

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 14.2 and PostGIS 3.2.0. 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. .NET framework 4.7.2, or .NET framework 4.8 when also installing ArcGIS Pro 2.9.

3 MIKE+ Installation/Upgrade

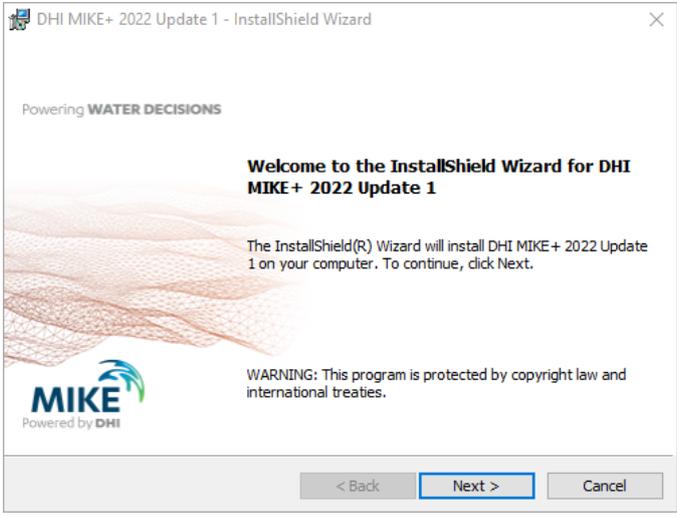
The installation process consists of four parts.

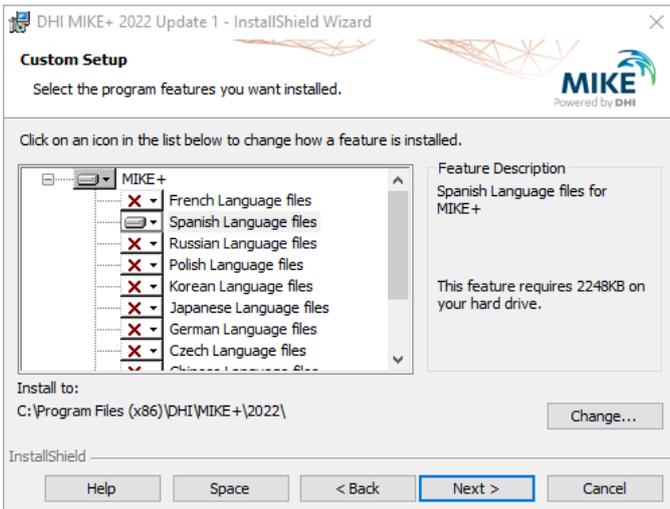
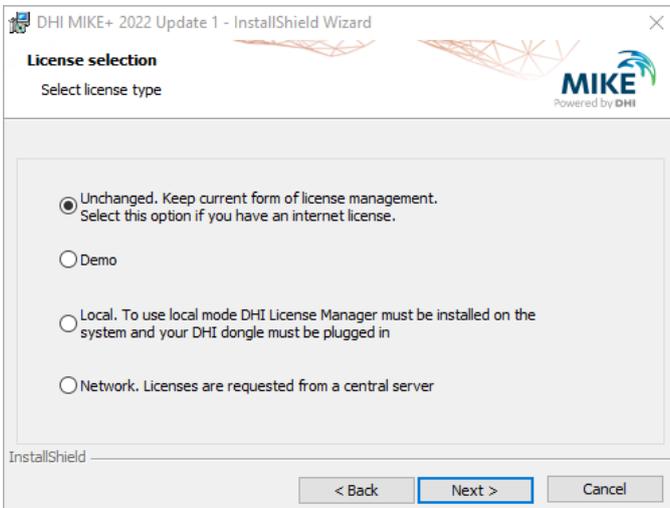
1. Installation of MIKE+.
2. Optional installation of DHI License Management.
3. Optional installation of PostgreSQL and PostGIS.
4. Optional installation of ArcGIS Pro.

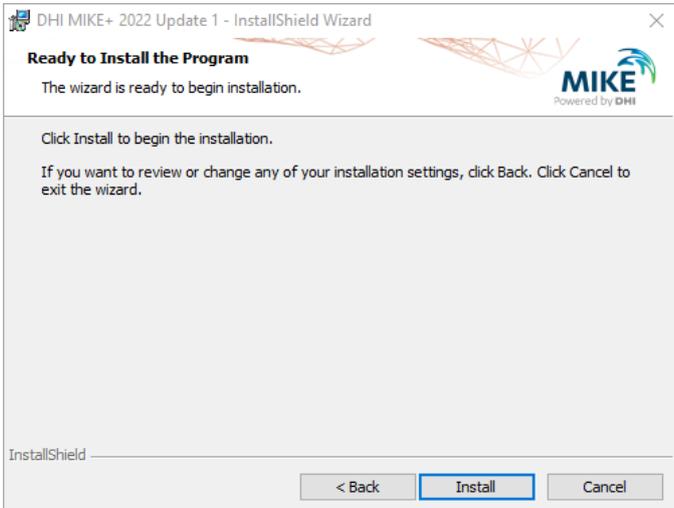
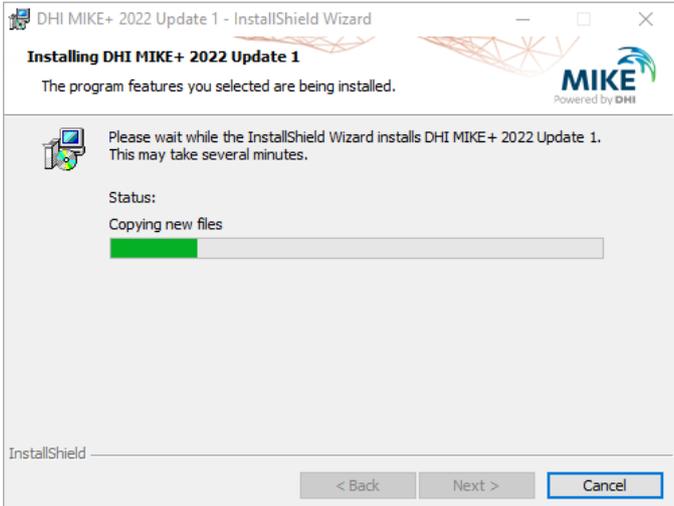
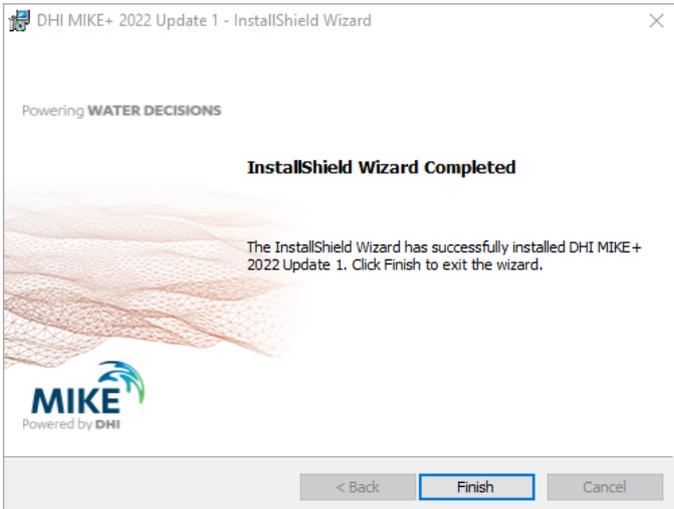
Installation of MIKE+ software is simple and requires no user interactions beyond accepting the license conditions, specifying the installation folder and languages that should be installed besides English, and includes installation of the personal database SQLite with a Spatialite extension.

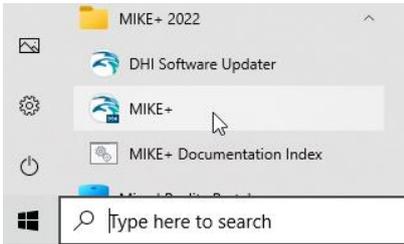
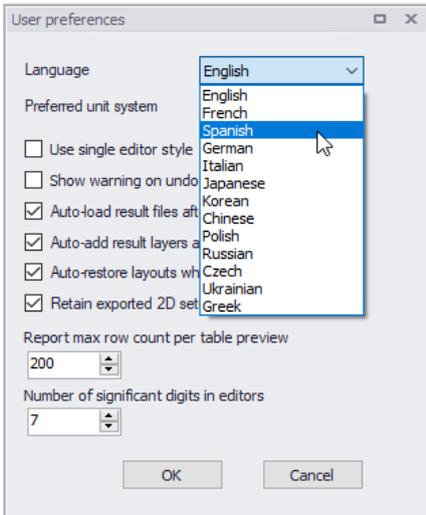
The following table explains how to install MIKE+.

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>Select the languages you want to install on the computer (besides English)</p> <p>Click Next</p>	
<p>Select the license type. This may be modified after the installation if required.</p> <p>Click Next</p>	

Installation step	Screen
<p>Click Install</p>	
<p>Wait</p>	
<p>Click Finish</p>	

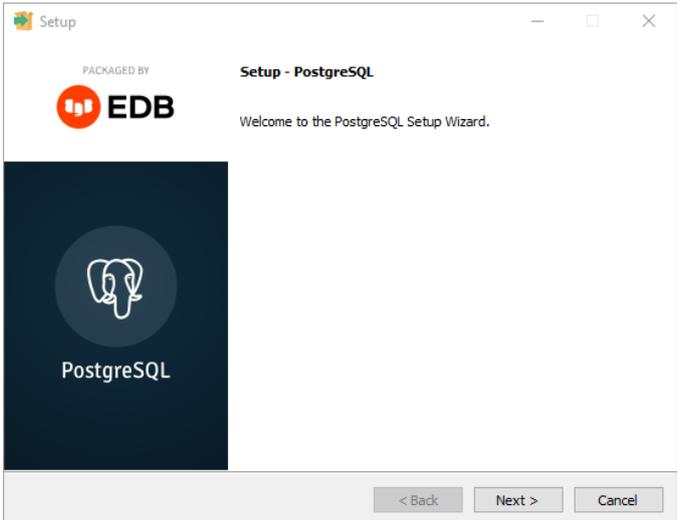
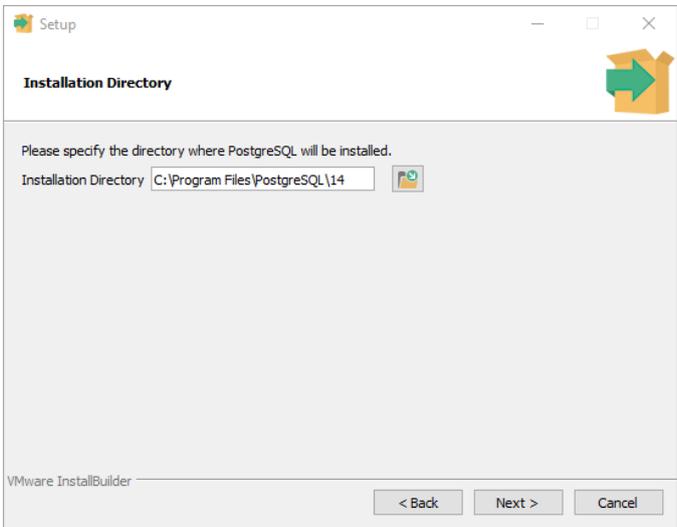
Installation step	Screen
<p>If you have installed another language than English, Open MIKE+ to finish the language configuration.</p>	
<p>Go to the File menu, and select User preferences. Select the desired language, and close MIKE+.</p>	

