



Elysium
3DxSUITE™

Elysium 3DxSUITE
Installation Guide

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Elysium Co. Ltd.

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About Module Packages

All module packages for 3DxSUITE can be found on the 3DxSUITE Customer Page. Below is a list of available module packages.

- 3DxSUITE Base Package
- 3DxSUITE Components Package
- 3DxSUITE Viewer Package
- 3DxSUITE Editor Package
- 3DxSUITE SmartController Package
- 3DxSUITE SmartController Pro Package
- 3DxSUITE TransServer Package
- 3DxSUITE WorkerNode Package
- 3DxSUITE Daimler Bundle Package
- 3DxSUITE Honda Bundle Package
- 3DxSUITE Module for CADmeister Package
- 3DxSUITE ScenarioEditor Package
- 3DxSUITE Data Package Studio Package
- 3DxSUITE Validation Configurator Package
- 3DxSUITE PDQ Checker Configurator Package



When referring to each package in this document, it will be enclosed in `<>`.

(e.g., Sample scripts are included in the `<3DxSUITE Base Package>`.)

About 3DxSUITE Setting Utility

Commonly used settings in the 3DxSUITE products, such as license server information or Scenario folder paths, can be set in "3DxSUITE User Common Setting" or "3DxSUITE Local User Setting". Please refer to "Elysium 3DxSUITE Setting Utility Manual" for details on the available items.

In this document, "3DxSUITE User Common Setting" and "3DxSUITE Local User Setting" will be collectively referred to as "3DxSUITE Setting".

Shortened Names for 3DxSUITE Products

In this document, the 3DxSUITE product names are referred to as follows:

- 3DxSUITE Components → Components
- 3DxSUITE Viewer → Viewer
- 3DxSUITE Editor → Editor
- 3DxSUITE SmartLauncher (Standalone) → SmartLauncher (Standalone)
- 3DxSUITE SmartLauncher (Plug-in) → SmartLauncher (Plug-in)
- 3DxSUITE SmartController → SmartController
- 3DxSUITE SmartController Pro → SmartController Pro
- 3DxSUITE TransServer → TransServer
- 3DxSUITE WorkerNode → WorkerNode
- 3DxSUITE ScenarioEditor → ScenarioEditor
- 3DxSUITE Data Package Studio → Data Package Studio
- 3DxSUITE Validation Configurator → Validation Configurator
- 3DxSUITE PDQ Checker Configurator → PDQ Checker Configurator
- 3DxSUITE Setting Utility → Setting Utility

Installation of EX9.1 Official Version

To install "3DxSUITE EX9.1 Official" version in an environment where "3DxSUITE EX9.1 beta" version released on July 29, 2022 was installed, please perform the following steps.

1. Uninstall "3DxSUITE EX9.1 beta" version.
2. Run the below file included in "3DxSUITE EX9.1 Official" version with administrator privileges in order to delete the unnecessary configuration files of "3DxSUITE EX9.1 beta" version.

```
<3DxSUITE Base Package>\util\Tools\remove_setting_folders.bat
```

3. Install "3DxSUITE EX9.1 Official" version.

1. Preface

This document will explain the installation procedures for 3DxSUITE product lineup. 3DxSUITE consists of multiple products, and installers are also available for each product or feature.

Decide which product to install on which computer based on your intended use, your license, load distribution, etc.

Please refer to the separate document "Elysium 3DxSUITE Product Overview Manual" for the overview of each 3DxSUITE product.

1.1. Overview of Front-End Products Installation Procedures

Based on which Front-End product you are going to use, the following is a summary of steps for setting up the 3DxSUITE product lineup. For each Front-End product, you will find: which installer to run, the target computer to run it on, and the order in which to run it. This is just an overview of the procedure, so please refer to Chapter 2 and beyond for more details.



Please note that it is written here assuming that SmartLauncher is installed at the same time as installing Components with the integrated installer.

- **Viewer**

If "Computer A" is the target to install Viewer on, the order to run the installer, the target computer, and the installer is as follows.

Install Order	Target	Installer
1	Computer A	Elysium_3DxSUITE_EX9.1_Viewer.exe

- **Editor**

Components are required when using Editor. If "Computer A" is the target to install Editor on, the order to run the installers, the target computer, and the installers are as follows.

Install Order	Target	Installer
1	Computer A	Elysium_3DxSUITE_EX9.1_Components.exe
2	Computer A	Elysium_3DxSUITE_EX9.1_Editor.exe

- **SmartLauncher**

SmartLauncher can be installed from the Components integrated installer. If "Computer A" is the target to install SmartLauncher on, the order to run the installer, the target computer, and the installer is as follows.

Install Order	Target	Installer
1	Computer A	Elysium_3DxSUITE_EX9.1_Components.exe

- **SmartLauncher Plug-in**

SmartLauncher Plug-in can be installed from the Components integrated installer. If "Computer A" is the target to install SmartLauncher Plug-in on, the order to run the installer, the target computer, and the installer is as follows.

Install Order	Target	Installer
1	Computer A	Elysium_3DxSUITE_EX9.1_Components.exe

- **SmartController**

Components are required when using SmartController. If "Computer A" is the target to install SmartController on, the order to run the installers, the target computer, and the installers are as follows.

Install Order	Target	Installer
1	Computer A	Elysium_3DxSUITE_EX9.1_Components.exe
2	Computer A	Elysium_3DxSUITE_EX9.1_SmartController.exe

- **SmartController Pro**

When using SmartController Pro, the actual processing is executed in WorkerNode. Generally, SmartController Pro and WorkerNode can be installed on separate computers. If "Computer A" is the target to install SmartController Pro on and WorkerNode on "Computer B", the order to run the installers, the target computers, and the installers are as follows.

Install Order	Target	Installer
1	Computer A	Elysium_3DxSUITE_EX9.1_SmartController_Pro.exe
2	Computer B	Elysium_3DxSUITE_EX9.1_Components.exe
3	Computer B	Elysium_3DxSUITE_EX9.1_WorkerNode.exe

- **TransServer**

When using TransServer, the actual processing is executed in WorkerNode. In addition, TransServer must be installed on the computer running the server OS, and WorkerNode must be installed on the computer running the client OS. If "Computer A" is the target to

install TransServer on and WorkerNode on "Computer B", the order to run the installers, the target computers, and the installers are as follows.

Install Order	Target	Installer
1	Computer A	Elysium_3DxSUITE_EX9.1_TransServer.exe
2	Computer B	Elysium_3DxSUITE_EX9.1_Components.exe
3	Computer B	Elysium_3DxSUITE_EX9.1_WorkerNode.exe

- **Command Line**

Components are required for use in Command Line. If "Computer A" is the target to install Components on, the order to run the installer, the target computer, and the installer is as follows.

Install Order	Target	Installer
1	Computer A	Elysium_3DxSUITE_EX9.1_Components.exe



Please note that "Elysium_3DxSUITE_EX9.1_Components.exe" is an integrated installer. From this installer, you can install multiple products such as Adapters and SmartLauncher together by calling the installers located in the folders of the line-up. In Install Wizard, select the products you need and run the installation.

Furthermore, to install only the specified Adapters, you can install them by individually running the installers inside the folders from the line-up. Please refer to [Appendix A, List of 3DxSUITE Installers](#) for information about the installers.

1.2. Overview of Utility Tool Installation Procedures

"Utility Tool" is a tool for configuring various settings for the 3DxSUITE product lineup. The settings made by these tools can be saved as a file, which can then be placed on the computer where Front-End and Components are installed to achieve the intended behavior. Therefore, Utility Tool itself can be installed on a computer other than the one on which Front-End or Components are installed.

The following table summarizes the installers for each product included in Utility Tool and the Front-Ends that you might use together with that product.

Utility Tool	Installer	Front-End
--------------	-----------	-----------

3DxSUITE Scenario Editor	Elysium_3DxSUITE_EX9.1_ScenarioEditor.exe	<ul style="list-style-type: none"> • 3DxSUITE SmartLauncher • 3DxSUITE SmartLauncher Plug-in • 3DxSUITE SmartController • 3DxSUITE SmartController Pro
3DxSUITE Data Package Studio	Elysium_3DxSUITE_EX9.1_Data_Package_Studio_for_Acrobat_32bit.exe Elysium_3DxSUITE_EX9.1_Data_Package_Studio_for_Acrobat_64bit.exe	<ul style="list-style-type: none"> • 3DxSUITE SmartLauncher • 3DxSUITE SmartLauncher Plug-in • 3DxSUITE SmartController • 3DxSUITE SmartController Pro
3DxSUITE Validation Configurator	Elysium_3DxSUITE_EX9.1_Validation_Configurator.exe	<ul style="list-style-type: none"> • 3DxSUITE SmartLauncher • 3DxSUITE SmartLauncher Plug-in • 3DxSUITE SmartController • 3DxSUITE SmartController Pro
3DxSUITE PDQ Checker Configurator	(*1)	<ul style="list-style-type: none"> • 3DxSUITE Editor • 3DxSUITE SmartLauncher • 3DxSUITE SmartLauncher Plug-in • 3DxSUITE SmartController • 3DxSUITE SmartController Pro

- *1: There is no installer for PDQ Checker Configurator. To use it, open "PDQCheckerSetting_ENG.xls" with Microsoft Excel. "PDQCheckerSetting_ENG.xlsm" is included in <3DxSUITE PDQ Checker Configurator Package>.

1.3. Procedure to Run Installers for each Expected Use Case

The following are several examples of possible situations to show you which installer you need to run and when.

Case 1:
Translate NX to JT with Editor (using NX (Plug-in) Adapter)

[Corresponding use case with former products]

Translate NX to JT using NX import option (Plug-in) for CADdoctor and the standard CADdoctor

- a. When installing Editor on a computer where NX is installed
 - Run "Elysium_3DxSUITE_EX9.1_Components.exe" to install Component and SmartLauncher. Select "Complete" as the setup type, or select the following program features for "Custom".
 - Elysium 3DxSUITE EX9.1 NX Adapter
 - Elysium 3DxSUITE EX9.1 JT Adapter
 - Run "Elysium_3DxSUITE_EX9.1_Editor.exe" to install Editor.
- b. When installing Editor on a different computer other than the one where NX is installed
 - Run "Elysium_3DxSUITE_EX9.1_Components.exe" on the computer where NX is installed to install Component and SmartLauncher. Select "Complete" as the setup type, or select the following program features for "Custom".
 - Elysium 3DxSUITE EX9.1 NX Adapter
 - Elysium 3DxSUITE EX9.1 SmartLauncher (NX Plug-in)
 - Run "Elysium_3DxSUITE_EX9.1_Components.exe" on the computer where Editor will be installed to install Components. Select "Complete" as the setup type, or select the following program features for "Custom".
 - Elysium 3DxSUITE EX9.1 JT Adapter
 - Run "Elysium_3DxSUITE_EX9.1_Editor.exe" on the computer where Editor will be installed to install Editor.

Case 2:**Translate Creo Parametric to SOLIDWORKS with SmartLauncher (using Creo Parametric (Plug-in) Adapter)****[Corresponding use case with former products]**

By using Creo Parametric Adapter (Plug-in) in ASFALIS SmartLauncher or DirectTranslator, translate from Creo Parametric to SOLIDWORKS

- a. When both Creo Parametric and SOLIDWORKS are installed on the same computer
 - Run "Elysium_3DxSUITE_EX9.1_Components.exe" to install Components and SmartLauncher. Select "Complete" as the setup type, or select the following program features for "Custom".
 - Elysium 3DxSUITE EX9.1 Creo Parametric Adapter
 - Elysium 3DxSUITE EX9.1 SOLIDWORKS Adapter
- b. When Creo Parametric and SOLIDWORKS are installed on different computers
 - Run "Elysium_3DxSUITE_EX9.1_Components.exe" on the computer where Creo Parametric is installed to install Components and SmartLauncher. Select "Complete" as the setup type, or select the following program features for "Custom".
 - Elysium 3DxSUITE EX9.1 Creo Parametric Adapter

- Run "Elysium_3DxSUITE_EX9.1_Components.exe" on the computer where SOLIDWORKS is installed to install Components and SmartLauncher. Select "Complete" as the setup type, or select the following program features for "Custom".
 - Elysium 3DxSUITE EX9.1 SOLIDWORKS Adapter

Case 3:

Export CATIA V5 model with SmartLauncher CAD Plug-in menu for NX (using NX (Plug-in) Adapter and CATIA V5 (Plug-in) Adapter)

[Corresponding use case with former products]

Use the CAD plug-in menu of CADdoctor Option for NX to export a .drx file, then import the file into CADdoctor to heal. After healing, export the file and import it to CATIA V5 by using CAD plug-in menu of CADdoctor Option for CATIA V5.

- a. When both NX and CATIA V5 are installed on the same computer
 - Run "Elysium_3DxSUITE_EX9.1_Components.exe" to install Components and SmartLauncher. Select "Complete" as the setup type, or select the following program features for "Custom".
 - Elysium 3DxSUITE EX9.1 NX Adapter
 - Elysium 3DxSUITE EX9.1 SmartLauncher (NX Plug-in)
 - Elysium 3DxSUITE EX9.1 CATIA V5 Adapter
- b. When NX and CATIA V5 are installed on different computers
 - Run "Elysium_3DxSUITE_EX9.1_Components.exe" on the computer where NX is installed to install Components and SmartLauncher. Select "Complete" as the setup type, or select the following program features for "Custom".
 - Elysium 3DxSUITE EX9.1 NX Adapter
 - Elysium 3DxSUITE EX9.1 SmartLauncher (NX Plug-in)
 - Run "Elysium_3DxSUITE_EX9.1_Components.exe" on the computer where CATIA V5 is installed to install Components and SmartLauncher. Select "Complete" as the setup type, or select the following program features for "Custom".
 - Elysium 3DxSUITE EX9.1 CATIA V5 Adapter

Case 4:

Perform CAD Validation between CATIA V5 models with SmartController (using CATIA V5 (Plug-in) Adapter)

[Corresponding use case with former products]

Translate CATIA V5 model to an intermediate file with CATIA V5 Adapter (CAD Plug-in), and perform CAD Validation with ASFALIS Controller.

- Run "Elysium_3DxSUITE_EX9.1_Components.exe" to install Components. Select "Complete" as the setup type, or select the following program features for "Custom".

- Elysium 3DxSUITE EX9.1 CATIA V5 Adapter
- Run "Elysium_3DxSUITE_EX9.1_SmartController.exe" to install SmartController.

Case 5:**Simplify the geometry of NX model with SmartController Pro (using NX (Plug-in) Adapter)****[Corresponding use case with former products]**

Use ASFALIS Controller to simplify the NX model imported by NX Adapter and export the result again by NX Adapter

- Run "Elysium_3DxSUITE_EX9.1_SmartController_Pro.exe" on the computer where you want to manage the Jobs to install SmartController Pro.
- Run "Elysium_3DxSUITE_EX9.1_Components.exe" on the computer where NX is installed to install Components. Select "Complete" as the setup type, or select the following program features for "Custom".
 - Elysium 3DxSUITE EX9.1 NX Adapter
- Run "Elysium_3DxSUITE_EX9.1_WorkerNode.exe" on the computer where NX is installed to install WorkerNode.

Case 6:**Translate SOLIDWORKS to CATIA V5 with TransServer (using CATIA V5 (Plug-in) Adapter)****[Corresponding use case with former products]**

Translate SOLIDWORKS to CATIA V5 by using ASFALIS TransServer, SOLIDWORKS Adapter, and CATIA V5 Adapter (CAD Plug-in)


- a. When both SOLIDWORKS and CATIA V5 are installed on the same computer
 - Run "Elysium_3DxSUITE_EX9.1_TransServer.exe" on the computer where you want to manage the Jobs to install TransServer.
 - Run "Elysium_3DxSUITE_EX9.1_Components.exe" on the computer where both SOLIDWORKS and CATIA V5 are installed to install Components. Select "Complete" as the setup type, or select the following program features for "Custom".
 - Elysium 3DxSUITE EX9.1 SOLIDWORKS Adapter
 - Elysium 3DxSUITE EX9.1 CATIA V5 Adapter
 - Run "Elysium_3DxSUITE_EX9.1_WorkerNode.exe" on the computer where both SOLIDWORKS and CATIA V5 are installed to install WorkerNode.
- b. When SOLIDWORKS and CATIA V5 are installed on different computers
 - Run "Elysium_3DxSUITE_EX9.1_TransServer.exe" on the computer where you want to manage the Jobs to install TransServer.
 - Run "Elysium_3DxSUITE_EX9.1_Components.exe" on the computer where SOLIDWORKS

is installed to install Components. Select "Complete" as the setup type, or select the following program features for "Custom".

- Elysium 3DxSUITE EX9.1 SOLIDWORKS Adapter
- Run "Elysium_3DxSUITE_EX9.1_WorkerNode.exe" on the computer where SOLIDWORKS is installed to install WorkerNode.
- Run "Elysium_3DxSUITE_EX9.1_Components.exe" on the computer where CATIA V5 is installed to install Components. Select "Complete" as the setup type, or select the following program features for "Custom".
 - Elysium 3DxSUITE EX9.1 CATIA V5 Adapter
- Run "Elysium_3DxSUITE_EX9.1_WorkerNode.exe" on the computer where CATIA V5 is installed to install WorkerNode.

Case 7: Use CADdoctor Bundle Package

[Corresponding use case with former products] Use CADdoctor to import / export IGES and STL files

- Run "Elysium_3DxSUITE_EX9.1_Components.exe" to install Components and SmartLauncher. Select "Complete" as the setup type, or select the following program features for "Custom".
 - Elysium 3DxSUITE EX9.1 IGES Adapter
 - Elysium 3DxSUITE EX9.1 STL Adapter
 - Run "Elysium_3DxSUITE_EX9.1_Editor.exe" to install Editor.
- 
 - If you have an optional license for CAD translation in addition to CADdoctor Bundle Package, you should also select the corresponding Adapter when installing Components.
 - Please refer to "3DxSUITE CADdoctor Bundle Package Manual" for more details on CADdoctor Bundle Package.

Case 8: Run CATIA V5 to/from JT translation using Daimler Bundle Package

[Corresponding use case with former products] Translate CATIA V5 to/from JT by using either CATIA V5 to/from JT DirectTranslator or forDaimlerSupplier Package of ASFALIS

- Run "Elysium_3DxSUITE_EX9.1_Components.exe" to install Components and SmartLauncher. Select "Complete" as the setup type, or select the following program features for "Custom".
 - Elysium 3DxSUITE EX9.1 CATIA V5 Adapter

- Elysium 3DxSUITE EX9.1 SmartLauncher (CATIA V5 Plug-in)
- Elysium 3DxSUITE EX9.1 JT Adapter
- Elysium 3DxSUITE EX9.1 PLM XML Adapter
- Run "Elysium_3DxSUITE_EX9.1_SmartController.exe" to install SmartController.
- Run "Elysium_3DxSUITE_EX9.1_SmartController_Pro.exe" to install SmartController Pro.
- Run "Elysium_3DxSUITE_EX9.1_WorkerNode.exe" to install WorkerNode.
- Run "Elysium_3DxSUITE_EX9.1_TransServer.exe" to install TransServer.



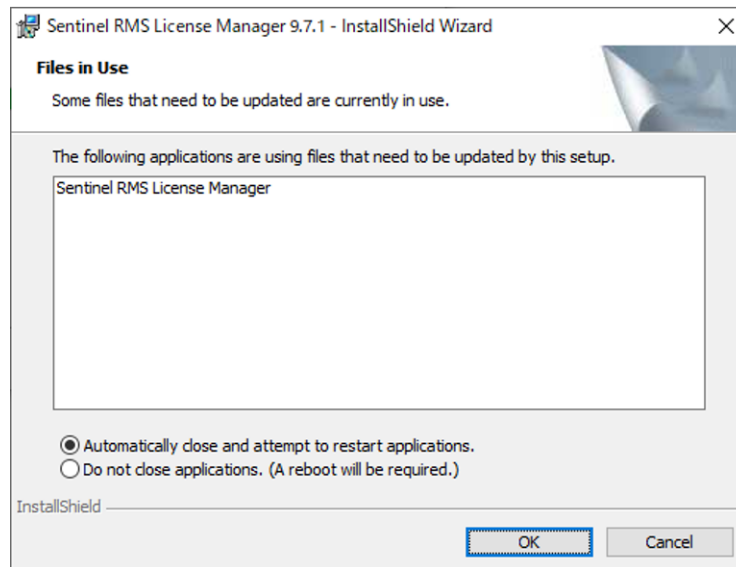
- As for the installers other than Components, select and execute the appropriate one based on which Front-End product you will use to run the process.
- Please refer to "3DxSUITE Daimler Bundle Package Manual" for more details on the processing method.

1.4. Installation of Sentinel RMS License Manager

3DxSUITE product line is licensed by Thales' Sentinel RMS License Manager. Install Sentinel RMS License Manager by running the following installer. Please refer to "Sentinel RMS License Manager Setup & Quick Start Guide" for more details.

- [Sentinel RMS License Manager Installer]
<3DxSUITE Base Package>\license_server\installer\setup.exe
- [Sentinel RMS License Manager Setup & Quick Start Guide]
<3DxSUITE Base Package>\doc\LicenseServer_QuickStartGuide_en.pdf

If you run the installer in an environment where an earlier version of Sentinel RMS License Manager is installed, the following dialog may appear during the installation. In case this dialog appears, select "Automatically close and attempt to restart applications." and click [OK].



Sentinel RMS License Manager can be installed on a same computer on which the 3DxSUITE product is installed, or on a different computer. Please note that if you are installing on a different computer, make sure that the computer can communicate with the computer on which the 3DxSUITE product is installed. Also, Sentinel RMS License Manager only needs to be installed on one computer in the environment and does not have to be installed on all computers where the 3DxSUITE products are installed.

1.5. Installation of .NET Framework

Please note that you may need to manually install ".NET Framework" before the installation of 3DxSUITE products depending on your environment.

See below and install it if necessary.

1. .NET Framework 4.0 to under 4.8 are installed

Run the following installer manually to install .NET Framework 4.8 before the installation of 3DxSUITE products.

- <3DxSUITE Base Package>\util\Microsoft .NET\Runtime\ndp48-x86-x64-allos-enu.exe

2. .NET Framework 3.* or earlier is installed / .NET Framework is not installed

Skip this process, and start the installation of 3DxSUITE products. .NET Framework 4.8 will be installed automatically.

3. .NET Framework 4.8 or later is installed

Skip this process, and start the installation of 3DxSUITE products. An appropriate .NET Framework version is already installed.

2. Elysium 3DxSUITE Components

Programs that need to be installed in advance

- n/a

2.1. Installation



You need Administrator privileges to install Elysium products. When installing Components, select whether to install all at once with the integrated installer or selectively install the Components with individual installers. A summary of each method is as follows.

- **Installation with integrated installer:**

When selecting a Component to install, the prerequisite Components are also selected and automatically installed together. Since the installer is executed only once, installation requires the least labor hours. Normally, select this method.

- **Selective installation with individual installer:**

Select and install only the minimum required Components. Because no unrelated Components are installed, storage space consumption will be minimized. It is also possible to use the integrated installer for initial setup, and then use selective installation for adding features later.

The installation procedure for each method is as follows.

2.1.1. Installation with Integrated Installer

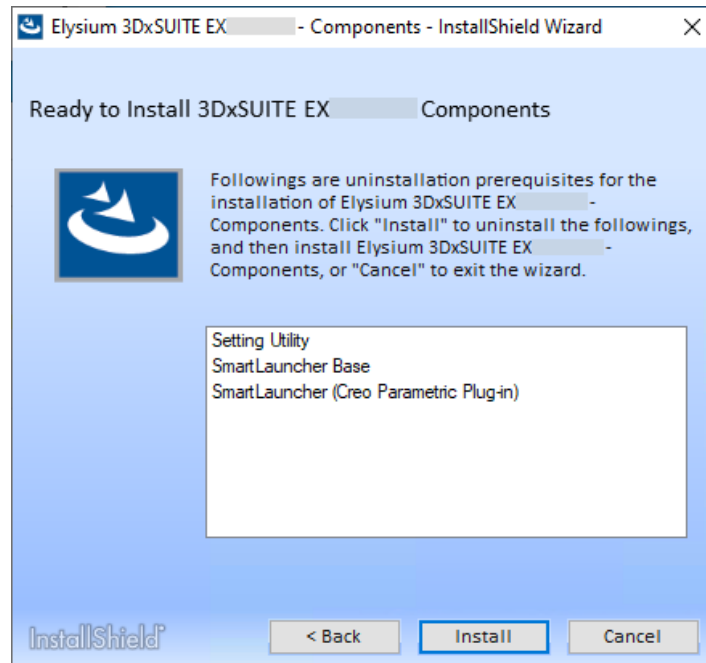


- Please note that installation will fail if the installer placed on a network drive is executed from a command prompt run as an administrator.
 - Start the command prompt with login user privileges and run the installer.
 - Run the installers for the Components by specifying the UNC path.
 - Copy the installer for the Components to a local drive and then run it.



- When you click [Cancel] while the integrated installer is running, it will not roll back any installations that have been performed up to that point. If necessary, uninstall the installed application manually.

