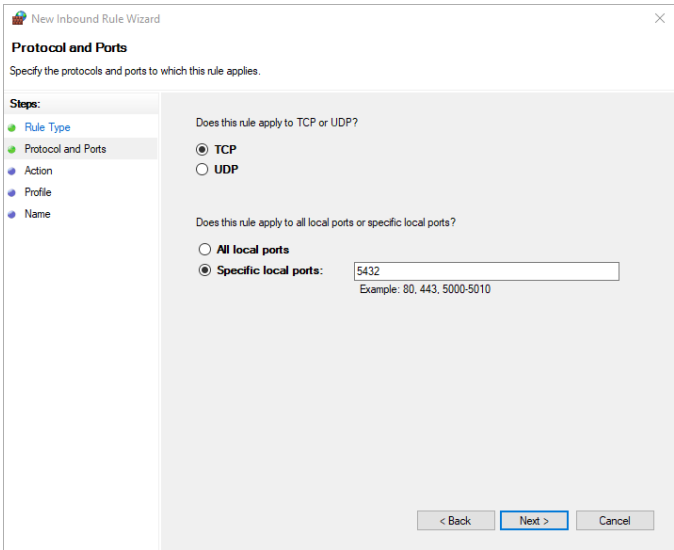
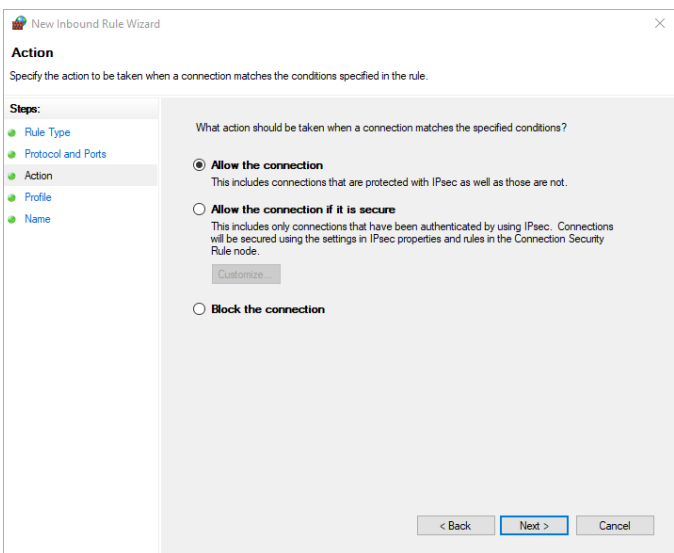
Installation step	Screen
<p>Locate the pg_hba.conf file in the data folder (C:\Program Files\PostgreSQL\16\data) and open it in an editor e.g. Notepad</p>	
<p>Insert new line(s) to open up for all non-local connections to database as shown on the right</p> <p>Open for IPv4:</p> <p>host all all 0.0.0.0/0 scram-sha-256</p> <p>Open for IPv6:</p> <p>host all all ::0/0 scram-sha-256</p> <p>Adjust spaces!</p> <p>Save the configuration.</p>	

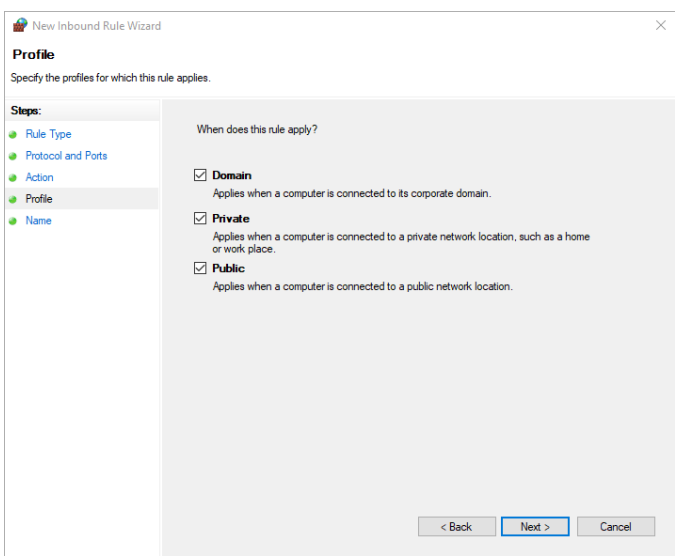
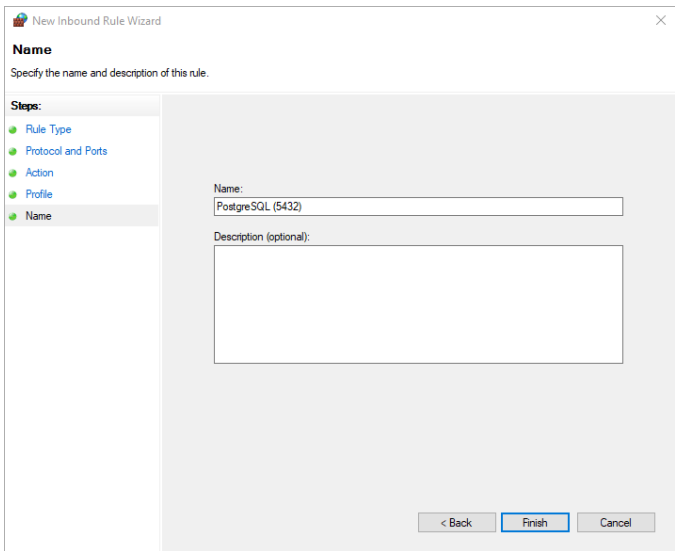
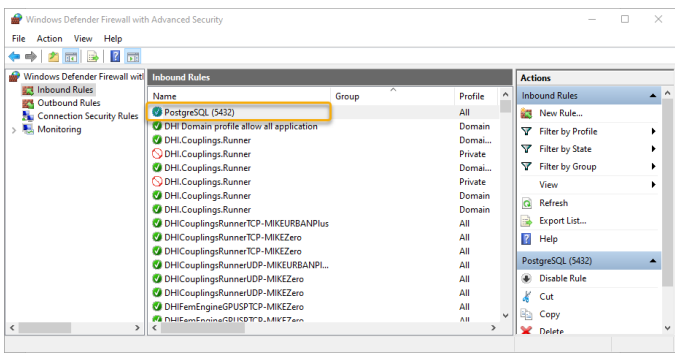
Installation step	Screen
<p>Open the Task Manager</p> <p>Restart the PostgreSQL services to apply the update.</p>	

Configuring the Windows Firewall for remote access to PostgreSQL

The section describes how to configure the Windows firewall for PostgreSQL running in enterprise mode.

Installation step	Screen
<p>Open the Firewall applet in the Windows Control Panel</p> <p>Click Advanced Settings</p>	
<p>Select Inbound Rules</p> <p>Click New Rule in the Actions panel to the right</p>	