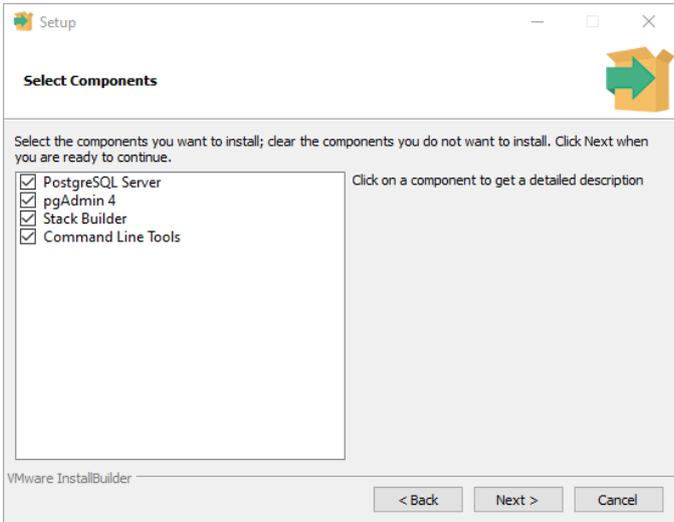
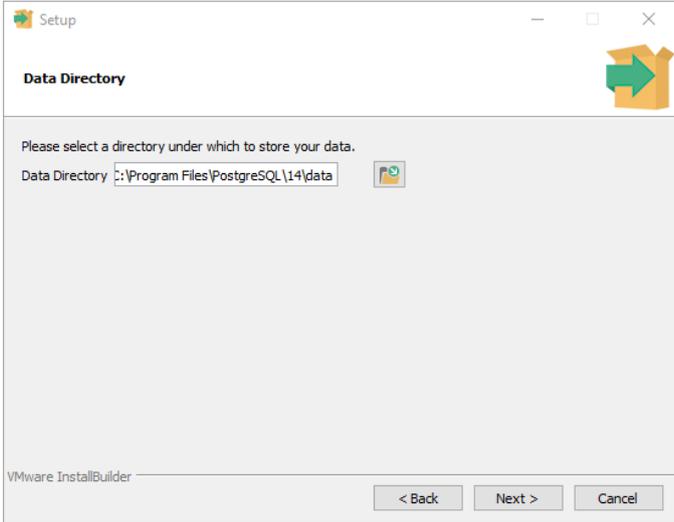
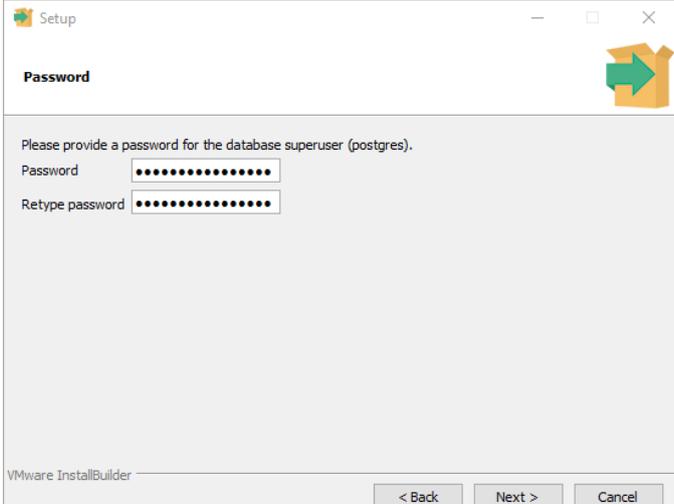
APPENDIX A: Install PostgreSQL and PostGIS

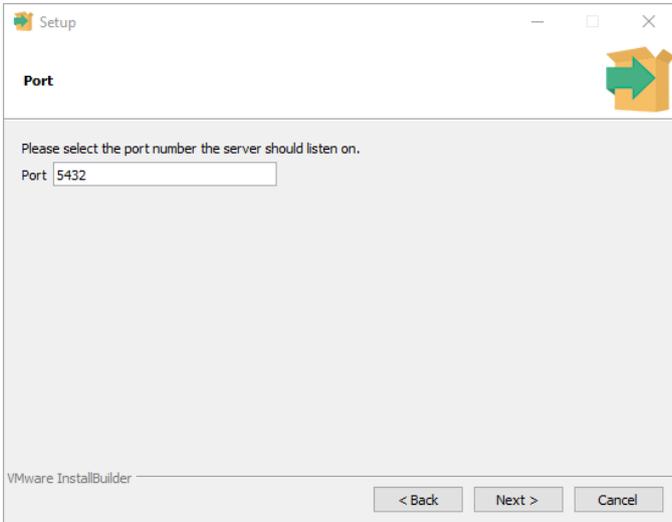
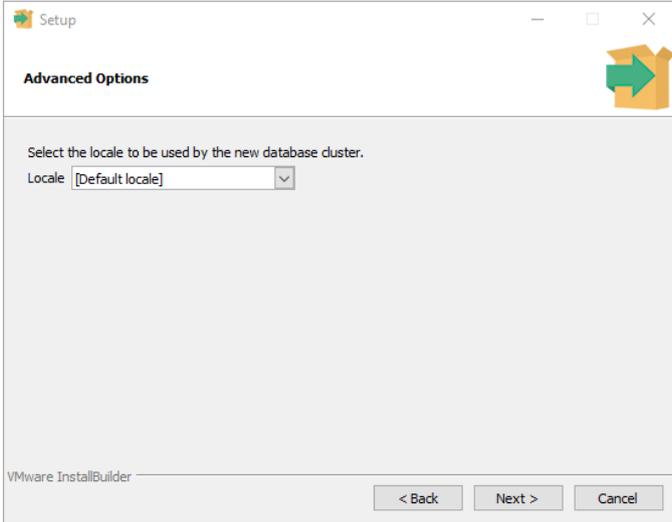
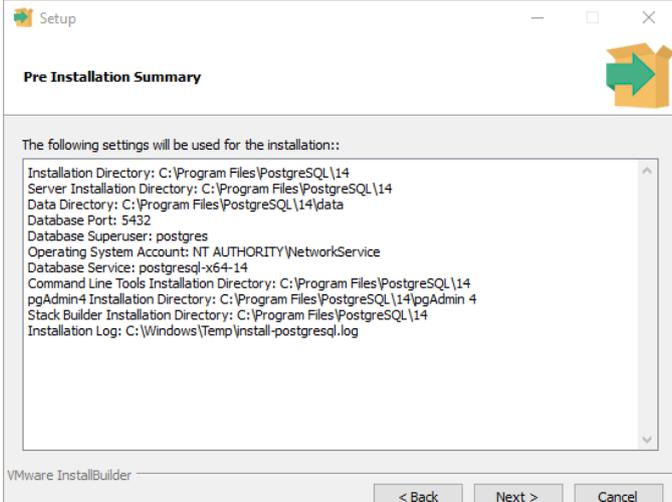
As mentioned in Chapter 2, it is possible to use a PostgreSQL database.

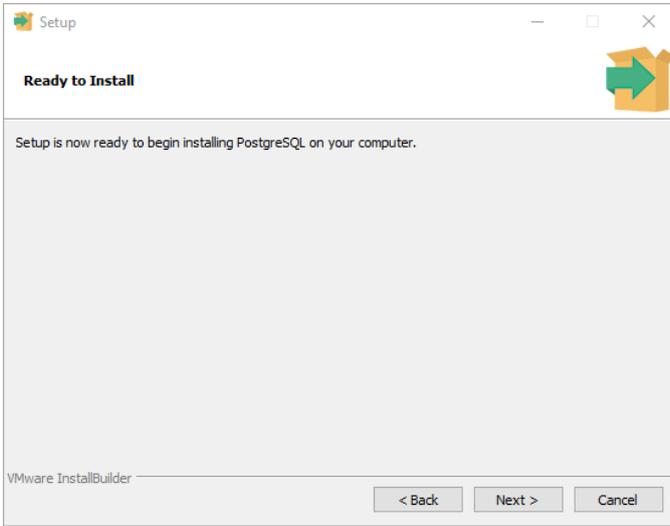
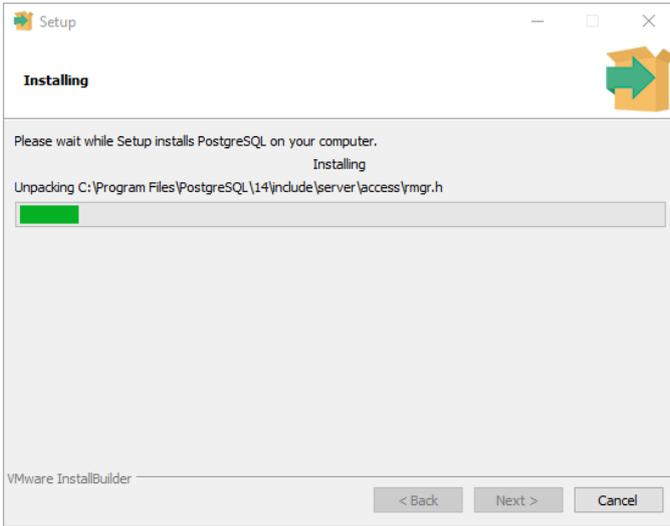
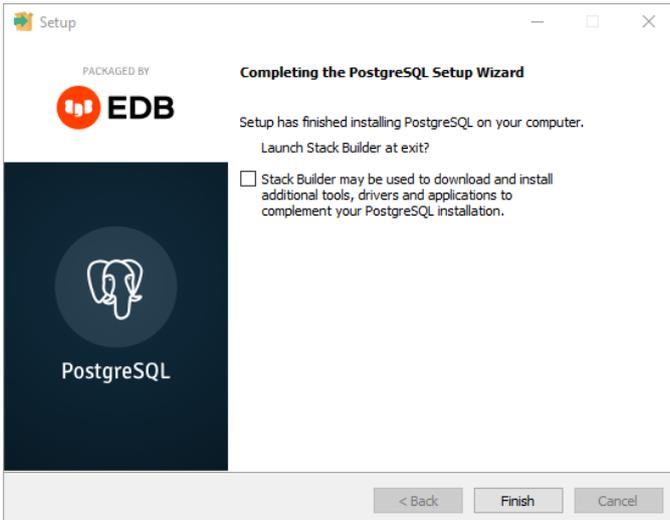
PostgreSQL Installation

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 text 'Welcome to the PostgreSQL Setup Wizard.' Below this is a dark blue square with the PostgreSQL elephant logo and the text 'PostgreSQL'. At the bottom, there are three buttons: '< 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 contains the text 'Please specify the directory where PostgreSQL will be installed.' Below this is a text box with the path 'C:\Program Files\PostgreSQL\14' and a folder icon. At the bottom, there are three buttons: '< 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>	