- When installing Setting Utility, 3DxSUITE SmartLauncher Base, or SmartLauncher (Plug-in) from the integrated installer, the older version of the application is uninstalled first. After that, the latest version will be installed, but if installation fails during the process, Setting Utility, 3DxSUITE SmartLauncher Base, or SmartLauncher (Plug-in) may not be installed successfully.

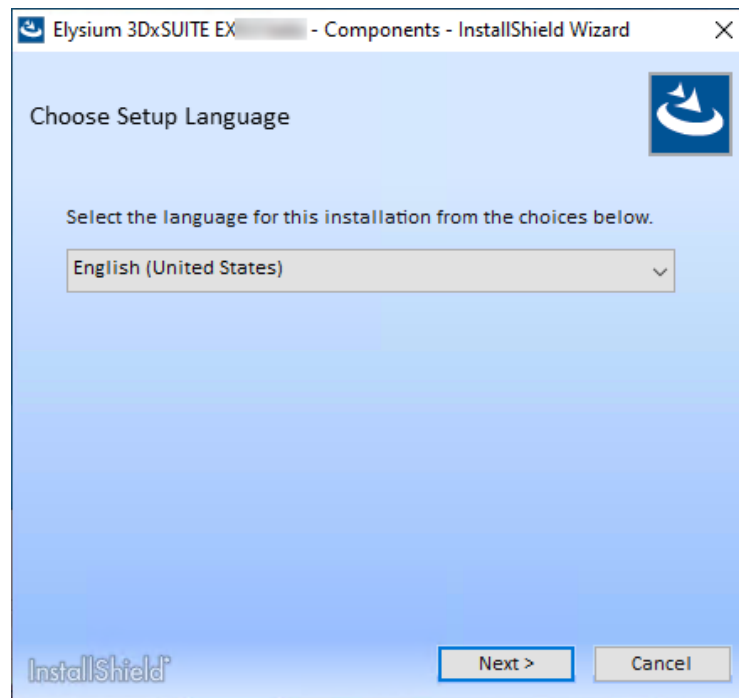


- If you install 3DxSUITE EX9.0.5 or 3DxSUITE EX9.0.14 while Setting Utility or SmartLauncher of 3DxSUITE EX9.1 has been installed, the application may not work properly. Therefore, please uninstall ALL applications included in 3DxSUITE EX9.1 before installing 3DxSUITE EX9.0.5 or 3DxSUITE EX9.0.14.

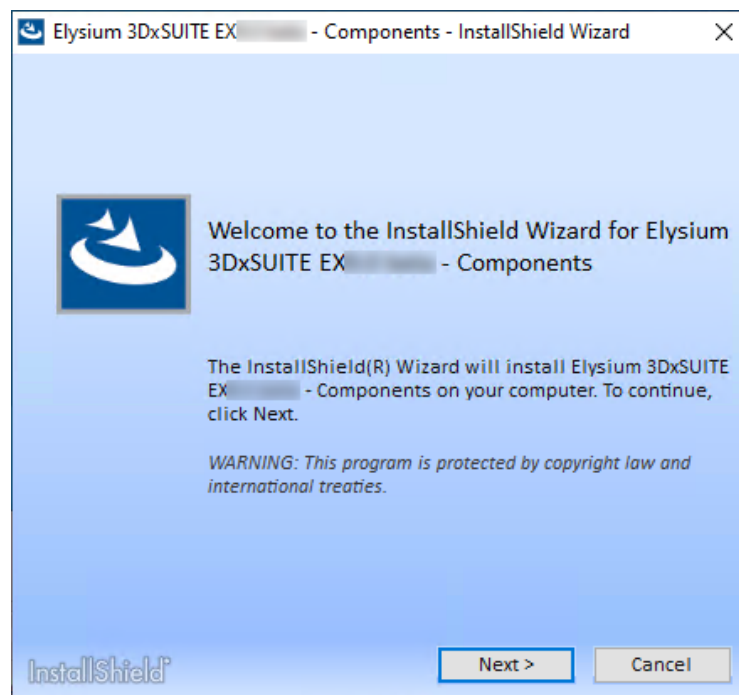
1. Run the installer for Components.

- Folder containing the installer: <3DxSUITE Components Package>\
- Installer: Elysium_3DxSUITE_EX9.1_Components.exe

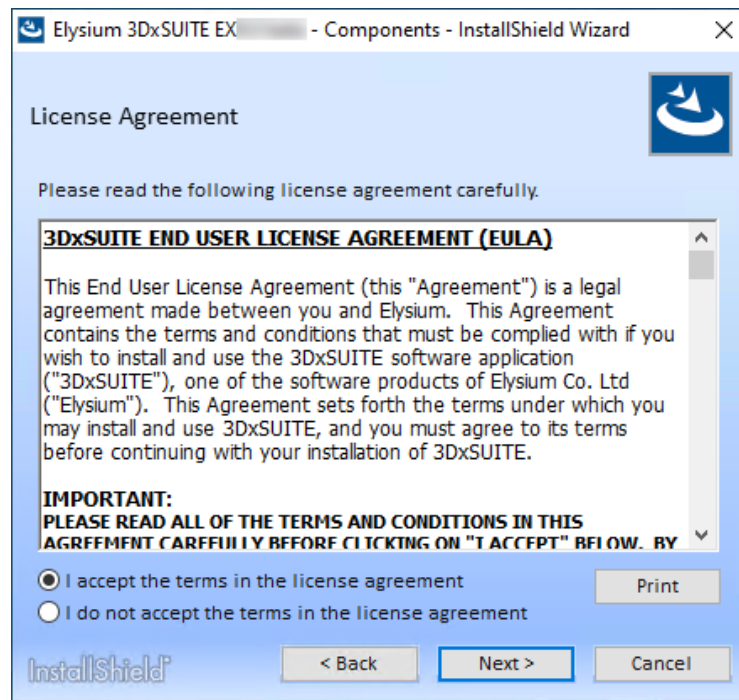
2. Select the language for the installation and click [Next]. English and Japanese are available.



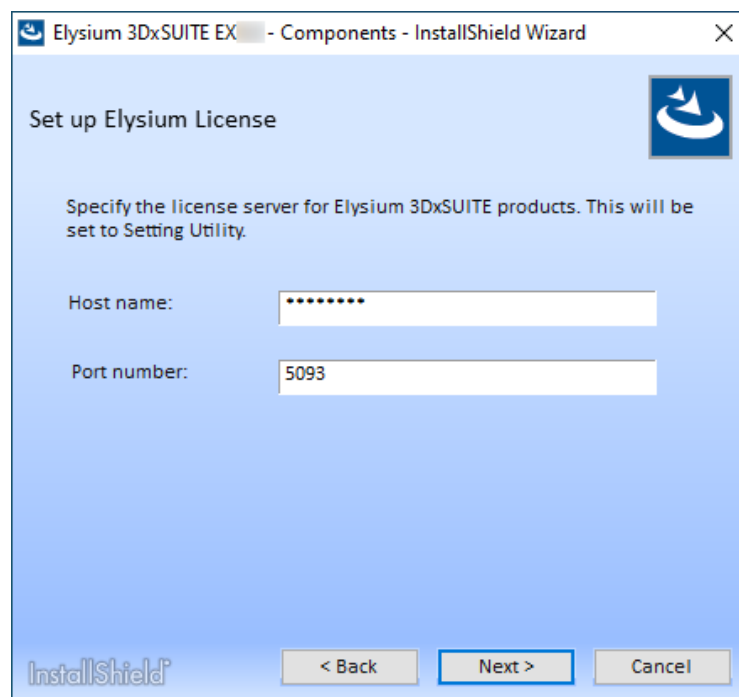
3. The installation start screen is displayed. Click [Next].



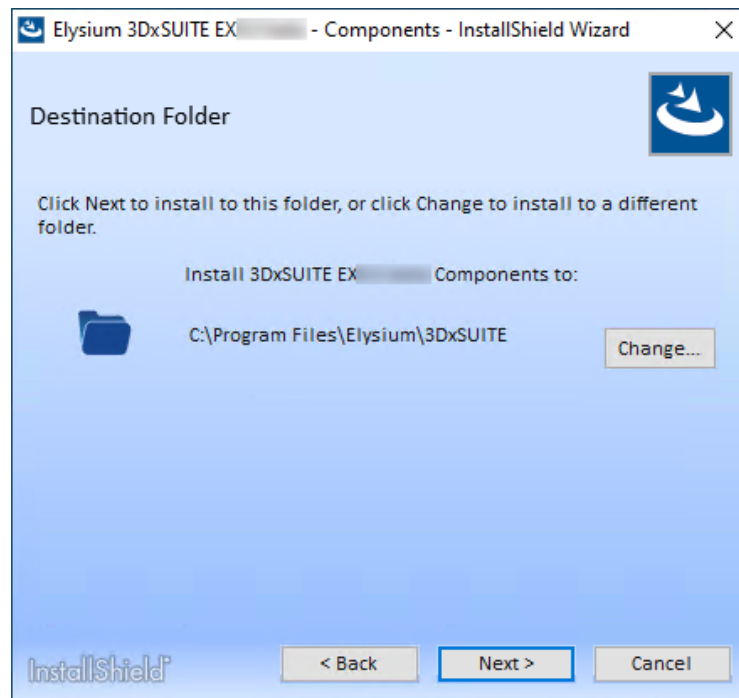
4. Read through the license agreement carefully. Select "I accept the terms in the license agreement" if you agree, and then click [Next]. If you don't accept, you cannot continue the installation.



5. "Set up Elysium License" dialog will appear. Enter Host name and Port number of the computer on which Sentinel RMS License Manager is installed.

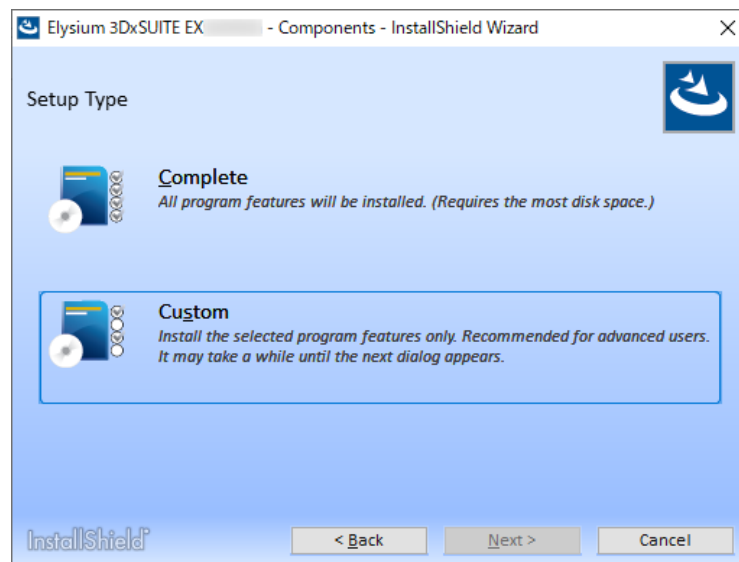


6. "Destination Folder" dialog will appear. To change the destination folder from default setting, click [Change] and specify the new destination folder. When the setting is finished, click [Next].



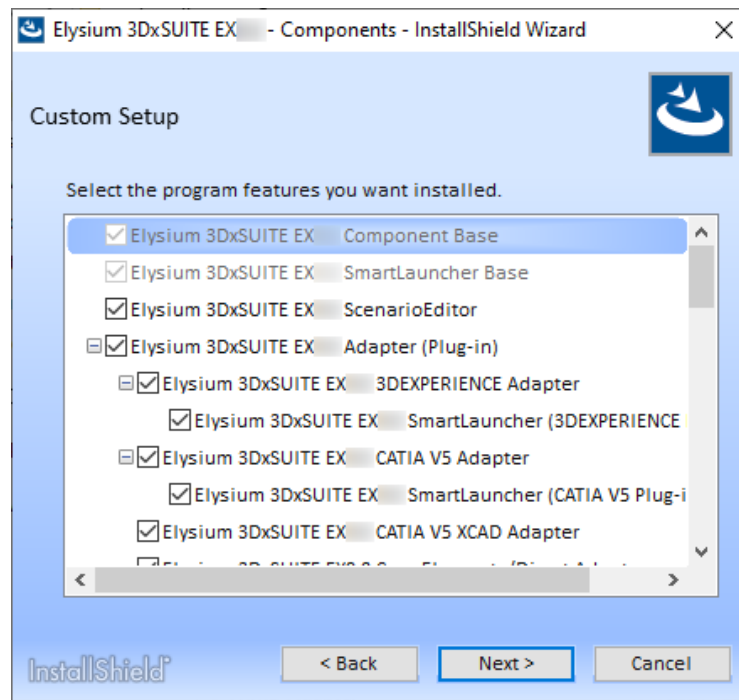
Please ensure that the destination folder path consists of ASCII characters only. If the folder path contains non-ASCII characters, the application may not work as expected.

7. Select a setup type.

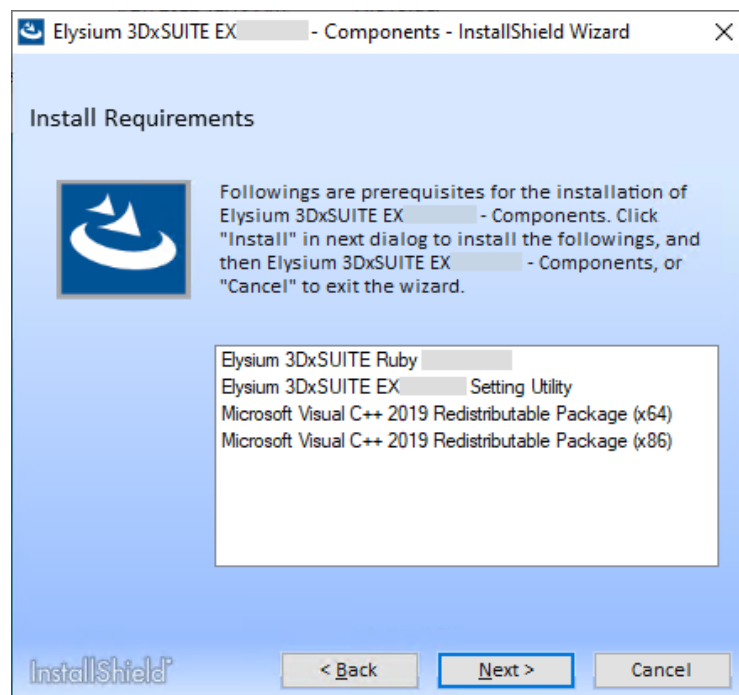


Please note that when selecting "Custom", it may take a while until the next dialog appears.

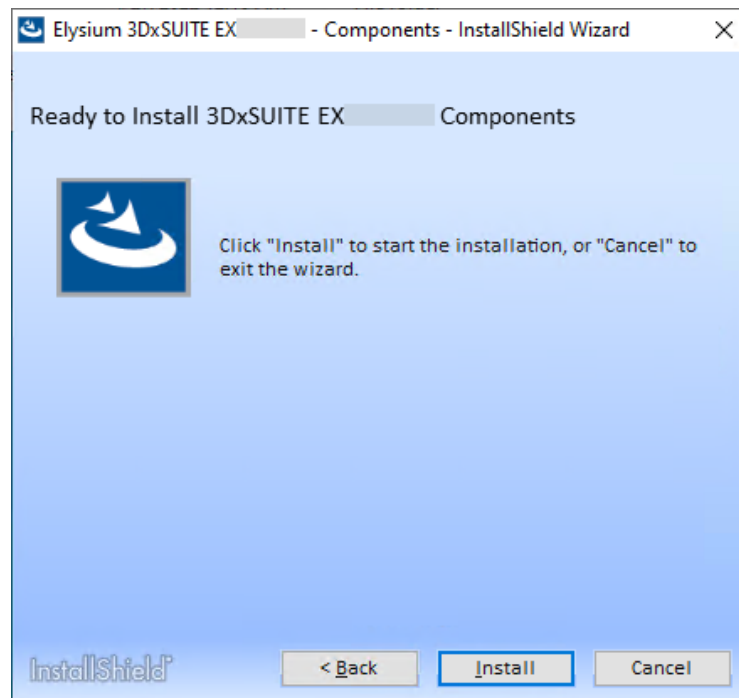
When selecting "Custom", select the program features you want to install. The components to be installed are automatically selected by referring to the license server specified in step 5. Change the selection status as needed and click [Next].



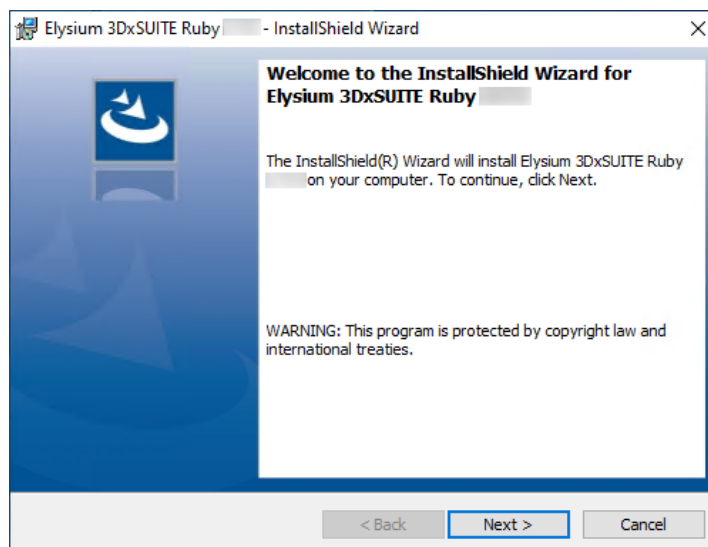
8. If the following content appears, click [Next].



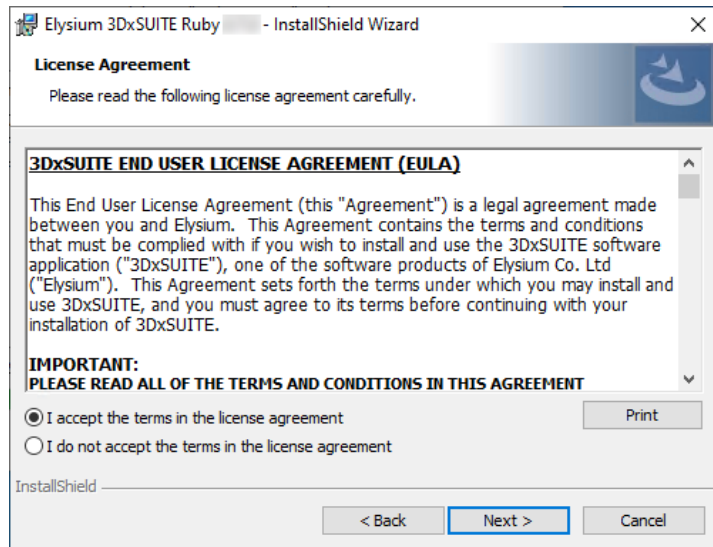
9. Click [Install] to start the installation.



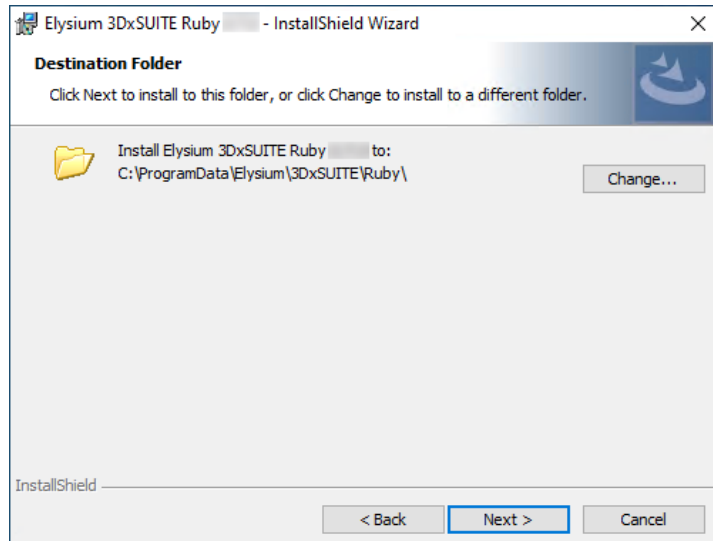
10. If Elysium 3DxSUITE Ruby is not installed in the environment, Elysium 3DxSUITE Ruby installer will start. Follow the steps below to perform the installation. If Elysium 3DxSUITE Ruby is already installed, skip to the step after installing Elysium 3DxSUITE Ruby.
 - a. Installation Wizard starts. Click [Next].



- b. Select "I accept the terms in the license agreement" if you accept the license agreement and click [Next]. If you don't accept, you cannot continue the installation.

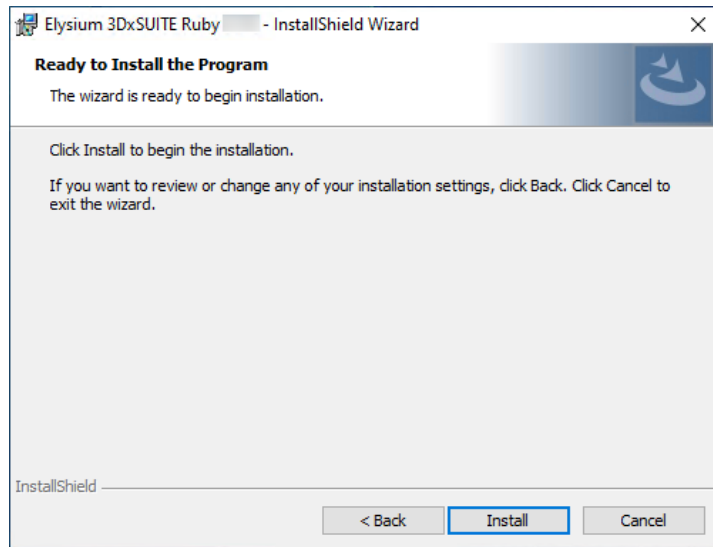


- c. "Destination Folder" dialog will appear. To change the destination folder from default setting, click [Change] and specify the new destination folder. When the setting is finished, click [Next].

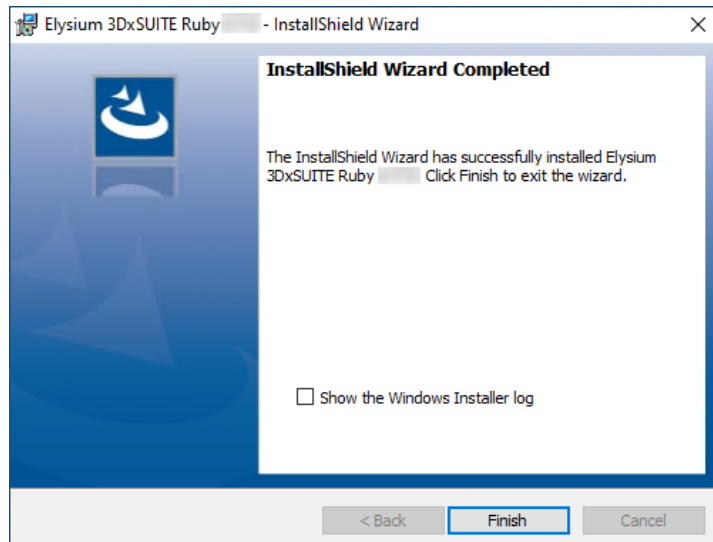


Please ensure that the destination folder path consists only of one-byte alphanumeric characters and several one-byte symbols ("#", "+", "-", "_", ".", "\$", "/", ":"). If characters other than these are included in the path, an error will occur.

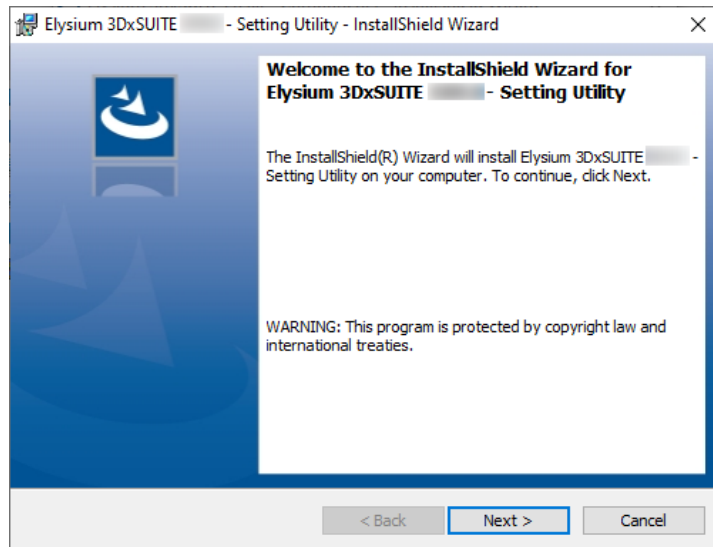
- d. Click [Install] to start the installation.