Installation step	Screen
<p>Select Port</p> <p>Click Next</p>	 <p>The screenshot shows the 'New Inbound Rule Wizard' window, 'Rule Type' step. The title bar says 'New Inbound Rule Wizard'. The main heading is 'Rule Type' with the instruction 'Select the type of firewall rule to create.' On the left, a 'Steps' list shows 'Rule Type' as the current step, followed by 'Protocol and Ports', 'Action', 'Profile', and 'Name'. The main area asks 'What type of rule would you like to create?' with three radio button options: 'Program' (Rule that controls connections for a program.), 'Port' (selected, Rule that controls connections for a TCP or UDP port.), and 'Predefined:' (Rule that controls connections for a Windows experience., with a dropdown menu showing '@FirewallAPI.dll, 80200'). There is also a 'Custom' option (Custom rule.). At the bottom right are '< Back', 'Next >', and 'Cancel' buttons.</p>
<p>Select TCP, Specific local ports and enter 5432 (or the port number specified when installing PostgreSQL)</p> <p>Click Next</p>	 <p>The screenshot shows the 'New Inbound Rule Wizard' window, 'Protocol and Ports' step. The title bar says 'New Inbound Rule Wizard'. The main heading is 'Protocol and Ports' with the instruction 'Specify the protocols and ports to which this rule applies.' On the left, the 'Steps' list shows 'Protocol and Ports' as the current step. The main area asks 'Does this rule apply to TCP or UDP?' with 'TCP' selected. Below, it asks 'Does this rule apply to all local ports or specific local ports?' with 'Specific local ports:' selected. A text box contains '5432' with an example 'Example: 80, 443, 5000-5010' below it. At the bottom right are '< Back', 'Next >', and 'Cancel' buttons.</p>
<p>Select Allow the connection</p> <p>Click Next</p>	 <p>The screenshot shows the 'New Inbound Rule Wizard' window, 'Action' step. The title bar says 'New Inbound Rule Wizard'. The main heading is 'Action' with the instruction 'Specify the action to be taken when a connection matches the conditions specified in the rule.' On the left, the 'Steps' list shows 'Action' as the current step. The main area asks 'What action should be taken when a connection matches the specified conditions?' with three radio button options: 'Allow the connection' (selected, This includes connections that are protected with IPsec as well as those are not.), 'Allow the connection if it is secure' (This includes only connections that have been authenticated by using IPsec. Connections will be secured using the settings in IPsec properties and rules in the Connection Security Rule node., with a 'Customize...' button), and 'Block the connection'. At the bottom right are '< Back', 'Next >', and 'Cancel' buttons.</p>

Installation step	Screen
<p>Click on for all profiles</p> <p>Click Next</p>	
<p>Specify a rule name – e.g. “PostgreSQL (5432)” – and a description</p> <p>Click Finish</p>	
<p>The new rule is now added to the list of Inbound rules</p>	

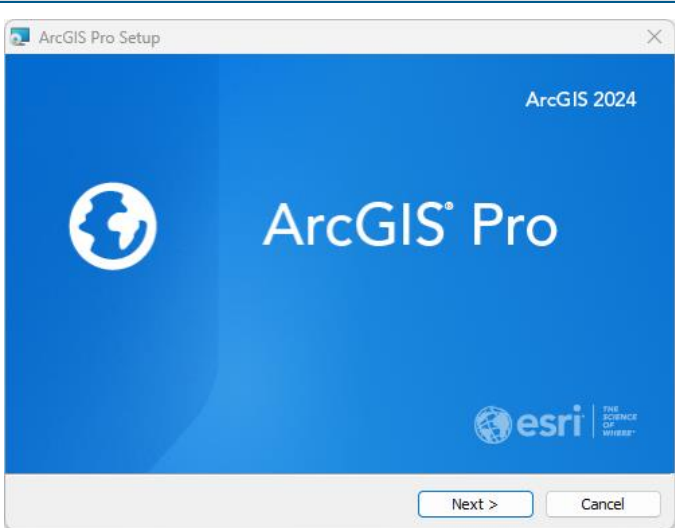
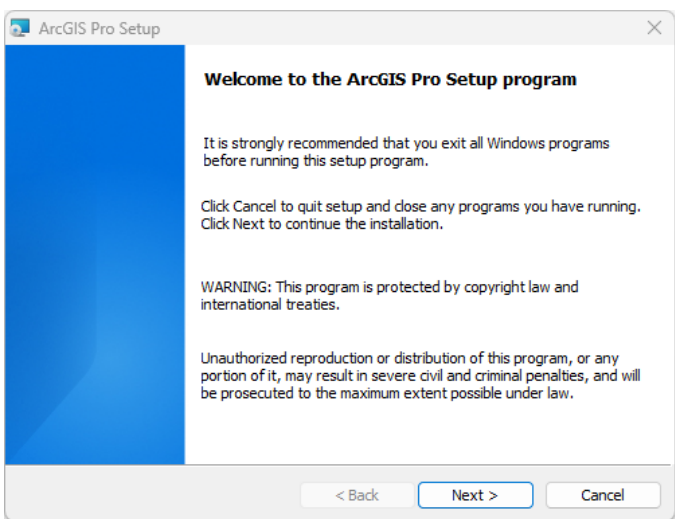
APPENDIX D: Install ArcGIS Pro

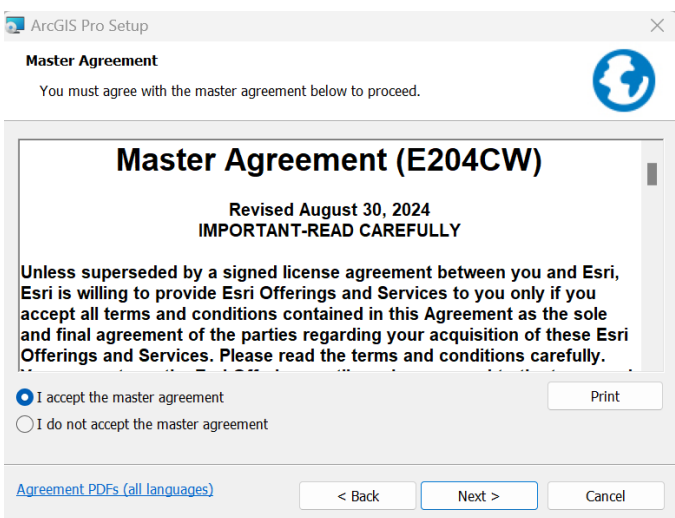
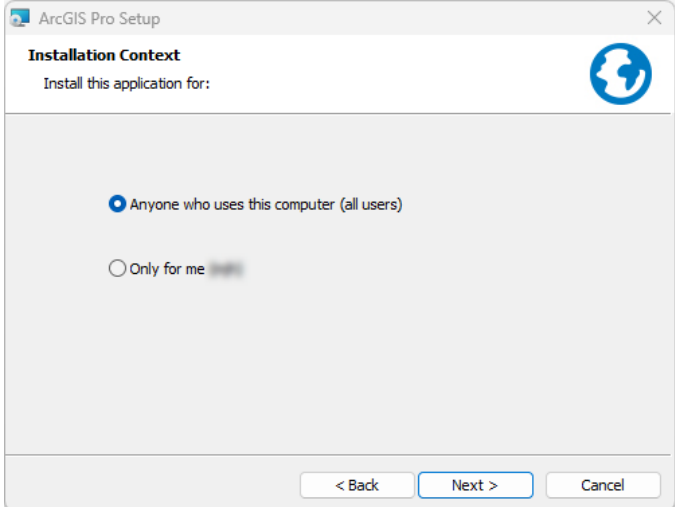
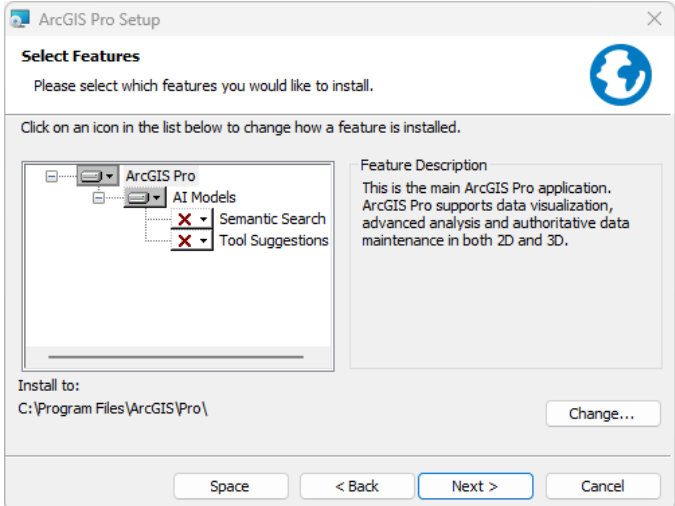
The ArcGIS Pro installation is carried out in the following stages:

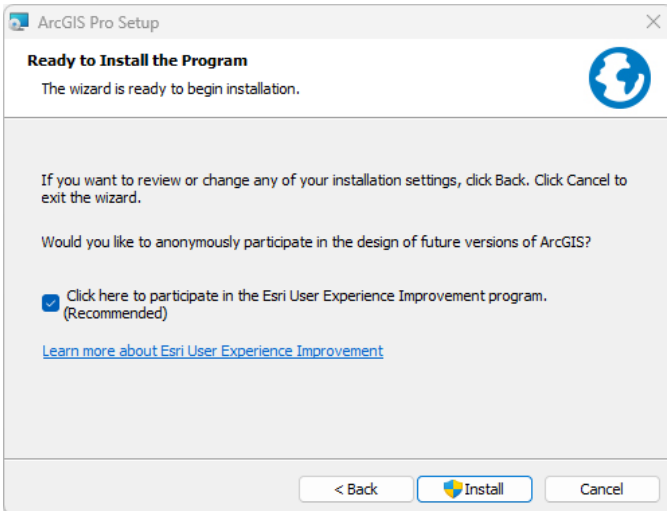
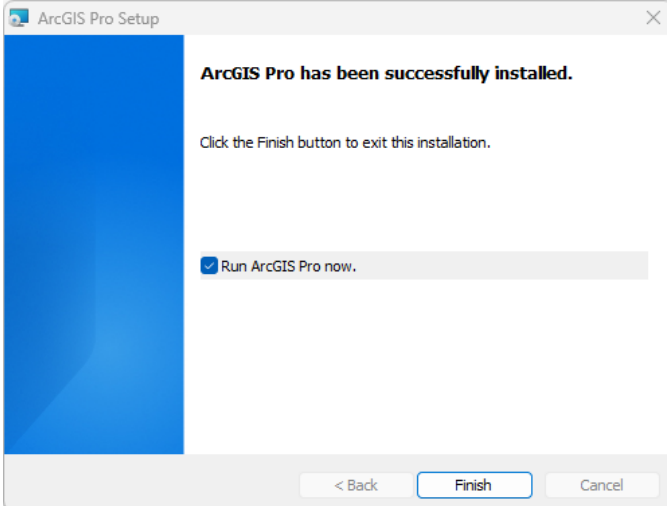
1. Installation of ArcGIS Pro.
2. Installation of ArcGIS License Manager (if using a Concurrent License with an EFL code).
3. Authorization of the license as a Named User (preferred option, applicable to both Single Use and Concurrent Use licenses), or as a Concurrent License using an EFL code or a local license.

ArcGIS Pro Installation

The following table explains how to install ArcGIS Pro. The ArcGISPro.msi installer is located in the “Prerequisites” subfolder of the MIKE+ installation.

Installation step	Screen
<p>Run the <i>ArcGISPro.msi</i> program file from the installation media/download folder, in the ‘ArcGIS Pro’ folder.</p> <p>Click Next</p>	
<p>Click Next</p>	

Installation step	Screen
<p>Select I accept the master agreement</p> <p>Click Next</p>	 <p>The screenshot shows the 'Master Agreement (E204CW)' window. It states 'Revised August 30, 2024' and 'IMPORTANT-READ CAREFULLY'. The text reads: 'Unless superseded by a signed license agreement between you and Esri, Esri is willing to provide Esri Offerings and Services to you only if you accept all terms and conditions contained in this Agreement as the sole and final agreement of the parties regarding your acquisition of these Esri Offerings and Services. Please read the terms and conditions carefully.' There are two radio buttons: 'I accept the master agreement' (selected) and 'I do not accept the master agreement'. A 'Print' button is on the right. At the bottom, there is a link 'Agreement PDFs (all languages)', and '< Back', 'Next >', and 'Cancel' buttons.</p>
<p>Select Anyone who uses this computer (all users)</p> <p>Click Next</p>	 <p>The screenshot shows the 'Installation Context' window. It asks 'Install this application for:'. There are two radio buttons: 'Anyone who uses this computer (all users)' (selected) and 'Only for me'. At the bottom, there are '< Back', 'Next >', and 'Cancel' buttons.</p>
<p>Select the optional AI models you wish to install, and change the installation folder if necessary</p> <p>Click Next</p>	 <p>The screenshot shows the 'Select Features' window. It asks 'Please select which features you would like to install.' Below this, it says 'Click on an icon in the list below to change how a feature is installed.' There is a tree view showing 'ArcGIS Pro' expanded, with 'AI Models' selected. Under 'AI Models', 'Semantic Search' and 'Tool Suggestions' are listed with red 'X' icons. To the right, a 'Feature Description' box says: 'This is the main ArcGIS Pro application. ArcGIS Pro supports data visualization, advanced analysis and authoritative data maintenance in both 2D and 3D.' At the bottom, it says 'Install to: C:\Program Files\ArcGIS\Pro\' with a 'Change...' button. At the very bottom are 'Space', '< Back', 'Next >', and 'Cancel' buttons.</p>


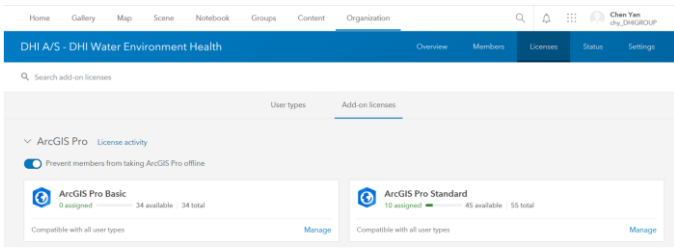
Installation step	Screen
Click Install	
Click Finish	

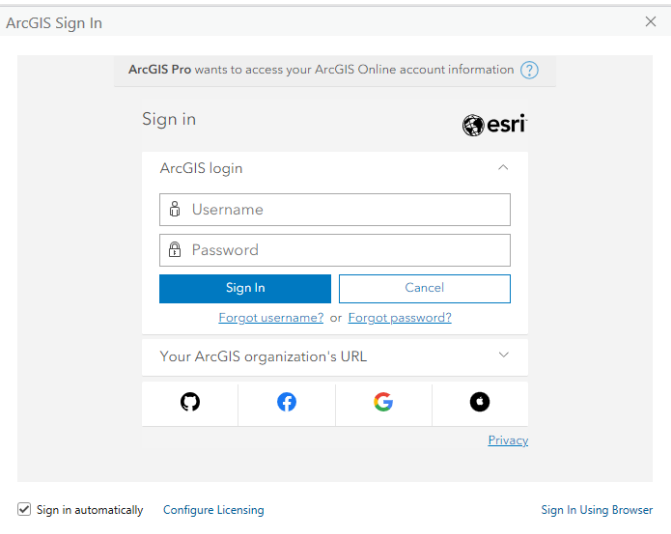
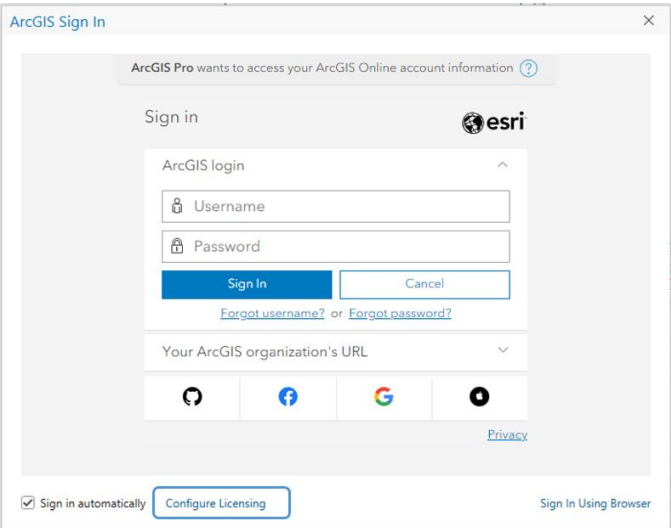
Authorization with a Named User license