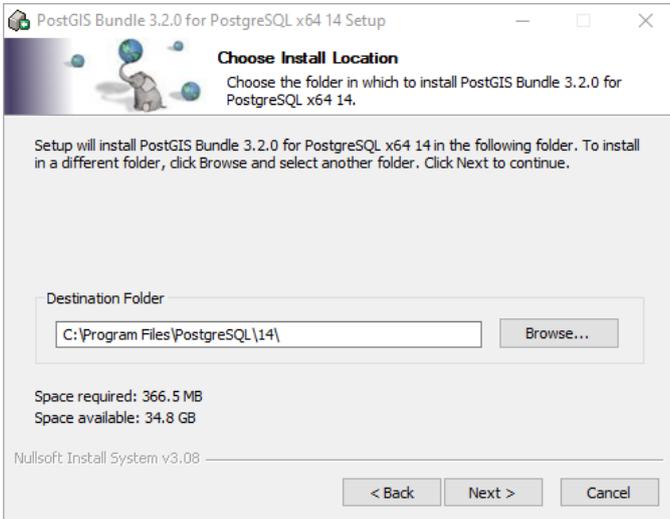
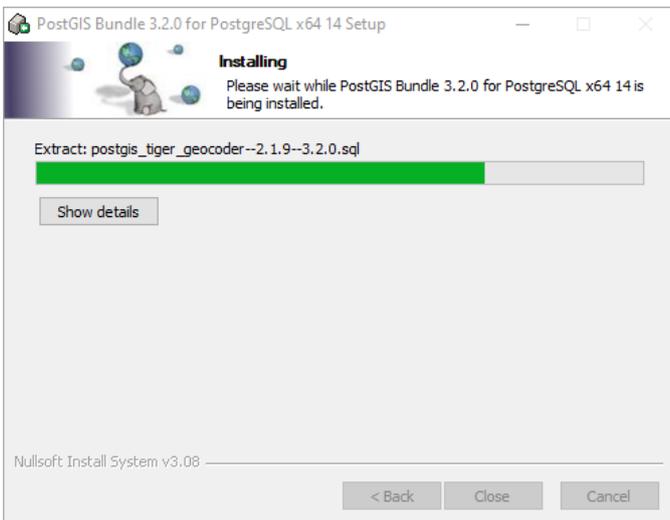
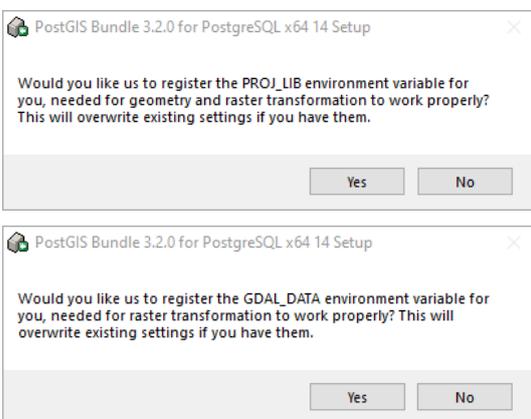
Installation step	Screen
<p>Accept the default port number (5432)</p> <p>Click Next</p>	
<p>Leave the "Locale" as "Default Locale"</p> <p>Click Next</p>	
<p>Verify the installation summary.</p> <p>Click Next</p>	

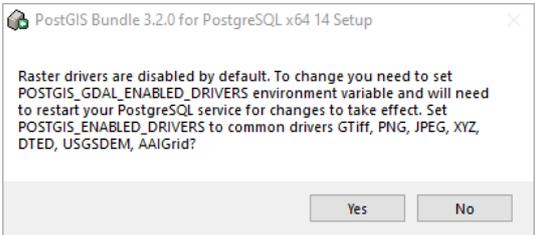
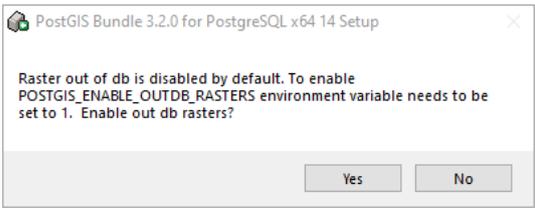
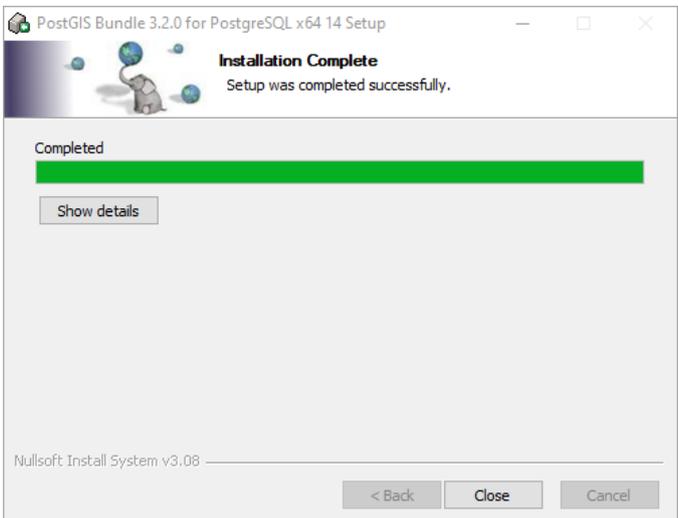
Installation step	Screen
<p>Click Next</p>	
<p>Installing</p>	
<p>The database server installation has finished</p> <p>Click off the “Launch Stack Builder at exit?” option and then click Finish</p>	

PostGIS Installation

The following table explains how to install PostGIS database extension. The postgis-bundle-pg14x64-setup-x.x.x-x.exe installer is located in the “Prerequisites” sub-folder of the MIKE+ installation.

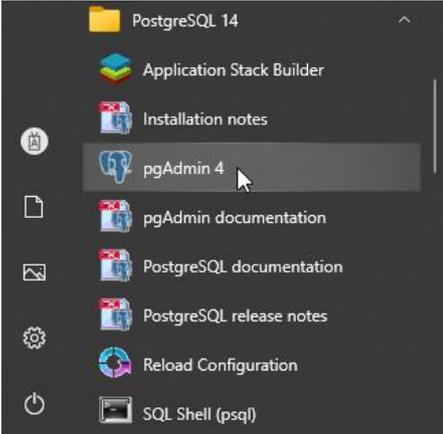
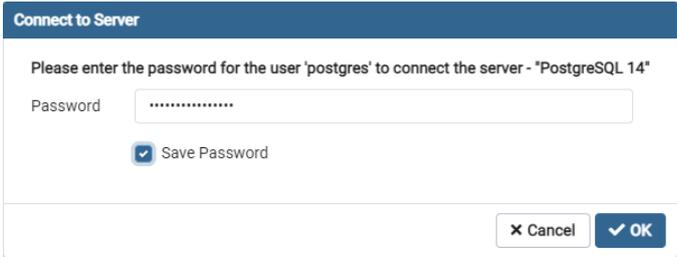
Installation step	Screen
<p>Run the PostGIS installation program (e.g. postgis-bundle-pg14x64-setup-x.x.x-x.exe)</p>	
<p>Start of installation</p> <p>Click I Agree</p>	
<p>Leave “Create spatial database” unchecked.</p> <p>Click Next</p>	

Installation step	Screen
<p>Accept the default folder.</p> <p>Click Next</p>	 <p>The screenshot shows the 'Choose Install Location' dialog box. It prompts the user to choose a folder for installation. The 'Destination Folder' field is pre-filled with 'C:\Program Files\PostgreSQL\14\'. Below the field, it indicates 'Space required: 366.5 MB' and 'Space available: 34.8 GB'. At the bottom, there are '< Back', 'Next >', and 'Cancel' buttons.</p>
<p>Installing</p>	 <p>The screenshot shows the 'Installing' dialog box. It displays a progress bar for the extraction of 'postgis_tiger_geocoder--2.1.9--3.2.0.sql'. A 'Show details' button is visible below the progress bar. At the bottom, there are '< Back', 'Close', and 'Cancel' buttons.</p>
<p>Click Yes to register the PROJ_LIB and GDAL_DATA environment variables</p>	 <p>The first screenshot asks: 'Would you like us to register the PROJ_LIB environment variable for you, needed for geometry and raster transformation to work properly? This will overwrite existing settings if you have them.' It has 'Yes' and 'No' buttons.</p> <p>The second screenshot asks: 'Would you like us to register the GDAL_DATA environment variable for you, needed for raster transformation to work properly? This will overwrite existing settings if you have them.' It also has 'Yes' and 'No' buttons.</p>

Installation step	Screen
<p>Click Yes</p>	
<p>Click Yes</p>	
<p>The installation has finished Click Close</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.

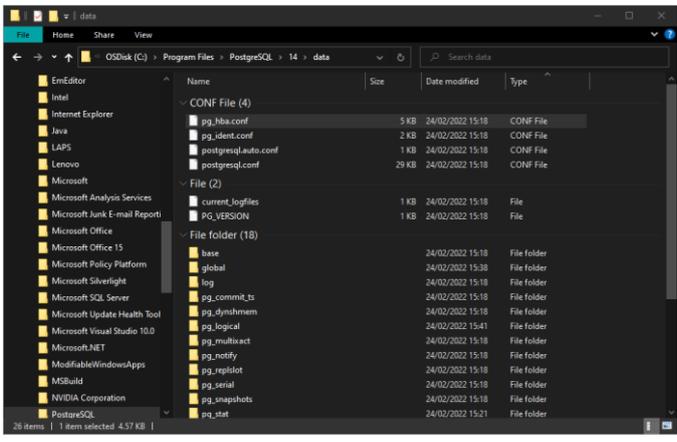
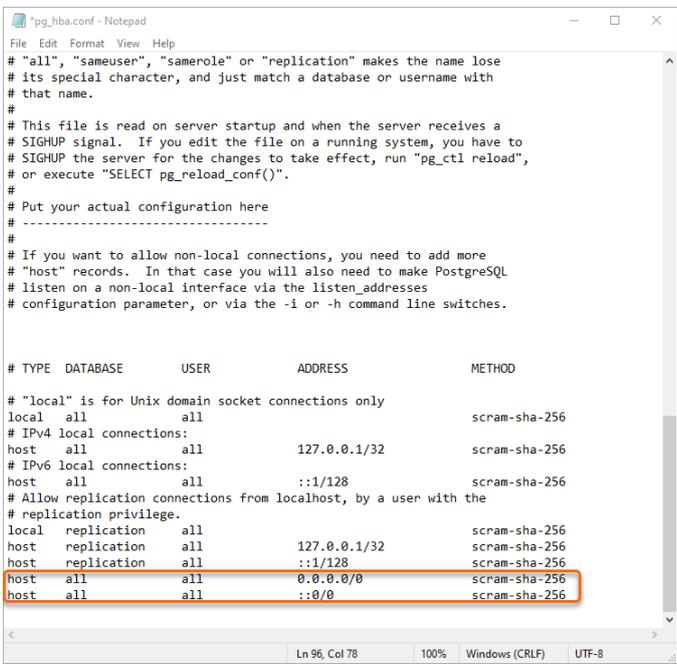
Installation step	Screen
<p>Start the pgAdmin 4 database administration tool from the Windows Start menu</p>	
<p>In the left panel, expand the list of servers</p>	
<p>It will request a password to connect to the database. If this window doesn't show up, right click the database server and select "Connect Server"</p> <p>Provide the password for the postgres user and tick on the "Save Password" option</p> <p>Click OK</p>	

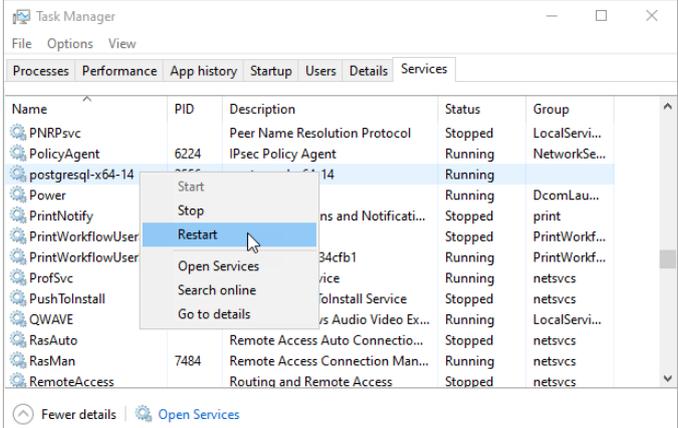
APPENDIX C: Configuring the PostgreSQL Database Server for remote access

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.

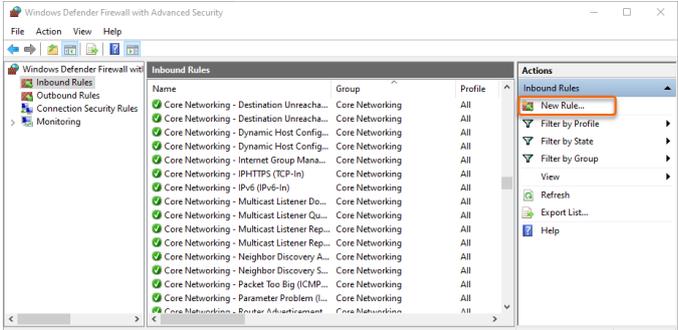
Start by enabling password save as shown in APPENDIX B.