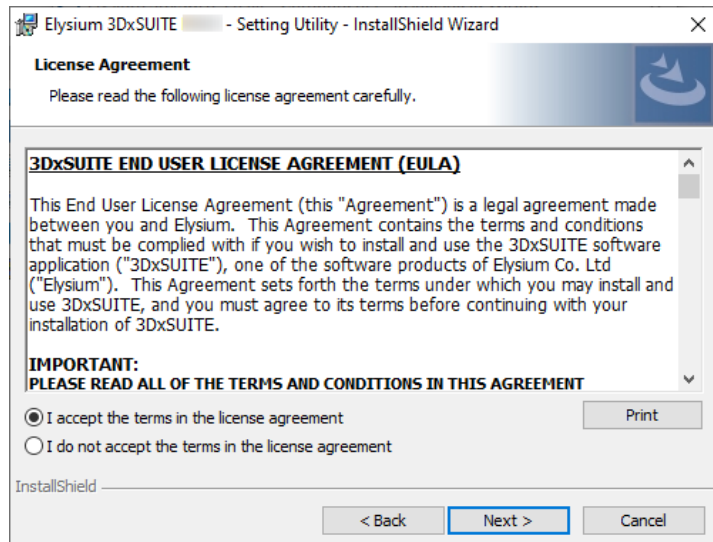
- e. When installation is completed, the following dialog will appear. Click [Finish] to end the installer.



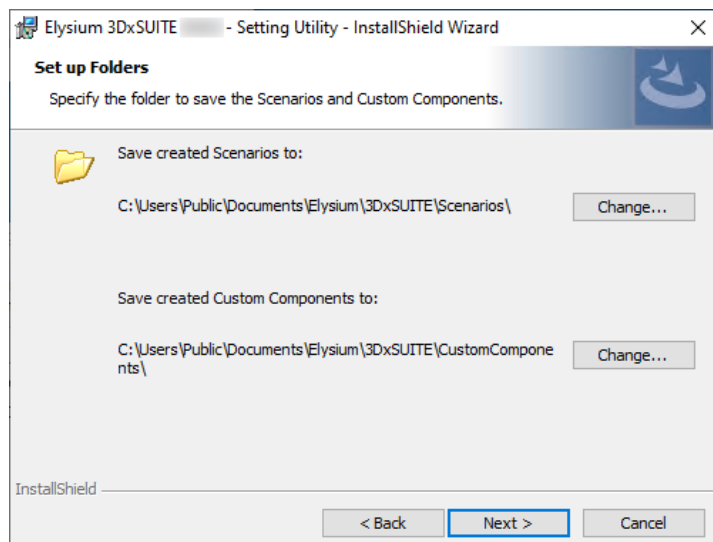
11. If Setting Utility is not installed, the Setting Utility installer will start. Follow the steps below to perform the installation. If Setting Utility is already installed, skip to the step after installing Setting Utility.
 - a. Installation Wizard starts. Click [Next].



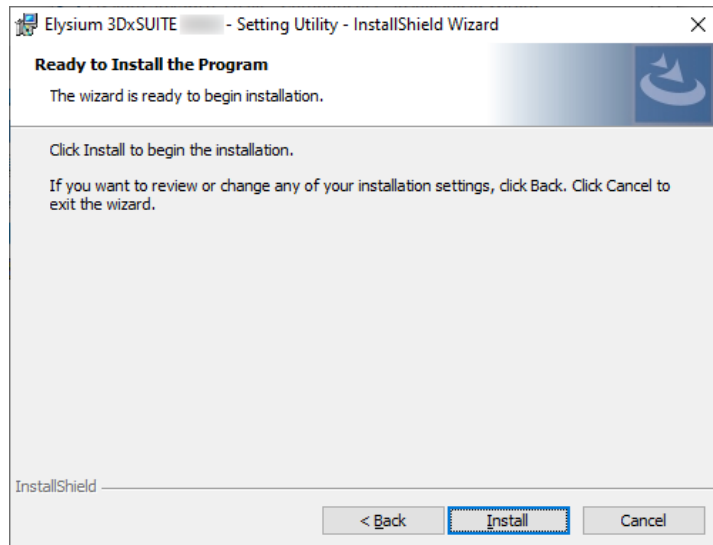
- b. Select "I accept the terms in the license agreement" if you accept the license agreement and click [Next]. If you don't accept, you cannot continue the installation.



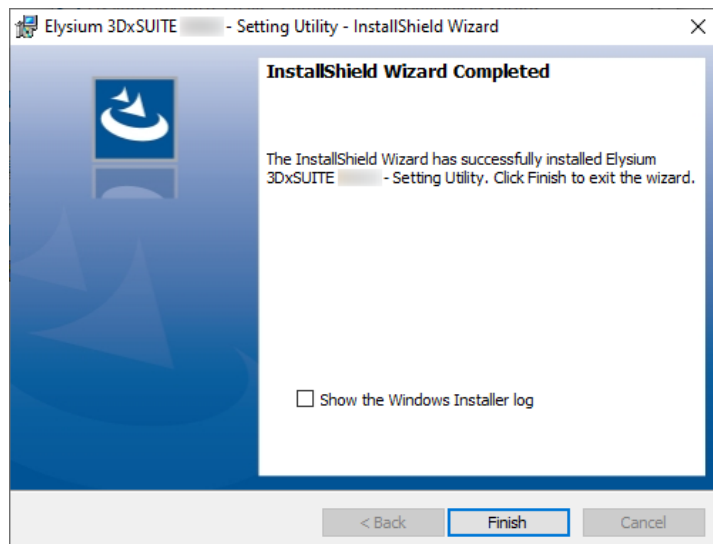
- c. "Set up Folders" dialog will appear. Change the folder path if necessary, and then click [Next].



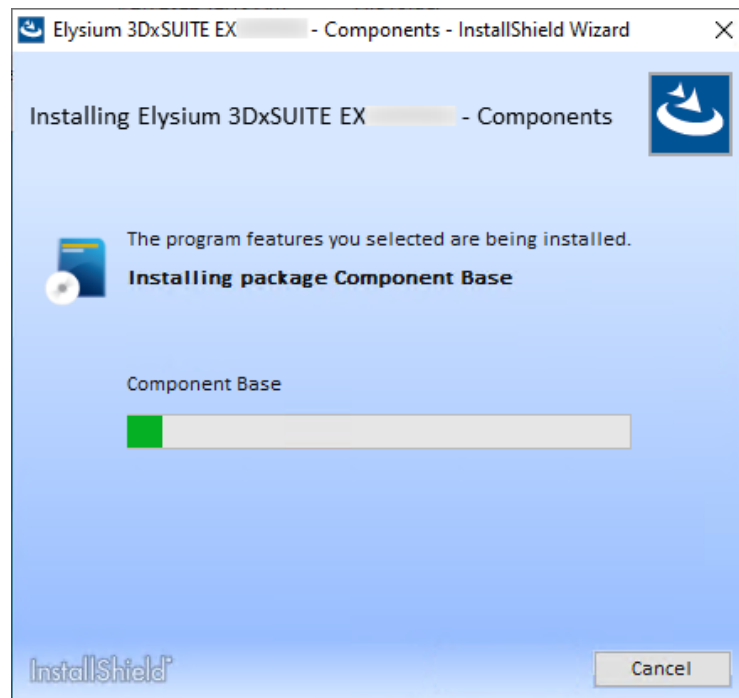
- d. Click [Install] to start the installation.



- e. When the installation of Setting Utility is completed, the following dialog will appear. Click [Finish] to end the installer.

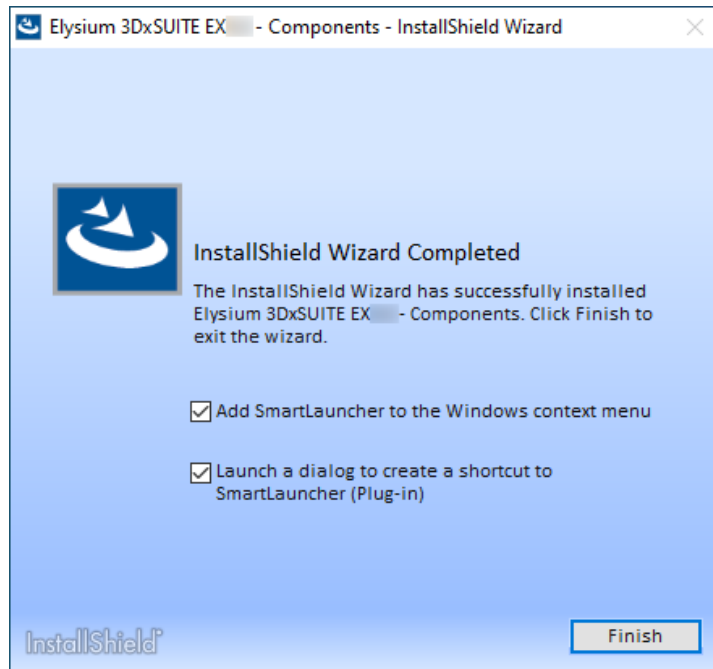


12. Installation of the Components will be executed. Wait for the process to finish.



When you click [Cancel] while the integrated installer is running, it will not roll back any installations that have been performed up to that point. If necessary, uninstall the installed application manually.

13. When the installation of Components are completed, the following dialog will appear. Select the required items and click [Finish]. You may need to reboot the OS after exiting the installation.
 - Add SmartLauncher to the Windows context menu
If enabled, [Elysium] will be added to the menu that appears when you right-click on a file in File Explorer, allowing you to translate files and run Scenarios.
 - Launch a dialog to create a shortcut to SmartLauncher (Plug-in)
If enabled, you can continue with the shortcut settings of SmartLauncher (Plug-in). Please refer to "3DxSUITE SmartLauncher Manual" for the shortcut settings of SmartLauncher (Plug-in).



When you click [Finish], a dialog may appear asking you to reboot the OS. If [Yes] is clicked in the dialog before configuring the shortcut, the OS will reboot immediately so you will not be able to configure the setting at this point.

To configure the shortcut for SmartLauncher Plug-in, be sure to do so before clicking [Yes] in the dialog prompting you to reboot. Even if [Yes] is clicked before configuring the shortcut, you can still configure the same setting later from "3DxSUITE Setting".

2.1.2. Installation by Selecting Components



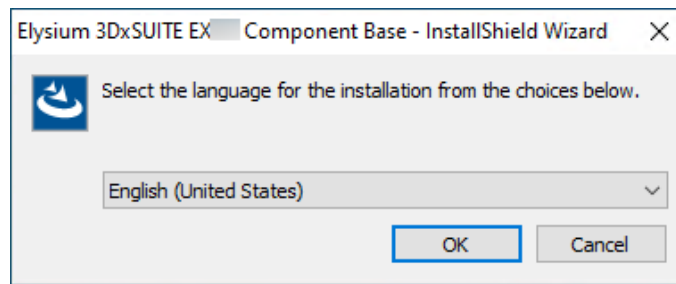
Usually this procedure is not required when installing with the integrated installer.

By running the installer located in the folder of the Components installer line-up, you will be able to select and install the Components you want.

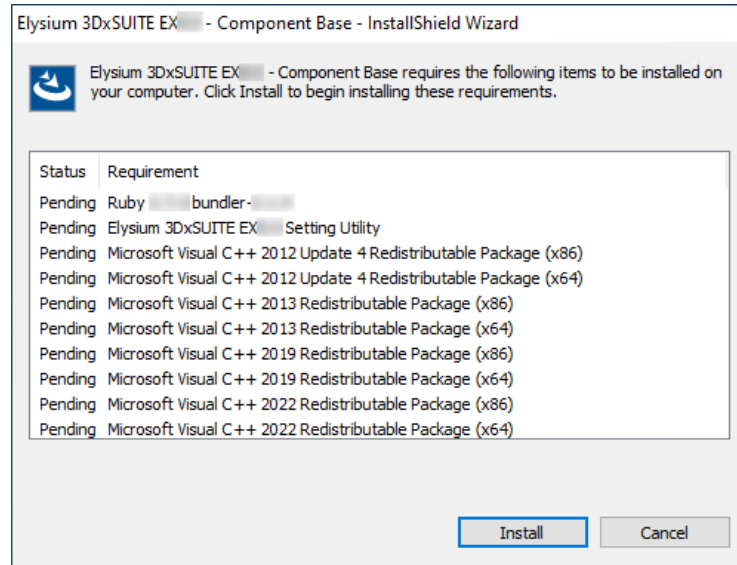
- [3DxSUITE Component Base](#)
 - Must be installed to run 3DxSUITE products.
- [Adapter](#)
 - Each Adapter can be installed separately. However, 3DxSUITE Component Base must be installed before installing the Adapter.

Component Base

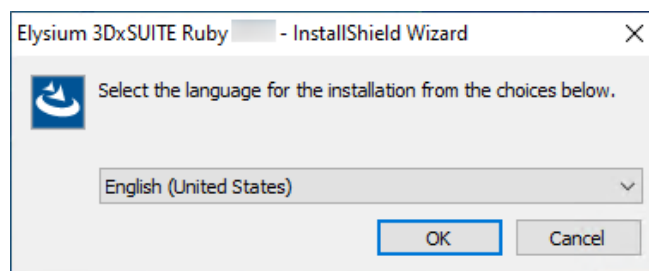
1. Select the language for the installation and click [OK].



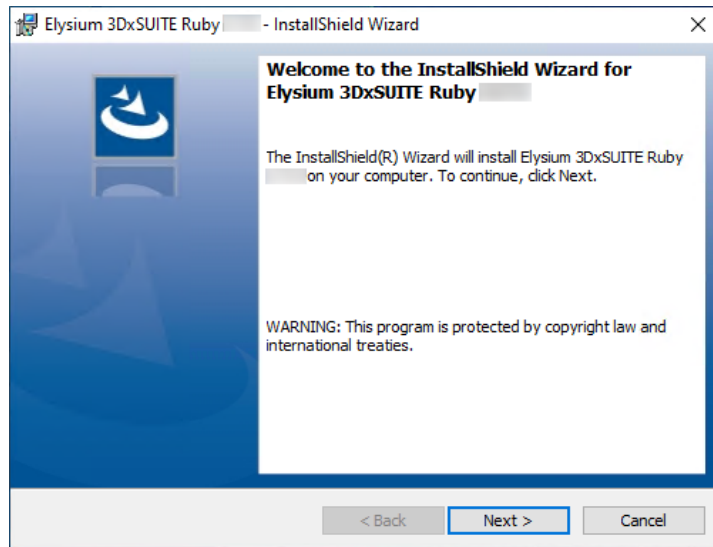
2. If below dialog is displayed, click [Install] to start the installation. (If required programs are already installed, this dialog will not appear.)



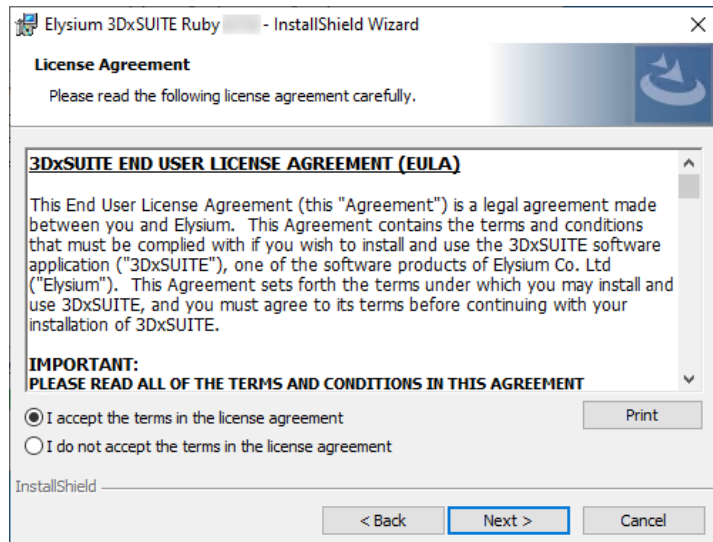
3. If Elysium 3DxSUITE Ruby is not installed in the environment, Elysium 3DxSUITE Ruby installer will start. Follow the steps below to perform the installation. If Elysium 3DxSUITE Ruby is already installed, skip to the step after installing Elysium 3DxSUITE Ruby.
 - a. Select which language to use when installing, and click [OK].



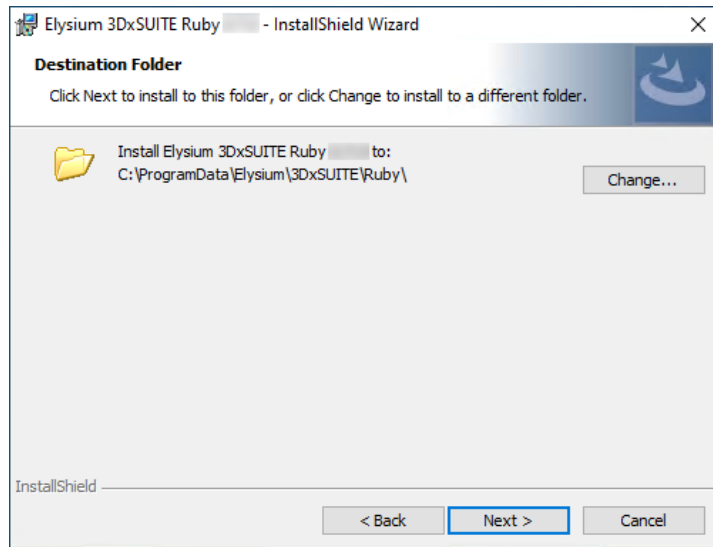
- b. Installation Wizard starts. Click [Next].



- c. Select "I accept the terms in the license agreement" if you accept the license agreement and click [Next]. If you don't accept, you cannot continue the installation.

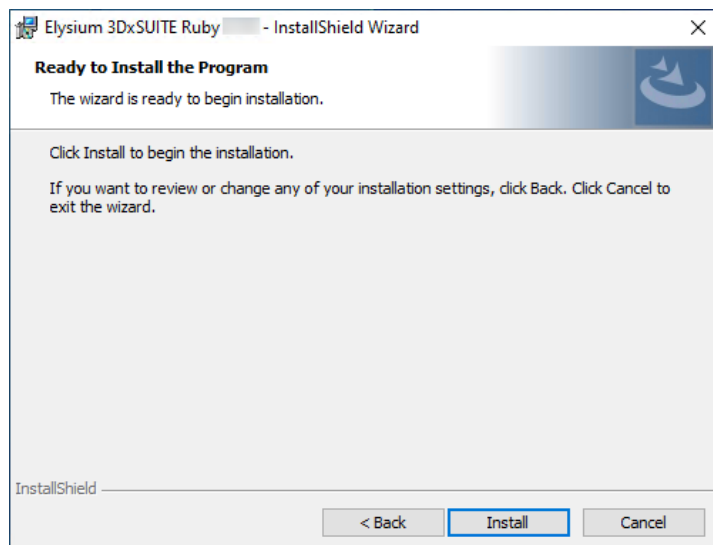


- d. "Destination Folder" dialog will appear. To change the destination folder from default setting, click [Change] and specify the new destination folder. When the setting is finished, click [Next].

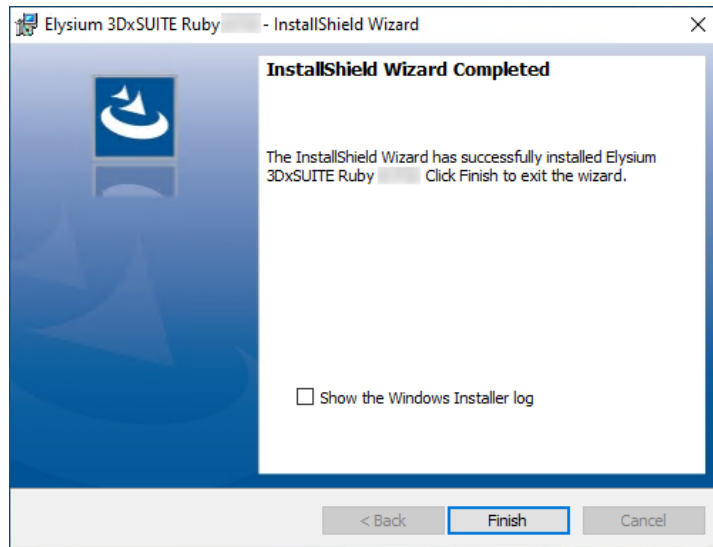


Please ensure that the destination folder path consists only of one-byte alphanumeric characters and several one-byte symbols ("#", "+", "-", "_", ".", "\$", "/", ":"). If characters other than these are included in the path, an error will occur.

- e. Click [Install] to start the installation.

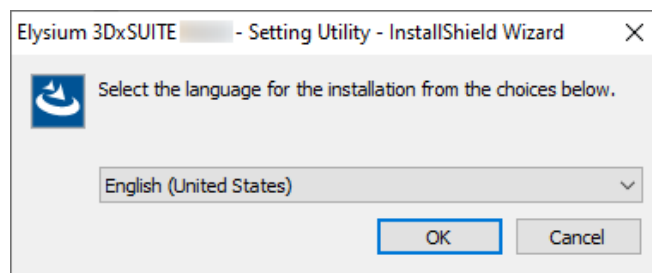


- f. When installation is completed, the following dialog will appear. Click [Finish] to end the installer.

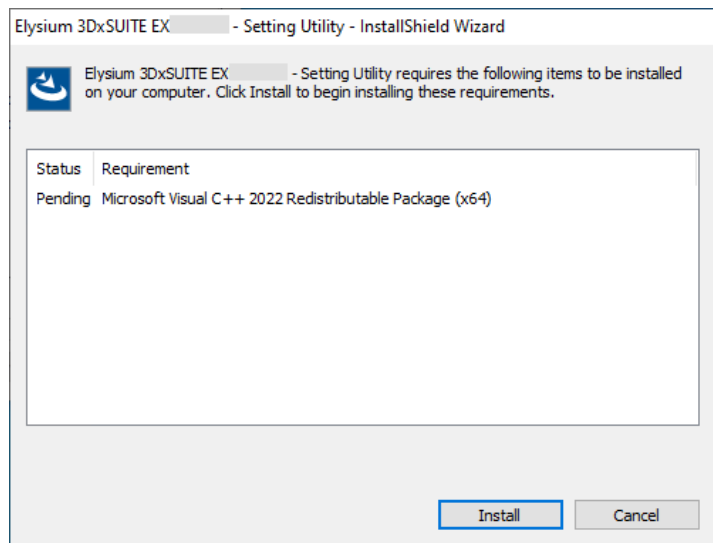


4. If Setting Utility is not installed, the Setting Utility installer will start. Follow the steps below to perform the installation. If Setting Utility is already installed, skip to the step after installing Setting Utility.

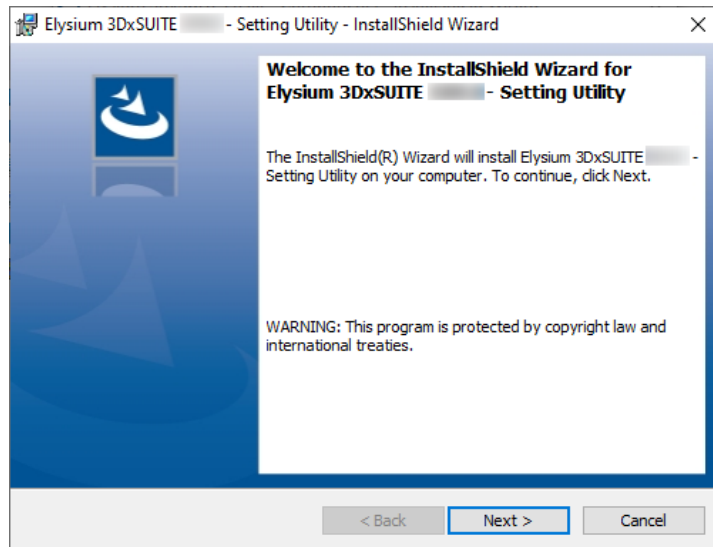
a. Select which language to use when installing, and click [OK].



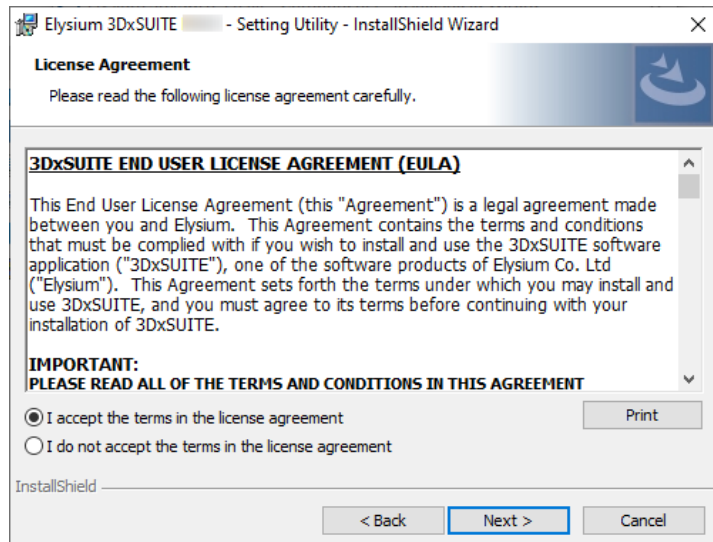
- b. If above dialog is displayed, click [Install] to start the installation. If 3DxSUITE Setting Utility is already installed, this dialog will not appear.