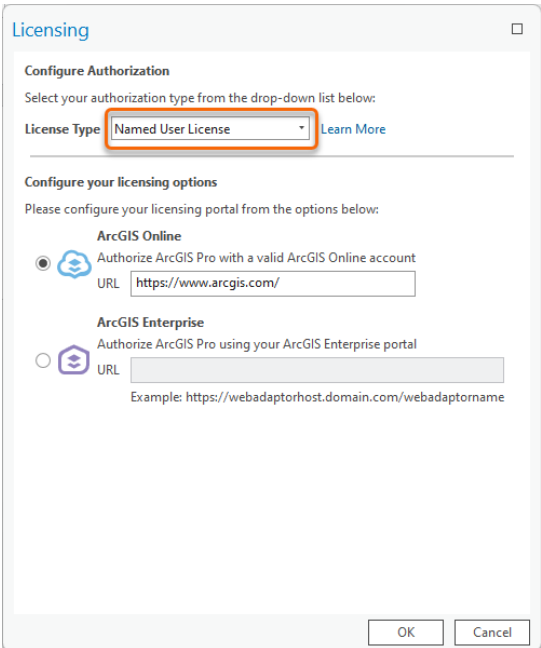
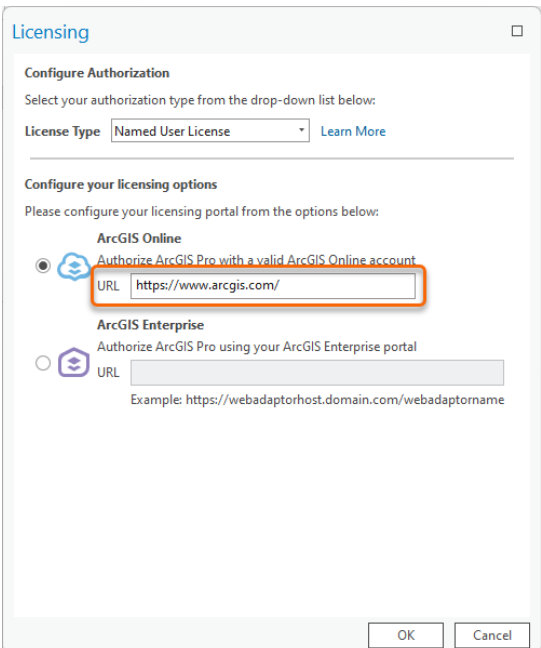
The Named User license (for both Single Use and Concurrent Use) provides an easy authorisation procedure; no physical license server is needed. If you have a Named User license of the ArcGIS Pro software, please follow these instructions to authorize it.

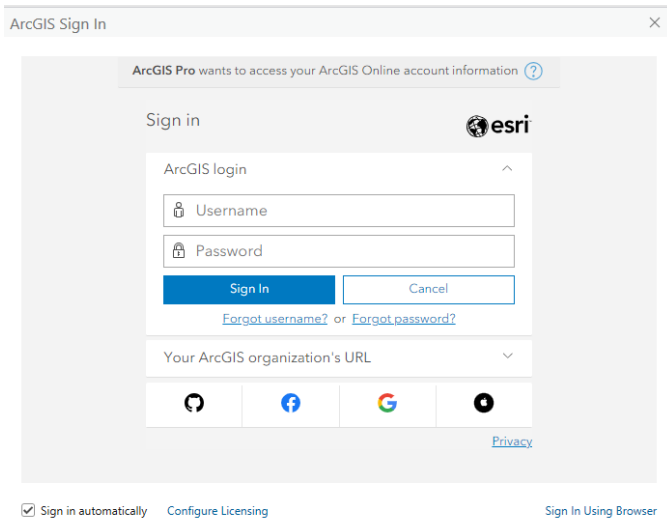
To authorize a Named User license, you must have received an activation email. The first user in your organization to activate the link will be assigned as the 'company admin'. The activation link will lead the user to create an Online Portal where ArcGIS Pro licensing, adding/removing users, and sharing projects/maps based on the cloud solution can be done.

To proceed with the authorization, ensure you have the activation email ready and are connected to the Internet.

Installation step	Screen
<p>Click the activation link and follow the instructions to create the Online Portal for your organization</p> <p>To explore the functionality of ArcGIS Online, click 'Self-Help Resources'</p>	<p>Hello:</p> <p>Here is the information for activating your ArcGIS Online subscription.</p> <p>To activate your subscription, click the following link or copy it into your browser:</p> <p>https://www.arcgis.com/home/activate.html?activationcode=21c10c00938dbd50c2a5</p> <p>Review the terms of use.</p> <p>Your Subscription Information</p> <p>Keep the following subscription ID for your records and reference if you need to contact us.</p> <p>Subscription ID: XXXXXXXXXX Customer number: XXXXXX Customer Name: DHI</p> <p>Self-Help Resources</p> <p>ArcGIS Online help ArcGIS Online forum ArcGIS Online videos ArcGIS Online blog</p>
<p>The first user to click on the activation mail will automatically be assigned as the company admin. The company admin then invites members to join the Online Portal as well as assigns ArcGIS Pro licenses.</p> <p>Note: The invitation letter to a new member must be activated within 14 days.</p>	<p>An invitation to join an ArcGIS Online organization, DHI A/S - DHI Water Environment Health.</p> <p> ArcGIS Notifications <notifications@arcgis.com> To: Chen Yan</p> <p>Chen Yan has invited you to join an ArcGIS Online Organization, DHI A/S - DHI Water Environment Health.</p> <p>Please click this link to finish setting up your account and establish your password to join the organization, DHI A/S - DHI Water Environment Health: https://www.arcgis.com/home/newuser.html?invitation=Add2e1852f0994d1088034</p> <p>This link will expire in 14 day(s).</p> <p>Note that your account has already been created for you with the username, Chen Yan.</p> <p>If you have difficulty signing in, please contact Chen Yan (mailto:chen.yan@dhigroup.com). Be sure to include a description of the problem, the error message, and a screenshot.</p> <p>For your reference, you can access the home page of the organization here: https://dhiarcgis.maps.arcgis.com</p> <p>Experience what's possible with ArcGIS Online for free hands-on lessons and other resources, visit Learn ArcGIS.</p>
<p>To assign ArcGIS Pro license to the existing members:</p> <p>Click the tab 'License' \ 'Manage'.</p> <p>You may watch video tutorials that demonstrate the basics of ArcGIS Online here.</p>	

Installation step	Screen
<p>Activate your Named User License on the local installation of ArcGIS Pro:</p> <p>Launch ArcGIS Pro</p> <p>Sign in using the credentials, which consist of a username and a password.</p>	 <p>The screenshot shows the 'ArcGIS Sign In' dialog box. At the top, it says 'ArcGIS Pro wants to access your ArcGIS Online account information'. Below this is the 'Sign in' section with the Esri logo. It contains an 'ArcGIS login' section with 'Username' and 'Password' fields, a 'Sign In' button, and a 'Cancel' button. Below these are links for 'Forgot username?' and 'Forgot password?'. There is also a dropdown for 'Your ArcGIS organization's URL' and social media icons for GitHub, Facebook, Google, and LinkedIn. At the bottom, there is a 'Privacy' link. At the very bottom of the dialog, there is a checkbox for 'Sign in automatically', a 'Configure Licensing' button, and a 'Sign In Using Browser' link.</p>
<p>Click the 'Configure Licensing' option to switch between deployment types, such as a Single Use, Concurrent, or Named User license.</p>	 <p>This screenshot is identical to the one above, but the 'Configure Licensing' button at the bottom is highlighted with a blue border, indicating it is the next step in the process.</p>

Installation step	Screen
<p>Select the license type 'Named User License'</p>	 <p>The screenshot shows the 'Licensing' dialog box. Under 'Configure Authorization', the 'License Type' dropdown menu is set to 'Named User License' and is highlighted with a red rectangle. Below this, under 'Configure your licensing options', the 'ArcGIS Online' option is selected with a radio button. The URL field for ArcGIS Online is set to 'https://www.arcgis.com/'.</p>
<p>Select the license portal ArcGIS Online, with URL https://www.arcgis.com/</p> <p>Click OK</p>	 <p>This screenshot is identical to the one above, showing the 'Licensing' dialog box with 'ArcGIS Online' selected. The URL field 'https://www.arcgis.com/' is highlighted with a red rectangle.</p>