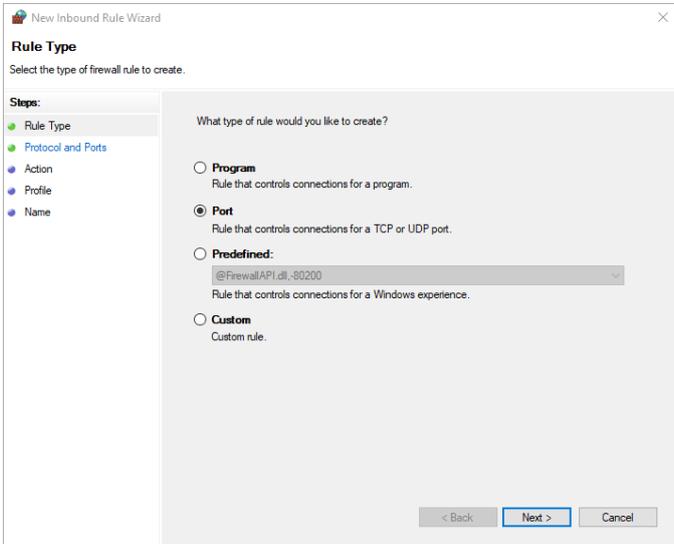
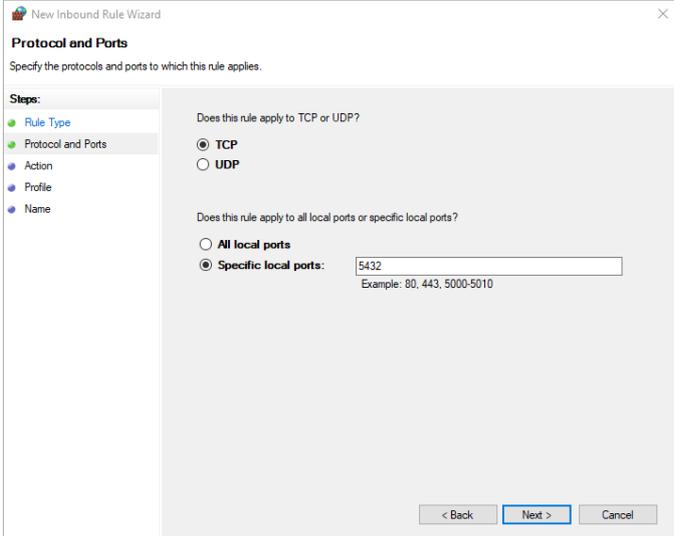
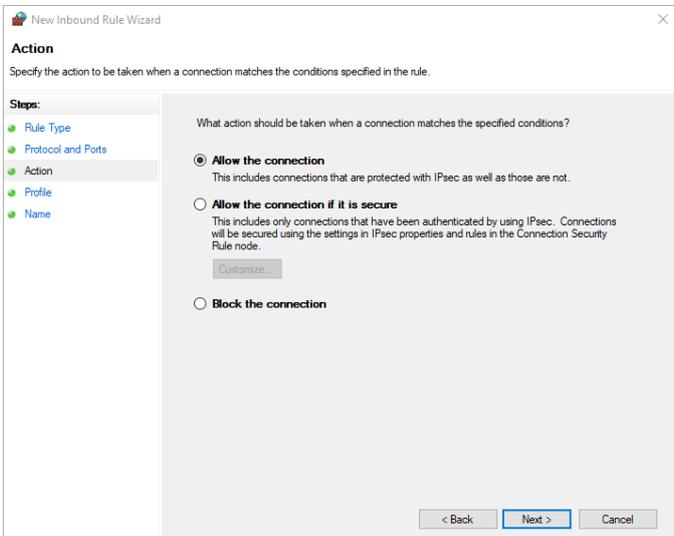
Installation step	Screen
<p>Locate the <code>pg_hba.conf</code> file in the data folder (<code>C:\Program Files\PostgreSQL\14\data</code>) and open it in an editor e.g. Notepad</p>	
<p>Insert new line(s) to open up for all non-local connections to database as shown on the right</p> <p>Open for IPv4: host all all 0.0.0.0/0 scram-sha-256</p> <p>Open for IPv6: host all all ::0/0 scram-sha-256</p> <p>Adjust spaces!</p> <p>Save the configuration.</p>	 <pre> File Edit Format View Help # "all", "sameuser", "samerole" or "replication" makes the name lose # its special character, and just match a database or username with # that name. # # This file is read on server startup and when the server receives a # SIGHUP signal. If you edit the file on a running system, you have to # SIGHUP the server for the changes to take effect, run "pg_ctl reload", # or execute "SELECT pg_reload_conf()". # # Put your actual configuration here #----- # # If you want to allow non-local connections, you need to add more # "host" records. In that case you will also need to make PostgreSQL # listen on a non-local interface via the listen_addresses # configuration parameter, or via the -i or -h command line switches. # # TYPE DATABASE USER ADDRESS METHOD # "local" is for Unix domain socket connections only local all all scram-sha-256 # IPv4 local connections: host all all 127.0.0.1/32 scram-sha-256 # IPv6 local connections: host all all ::1/128 scram-sha-256 # Allow replication connections from localhost, by a user with the # replication privilege. local replication all scram-sha-256 host replication all 127.0.0.1/32 scram-sha-256 host replication all ::1/128 scram-sha-256 host all all 0.0.0.0/0 scram-sha-256 host all all ::0/0 scram-sha-256 </pre>

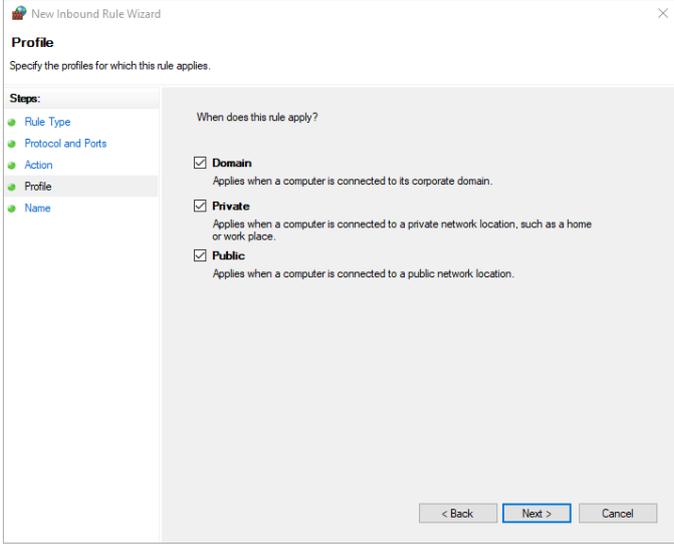
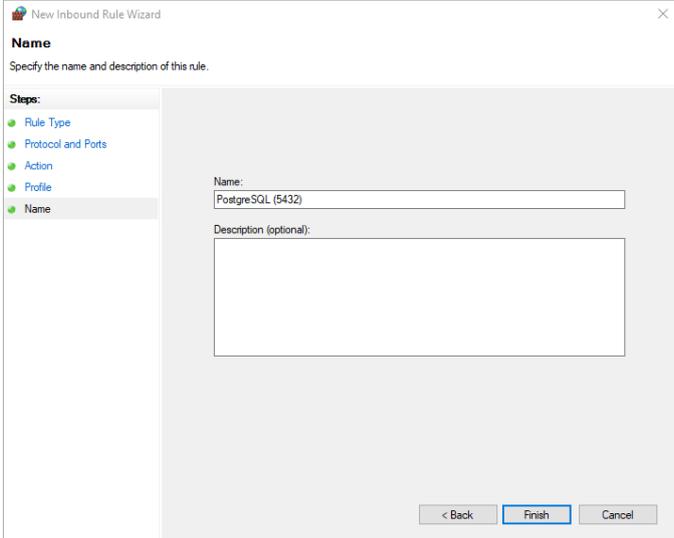
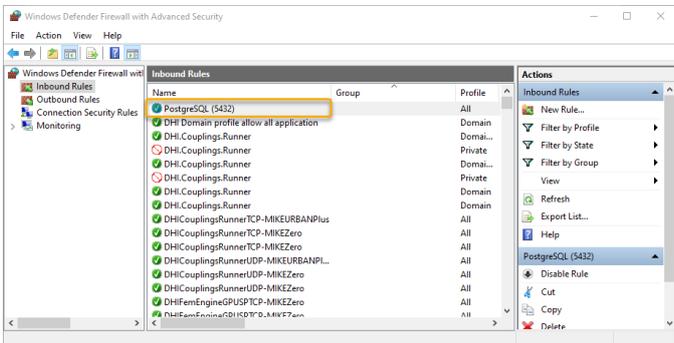
Installation step	Screen
<p>Open the Task Manager</p> <p>Restart the PostgreSQL services to apply the update.</p>	

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>New Inbound Rule Wizard</p> <p>Rule Type</p> <p>Select the type of firewall rule to create.</p> <p>Steps:</p> <ul style="list-style-type: none"> Rule Type Protocol and Ports Action Profile Name <p>What type of rule would you like to create?</p> <p><input type="radio"/> Program Rule that controls connections for a program.</p> <p><input checked="" type="radio"/> Port Rule that controls connections for a TCP or UDP port.</p> <p><input type="radio"/> Predefined: @FirewallAPI.dll - 80200 Rule that controls connections for a Windows experience.</p> <p><input type="radio"/> Custom Custom rule.</p> <p>< Back Next > Cancel</p>
<p>Select TCP, Specific local ports and enter 5432 (or the port number specified when installing PostgreSQL)</p> <p>Click Next</p>	 <p>New Inbound Rule Wizard</p> <p>Protocol and Ports</p> <p>Specify the protocols and ports to which this rule applies.</p> <p>Steps:</p> <ul style="list-style-type: none"> Rule Type Protocol and Ports Action Profile Name <p>Does this rule apply to TCP or UDP?</p> <p><input checked="" type="radio"/> TCP</p> <p><input type="radio"/> UDP</p> <p>Does this rule apply to all local ports or specific local ports?</p> <p><input type="radio"/> All local ports</p> <p><input checked="" type="radio"/> Specific local ports: 5432 Example: 80, 443, 5000-5010</p> <p>< Back Next > Cancel</p>
<p>Select Allow the connection</p> <p>Click Next</p>	 <p>New Inbound Rule Wizard</p> <p>Action</p> <p>Specify the action to be taken when a connection matches the conditions specified in the rule.</p> <p>Steps:</p> <ul style="list-style-type: none"> Rule Type Protocol and Ports Action Profile Name <p>What action should be taken when a connection matches the specified conditions?</p> <p><input checked="" type="radio"/> Allow the connection This includes connections that are protected with IPsec as well as those are not.</p> <p><input type="radio"/> 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 mode. Customize</p> <p><input type="radio"/> Block the connection</p> <p>< Back Next > Cancel</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>	