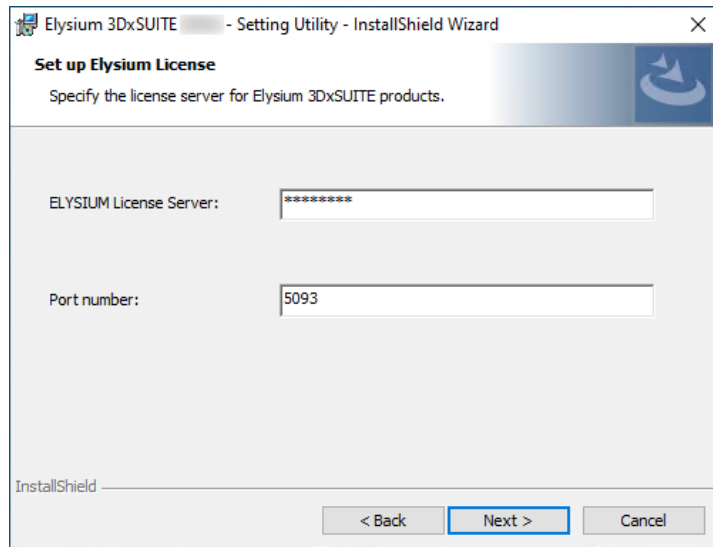
c. Installation Wizard starts. Click [Next].



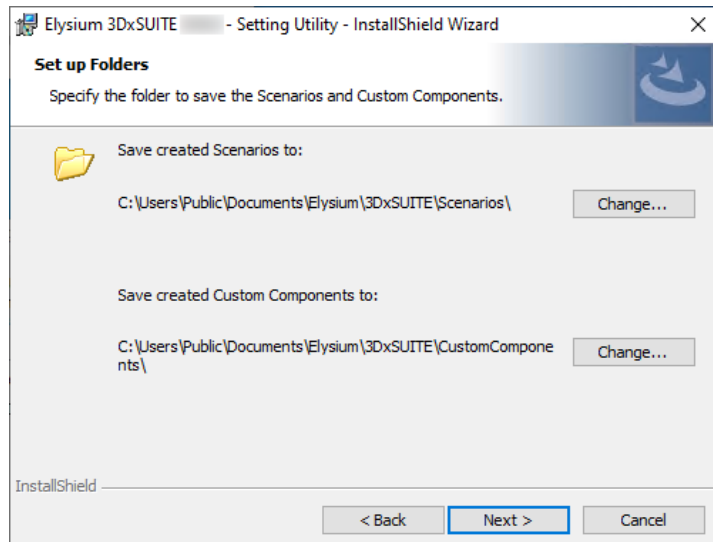
- d. Select "I accept the terms in the license agreement" if you accept the license agreement and click [Next]. If you don't accept, you cannot continue the installation.



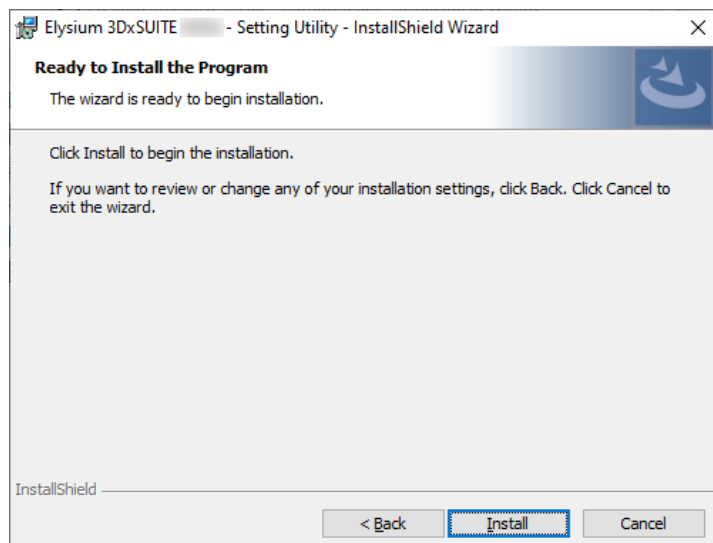
- e. "Set up Elysium License" dialog will appear. Enter Host name of the computer where you installed Sentinel RMS License Manager, and if necessary, change Port number. And then click [Next].



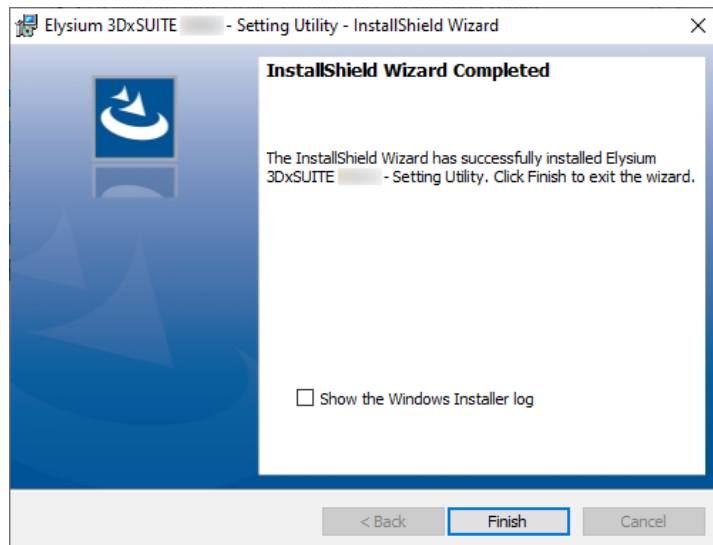
- f. "Set up Folders" dialog will appear. Change the folder path if necessary, and then click [Next].



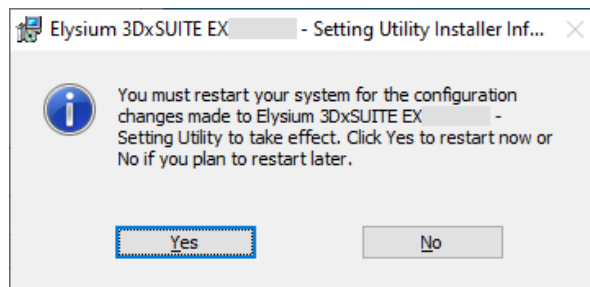
- g. Click [Install] to start the installation.



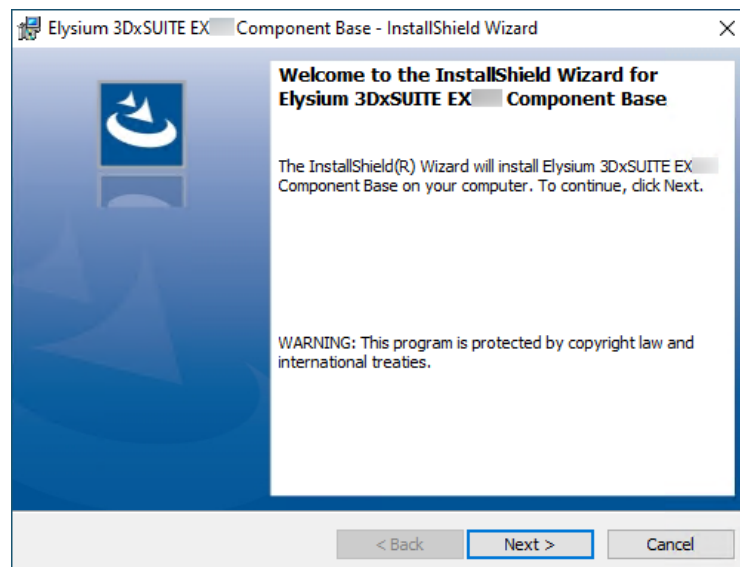
- h. When the installation of Setting Utility is completed, the following dialog will appear. Click [Finish] to close the installer.



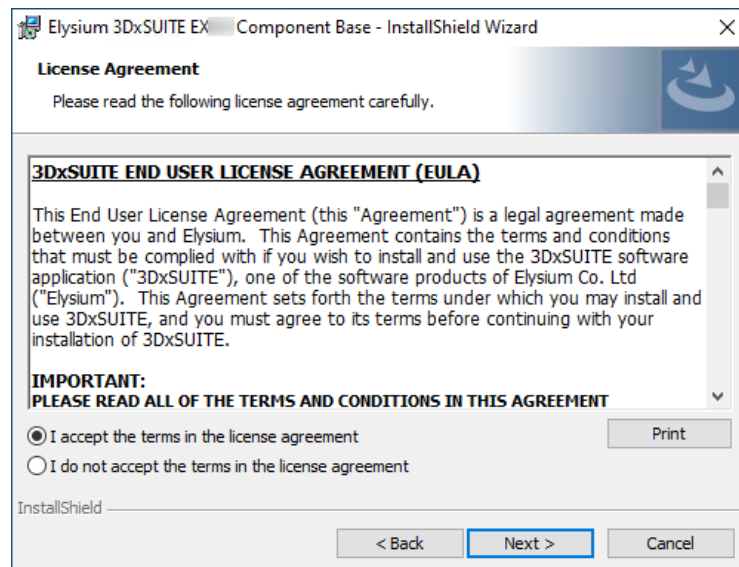
- i. When a dialog appears prompting you to reboot, then reboot the OS. After the OS has rebooted, continue with the next step.



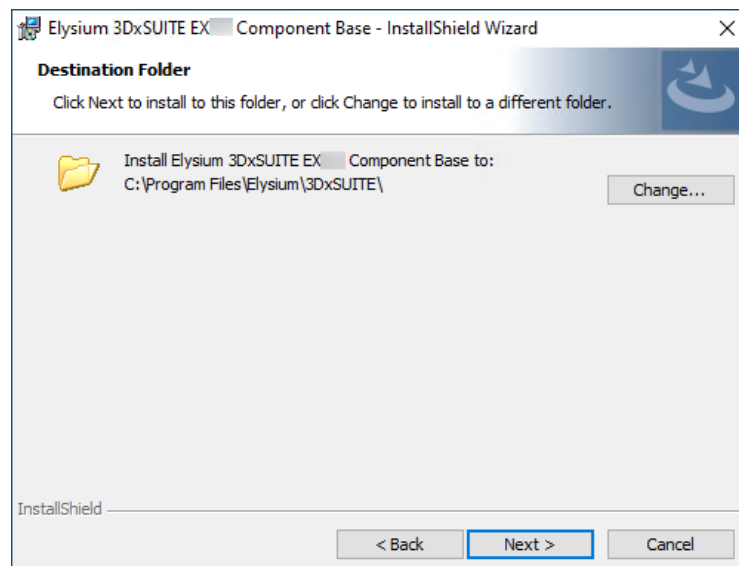
5. Install Wizard will appear. Click [Next].



6. Read through the license agreement carefully. Select "I accept the terms in the license agreement" if you agree, and then click [Next]. If you disagree, you cannot continue the installation.

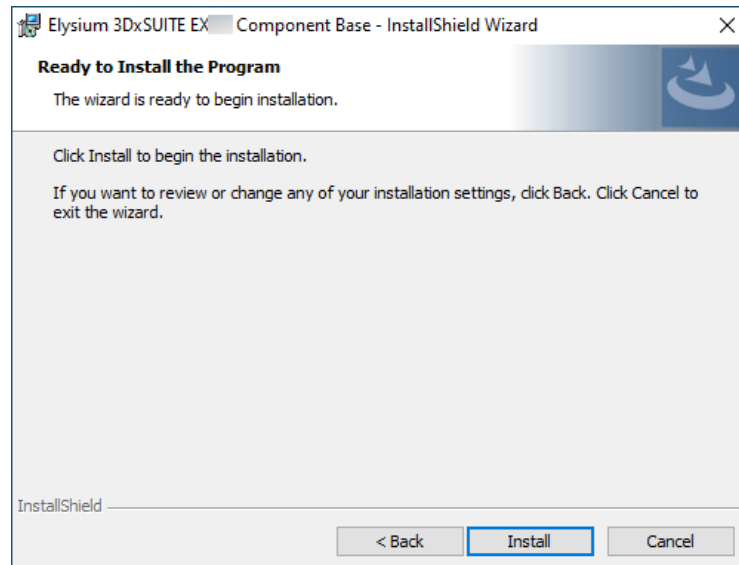


7. "Destination Folder" dialog will appear. To change the destination folder from default setting, click [Change] and specify the new destination folder. When the setting is finished, click [Next].

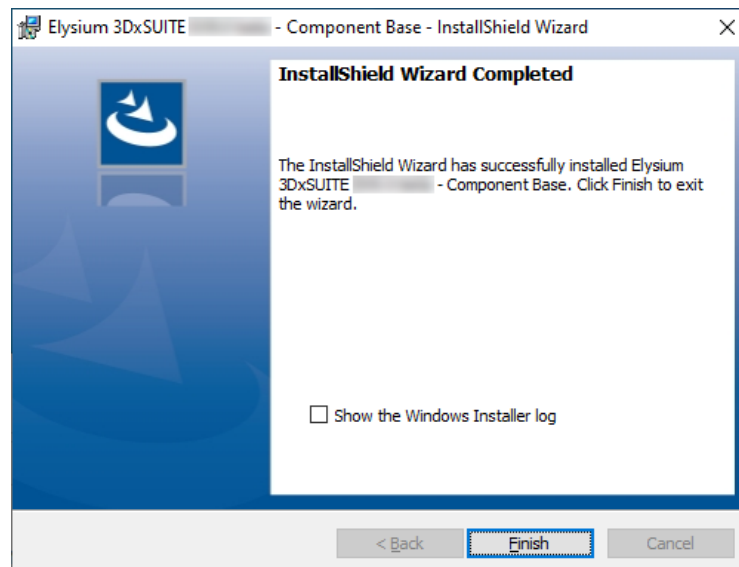


Please ensure that the destination folder path consists of ASCII characters only. If the folder path contains non-ASCII characters, the application may not work as expected.

8. Click [Install] to start the installation.

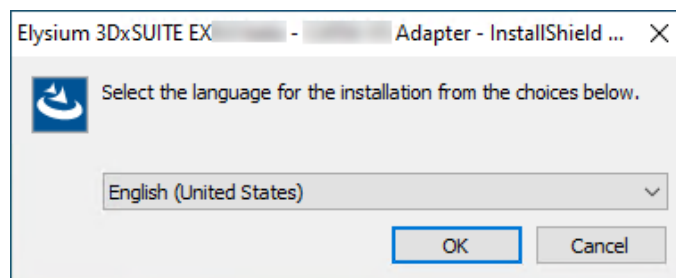


- When installation is completed, the following dialog will appear. Click [Finish]. You may need to reboot the OS after exiting the installation.

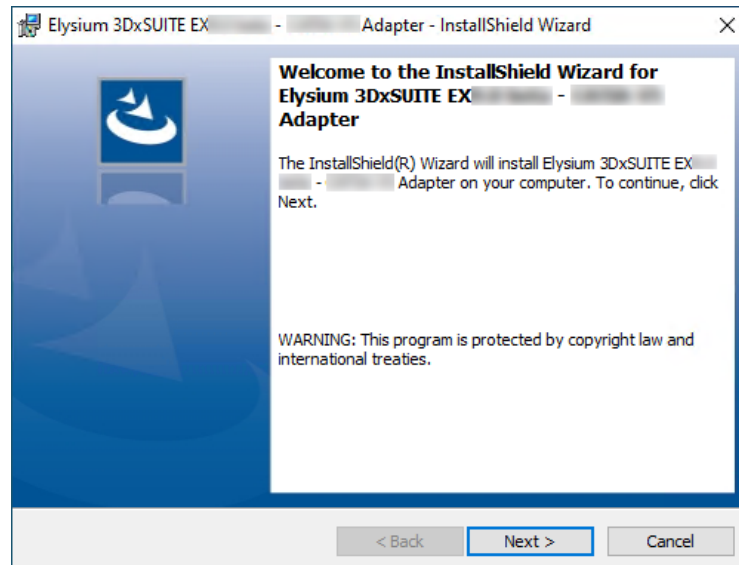


Adapter

- Select the language for the installation and click [OK].



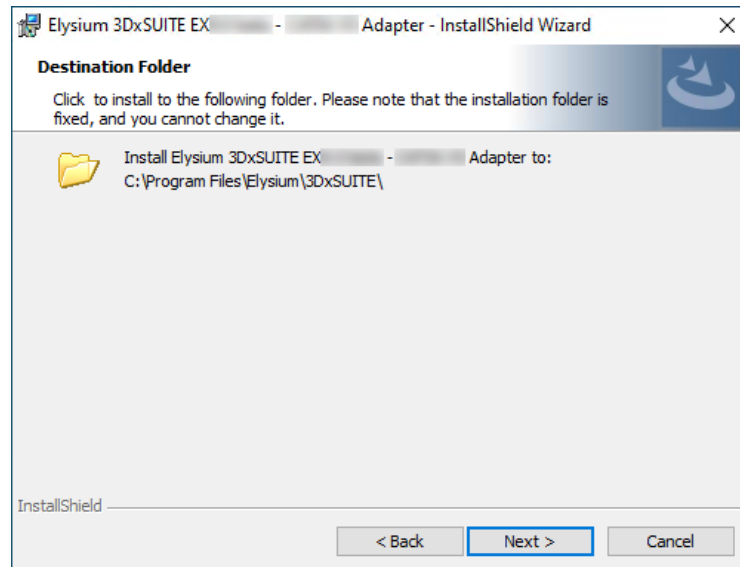
- Install Wizard will appear. Click [Next].



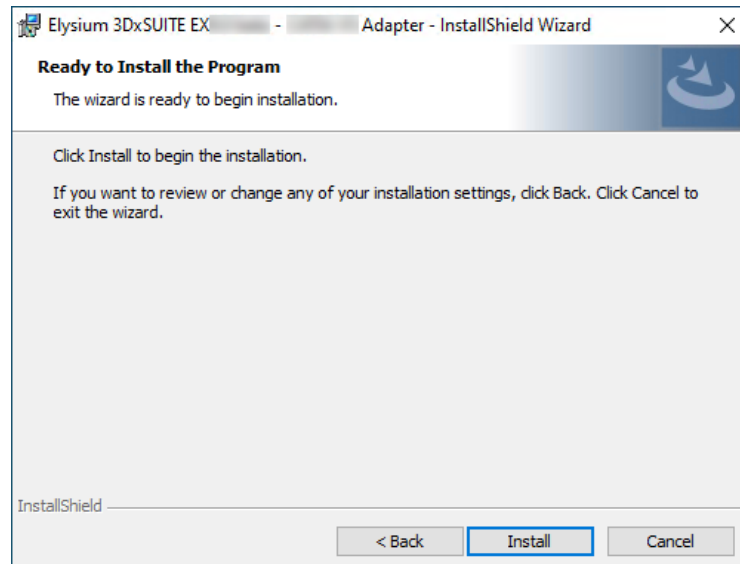
3. Read through the license agreement carefully. Select "I accept the terms in the license agreement" if you agree, and then click [Next]. If you disagree, you cannot continue the installation.



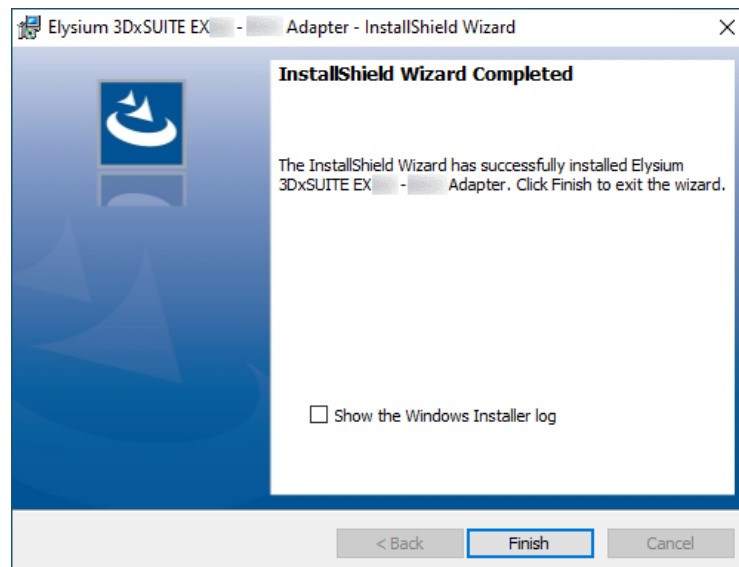
4. "Destination Folder" dialog will appear. It will be installed in the folder specified in 3DxSUITE Component Base and cannot be changed. Click [Next].



5. Click [Install] to start the installation.



6. When installation is completed, the following dialog will appear. Click [Finish]. You may need to reboot the OS after exiting the installation.



2.1.3. Silent Installation

For integrated installer

Run command prompt as an administrator, and run the installer from the installation package with arguments to specify options. This will allow you to install Components without any user interaction.

- Installer of 3DxSUITE Components "Elysium_3DxSUITE_EX9.1_Components.exe" is located in the following path.
 - <3DxSUITE Components Package>\
- Command format is as follows:
 - Full Installation (No line breaks required)

```
Elysium_3DxSUITE_EX9.1_Components.exe /silent INSTALLDIR=<Any folder path>
ELY_SEC_SERVER=<Host name> ELY_SEC_PORT=<Port number>
```

- Custom Installation (No line breaks required)

```
Elysium_3DxSUITE_EX9.1_Components.exe /silent INSTALLDIR=<Any folder path>
ELY_SEC_SERVER=<Host name> ELY_SEC_PORT=<Port number>
ISFeatureInstall=<Components to install>
```

Add more options to customize the installation (Components to install, and settings) for your needs. Below is a list of options available for this installation.

- INSTALLDIR

Description	Specify the installation folder.
Value	Any folder path
Default value	Not specified (Empty string)
Note	-

- ELY_SEC_SERVER

Description	Specify the host name of the license server.
Value	Any character string
Default value	Not specified (Empty string)
Note	-

- ELY_SEC_PORT

Description	Specify the port number of the license server.
Value	Any number
Default value	5093
Note	-

- /debuglog

Description	Specify the path of the installer log. If you specify this option, the log will be written. This option can also be used for non-silent installation.
Value	Log file path (Do not insert any space between "/debuglog" and the path, and enclose the path in double quotation marks.)
Default value	Not specified (Empty string)
Note	Example of execution is as follows: <div style="border: 1px solid #ccc; padding: 10px; background-color: #f9f9f9; margin: 10px 0;"> Elysium_3DxSUITE_EX9.1_Components.exe /debuglog"C:\temp\components.log" </div>

- ISFeatureInstall

Description	Specify which Components / Utility Tool to install.
-------------	---

Value	A string that indicates which Component / Utility Tool to install (Multiple strings are allowed. Use commas to separate.)
Default value	Not specified (Empty string)
Note	If this option is not specified, all Components and Utility Tool will be installed.



The following "SETTING_COMMON_DATA_FOLDER", "SETTING_CATEGORY", and "SETTING_SL_DATA_FOLDER" become valid parameters only when all three parameters are set.

- SETTING_COMMON_DATA_FOLDER

Description	If a folder is specified with this option, the files (preference.json and user_environment.bat) in the specified folder will be copied. Specify where to copy to in the option "SETTING_CATEGORY" below.
Value	Any folder path
Default value	Not specified (Empty string)
Note	-

- SETTING_CATEGORY

Description	Specify where to save the copied files to when the above option "SETTING_COMMON_DATA_FOLDER" is specified.
Value	Either "UserCommon" or "LocalUser"
Default value	Not specified (Empty string)
Note	<p>When UserCommon is specified, the file is saved in:</p> <div style="border: 1px solid #ccc; padding: 5px; margin: 5px 0;"> <pre>%PUBLIC%\Documents\Elysium\3DxSUITE\Config\Common</pre> </div> <p>When LocalUser is specified, the file is saved in:</p> <div style="border: 1px solid #ccc; padding: 5px; margin: 5px 0;"> <pre>%LOCALAPPDATA%\Elysium\3DxSUITE\Config\Common</pre> </div>

- SETTING_SL_DATA_FOLDER

Description	The file (sl_preference_v1.json) in the folder specified by this option is copied to the computer being installed.
-------------	--

Value	Any folder path
Default value	Not specified (Empty string)
Note	<p>The file is saved in:</p> <div style="border: 1px solid #ccc; padding: 10px; margin: 10px 0;"> %LOCALAPPDATA%\Elysium\3DxSUITE\Config\SmartLauncher </div>

Below strings are used to indicate the Components / Utility Tool. CB and SLB must be specified. If there is a common configuration string among the Components that you want to install, you only need to specify that string once. (See command example)

Component / Utility Tool	Configuration String
3DxSUITE Component Base	CB
3DxSUITE SmartLauncher Base	SLB
ScenarioEditor	SE
3DEXPERIENCE Adapter	DEXP
SmartLauncher (3DEXPERIENCE Plug-in)	DEXP,DEX_SL
CATIA V5 (Plug-in) Adapter	V5P
SmartLauncher (CATIA V5 Plug-in)	V5P,V5_SL
Creo Elements/Direct Adapter	CREDP
Creo Parametric (Plug-in) Adapter	CRPP
SmartLauncher (Creo Parametric Plug-in)	CRPP,CRP_SL
Inventor Adapter	AIP
NX (Plug-in) Adapter	NXP
SmartLauncher (NX Plug-in)	NXP,NX_SL
NX I-deas Adapter	IDEP
SOLIDWORKS Adapter	SWP
SmartLauncher (SOLIDWORKS Plug-in)	SWP,SW_SL
3D PDF Adapter	PDFS
3DXML Adapter	XMLS

Component / Utility Tool	Configuration String
ACIS Adapter	ACISS
CADmeister Adapter	CDMS
CATIA V4 Adapter	V4S
CATIA V5 (Standalone) Adapter	V5S
Creo Parametric(Standalone) Adapter	CRPS
Creo View Adapter	CVS
iCAD Adapter	ICADS
IGES Adapter	IGESS
JT Adapter	JTS
Nastran Adapter	NSTRS
NX (Standalone) Adapter	NXS
OBJ Adapter	OBJS
Parasolid Adapter	PARS
PLM XML Adapter	PLXMS
PointCloud Adapter	POCLS
QIF Adapter	QIFS
Solid Edge Adapter	SEP
STEP Adapter	STPS
STEP BOM Adapter	STPBS
STL Adapter	STLS
VRML Adapter	VRMLS
XPDMXML Adapter	XPDXMS
XVL Adapter	XVLS

Sample Commands:

- Full Installation (No line breaks required)

```
Elysium_3DxSUITE_EX9.1_Components.exe /silent INSTALLDIR="C:\\Program
Files\\Elysium\\Components" ELY_SEC_SERVER=Sever ELY_SEC_PORT=5093
```

- Custom Installation (No line breaks required)

```
Elysium_3DxSUITE_EX9.1_Components.exe /silent INSTALLDIR="C:\\Program
Files\\Elysium\\Components" ELY_SEC_SERVER=Sever ELY_SEC_PORT=5093
ISFeatureInstall=CB,SLB,V5P,V5_SL,STPS
```

For individual Component installer

Run command prompt as an administrator, and run the installer from the installation package with arguments to specify options. This will allow you to install each Component without any user interaction.