Installation step	Screen
<p>Enter your Username and Password</p> <p>Click Sign In</p>	

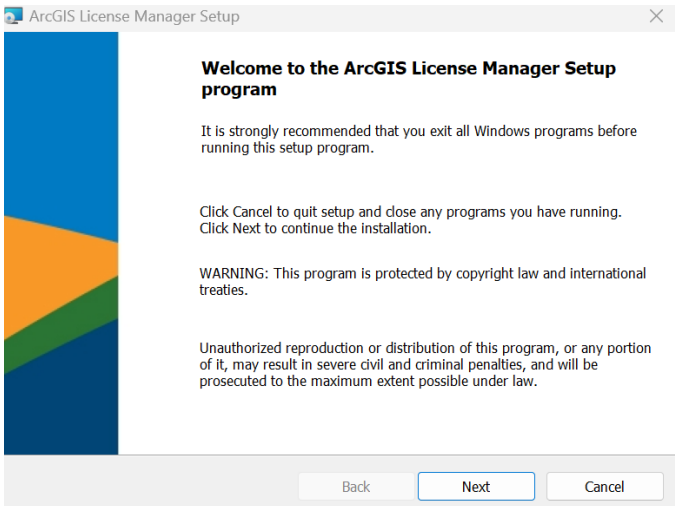

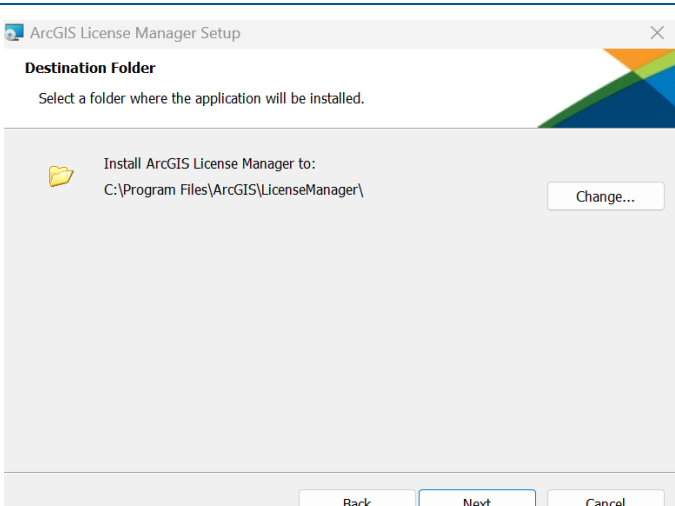
Authorization with a network license server and EFL code

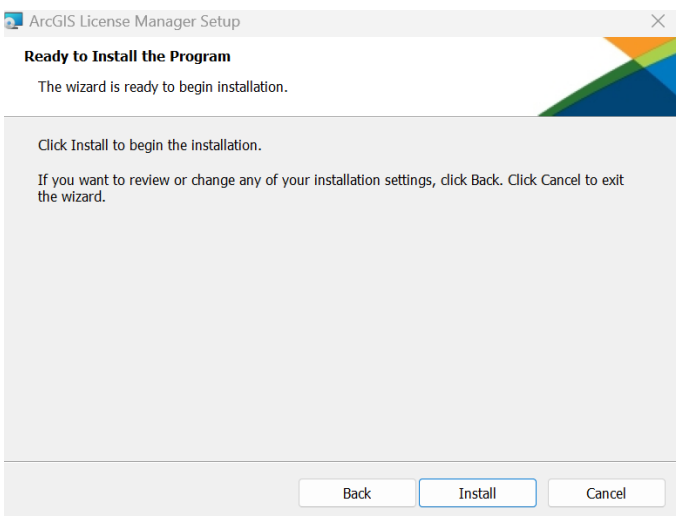
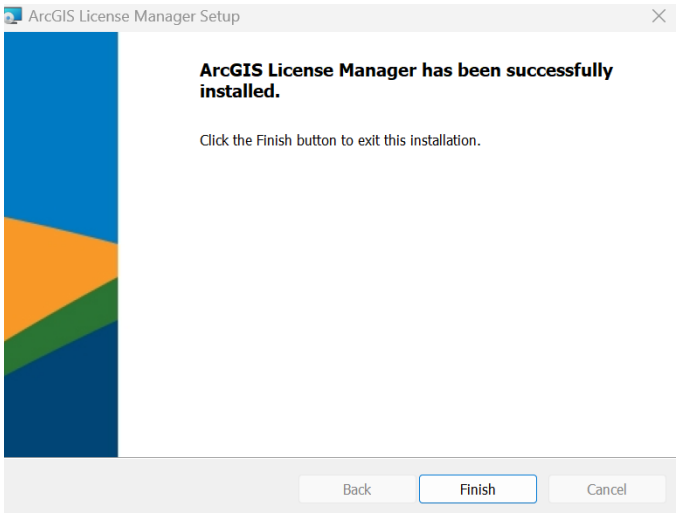
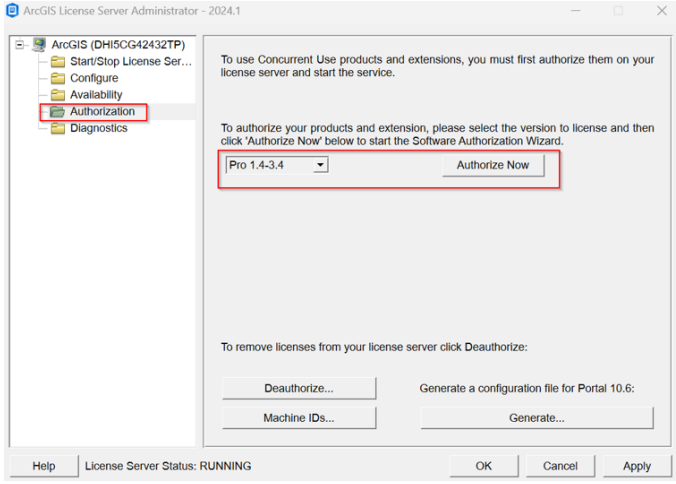
You have received a network license of ArcGIS Pro software with an ELF code (Concurrent Use license, with format EFLXXXXXXXXX). Please follow these instructions to authorize the product.

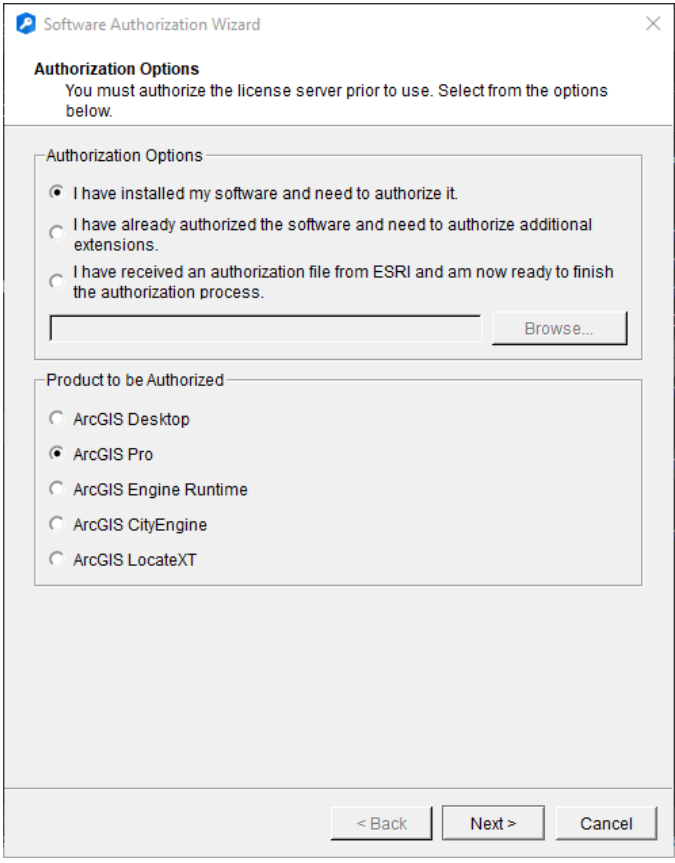
The ArcGIS License Manager in version 2024.1 or higher must be installed to make the licenses available. If you wish to use the software on your local PC without making it available on a network, you can install the ArcGIS License Manager on the local PC. If you wish to use a setup where you use a local installation of ArcGIS Pro and acquire its license from a license server, you can install it on a server in your local network.