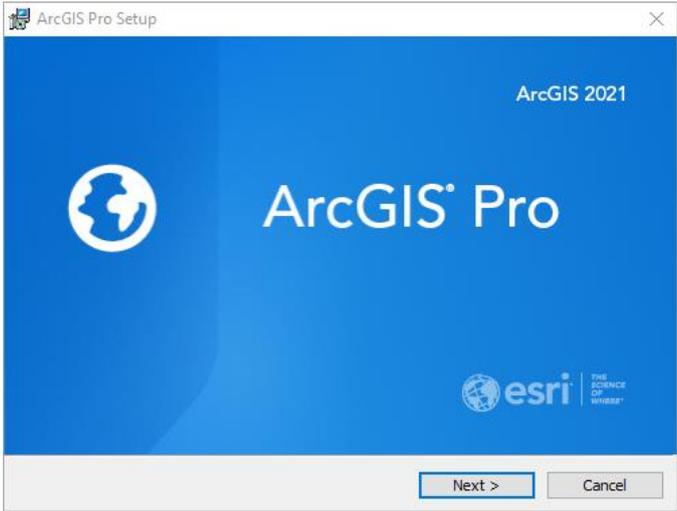
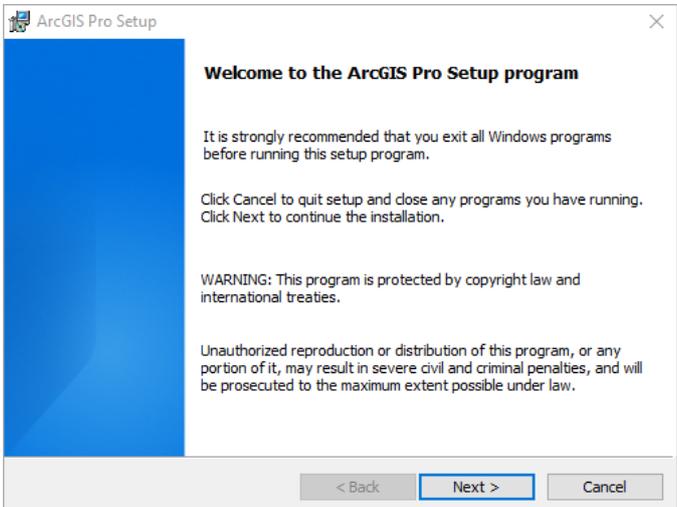
APPENDIX D: Install ArcGIS Pro

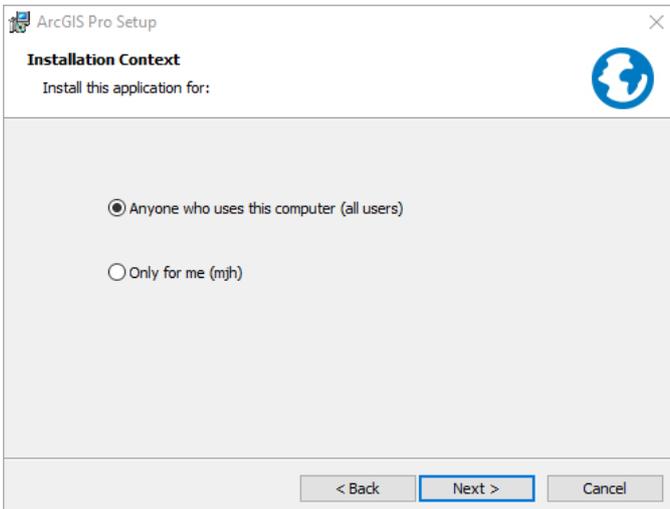
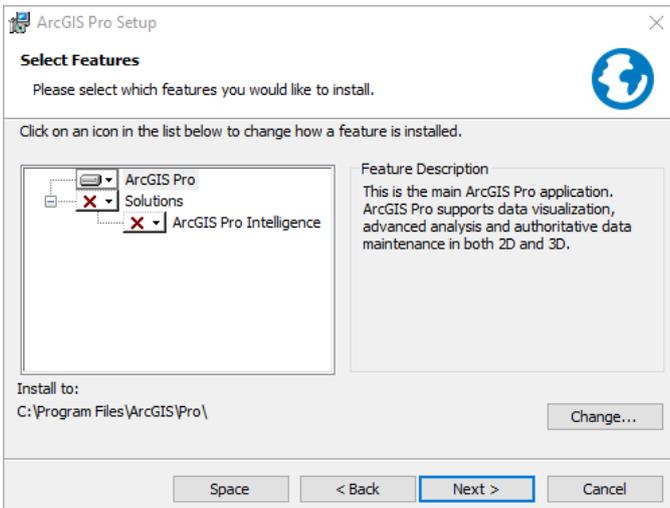
The ArcGIS Pro installation is carried out in two stages:

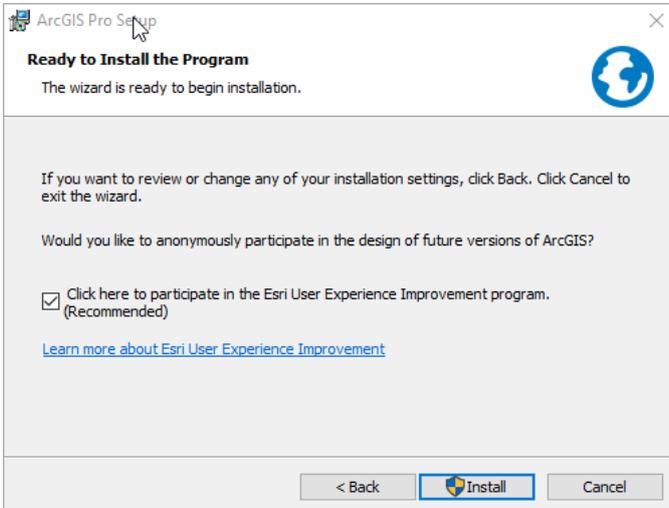
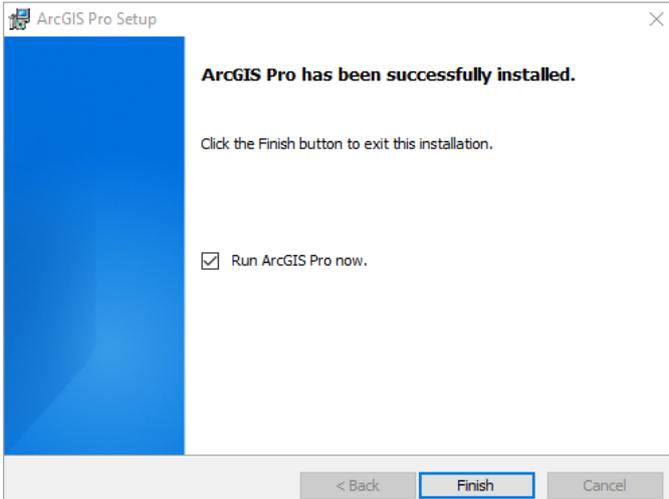
1. Installation of ArcGIS Pro.
2. Authorization of the license as named user (preferred option, applicable to single use as well as concurrent use licenses), or Concurrent license using EFL code or local license.

ArcGIS Pro Installation

The following table explains how to install ArcGIS Pro. The ArcGISPro.msi installer is located in the “Prerequisites” sub-folder 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. The title bar reads 'ArcGIS Pro Setup'. The main heading is 'Master Agreement' with a sub-heading 'Revised August 5, 2021' and 'IMPORTANT-READ CAREFULLY'. The text 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'. 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 navigation buttons '< Back', 'Next >', and 'Cancel'.</p>
<p>Select Anyone who uses this computer (all users)</p> <p>Click Next</p>	 <p>The screenshot shows the 'Installation Context' window. The title bar reads 'ArcGIS Pro Setup'. The heading is 'Installation Context' with the instruction 'Install this application for:'. There are two radio buttons: 'Anyone who uses this computer (all users)' (selected) and 'Only for me (mjh)'. At the bottom, there are navigation buttons '< Back', 'Next >', and 'Cancel'.</p>
<p>Click Next</p>	 <p>The screenshot shows the 'Select Features' window. The title bar reads 'ArcGIS Pro Setup'. The heading is 'Select Features' with the instruction '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 list of features: 'ArcGIS Pro', 'Solutions', and 'ArcGIS Pro Intelligence'. Each feature has a small icon and a red 'X' next to it. To the right is a 'Feature Description' box for 'ArcGIS Pro' which says: 'This is the main ArcGIS Pro application. ArcGIS Pro supports data visualization, advanced analysis and authoritative data maintenance in both 2D and 3D.' Below the list is the 'Install to:' path 'C:\Program Files\ArcGIS\Pro\'. At the bottom, there are buttons 'Space', '< Back', 'Next >', and 'Cancel'.</p>

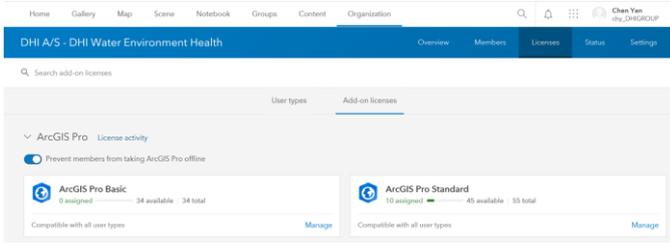
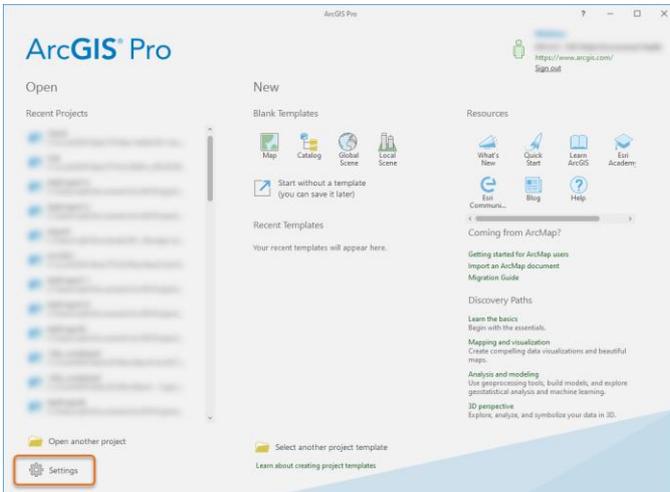
Installation step	Screen
<p>Click Install</p>	
<p>Click Finish</p>	

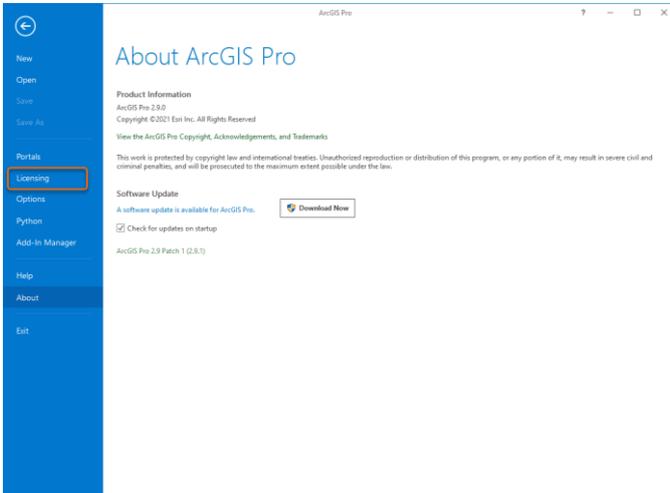
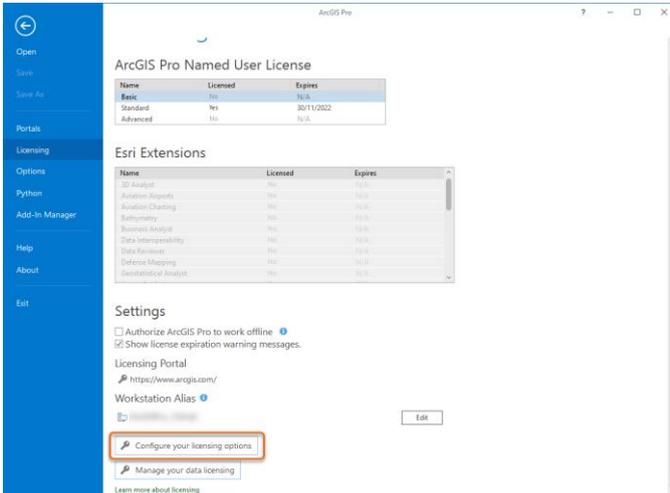
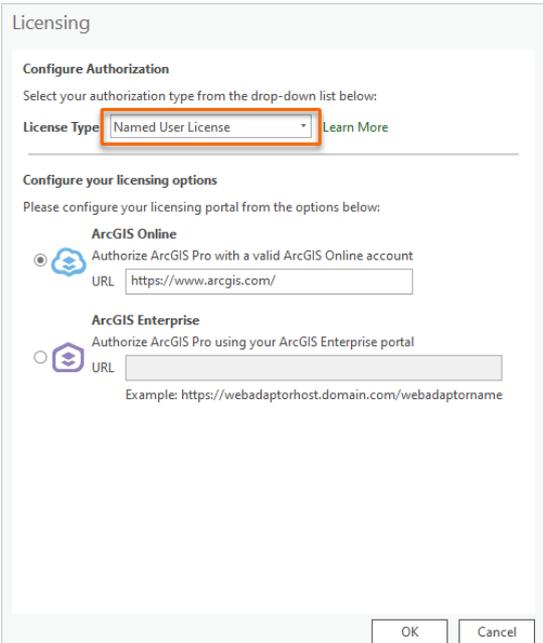
Authorization with a named user license