- Installer of each Component is located in the following path:
 - <3DxSUITE Components Package>\\<Component Name>
- Below is an example of a command. In the example, 3D PDF Adapter is used, but the same applies to other Components as well.

```
Elysium_3DxSUITE_EX9.1_3D_PDF_Adapter.exe /s /v"/l* \"C:\\temp\\install.log\" /qn"
```

This is a list of command arguments to pass to the installer when executing silent installation.

Command Argument	Description	Mandatory / Optional
/s	Execute installation or uninstallation in silent mode.	Mandatory
/v	Specify the following arguments in the form of /v"arg1 arg2 ...": <ul style="list-style-type: none"> • /l* "<Log file>" : Specify the log file path. A space is required between "/l*" and the filename. • /qn : Install or uninstall without displaying the dialog. • /qn+ : Dialog is displayed when installation or uninstallation is completed. 	Optional



Please note that your OS may reboot after you have executed and completed the silent installation with "3DxSUITE Component Base" installer.

2.2. Uninstallation



You need Administrator privileges to uninstall Elysium products.

2.2.1. Manual Uninstallation

For installing with integrated installer

1. From Windows menu, select [Start] > [Settings].
2. Then select [Apps].
3. From the list of applications displayed in "Apps & features", select "Elysium 3DxSUITE EX9.1 - Components" to uninstall.

For installing with individual Component installer



In the below example, 3D PDF Adapter is used, but the same applies to other Components as well.

1. From Windows menu, select [Start] > [Settings].
2. Then select [Apps].
3. From the list of applications displayed in "Apps & features", select "Elysium 3DxSUITE EX9.1 - 3D PDF Adapter" to uninstall.

2.2.2. Silent Uninstallation

For installing with integrated installer

Run command prompt as an administrator, and run the installer with arguments below. This will allow you to uninstall Components without any user interaction.

Sample Command:

```
Elysium_3DxSUITE_EX9.1_Components.exe /silent /remove
```



The option "/debuglog" can also be specified. Please refer to [this](#) for details about the option.

For installing with individual Component installer

Run command prompt as an administrator, and run the installer with arguments below. This will allow you to uninstall each Component without any user interaction.

- Below is an example of a command. In the example, 3D PDF Adapter is used, but the same applies to other Components as well.

```
Elysium_3DxSUITE_EX9.1_3D_PDF_Adapter.exe /s /x /v"/l* \"C:\temp\ininstall.log\"  
/qn"
```

3. Elysium 3DxSUITE Viewer

Programs that need to be installed in advance

- n/a

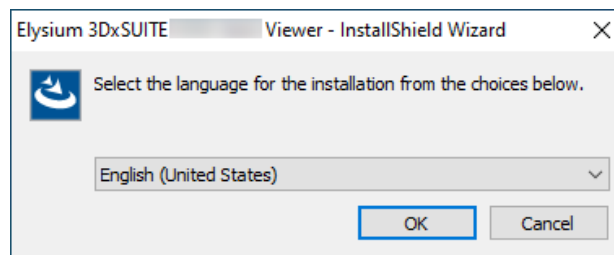
3.1. Installation



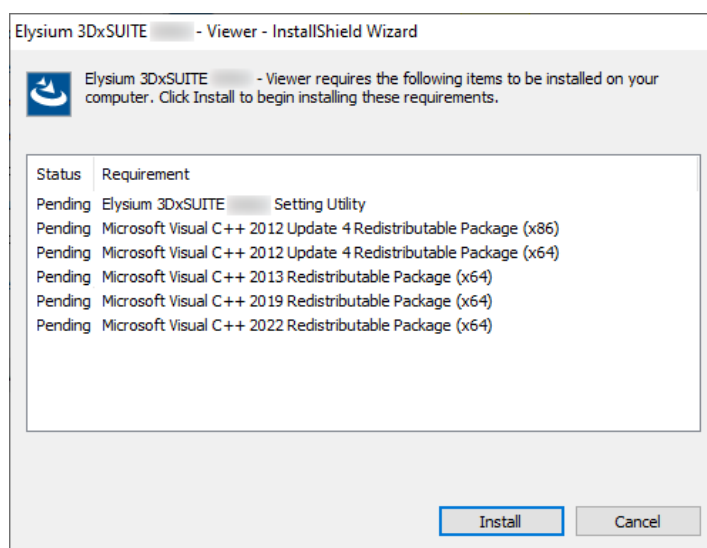
You need Administrator privileges to install Elysium products.

3.1.1. Manual Installation

1. Run the installer for 3DxSUITE.
 - Folder containing the installer: <3DxSUITE Viewer Package>\
 - Installer: Elysium_3DxSUITE_EX9.1_Viewer.exe
2. Select the language for the installation and click [OK].

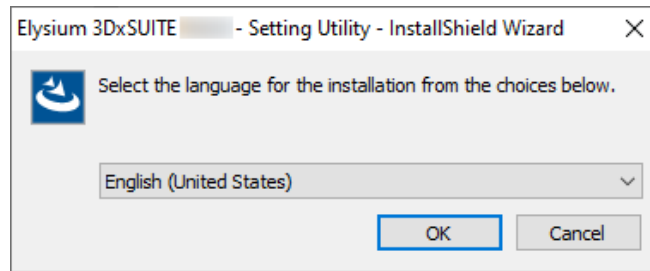


3. If the dialog below is displayed, click [Install] to start the installation.
 - If these installers are already installed, this dialog will not appear.

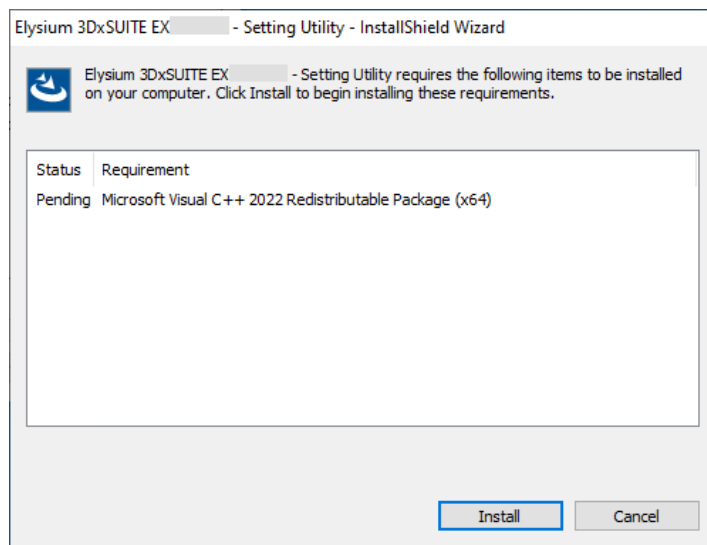


4. If Setting Utility is not installed, the Setting Utility installer will start. Follow the steps below to perform the installation. If Setting Utility is already installed, skip to the step after installing Setting Utility.

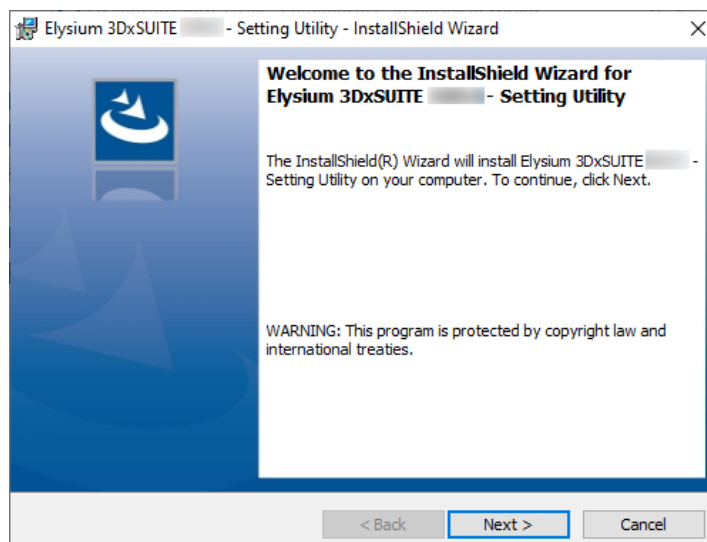
- a. Select which language to use when installing, and click [OK].



- b. If above dialog is displayed, click [Install] to start the installation. If 3DxSUITE Setting Utility is already installed, this dialog will not appear.



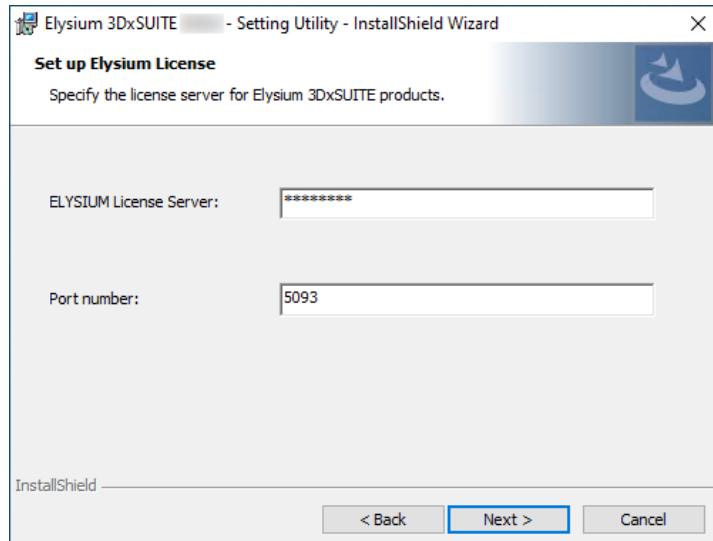
- c. Installation Wizard starts. Click [Next].



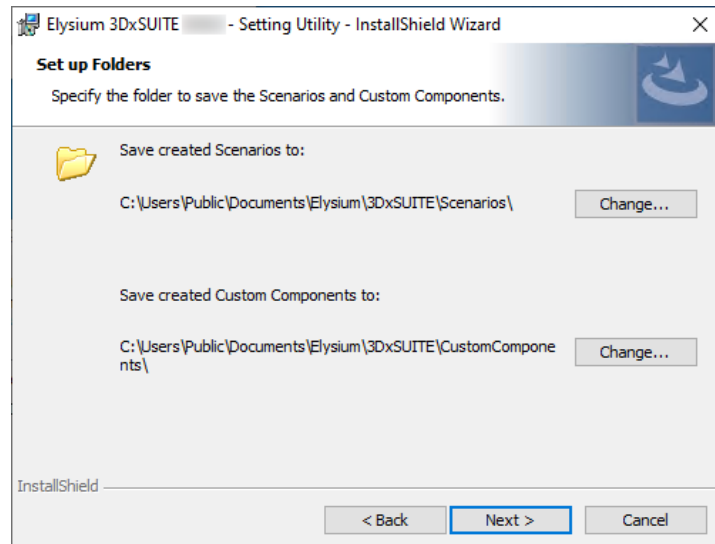
- d. Select "I accept the terms in the license agreement" if you accept the license agreement and click [Next]. If you don't accept, you cannot continue the installation.



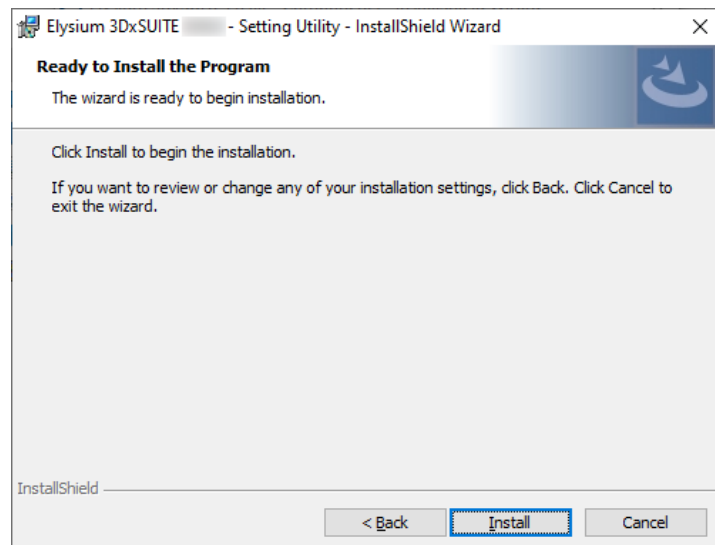
- e. "Set up Elysium License" dialog will appear. Enter Host name of the computer where you installed Sentinel RMS License Manager, and if necessary, change Port number. And then click [Next].



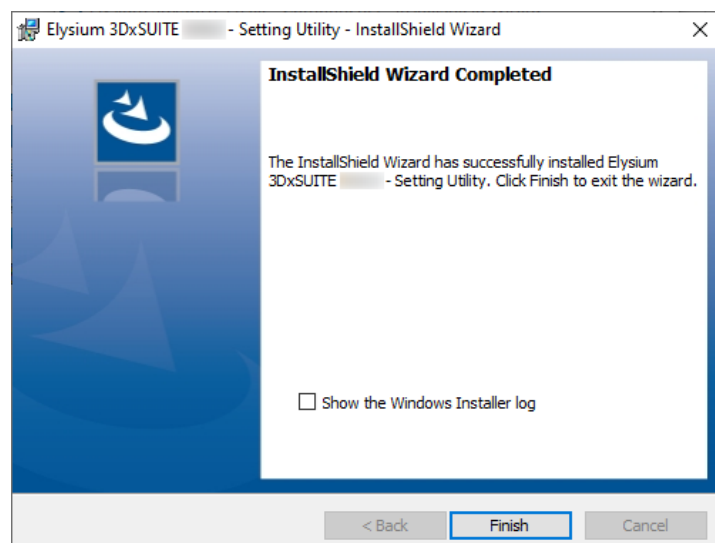
- f. "Set up Folders" dialog will appear. Change the folder path if necessary, and then click [Next].



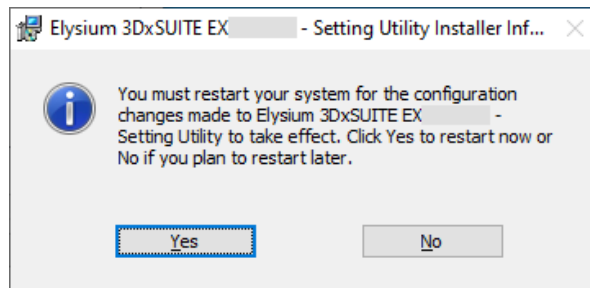
g. Click [Install] to start the installation.



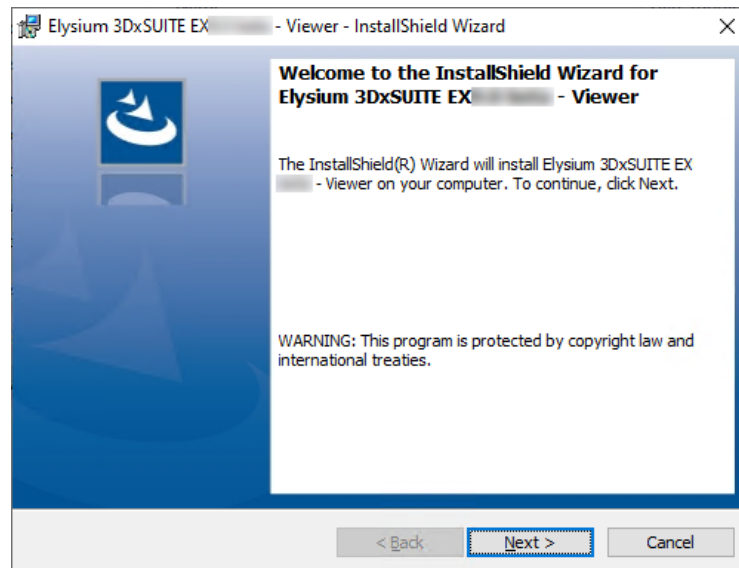
h. When the installation of Setting Utility is completed, the following dialog will appear. Click [Finish] to close the installer.



- i. When a dialog appears prompting you to reboot, then reboot the OS. After the OS has rebooted, continue with the next step.



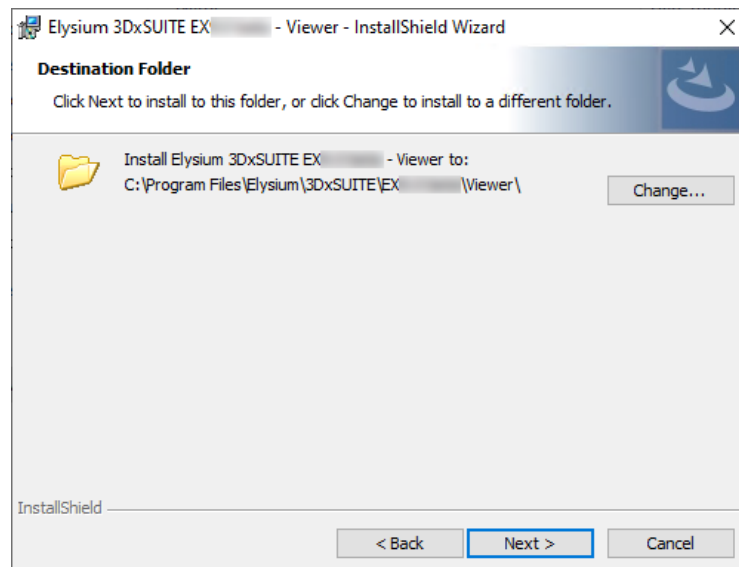
5. Viewer Install Wizard will appear. Click [Next].



6. Read through the license agreement carefully. Select "I accept the terms in the license agreement" if you agree, and then click [Next].

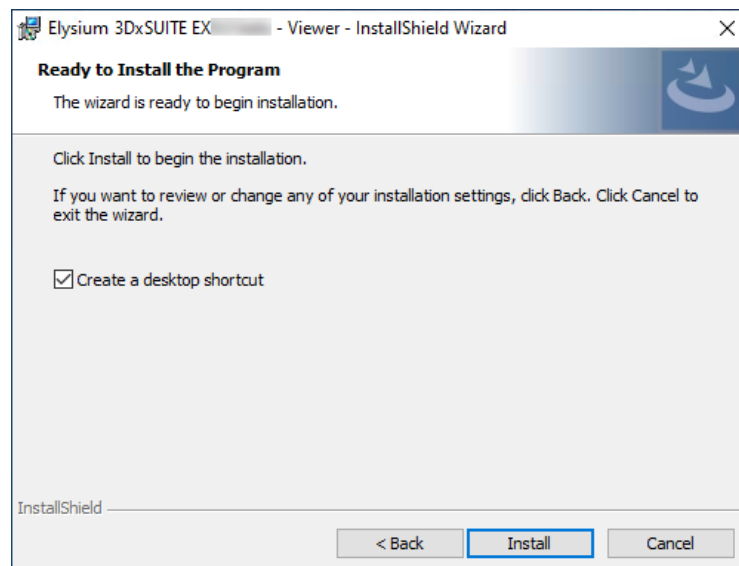


7. "Destination Folder" dialog will appear. To change the destination folder from default setting, click [Change] and specify the new destination folder. When the setting is finished, click [Next].

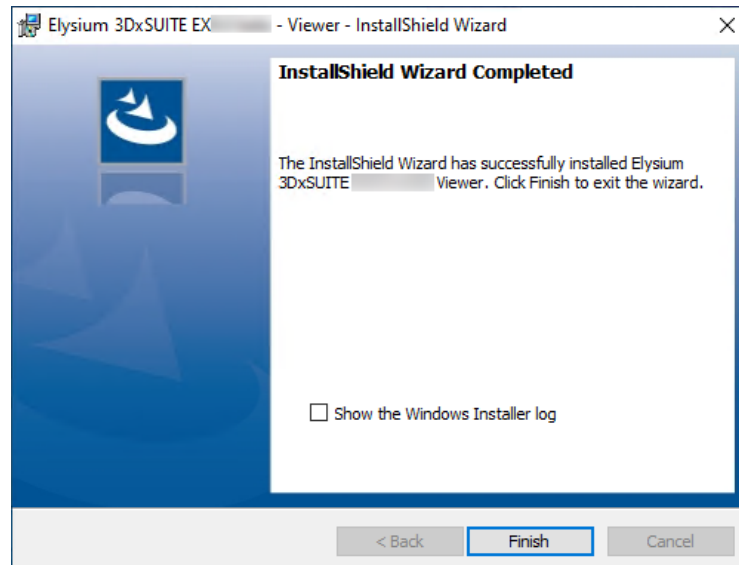


Please ensure that the destination folder path consists of ASCII characters only. If the folder path contains non-ASCII characters, the application may not work as expected.

- The following dialog will appear. Disable "Create a desktop shortcut" if you do not want to create a desktop shortcut. Click [Install] to start the installation.



- When the installation is finished, the following dialog will appear. Click [Finish] to close the dialog.



3.1.2. Silent Installation

By using the command, you can install or upgrade Viewer without GUI operations.

- Example of command

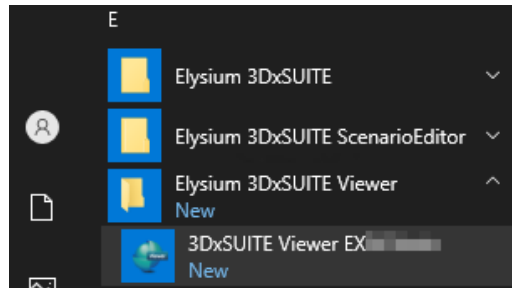
```
Elysium_3DxSUITE_EX9.1_Viewer.exe /s /v"/l* "C:\temp\install.log\"
INSTALLDIR="C:\Program Files\Elysium\3DxSUITE\EX9.1\Viewer\" /qn"
```

This is a list of command arguments to pass to the installer when executing silent installation.

Command Argument	Description	Mandatory / Optional
/s	Execute installation or uninstallation in silent mode.	Mandatory
/v	<p>Specify the following arguments in the form of /v"arg1 arg2 ...":</p> <ul style="list-style-type: none"> • /l* "<Log file>" : Specify the log file path. A space is required between "/l *" and the filename. • INSTALLDIR="<Installation Folder>" : Specify the folder where you want to install. This can be specified only when installing. • /qn : Install or uninstall without displaying the dialog. • /qn+ : Dialog is displayed when installation or uninstallation is completed. 	Optional

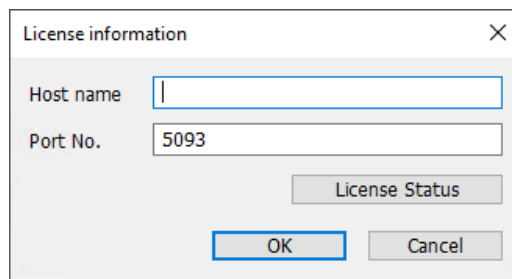
3.2. Launch

In Windows start menu, select [Elysium 3DxSUITE Viewer] > [3DxSUITE Viewer EX9.1] to launch 3DxSUITE Viewer.



3.2.1. Setting License

After the installation, the license settings dialog may appear the first time you start Viewer. This dialog will not appear the next time you start. Also, this dialog can be opened by selecting [Help] > [License] after starting Viewer.



Confirm the status of license usage by clicking [License Status].



- If you change the initial value in "License Information" dialog and click [OK], the license information will be saved as the setting common for all users using Viewer. So even if you change the license settings from 3DxSUITE Setting later on, the license information in Viewer will not change.
- If you change the initial value in "License Information" dialog but not clicking [OK] at all, the license will be obtained by referring to the settings in 3DxSUITE Setting. In that case, if the license settings in 3DxSUITE Setting are changed, the license information in Viewer will also change.