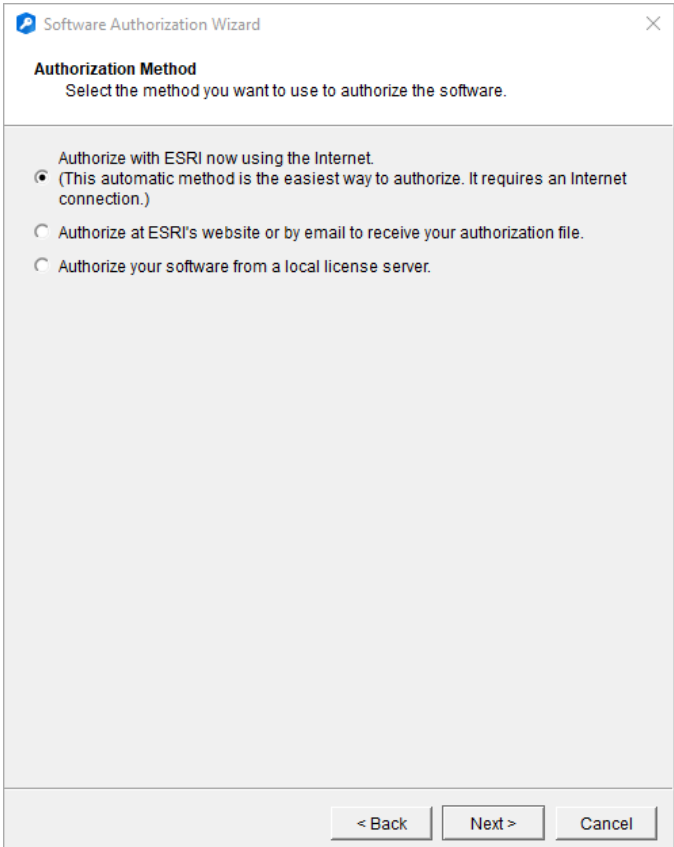
The corresponding installer is located in the “Prerequisites” subfolder of the MIKE+ installation, under the folder ArcGIS License Manager 2024.1. If you already have an older version installed, please install the newer version directly; the older version will be automatically overwritten. Detailed info can be found here: <https://pro.arcgis.com/en/pro-app/get-started/authorize-arcgis-pro-with-concurrent-use-licenses.htm>

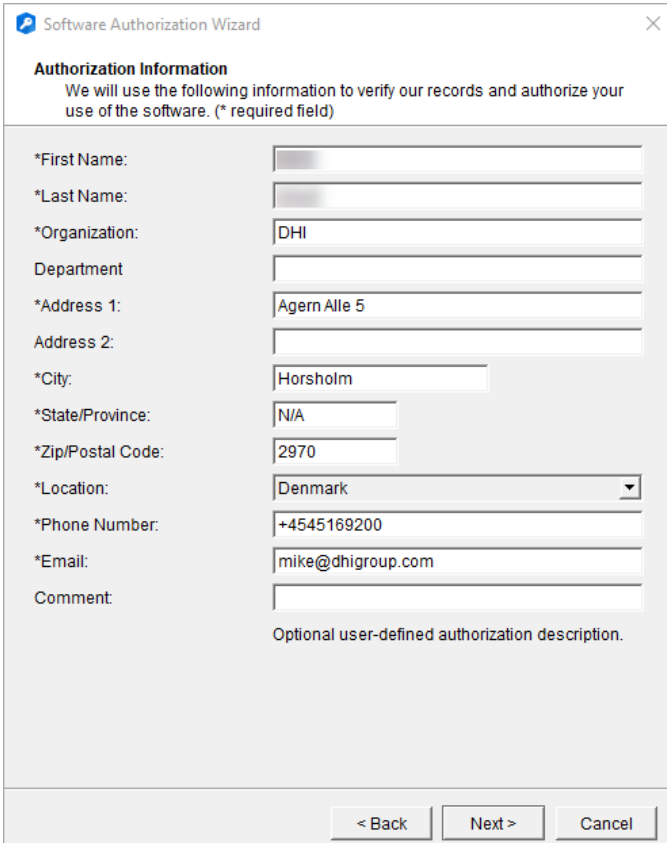
Note: If you have already authorized some seats earlier, they cannot be authorized again unless you have de-authorized them first.

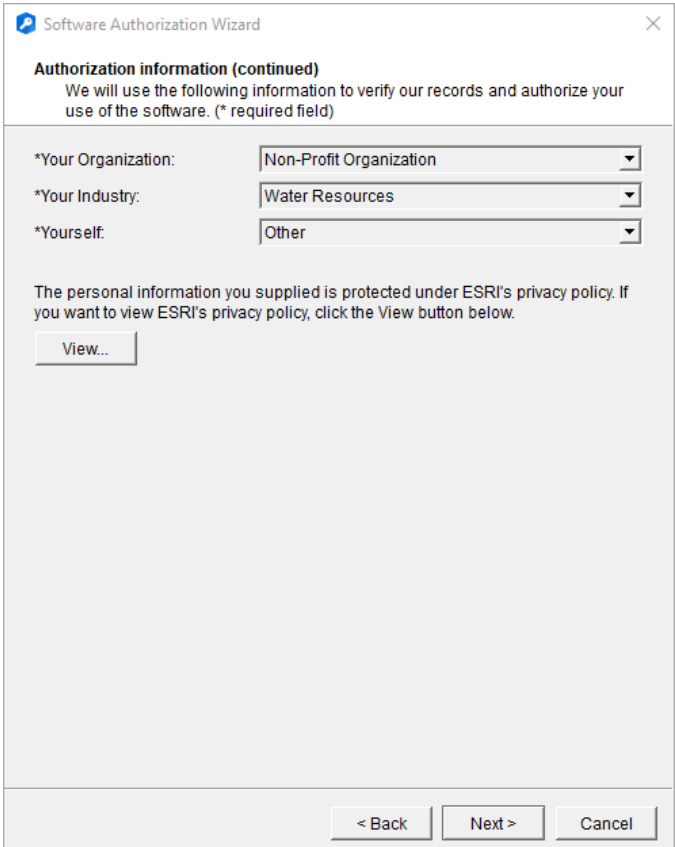
Installation step	Screen
<p>Run the <i>Setup.exe</i> program file from the installation media/download folder, in the 'ArcGIS License Manager 2024.1' folder.</p> <p>Click Next</p>	 <p>The screenshot shows the 'ArcGIS License Manager Setup' window. On the left is a blue and orange graphic. The main text reads: 'Welcome to the ArcGIS License Manager Setup program'. Below this, it says: 'It is strongly recommended that you exit all Windows programs before running this setup program.' Further down, it says: 'Click Cancel to quit setup and close any programs you have running. Click Next to continue the installation.' A 'WARNING' section states: 'This program is protected by copyright law and international treaties. Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under law.' At the bottom are three buttons: 'Back', 'Next' (highlighted), and 'Cancel'.</p>
<p>Select I accept the master agreement</p> <p>Click Next</p>	 <p>The screenshot shows the 'ArcGIS License Manager Setup' window with the 'Master Agreement' tab selected. It says: 'You must agree with the master agreement below to proceed.' The agreement title is 'Master Agreement (E204CW)' with a revision date of 'Revised February 9, 2024' and a note to 'IMPORTANT-READ CAREFULLY'. The text of the agreement states: 'Unless superseded by a signed license agreement between you and Esri, Esri is willing to provide Esri Offerings and Services to you only if you accept all terms and conditions contained in this Agreement as the sole and final agreement of the parties regarding your acquisition of these Esri Offerings and Services. Please read the terms and conditions carefully.' There are two radio buttons: 'I accept the master agreement' (selected) and 'I do not accept the master agreement'. A 'Print' button is on the right. At the bottom left is a link: 'Agreement PDFs (all languages)'. At the bottom are three buttons: 'Back', 'Next' (highlighted), and 'Cancel'.</p>
<p>Click Next</p>	 <p>The screenshot shows the 'ArcGIS License Manager Setup' window with the 'Destination Folder' tab selected. It says: 'Select a folder where the application will be installed.' Below this, it shows a folder icon and the text: 'Install ArcGIS License Manager to: C:\Program Files\ArcGIS\LicenseManager\'. A 'Change...' button is on the right. At the bottom are three buttons: 'Back', 'Next' (highlighted), and 'Cancel'.</p>