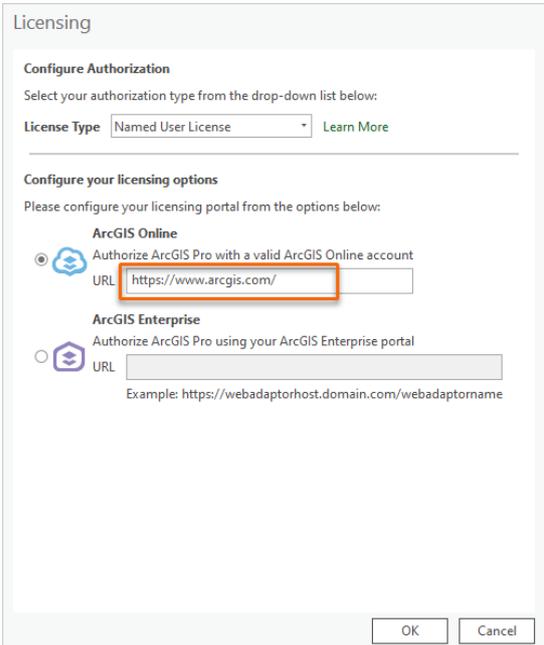
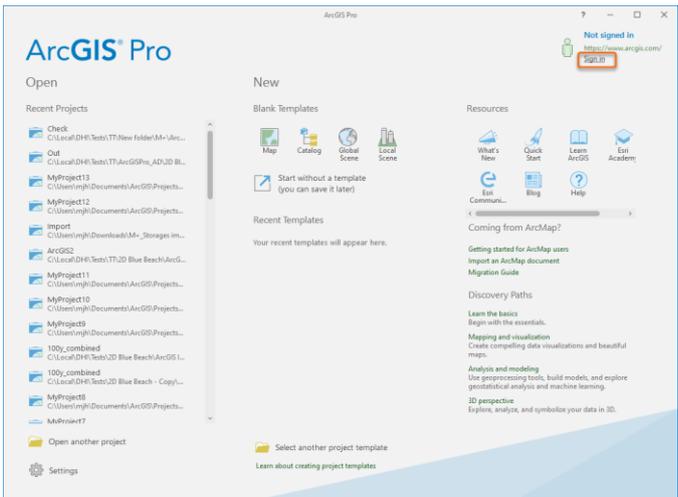
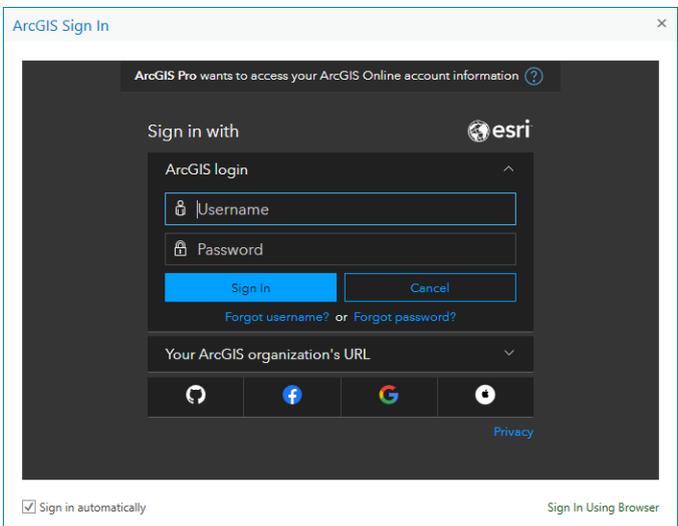
The named license (single use as well as concurrent use) provides an easy procedure for authorization and no physical license server is needed. If you have a named user license of ArcGIS Pro software, please follow these instructions to authorize the product.

To authorize a named user license, you must have received an activation e-mail. The first user in your organization activating the link will be assigned as '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, make sure you have the activation e-mail ready and you are connected to the Internet.

Installation step	Screen
<p>Click on the activation link and follow the indications to create the Online portal for your organization</p> <p>To explore the functionality of ArcGIS online, click on '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 Keep the following subscription ID for your records and reference it if you need to contact us.</p> <p>Subscription ID: XXXXXXXXXX Customer number: XXXXXX Customer Name: DHI</p> <p>Self-Help Resources ArcGIS Online help ArcGIS Online forum ArcGIS Online videos ArcGIS Online blog</p>
<p>The first user clicking on the activation mail will be assigned as company admin automatically. The company admin then invites members to join the online portal as well as assigning ArcGIS Pro license. The invitation letter to 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> User Name:  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  User Name:  Chen Yan (mailto:chen.yan@dhiaqua.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://www.arcgis.com/home</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 existing members, click on the tab 'License' \ 'Manage'.</p> <p>You can follow the video for demonstration basics on ArcGIS online from here.</p>	 <p>The screenshot shows the 'Add on licenses' page in ArcGIS Online. It displays two license types: 'ArcGIS Pro Basic' with 0 assigned and 34 available (34 total), and 'ArcGIS Pro Standard' with 10 assigned and 45 available (55 total). Both are marked as compatible with all user types. A 'Manage' button is visible for each license type.</p>
<p>Activate your named user license on the local installation of ArcGIS Pro:</p> <p>Start ArcGIS Pro</p> <p>Click Settings</p>	 <p>The screenshot shows the ArcGIS Pro desktop interface. The 'Settings' button in the bottom-left corner is highlighted with a red box. The interface includes sections for 'Open' (Recent Projects), 'New' (Blank Templates, Start without a template), and 'Resources' (What's New, Quick Start, Learn ArcGIS, etc.).</p>

Installation step	Screen
<p>Click Licensing</p>	
<p>Click Configure your licensing options</p>	
<p>Select the license type 'Named User License'</p>	

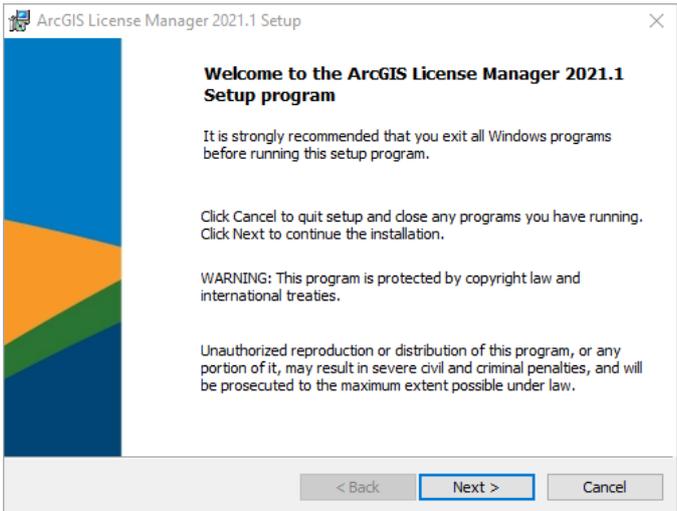
Installation step	Screen
<p>Select the license portal ArcGIS Online, with URL https://www.arcgis.com/</p> <p>Click OK</p>	 <p>The screenshot shows the 'Licensing' dialog box in ArcGIS Pro. Under 'Configure Authorization', 'License Type' is set to 'Named User License'. Under 'Configure your licensing options', the 'ArcGIS Online' radio button is selected. The 'URL' field is populated with 'https://www.arcgis.com/' and is highlighted with an orange box. The 'OK' button is visible at the bottom right.</p>
<p>Go back to the start page</p> <p>Click Sign in</p>	 <p>The screenshot shows the ArcGIS Pro start page. In the top right corner, there is a 'Not signed in' notification with a 'Sign in' button highlighted in orange. The main area displays 'Recent Projects' on the left and 'New' templates in the center.</p>
<p>Enter your login and password</p> <p>Click Sign in</p>	 <p>The screenshot shows the 'ArcGIS Sign In' dialog box. It prompts the user to sign in with their ArcGIS Online account. There are input fields for 'Username' and 'Password', a 'Sign In' button, and a 'Cancel' button. Below the fields are links for 'Forgot username?' and 'Forgot password?'. At the bottom, there is a 'Your ArcGIS organization's URL' dropdown menu and social media icons. A 'Privacy' link is also present. At the very bottom, there is a checkbox for 'Sign in automatically' and a 'Sign In Using Browser' button.</p>

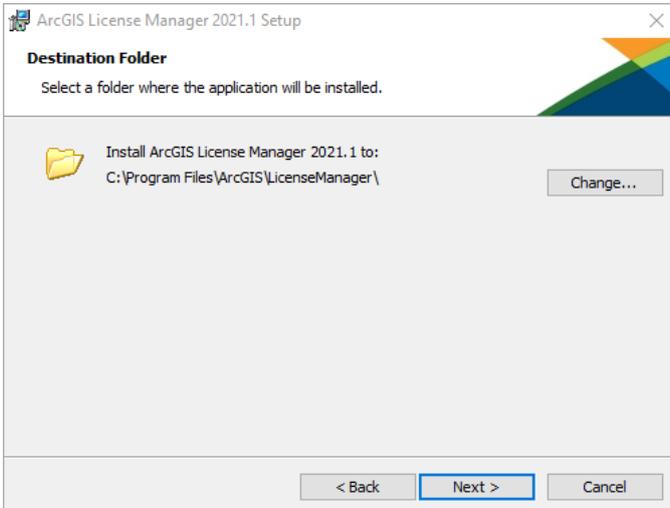
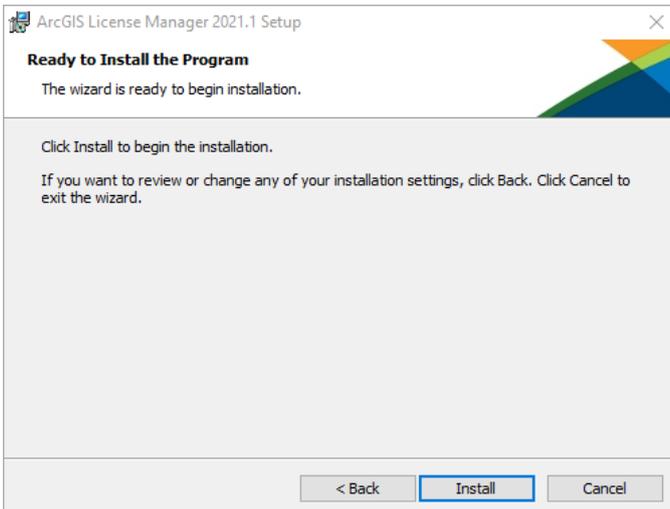
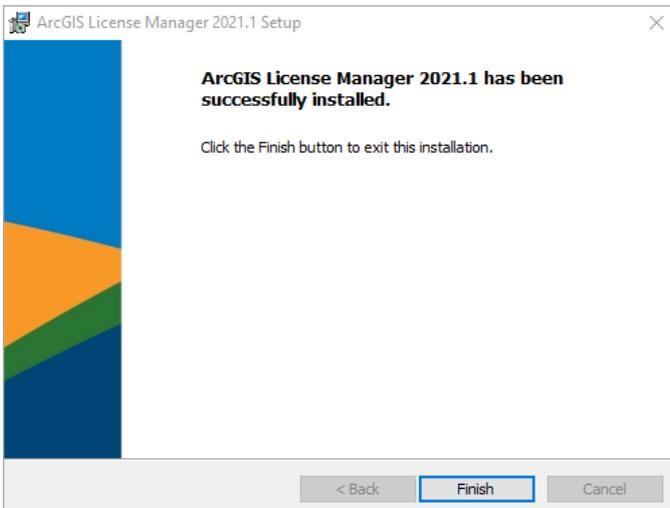
Authorization with a network license server and EFL code