3.3. Exit

Select [File] > [Exit] from the menu or close the window to exit.

3.4. Uninstallation

3.4.1. Manual Uninstallation

1. From Windows start menu, select [Start] > [Settings](Gear mark).
2. Then select [Apps].
3. From the list of applications displayed in "Apps & features", select "Elysium 3DxSUITE EX9.1 - Viewer" to uninstall.

3.4.2. Silent Uninstallation

Silent uninstallation can be performed by a command. Installer of the currently installed version will be required.

- Example of command

```
Elysium_3DxSUITE_EX9.1_Viewer.exe /s /x /v"/l* "C:\temp\uninstall.log\" /qn"
```

This is a list of command arguments to pass to the installer when executing silent uninstallation.

Command Argument	Description	Mandatory / Optional
/s	Execute installation or uninstallation in silent mode.	Mandatory
/x	Execute uninstallation.	Mandatory
/v	Specify the following arguments in the form of /v"arg1 arg2 ...": <ul style="list-style-type: none"> • /l* "<Log file>" : Specify the log file path. A space is required between "/l*" and the filename. • /qn : Install or uninstall without displaying the dialog. • /qn+ : Dialog is displayed when installation or uninstallation is completed. 	Optional

4. Elysium 3DxSUITE Editor

Programs that need to be installed in advance

- [Components](#)

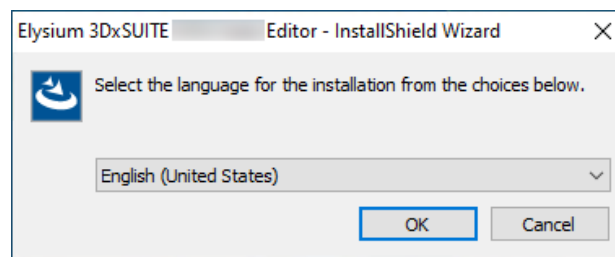
4.1. Installation



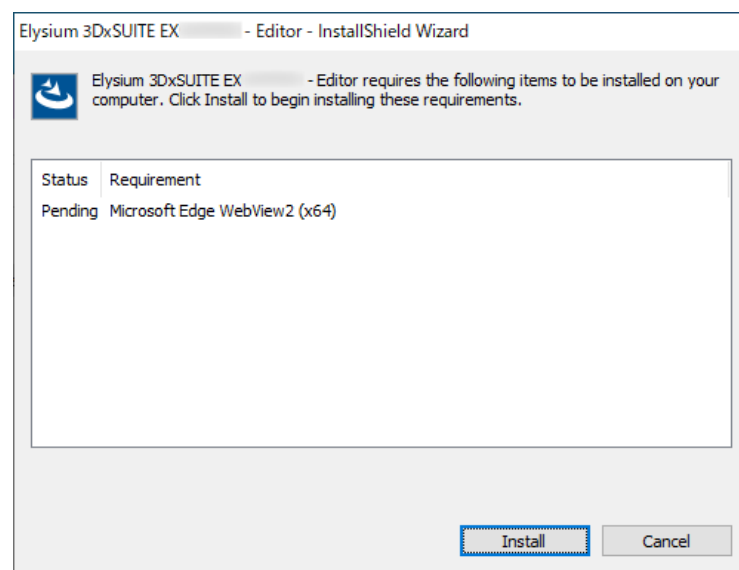
You need Administrator privileges to install Elysium products.
If the required program is not installed beforehand, execution will abort.

4.1.1. Manual Installation

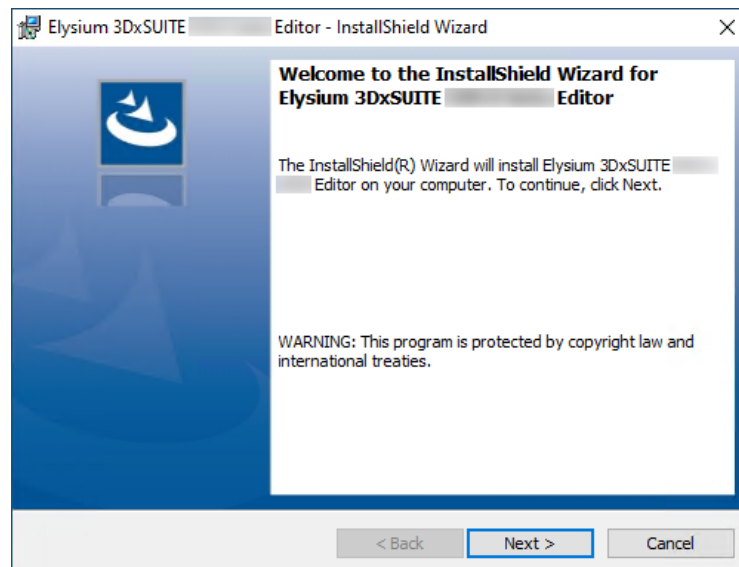
1. Run the installer for Editor.
 - Folder containing the installer: <3DxSUITE Editor Package>\
 - Installer: Elysium_3DxSUITE_EX9.1_Editor.exe
2. Select the language for the installation and click [OK].



3. If Microsoft Edge WebView2 is not installed, the following screen will appear so click [Install]. If the software is already installed, proceed to the next step.



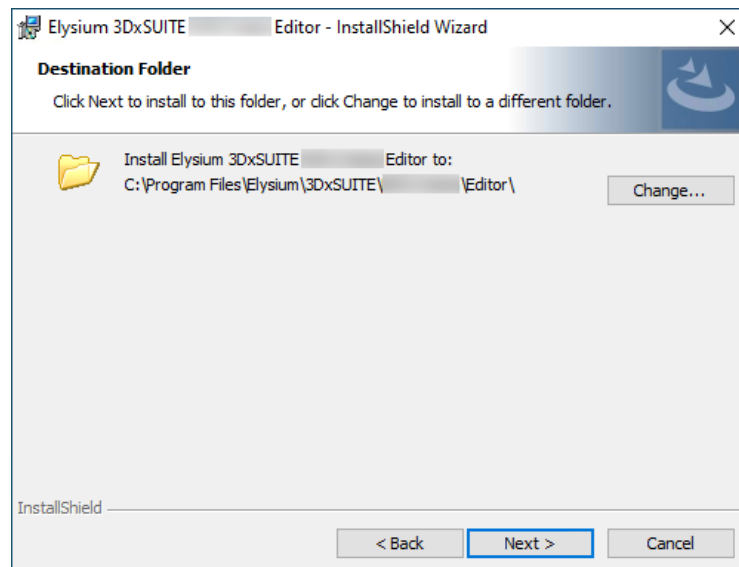
4. Editor setup screen will appear. Click [Next].



5. Read through the license agreement carefully. Select "I accept the terms in the license agreement" if you agree, and then click [Next]. If you disagree, you cannot continue the installation.

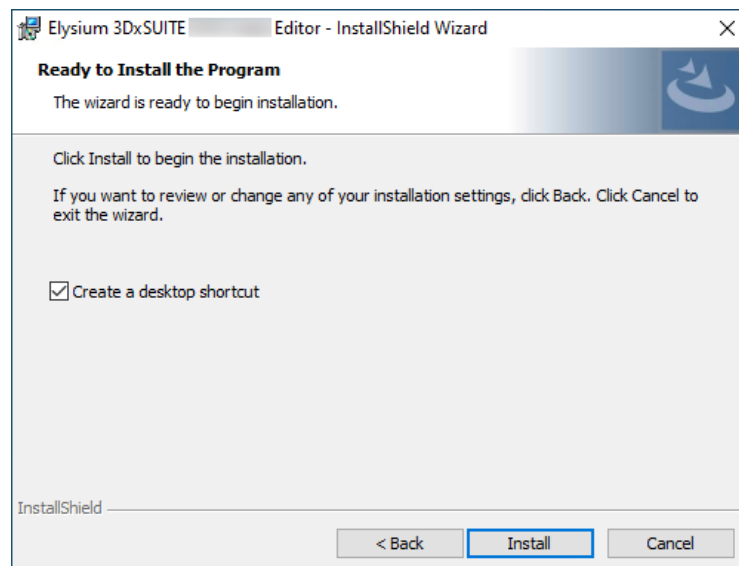


6. The dialog to specify a destination folder will appear. To change the destination folder from default setting, click [Change] and specify the new destination folder. When the setting is finished, click [Next].

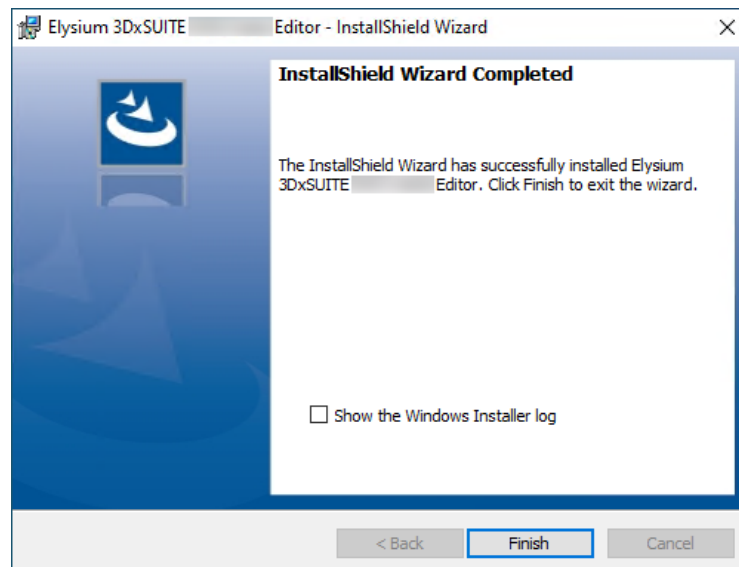


Please ensure that the destination folder path consists of ASCII characters only. If the folder path contains non-ASCII characters, the application may not work as expected.

- The following dialog will appear. Disable "Create a desktop shortcut" if you do not want to create a desktop shortcut, and then click [Install] to start the installation.



- When the installation is completed, the following dialog will appear. Click [Finish].



4.1.2. Silent Installation

By executing the command, you can install or upgrade Editor without displaying the UI. Please refer to the following command examples and command argument descriptions for the executing commands.

- Example of command

```
Elysium_3DxSUITE_EX9.1_Editor.exe /s /v"/l* \"C:\temp\install.log\"
INSTALLDIR=\"C:\Program Files\Elysium\3DxSUITE\EX9.1\Editor\" /qn"
```

This is a list of command arguments to pass to the installer when executing silent installation.

Command Argument	Description	Mandatory / Optional
/s	Execute installation or uninstallation in silent mode.	Mandatory
/v	<p>Specify the following arguments in the form of /v"arg1 arg2 ...":</p> <ul style="list-style-type: none"> • /l* "<Log file>" : Specify the log file path. A space is required between "/ l *" and the filename. • INSTALLDIR="<Installation Folder>" : Specify the folder where you want to install. This can be specified only when installing. • /qn : Install or uninstall without displaying the dialog. • /qn+ : Dialog is displayed when installation or uninstallation is completed. 	Optional

4.1.3. Installation of CADmeister Add-on

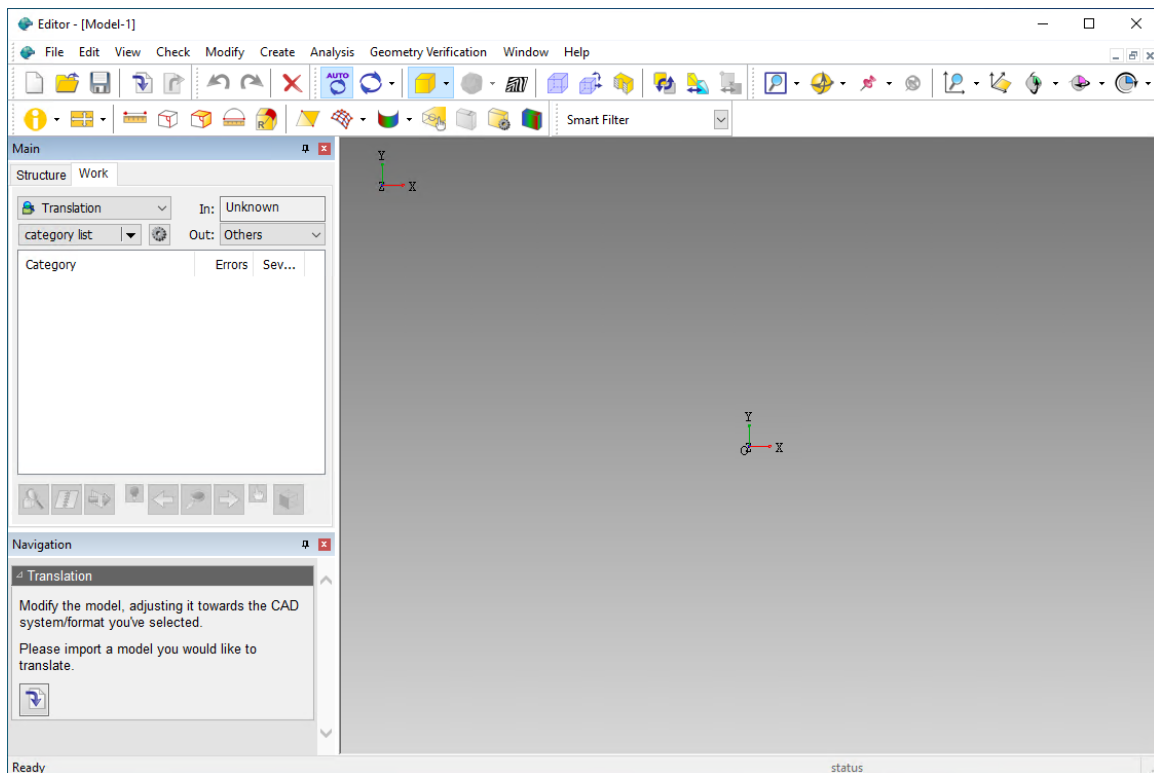
To use CADmeister Add-on, copy CRESTAM folder, which is included in <3DxSUITE Module for CADmeister Package>, to the root folder of the drive where you installed Components. (Ex: C:\CRESTAM)



Please note that you cannot use CRESTAM folder for 3DxSUITE EX9.0 or former version along with Editor EX9.1 and Components EX9.1. Please use CRESTAM folder for 3DxSUITE EX9.1 when you use Editor EX9.1 and Components EX9.1. To use multiple version of Editor with CADmeister Importer / Exporter on one computer, you must install each version of Components on different drives and place corresponding CRESTAM folder to the root folder of those drives.

4.2. Launch

From Windows start menu, select [Elysium 3DxSUITE Editor] > [3DxSUITE Editor EX9.1] to launch Editor.



Before starting Editor for the first time, it is recommended that you launch 3DxSUITE Setting Utility and implement the settings related to the input and output CADs.

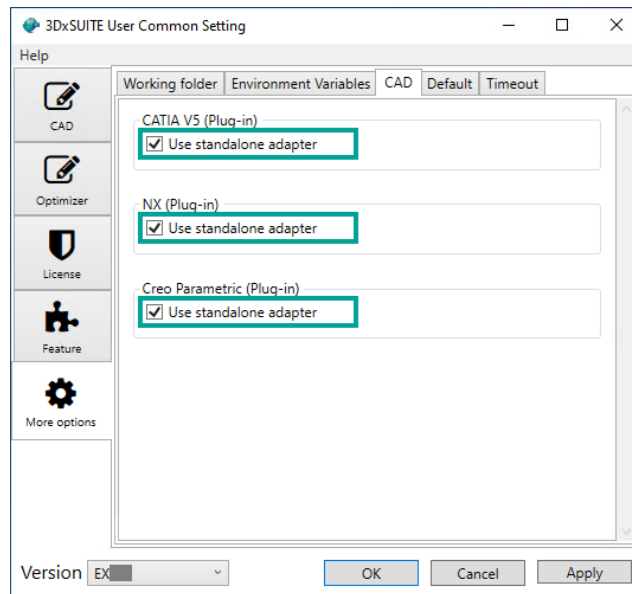


To launch 3DxSUITE Setting Utility, select [Elysium 3DxSUITE] > [3DxSUITE User Common Setting] or [Elysium 3DxSUITE] > [3DxSUITE Local User Setting] from Windows Start menu.

If you drag-and-drop the following CAD format files into Editor, the Plug-in Adapter is used by default.

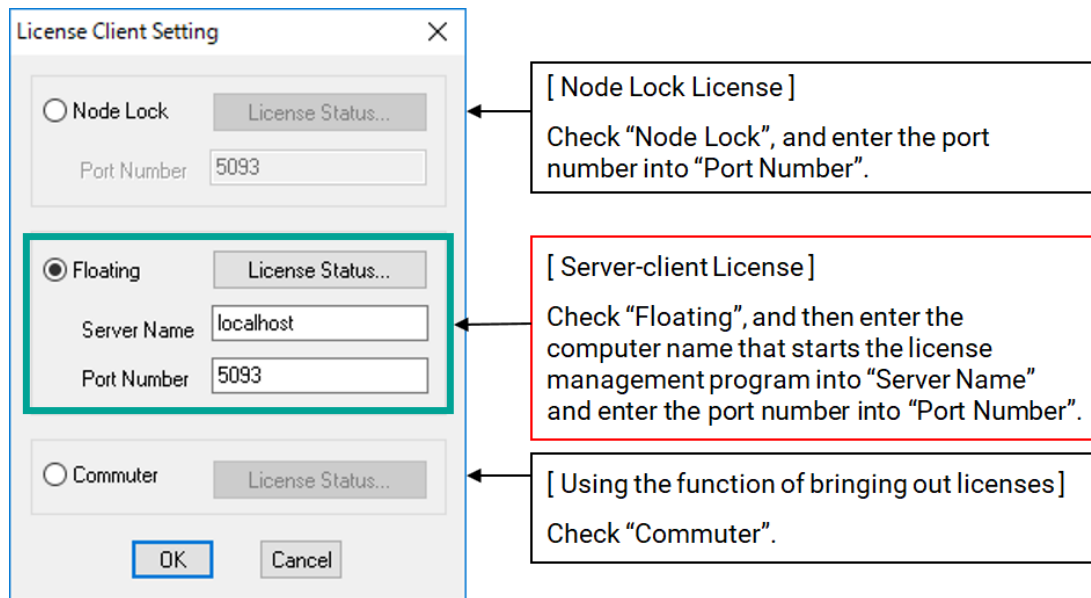
- CATIA V5
- NX
- Creo Parametric

Therefore, if you do not have a license for Plug-in Adapter, a license error will occur. To ensure that Standalone Adapter is used instead of Plug-in Adapter when dragging and dropping these CAD format files, enable "Use standalone adapter" in "3DxSUITE Setting".



4.2.1. Setting License

If "License Client Setting" dialog appears when starting Editor, please ensure that the server name, port number, and license type (Node Lock / Floating / Commuter) are set correctly; otherwise, correct them if necessary.



- Confirm the status of license usage by clicking [License Status].
- Please refer to the separate "Sentinel RMS License Manager Setup & Quick Start Guide" for more details about License Server. Document path can be found in Chapter 6 of the separate "Elysium 3DxSUITE: Product Overview Manual".



- If you change the initial value in "License Client Setting" dialog and click [OK], the license information will be saved as the setting for you only. So even if you change the license settings from 3DxSUITE Setting later on, the license information in Editor will not change.
- If you change the initial value in "License Client Setting" dialog but not clicking [OK] at all, the license will be obtained by referring to the settings in 3DxSUITE Setting. In that case, if the license settings of 3DxSUITE Setting are changed, the license information in Editor will also change.

4.3. Exit

Select [File] > [Exit] from the menu.

4.4. Uninstallation

4.4.1. Manual Uninstallation

1. From Windows start menu, select [Settings](Gear mark).
2. Then select [Apps].
3. From the list of applications displayed in "Apps & features", select "Elysium 3DxSUITE EX9.1 - Editor" to uninstall.

4.4.2. Silent Uninstallation

Below is the command for silent uninstallation. The installer for the version you are currently using will be required. Please refer to the below command example and command arguments for details.

- Example of command

```
Elysium_3DxSUITE_EX9.1_Editor.exe /s /x /v"/l* \"C:\temp\uninstall.log\" /qn"
```

This is a list of command arguments to pass to the installer when executing silent uninstallation.

Command Argument	Description	Mandatory / Optional
/s	Execute installation or uninstallation in silent mode.	Mandatory
/x	Execute uninstallation.	Mandatory
/v	Specify the following arguments in the form of /v"arg1 arg2 ...": <ul style="list-style-type: none"> • /l* "<Log file>" : Specify the log file path. A space is required between "/l *" and the filename. • /qn : Install or uninstall without displaying the dialog. • /qn+ : Dialog is displayed when installation or uninstallation is completed. 	Optional

5. Elysium 3DxSUITE SmartLauncher

Programs that need to be installed in advance

- n/a

5.1. Installation



Please note that when installing Components by using "Elysium_3DxSUITE_EX9.1_Components.exe", SmartLauncher will also be installed at the same time. In this case, you do not need to install SmartLauncher separately.

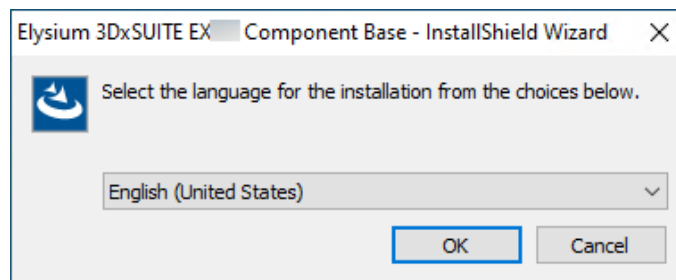
The following is the procedure for installing each component and SmartLauncher separately without using "Elysium_3DxSUITE_EX9.1_Components.exe".



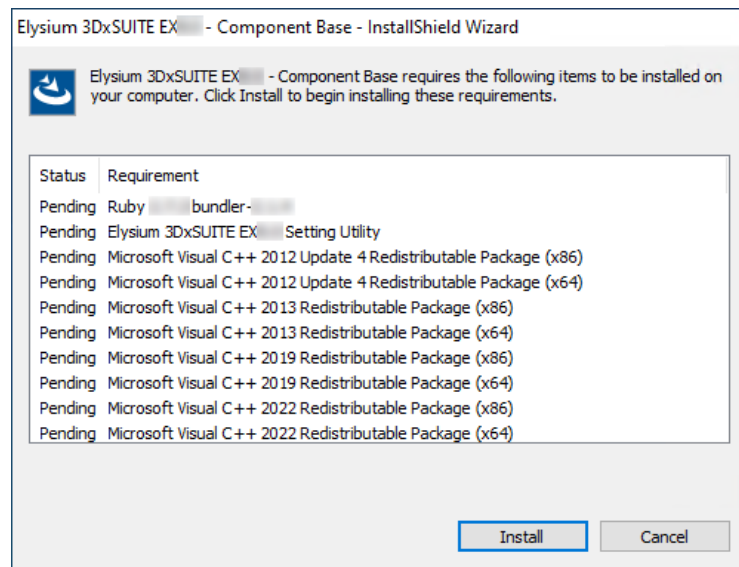
You need Administrator privileges to install Elysium products.

5.1.1. Manual Installation of SmartLauncher (Standalone)

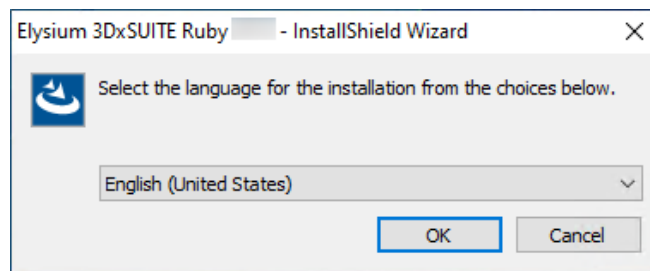
1. Run the installer for 3DxSUITE Component Base. If "3DxSUITE Component Base" is already installed, proceed to the steps to run "Elysium_3DxSUITE_EX9.1_SmartLauncher_Base.exe".
 - Folder containing the installer: <3DxSUITE Components Package>\Component_Base\
 - Installer: Elysium_3DxSUITE_EX9.1_Component_Base.exe
2. Select the language for the installation and click [OK]. Japanese and English are available.



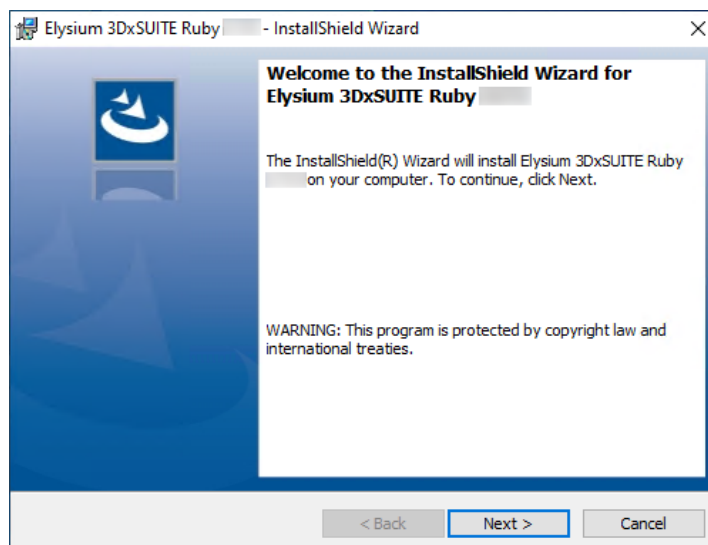
3. When this dialog appears, click [Install].