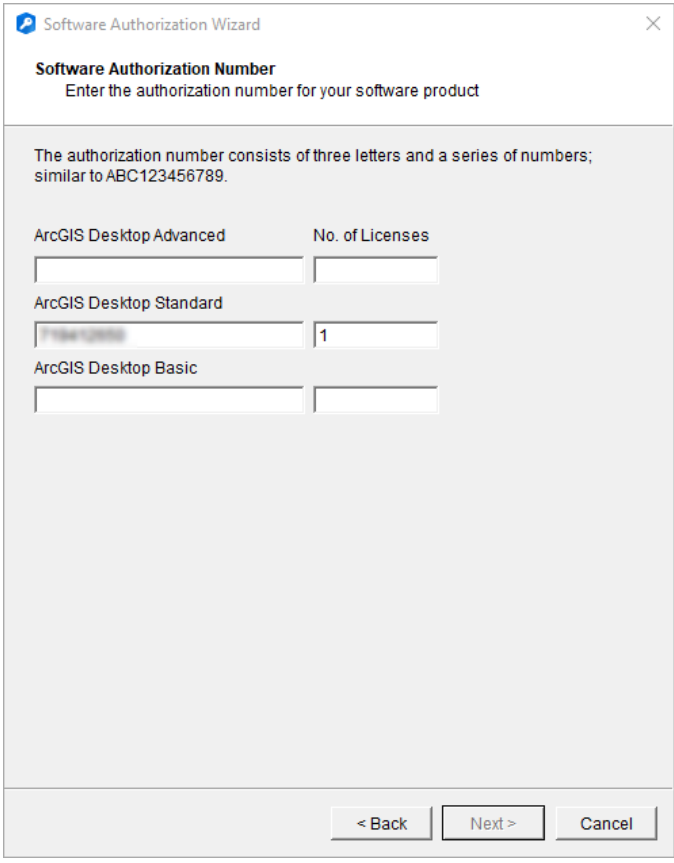
Installation step	Screen
Click Install The process may take several minutes	
Click Finish	
Select the version: Pro 1.4-3.4 Click Authorize Now	

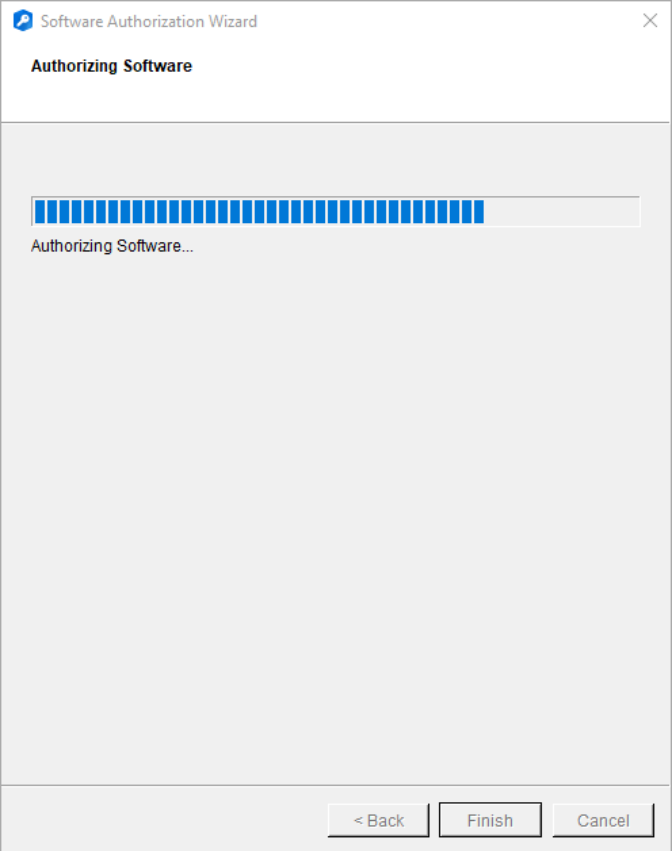
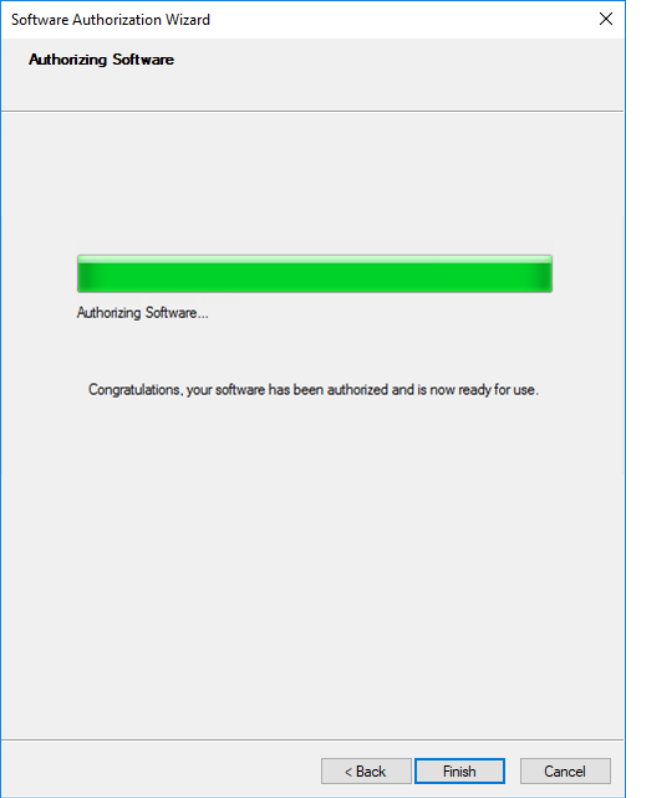
Installation step	Screen
<p>Select 'I have installed my software and need to authorize it'</p> <p>Select the product ArcGIS Pro</p> <p>Click Next</p>	

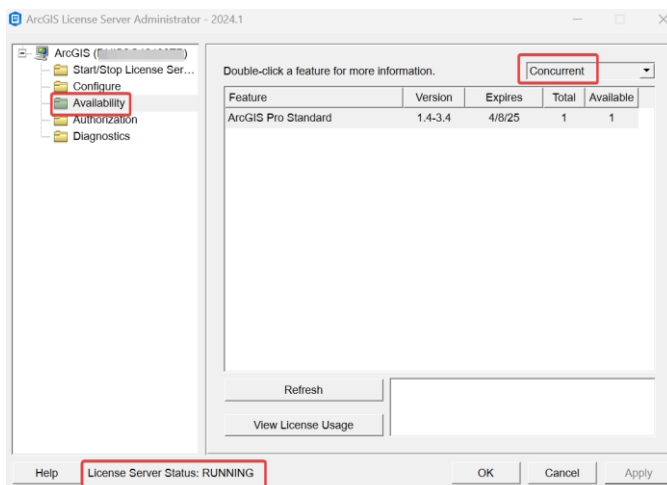
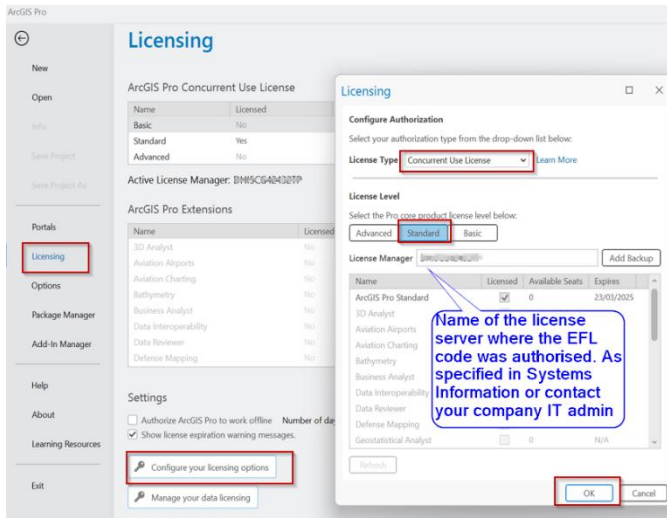
Installation step	Screen
<p>Select this option</p> <p>Click Next</p>	