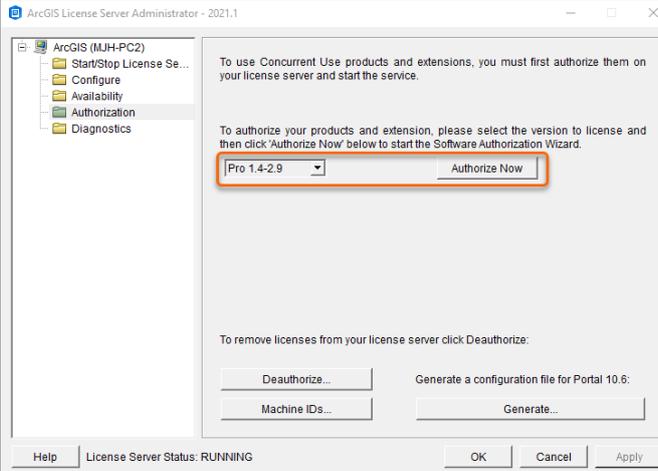
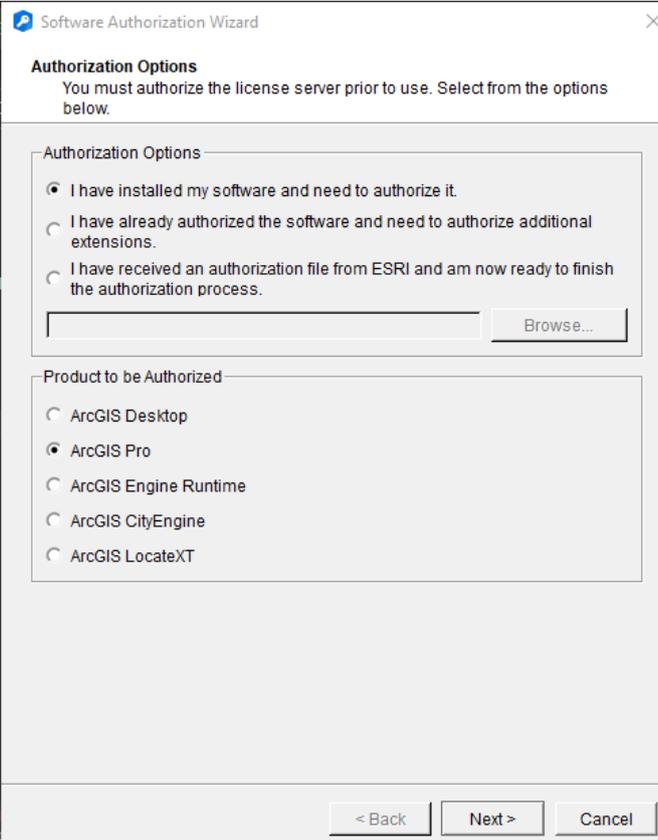
You have received a network license of ArcGIS Pro software with an ELF code (Concurrent use license, with format EFLXXXXXXXXX). Please follow these instructions to authorize the product.

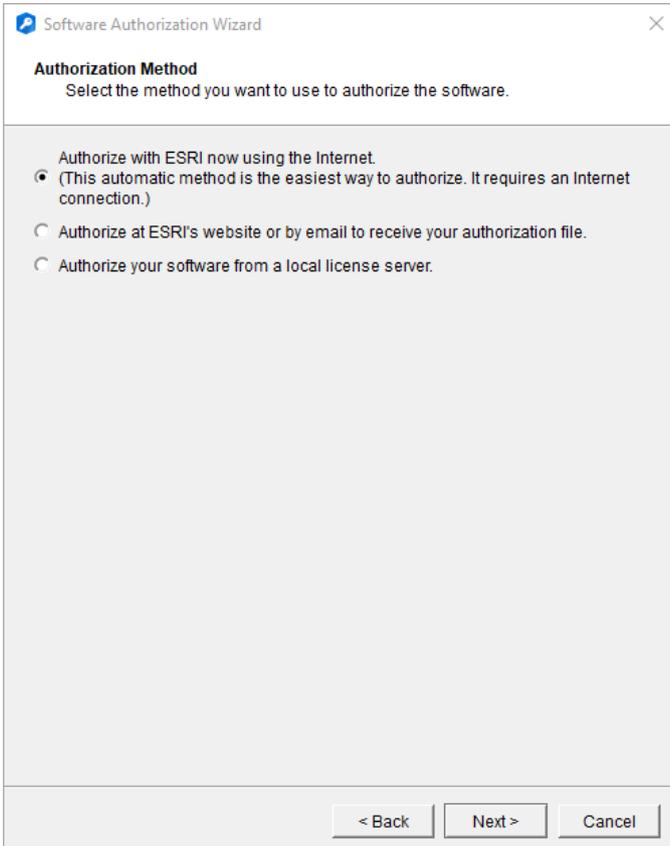
The ArcGIS License Manager in version 2021.1 or higher must be installed in order to make the licenses available. If you wish to use the software on your local PC without making it available in a network, you can install the license manager on the local PC. If you wish to use a setup where you use a local installation of ArcGIS Pro and acquire its license from a license server, you can install it on a server in your local network.

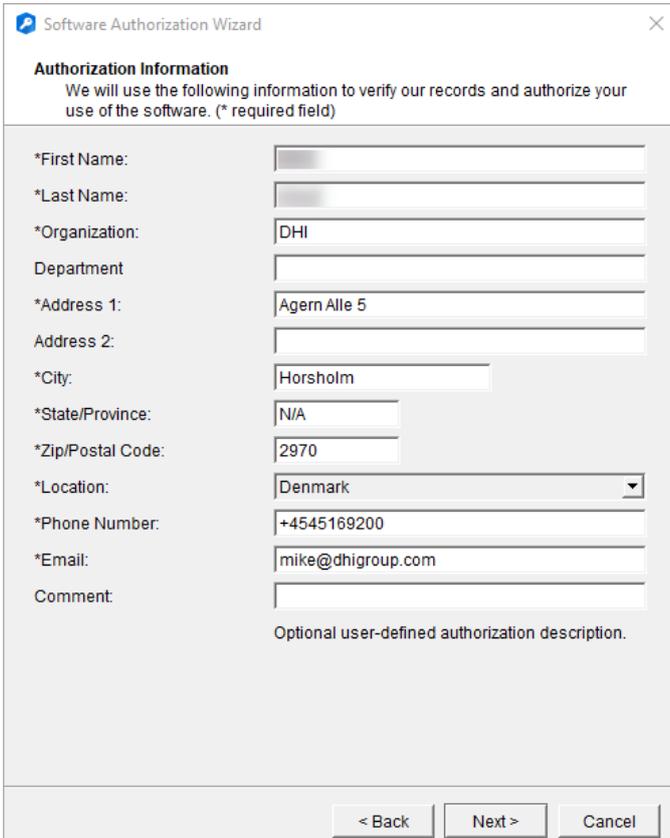
The corresponding installer is located in the “Prerequisites” sub-folder of the MIKE+ installation, under the folder ArcGIS License Manager 20XX.X. If you already have an older version installed, please install the newer version, then the older version will be overwritten. Detailed info can be found here: <https://pro.arcgis.com/en/pro-app/get-started/authorize-arcgis-pro-with-concurrent-use-licenses.htm>

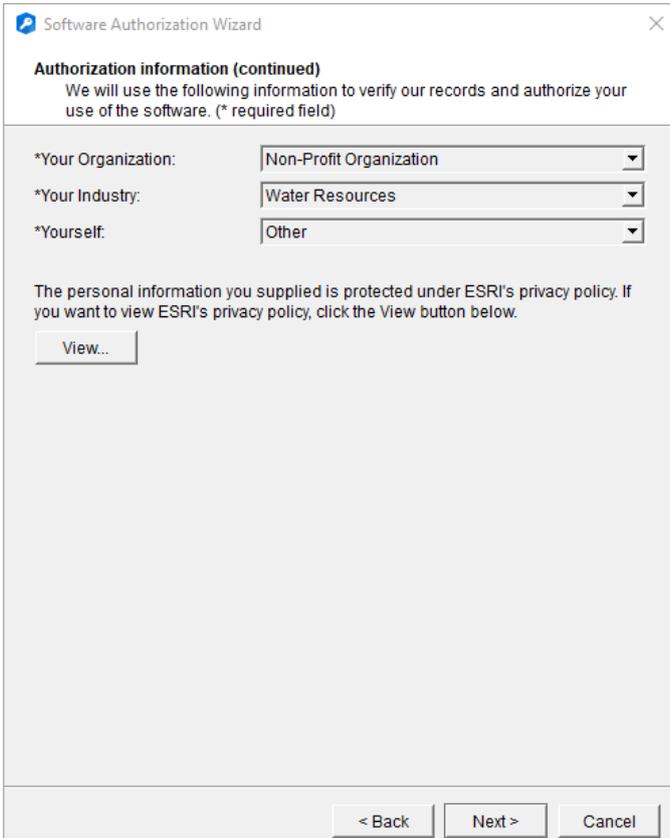
Installation step	Screen
<p>Run the <i>Setup.exe</i> program file from the installation media/download folder, in the ‘ArcGIS License Manager 20XX.X’ folder.</p> <p>Click Next</p>	
<p>Select I accept the master agreement</p> <p>Click Next</p>	

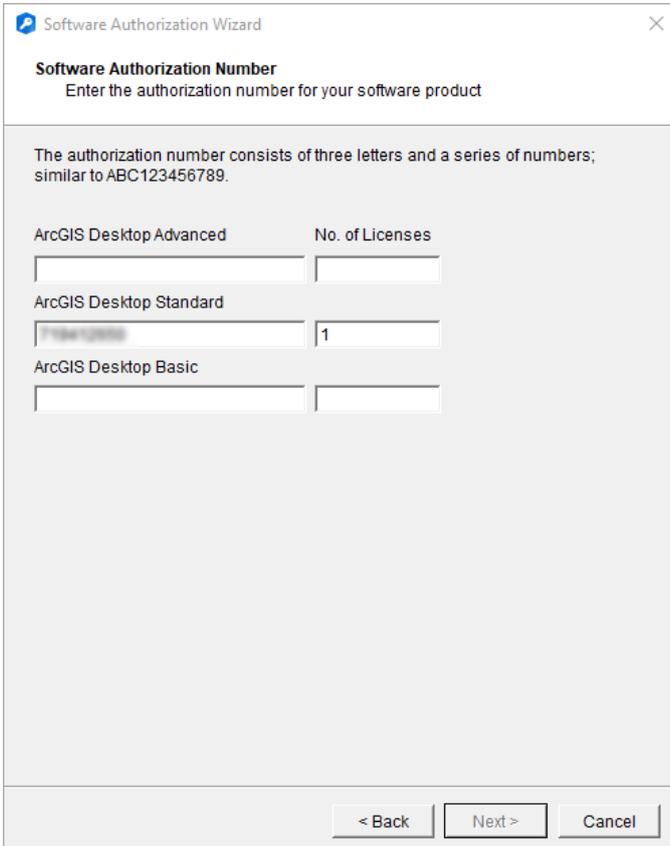
Installation step	Screen
<p>Click Next</p>	
<p>Click Install</p> <p>The process may take several minutes</p>	
<p>Click Finish</p>	