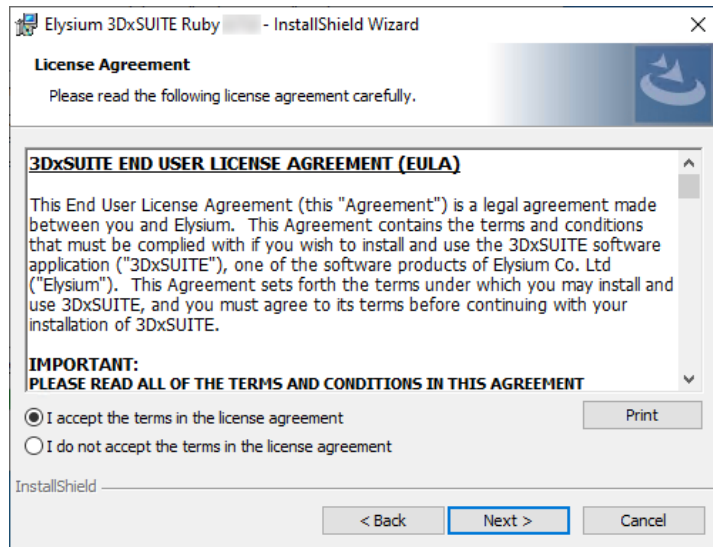
4. If Elysium 3DxSUITE Ruby is not installed in the environment, Elysium 3DxSUITE Ruby installer will start. Follow the steps below to perform the installation. If Elysium 3DxSUITE Ruby is already installed, skip to the step after installing Elysium 3DxSUITE Ruby.
 - a. Select which language to use when installing, and click [OK].



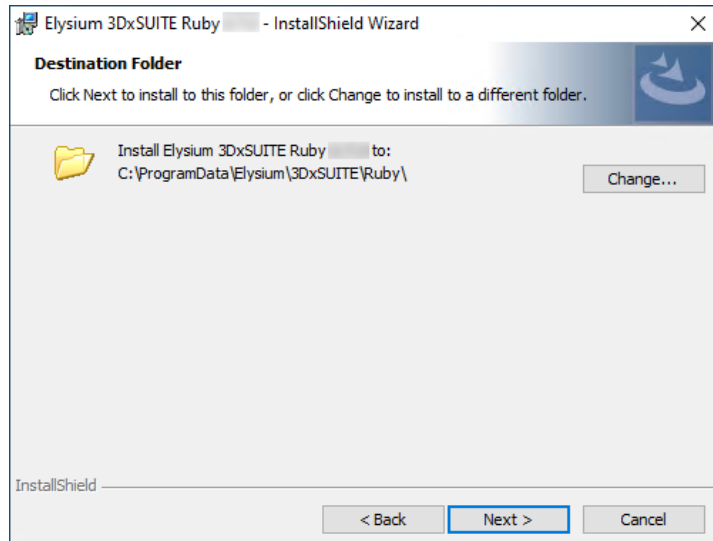
- b. Installation Wizard starts. Click [Next].



- c. Select "I accept the terms in the license agreement" if you accept the license agreement and click [Next]. If you don't accept, you cannot continue the installation.

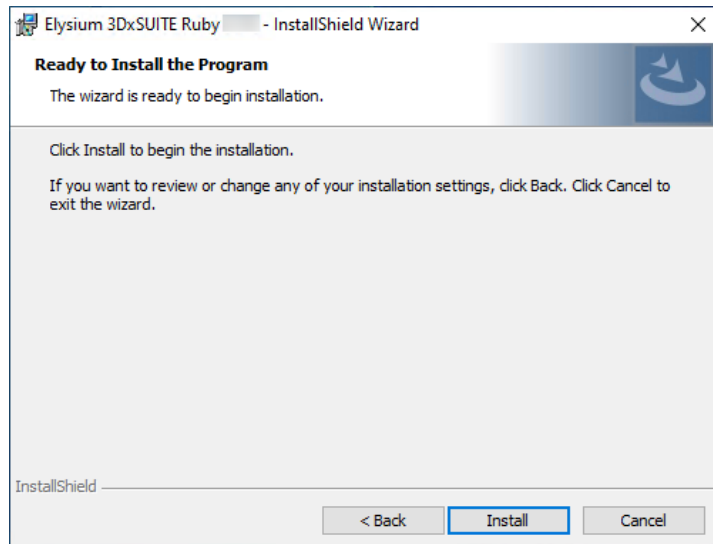


- d. "Destination Folder" dialog will appear. To change the destination folder from default setting, click [Change] and specify the new destination folder. When the setting is finished, click [Next].

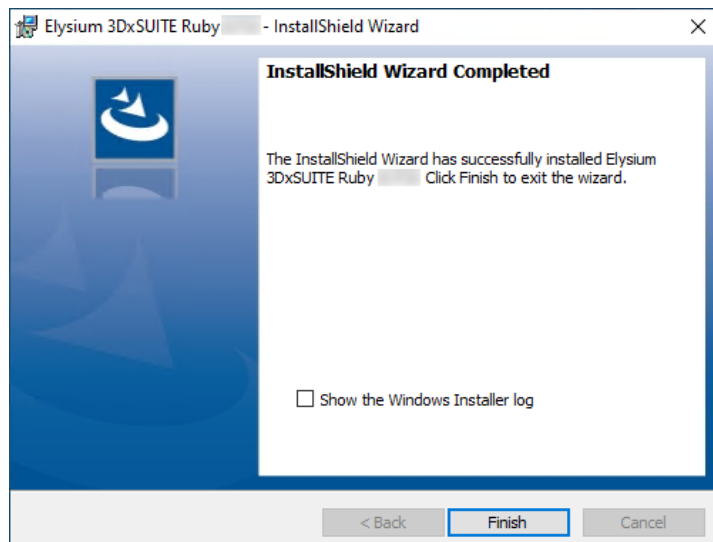


Please ensure that the destination folder path consists only of one-byte alphanumeric characters and several one-byte symbols ("#", "+", "-", "_", ".", "\$", "/", ":"). If characters other than these are included in the path, an error will occur.

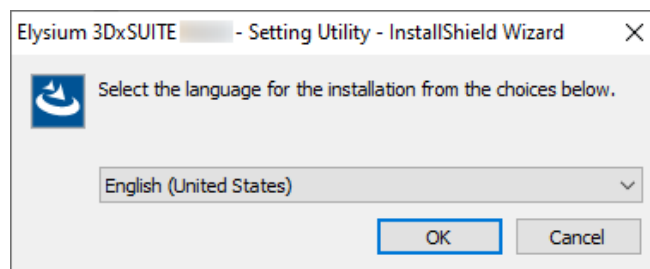
- e. Click [Install] to start the installation.



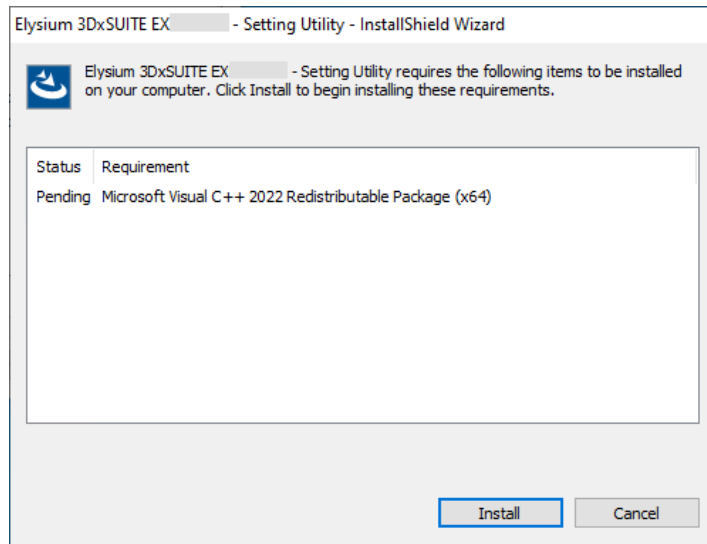
- f. When installation is completed, the following dialog will appear. Click [Finish] to end the installer.



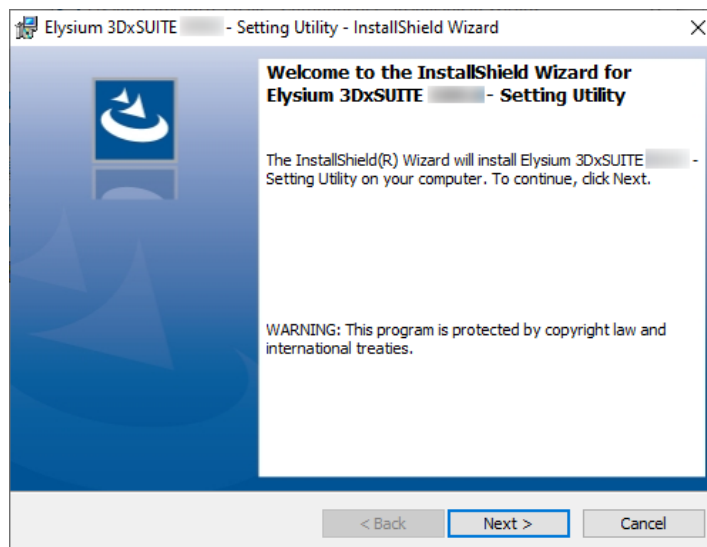
5. If Setting Utility is not installed, the Setting Utility installer will start. Follow the steps below to perform the installation. If Setting Utility is already installed, skip to the step after installing Setting Utility.
- a. Select which language to use when installing, and click [OK].



- b. If above dialog is displayed, click [Install] to start the installation. If 3DxSUITE Setting Utility is already installed, this dialog will not appear.



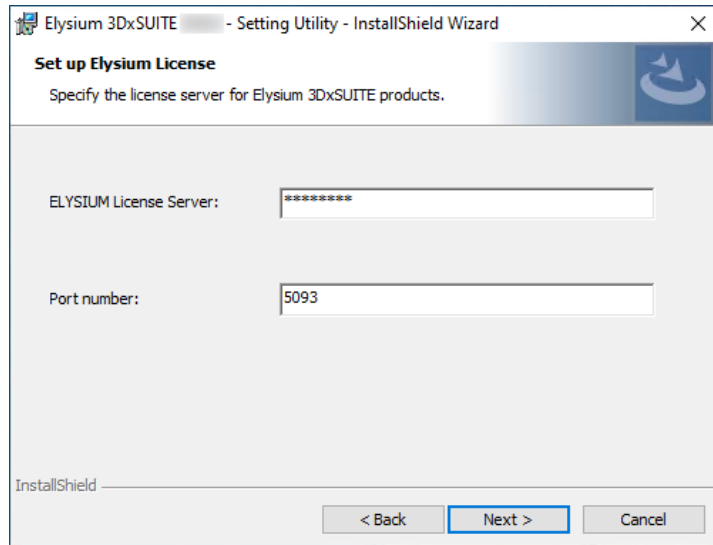
c. Installation Wizard starts. Click [Next].



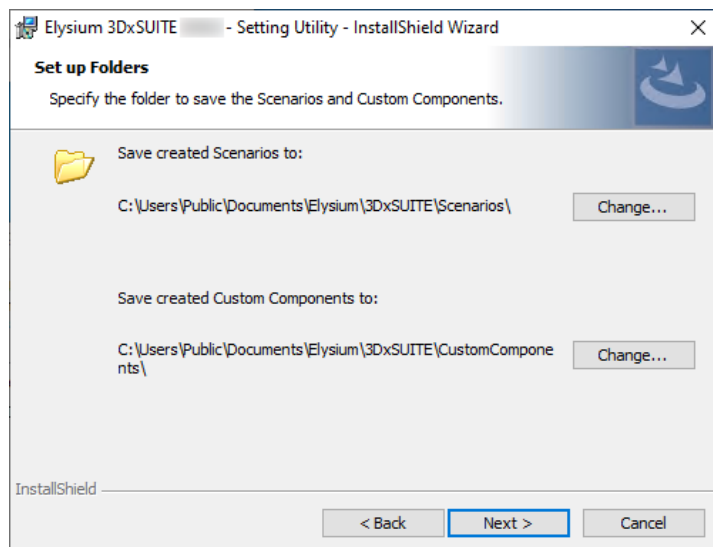
d. Select "I accept the terms in the license agreement" if you accept the license agreement and click [Next]. If you don't accept, you cannot continue the installation.



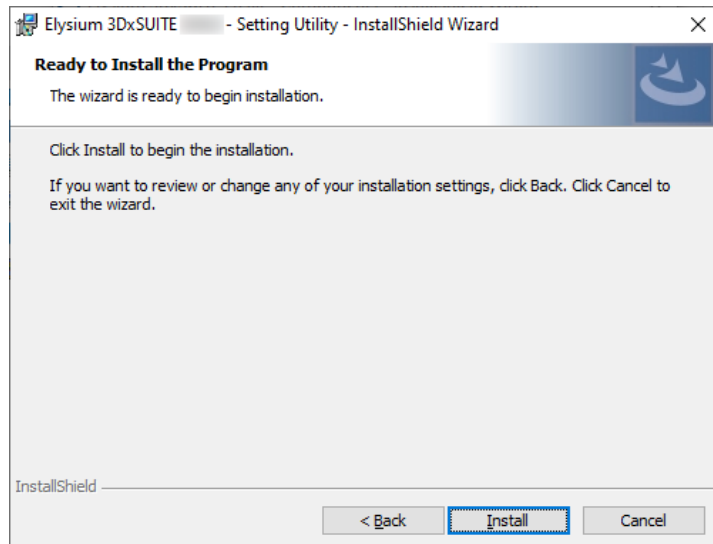
- e. "Set up Elysium License" dialog will appear. Enter Host name of the computer where you installed Sentinel RMS License Manager, and if necessary, change Port number. And then click [Next].



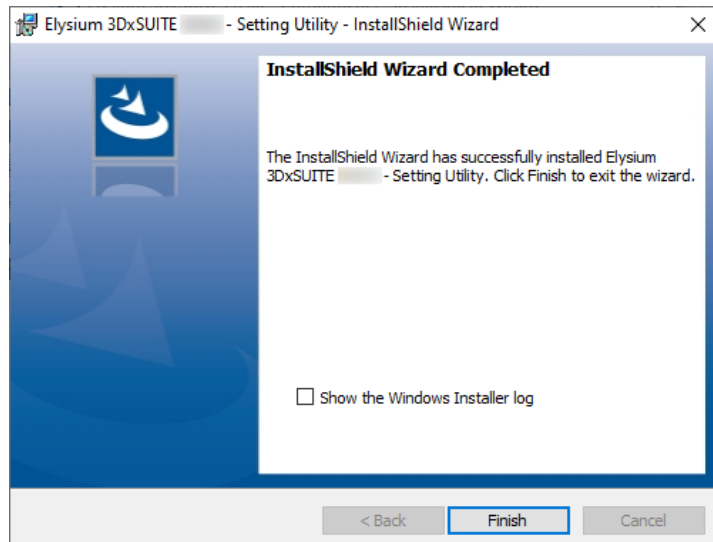
- f. "Set up Folders" dialog will appear. Change the folder path if necessary, and then click [Next].



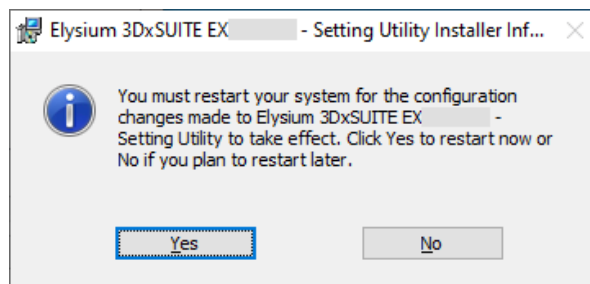
- g. Click [Install] to start the installation.



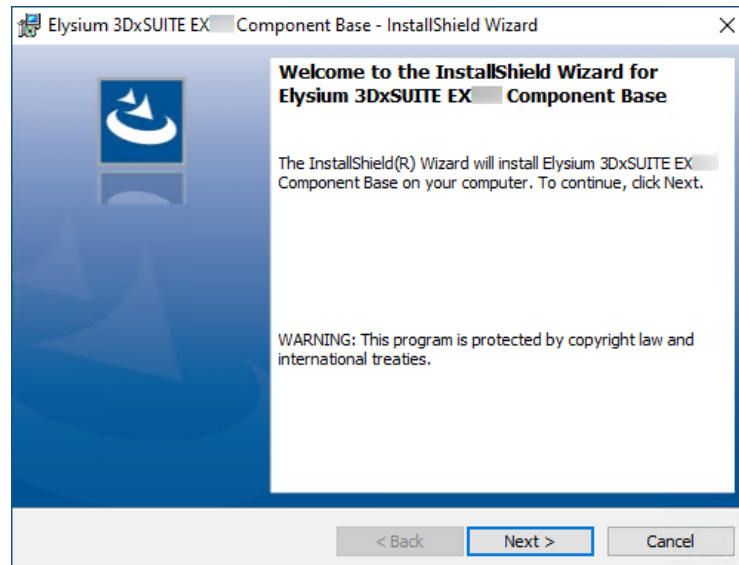
- h. When the installation of Setting Utility is completed, the following dialog will appear. Click [Finish] to close the installer.



- i. When a dialog appears prompting you to reboot, then reboot the OS. After the OS has rebooted, continue with the next step.



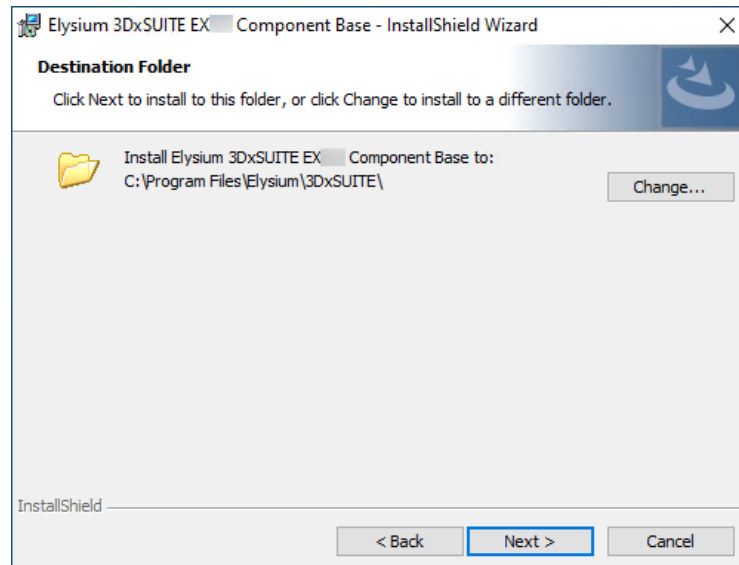
6. Install Wizard of "3DxSUITE Component Base" starts. Click [Next].



7. Read through the license agreement carefully. Select "I accept the terms in the license agreement" if you agree, and then click [Next]. If you disagree, you cannot continue the installation.

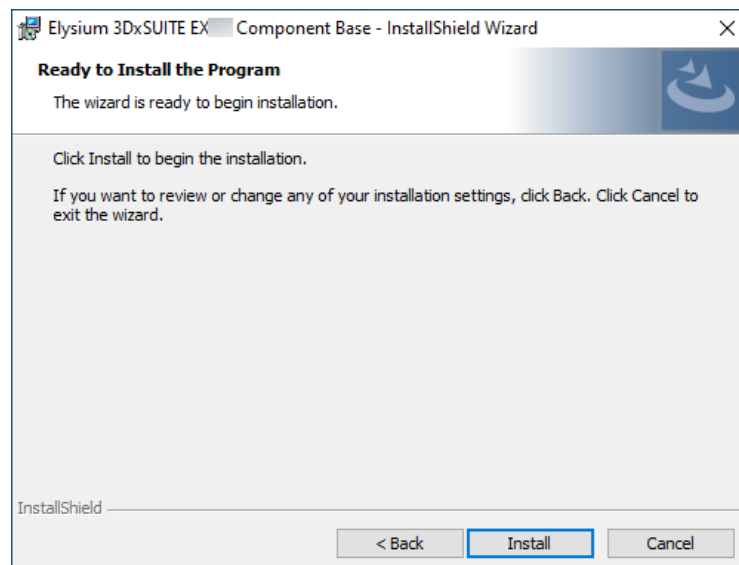


8. "Destination Folder" dialog will appear. To change the destination folder from default setting, click [Change] and specify the new destination folder. When the setting is finished, click [Next].

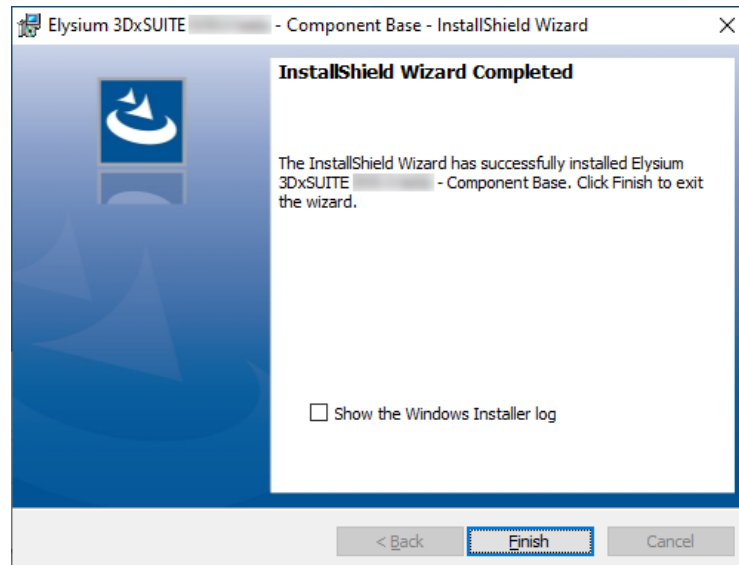


Please ensure that the destination folder path consists of ASCII characters only. If the folder path contains non-ASCII characters, the application may not work as expected.

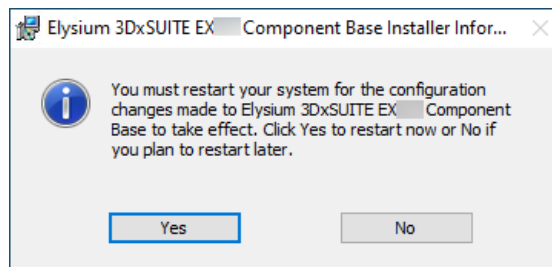
9. Click [Install] to start installation.



10. The following dialog will appear once the installation is completed. Click [Finish] to exit installation of "3DxSUITE Component Base".



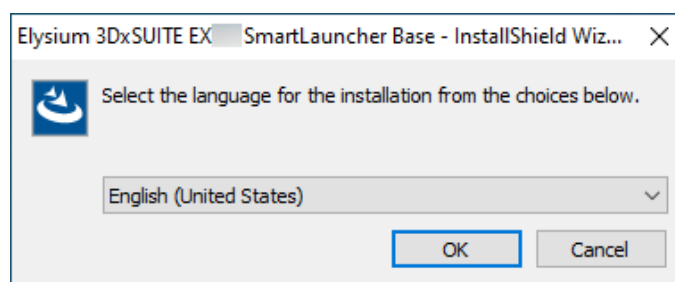
11. When a dialog appears prompting you to reboot, then reboot the OS.



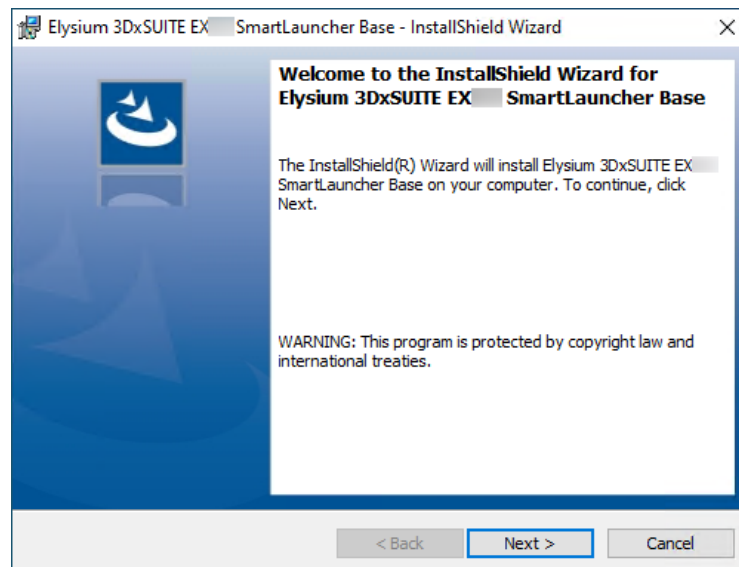
12. Next, run the installer for 3DxSUITE SmartLauncher Base.