Installation step	Screen
<p>Fill in the necessary information</p> <p>Click Next</p>	

Installation step	Screen
<p>Fill in the necessary information</p> <p>Click Next</p>	

Installation step	Screen
<p>Fill in your ArcGIS Authorization code starting with EFL, and select the number of seats you would like to authorize (1 seat per purchased license)</p> <p>Note: If you have already authorized some seats earlier, they cannot be authorized again unless you have de-authorized them</p> <p>Click Next</p>	

Installation step	Screen
<p>The authorization process may take a couple of minutes</p>	 <p>The screenshot shows a window titled 'Software Authorization Wizard' with a close button (X) in the top right corner. Below the title bar is a header area with the text 'Authorizing Software'. The main area contains a progress bar with blue segments, followed by the text 'Authorizing Software...'. At the bottom, there are three buttons: '< Back', 'Finish', and 'Cancel'.</p>
<p>Click Finish</p>	 <p>The screenshot shows the same 'Software Authorization Wizard' window. The progress bar is now a solid green bar, indicating completion. Below the progress bar, the text 'Authorizing Software...' is still present. Further down, a message reads: 'Congratulations, your software has been authorized and is now ready for use.' The buttons at the bottom are '< Back', 'Finish' (which is highlighted with a blue border), and 'Cancel'.</p>

Installation step	Screen																																																																						
<p>In the ArcGIS License Server Administrator, select Availability from the menu to view the list of available licenses and their status</p> <p>Click OK, and the authorization of the Concurrent Use license is finalised.</p> <p>Let us now connect the machine to the license server.</p>	 <p>ArcGIS License Server Administrator - 2024.1</p> <p>Double-click a feature for more information.</p> <p>Concurrent</p> <table><thead><tr><th>Feature</th><th>Version</th><th>Expires</th><th>Total</th><th>Available</th></tr></thead><tbody><tr><td>ArcGIS Pro Standard</td><td>1.4-3.4</td><td>4/8/25</td><td>1</td><td>1</td></tr></tbody></table> <p>Refresh</p> <p>View License Usage</p> <p>Help License Server Status: RUNNING OK Cancel Apply</p>	Feature	Version	Expires	Total	Available	ArcGIS Pro Standard	1.4-3.4	4/8/25	1	1																																																												
Feature	Version	Expires	Total	Available																																																																			
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<p>Launch ArcGIS Pro from the machine where you wish to run MIKE+ and ArcGIS Pro</p> <p>Select Licensing</p> <p>Click 'Configure your licensing options' under Settings</p> <p>Select the appropriate settings and specify the license manager's hostname / IP address / Port</p> <p>Click OK, and now you are ready to start ArcGIS Pro</p>	 <p>ArcGIS Pro</p> <p>Licensing</p> <p>ArcGIS Pro Concurrent Use License</p> <table><thead><tr><th>Name</th><th>Licensed</th></tr></thead><tbody><tr><td>Basic</td><td>No</td></tr><tr><td>Standard</td><td>Yes</td></tr><tr><td>Advanced</td><td>No</td></tr></tbody></table> <p>Active License Manager: BHM5CG4B4327P</p> <p>ArcGIS Pro Extensions</p> <table><thead><tr><th>Name</th><th>Licensed</th></tr></thead><tbody><tr><td>3D Analyst</td><td>No</td></tr><tr><td>Aviation Airports</td><td>No</td></tr><tr><td>Aviation Charting</td><td>No</td></tr><tr><td>Bathymetry</td><td>No</td></tr><tr><td>Business Analyst</td><td>No</td></tr><tr><td>Data Interoperability</td><td>No</td></tr><tr><td>Data Reviewer</td><td>No</td></tr><tr><td>Defense Mapping</td><td>No</td></tr></tbody></table> <p>Settings</p> <p><input type="checkbox"/> Authorize ArcGIS Pro to work offline. Number of days: 14</p> <p><input checked="" type="checkbox"/> Show license expiration warning messages.</p> <p>Configure your licensing options Manage your data licensing</p> <p>Learn more about licensing</p> <p>Licensing</p> <p>Configure Authorization</p> <p>Select your authorization type from the drop-down list below:</p> <p>License Type: Concurrent Use License Learn More</p> <p>License Level</p> <p>Select the Pro, pro product license level below:</p> <p>Advanced Standard Basic</p> <p>License Manager: BHM5CG4B4327P Add Backup</p> <table><thead><tr><th>Name</th><th>Licensed</th><th>Available Seats</th><th>Expires</th></tr></thead><tbody><tr><td>ArcGIS Pro Standard</td><td><input checked="" type="checkbox"/></td><td>0</td><td>23/03/2025</td></tr><tr><td>3D Analyst</td><td><input type="checkbox"/></td><td>0</td><td>N/A</td></tr><tr><td>Aviation Airports</td><td><input type="checkbox"/></td><td>0</td><td>N/A</td></tr><tr><td>Aviation Charting</td><td><input type="checkbox"/></td><td>0</td><td>N/A</td></tr><tr><td>Bathymetry</td><td><input type="checkbox"/></td><td>0</td><td>N/A</td></tr><tr><td>Business Analyst</td><td><input type="checkbox"/></td><td>0</td><td>N/A</td></tr><tr><td>Data Interoperability</td><td><input type="checkbox"/></td><td>0</td><td>N/A</td></tr><tr><td>Data Reviewer</td><td><input type="checkbox"/></td><td>0</td><td>N/A</td></tr><tr><td>Defense Mapping</td><td><input type="checkbox"/></td><td>0</td><td>N/A</td></tr><tr><td>Geostatistical Analyst</td><td><input type="checkbox"/></td><td>0</td><td>N/A</td></tr></tbody></table> <p>Refresh</p> <p>OK Cancel</p> <p>Name of the license server where the EFL code was authorised. As specified in Systems Information or contact your company IT admin</p>	Name	Licensed	Basic	No	Standard	Yes	Advanced	No	Name	Licensed	3D Analyst	No	Aviation Airports	No	Aviation Charting	No	Bathymetry	No	Business Analyst	No	Data Interoperability	No	Data Reviewer	No	Defense Mapping	No	Name	Licensed	Available Seats	Expires	ArcGIS Pro Standard	<input checked="" type="checkbox"/>	0	23/03/2025	3D Analyst	<input type="checkbox"/>	0	N/A	Aviation Airports	<input type="checkbox"/>	0	N/A	Aviation Charting	<input type="checkbox"/>	0	N/A	Bathymetry	<input type="checkbox"/>	0	N/A	Business Analyst	<input type="checkbox"/>	0	N/A	Data Interoperability	<input type="checkbox"/>	0	N/A	Data Reviewer	<input type="checkbox"/>	0	N/A	Defense Mapping	<input type="checkbox"/>	0	N/A	Geostatistical Analyst	<input type="checkbox"/>	0	N/A
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