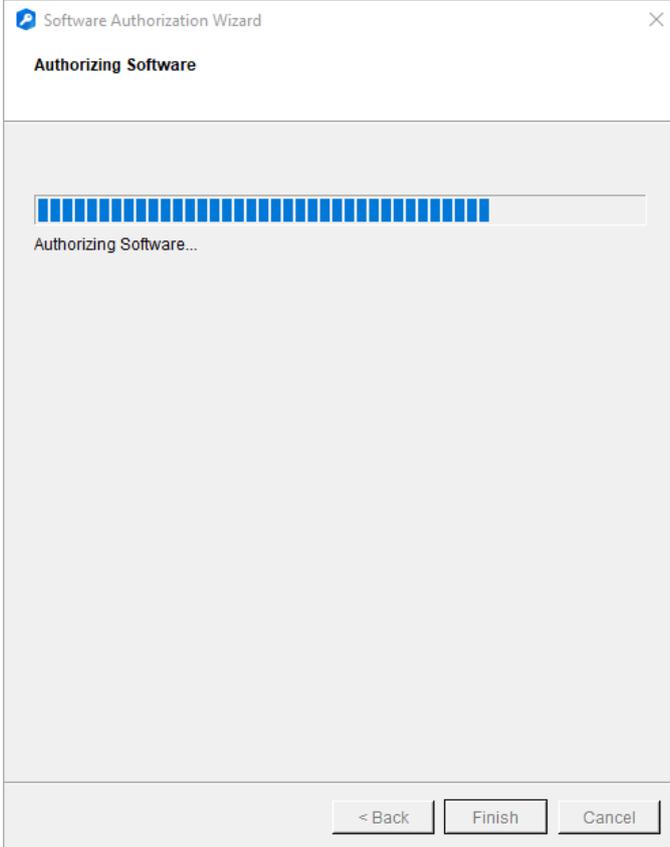
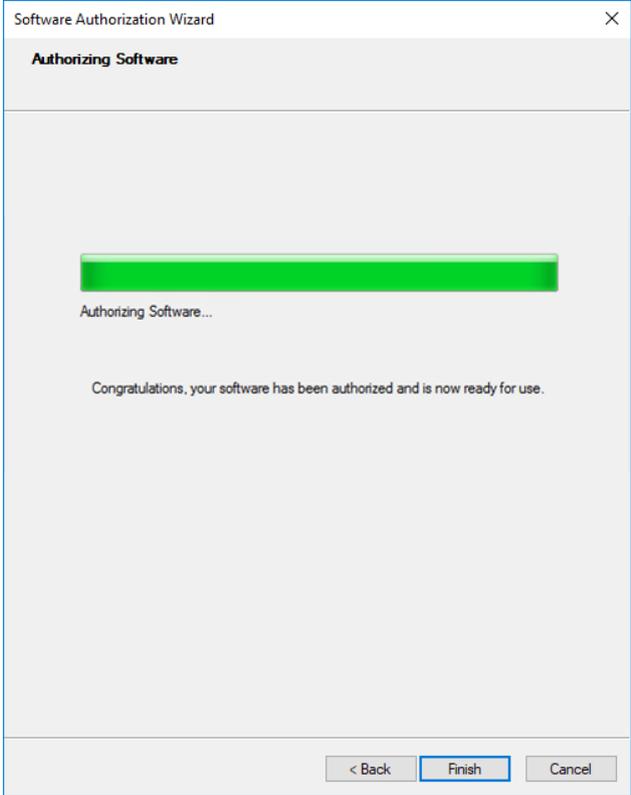
Installation step	Screen
<p>Select the version: Pro X.X-X.X</p> <p>Click Authorize now</p>	
<p>Select 'I have installed my software and need to authorize it'</p> <p>Select the product ArcGIS Pro</p> <p>Click Next</p>	

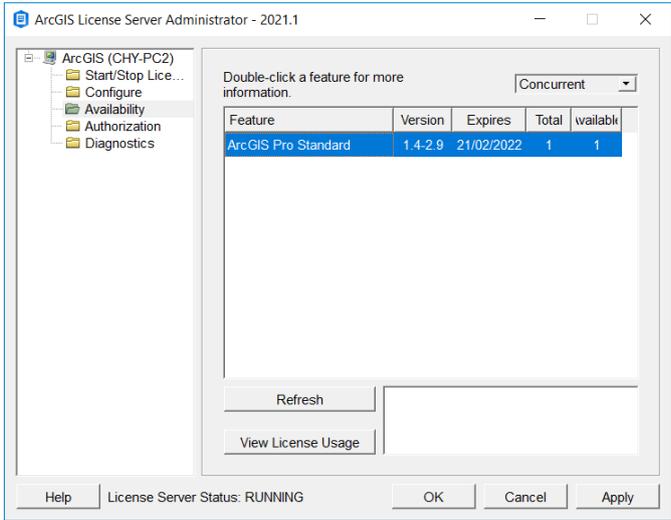
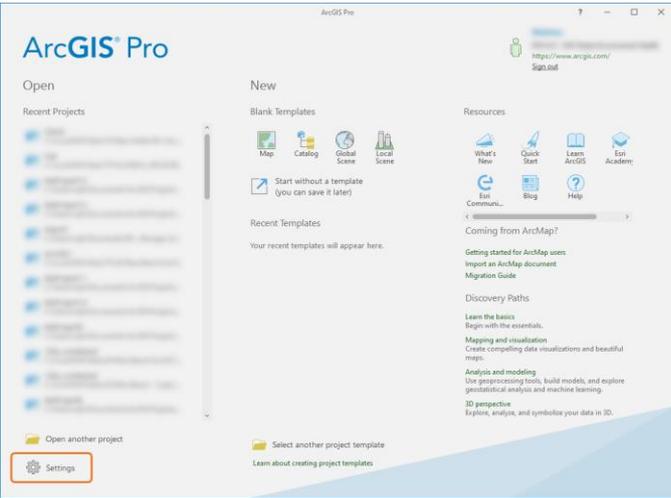
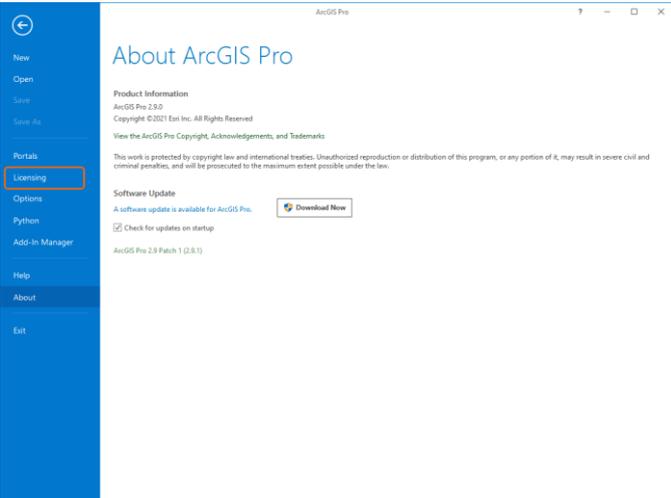
Installation step	Screen
<p>Select this option</p> <p>Click Next</p>	

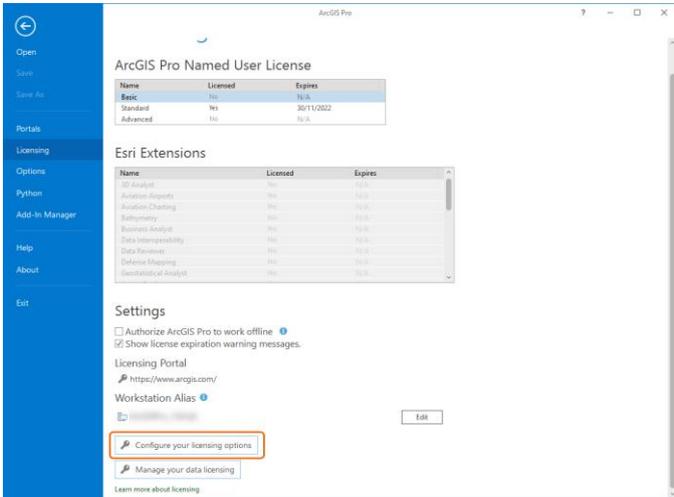
Installation step	Screen
<p>Fill in the necessary information</p> <p>Click Next</p>	 <p>Software Authorization Wizard</p> <p>Authorization Information We will use the following information to verify our records and authorize your use of the software. (* required field)</p> <p>*First Name: <input type="text"/></p> <p>*Last Name: <input type="text"/></p> <p>*Organization: <input type="text" value="DHI"/></p> <p>Department: <input type="text"/></p> <p>*Address 1: <input type="text" value="Agerm Alle 5"/></p> <p>Address 2: <input type="text"/></p> <p>*City: <input type="text" value="Horsholm"/></p> <p>*State/Province: <input type="text" value="N/A"/></p> <p>*Zip/Postal Code: <input type="text" value="2970"/></p> <p>*Location: <input type="text" value="Denmark"/></p> <p>*Phone Number: <input type="text" value="+4545169200"/></p> <p>*Email: <input type="text" value="mike@dhigroup.com"/></p> <p>Comment: <input type="text"/></p> <p>Optional user-defined authorization description.</p> <p>< Back Next > Cancel</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>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>Click Finish</p>	

Installation step	Screen										
<p>Select Availability from the menu, and you will see which licenses you have available</p> <p>Click OK</p>	 <p>The screenshot shows the 'ArcGIS License Server Administrator - 2021.1' window. On the left, a tree view shows 'Availability' selected under 'ArcGIS (CHY-PC2)'. The main area displays a table of license features:</p> <table border="1" data-bbox="981 448 1396 504"> <thead> <tr> <th>Feature</th> <th>Version</th> <th>Expires</th> <th>Total</th> <th>availabl</th> </tr> </thead> <tbody> <tr> <td>ArcGIS Pro Standard</td> <td>1.4-2.9</td> <td>21/02/2022</td> <td>1</td> <td>1</td> </tr> </tbody> </table> <p>Buttons for 'Refresh' and 'View License Usage' are visible below the table. At the bottom, the status is 'License Server Status: RUNNING' and 'OK' is highlighted.</p>	Feature	Version	Expires	Total	availabl	ArcGIS Pro Standard	1.4-2.9	21/02/2022	1	1
Feature	Version	Expires	Total	availabl							
ArcGIS Pro Standard	1.4-2.9	21/02/2022	1	1							
<p>Start ArcGIS Pro from the computer where you wish to run MIKE+ and configure ArcGIS Pro license</p> <p>Click Settings</p>	 <p>The screenshot shows the ArcGIS Pro home screen. The 'Settings' button in the bottom-left corner is highlighted with a red box.</p>										
<p>Click Licensing</p>	 <p>The screenshot shows the 'About ArcGIS Pro' dialog box. The 'Licensing' button in the left-hand navigation pane is highlighted with a red box.</p>										

Installation step	Screen
<p>Click Configure your licensing options</p>	
<p>Select the appropriate settings and specify the license manager's hostname / IP address / Port</p> <p>Click OK</p>	