- Folder containing the installer: <3DxSUITE Components Package>\SmartLauncher_Base\
- Installer: Elysium_3DxSUITE_EX9.1_SmartLauncher_Base.exe

13. Select the language for the installation and click [OK]. Japanese and English are available.



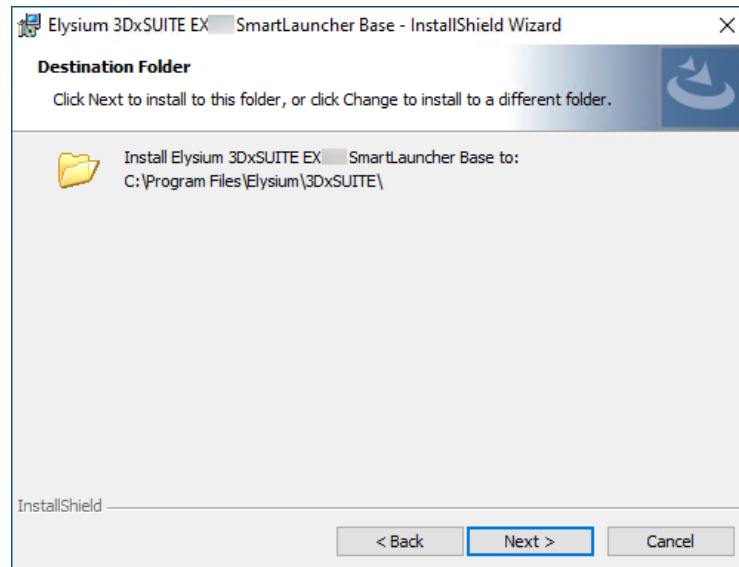
14. Install Wizard starts. Click [Next].



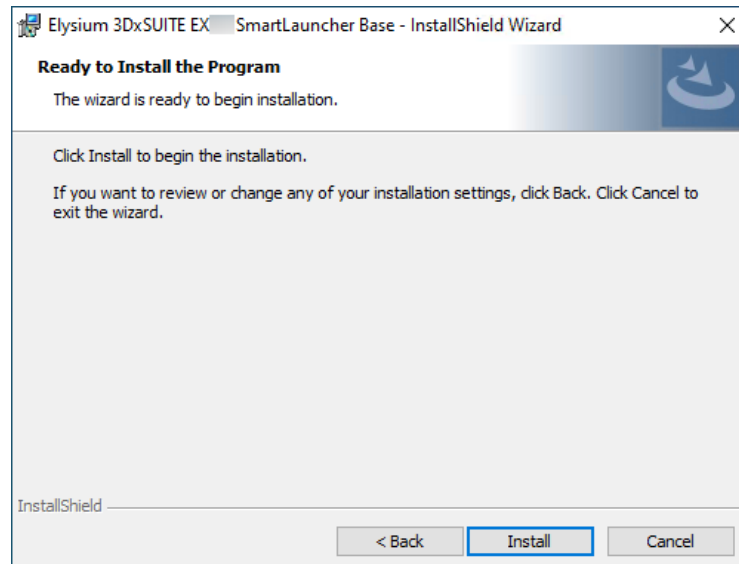
15. Read through the license agreement carefully. Select "I accept the terms in the license agreement" if you agree, and then click [Next]. If you disagree, you cannot continue the installation.



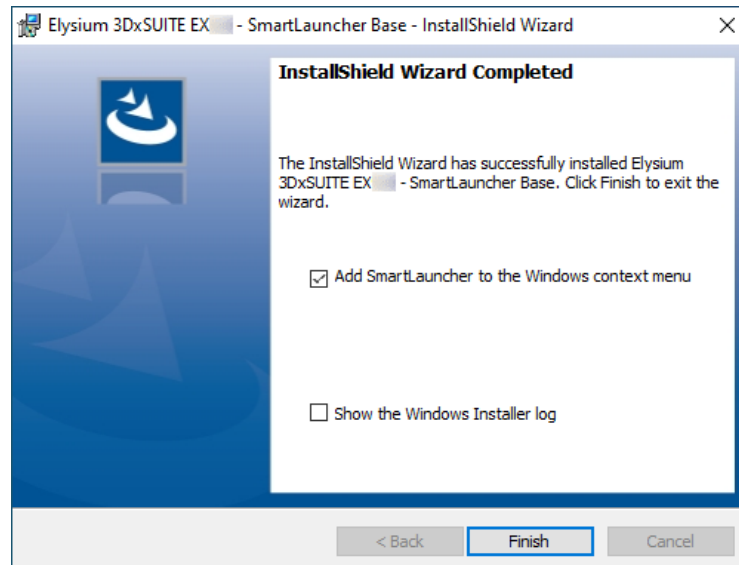
16. "Destination Folder" dialog will appear. It will be installed in the folder specified in 3DxSUITE Component Base and cannot be changed. Click [Next].



17. Click [Install] to start installation.



18. The following dialog will appear once the installation is completed. Select the required items and click [Finish].



- Add SmartLauncher to the Windows context menu
If enabled, SmartLauncher is added to Windows context menu.
- Show the Windows Installer log
If enabled, Windows Installer log will appear after the installation is completed.



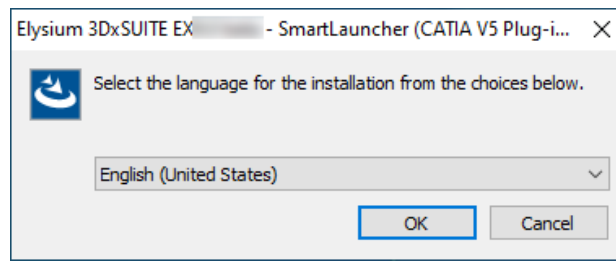
At this point, you are at a stage where only the foundation of SmartLauncher has been installed. Next, continue onto the installation of Components that are required for your desired processing. Components can be installed by running the installer found in each folder of <3DxSUITE Components Package>. Please refer to [Appendix A, List of 3DxSUITE Installers](#) for more details on each installer.

5.1.2. Manual Installation of SmartLauncher (Plug-in)

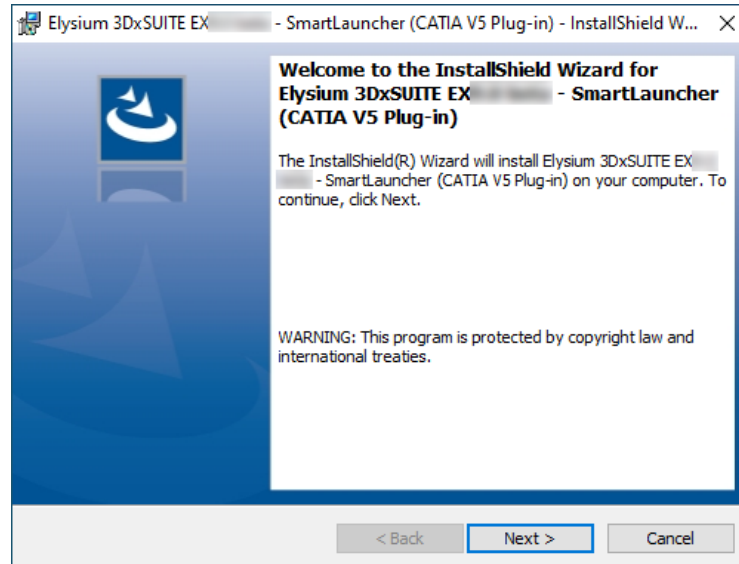


Before installing SmartLauncher (Plug-in), you need to install the corresponding CAD Adapter, 3DxSUITE Component Base, and 3DxSUITE SmartLauncher Base beforehand. For example, if you want to install SmartLauncher (Plug-in) for CATIA V5, install CATIA V5 (Plug-in) Adapter, 3DxSUITE Component Base, and 3DxSUITE SmartLauncher Base beforehand.

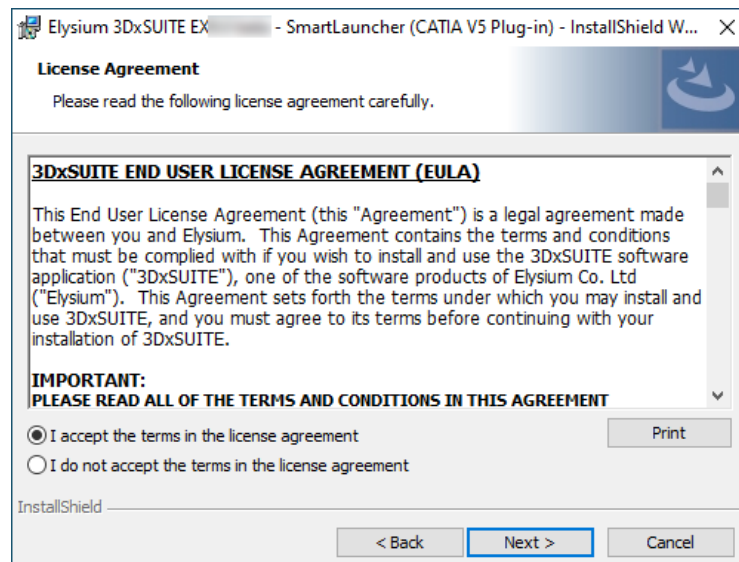
1. Run the installer for SmartLauncher (Plug-in). The following procedure is the same for all CADs. Below example will be explained using the images of SmartLauncher (Plug-in) installer for CATIA V5.
 - Folder containing the installer: <3DxSUITE Components Package>\SmartLauncher_***\
 - Installer: Elysium_3DxSUITE_EX9.1_SmartLauncher_***.exe
(*** describes the CAD name where SmartLauncher (Plug-in) will be installed.)
2. Select the language for the installation and click [OK]. Japanese and English are available.



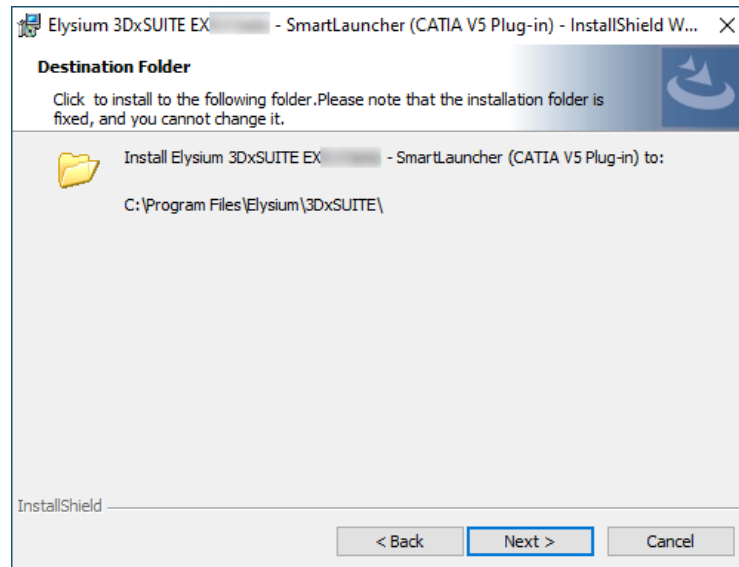
3. Install Wizard starts. Click [Next].



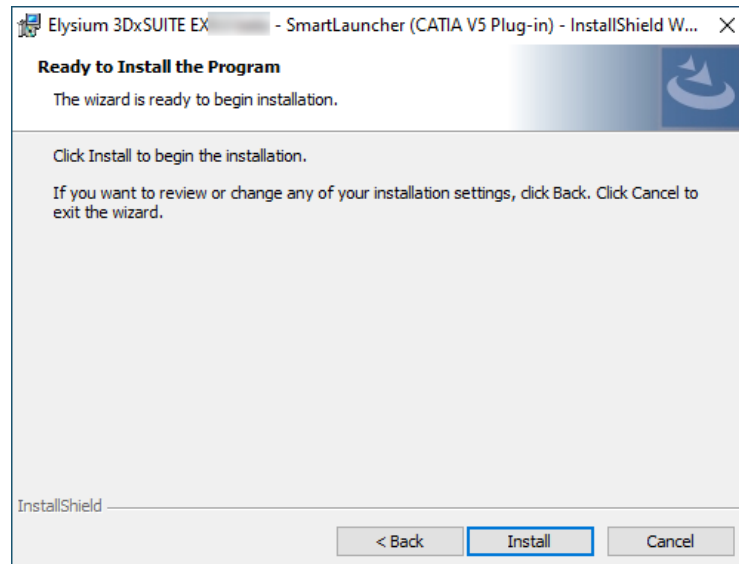
4. Read through the license agreement carefully. Select "I accept the terms in the license agreement" if you agree, and then click [Next]. If you disagree, you cannot continue the installation.



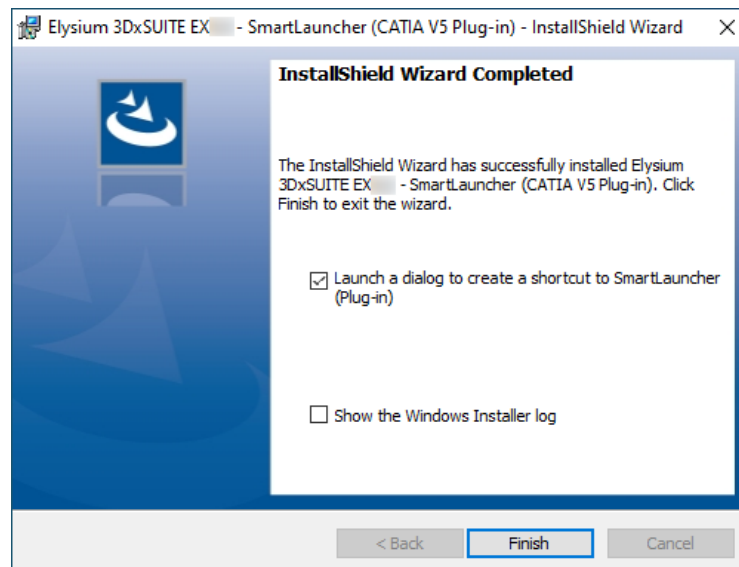
5. "Destination Folder" dialog will appear. It will be installed in the folder specified in 3DxSUITE Component Base and cannot be changed. Click [Next].



6. Click [Install] to start installation.



7. The following dialog will appear once the installation is completed. Select the required items and click [Finish].



- Launch a dialog to create a shortcut to SmartLauncher (Plug-in)

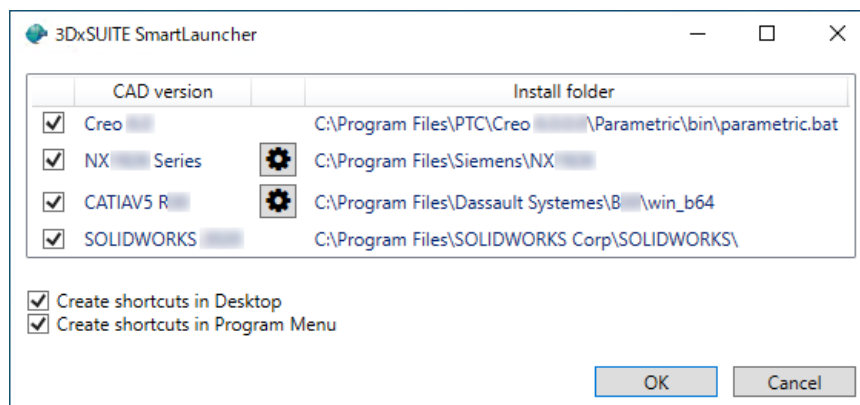
If enabled, the shortcut setting dialog for SmartLauncher Plug-in will appear after the installation is completed.



When you click [Finish], a dialog may appear asking you to reboot the OS. If [Yes] is clicked in the dialog before configuring the shortcut, the OS will reboot immediately so you will not be able to configure the setting at this point.

To configure the shortcut for SmartLauncher Plug-in, be sure to do so before clicking [Yes] in the dialog prompting you to reboot. Even if [Yes] is clicked before configuring the shortcut, you can still configure the same setting later from "3DxSUITE Setting".


8. When "Launch a dialog to create a shortcut to SmartLauncher (Plug-in)" is enabled, the following dialog will appear. Enable / disable the checkbox, if necessary, and click [OK].



3DxSUITE SmartLauncher detects CAD systems automatically from the registry, and they will be listed in the dialog along with their installation folder path. Please note that it may fail to detect automatically when:

- The same CAD version is installed more than once within a single computer

- The registry keeps information of old CAD systems

Environment file to start the CAD system (ENV file for CATIA V5, ENV file for 3DEXPERIENCE, custom_dirs.dat for NX) can be specified from the setting icon () in the dialog.

Please note that the following checkbox options will be effective for the CAD versions checked in above dialog only.

- Create shortcuts in Desktop
- Create shortcuts in Program Menu

If you want to change the displayed CAD installation environment, or if the installed CAD version is not displayed, close the dialog. Then, set it up from 3DxSUITE Setting.

5.1.3. Silent Installation of SmartLauncher (Standalone)

Run command prompt as an administrator, and run the installer from the installation package with arguments to specify options. This will allow you to install SmartLauncher (Standalone) without any user interaction.

Sample Command (No line break is required):

```
Elysium_3DxSUITE_EX9.1_SmartLauncher_Base.exe /s /v"/l* \"C:\temp\install.log\" /qn"
```

- Folder containing the installer: <3DxSUITE Components Package>\SmartLauncher_Base\
- Installer: Elysium_3DxSUITE_EX9.1_SmartLauncher_Base.exe

Add more options to customize the installation (Components to install, and settings) for your needs. Below is a list of options available for this installation.

Command Argument	Description	Mandatory / Optional
/s	Execute installation or uninstallation in silent mode.	Mandatory

Command Argument	Description	Mandatory / Optional
/v	<p>Specify the following arguments in the form of /v"arg1 arg2 ...":</p> <ul style="list-style-type: none"> • /l* "\"<Log file>\" : Specify the log file path. A space is required between "/l*" and the filename. • INSTALLDIR=\"<Installation Folder>\" : Specify the folder where you want to install. This can be specified only when installing. • INSTALL_SHELL_EXTENSION=0/1 : Specify whether to add the context menu for SmartLauncher. Default value is 1. (0: Don't add the context menu for SmartLauncher / 1: Add the context menu for SmartLauncher) • /qn : Install or uninstall without displaying the dialog. • /qn+ : Dialog is displayed when installation or uninstallation is completed. 	Optional

5.1.4. Silent Installation of SmartLauncher (Plug-in)

Run command prompt as an administrator, and run the installer from the installation package with arguments to specify options. This will allow you to install SmartLauncher (Standalone) without any user interaction. Specify the executable corresponding to the CAD that will be used with SmartLauncher (Plug-in).

Sample Command (SmartLauncher (Plug-in) for Creo Parametric):

```
Elysium_3DxSUITE_EX9.1_SmartLauncher_Creo_Parametric.exe /s /v"/l*
"C:\temp\install.log\"/qn"
```

This is a list of command arguments to pass to the installer when executing silent installation.

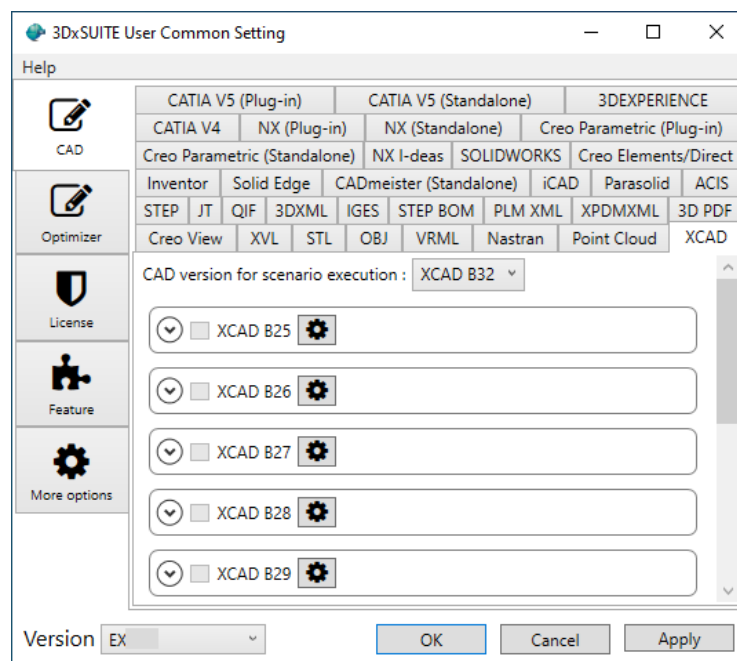
Command Argument	Description	Mandatory / Optional
/s	Execute installation in silent mode.	Mandatory

Command Argument	Description	Mandatory / Optional
/v	<p>Specify the following arguments in the form of /v"arg1 arg2 ...":</p> <ul style="list-style-type: none"> • /l* "\"<Log file>\" : Specify the log file path. A space is required between "/l*" and the filename. • INSTALLDIR=\"<Installation Folder>\" : Specify the folder where you want to install. This can be specified only when installing. • CREATE_ALL_SHORTCUTS=0/1 : Specify whether to create a desktop shortcut automatically. Default value is 1. (0 : Don't create a shortcut / 1 : Create a shortcut) • /qn : Install or uninstall without displaying the dialog. • /qn+ : Dialog is displayed when installation or uninstallation is completed. 	Optional

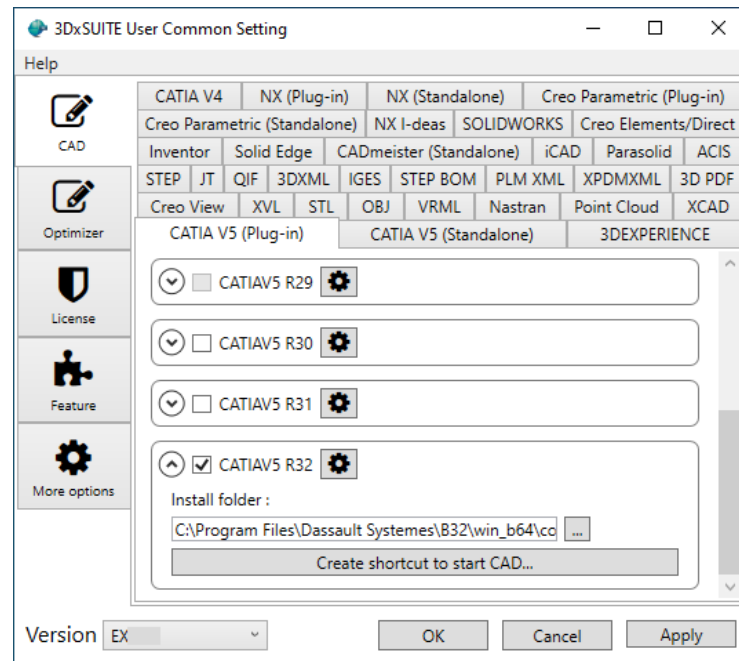
5.2. Initial Settings for SmartLauncher (Plug-in)

The configuration of SmartLauncher (Plug-in) should be executed with 3DxSUITE Setting. Below are the procedure.

1. From Windows menu, select [Elysium 3DxSUITE] > [3DxSUITE User Common Setting] or [Elysium 3DxSUITE] > [3DxSUITE Local User Setting].
2. Open [CAD] tab.



3. Open the preferred CAD to set, and set the following contents in the version to be used for translation.



- Enable / disable the checkboxes to specify whether the versions should be used for translation.
- Press the Gear icon and a dialog will appear. Set the configuration keyword for translation. (Optional)
- Set the folder path where the CAD executables are located in the "Install directory".
- When clicking [Create shortcut to start CAD], you can create a shortcut to launch CAD with SmartLauncher (Plug-in) embedded. (*1)

*1: Only certain versions of CAD as listed below can launch SmartLauncher (Plug-in) from the CAD UI. Please refer to "Supported CAD Version" list in the Release Note for more details about CAD versions where the user can launch SmartLauncher (Plug-in) from CAD UI.



- CATIA V5
- 3DEXPERIENCE
- Creo Parametric
- NX
- SOLIDWORKS

[Create shortcut to start CAD...] button will not appear for CAD versions where the user cannot launch SmartLauncher (Plug-in) from CAD UI. For those CAD versions, translation can be performed only from the context menu.

- Click [OK] to close the dialog.


5.2.1. Initial Settings for CAD Systems

Please refer to "3DxSUITE_Component_en.pdf" – "3.1 Adapter" for the specification and restrictions for each CAD Adapter.


CATIA V5

- To install SmartLauncher (Plug-in) into a customized CATIA V5 environment, there are two ways to do this:

- Inherit the customized environment settings to SmartLauncher (Plug-in)

Click [Create shortcut to start CAD] according to 5.2, "Initial Settings for SmartLauncher (Plug-in)" and press . Specify the customized CATIA V5 environment file to "Copy CATIA V5 ENV file from". Also, if you need to use the environment variables that were set in the customized environment, set them in [More options] > [Environment Variables] of 3DxSUITE setting.

- Add SmartLauncher (Plug-in) settings to the customized environment

Click [Create shortcut to start CAD] according to 5.2, "Initial Settings for SmartLauncher (Plug-in)" and press . Specify the customized CATIA V5 environment file to "Copy CATIA V5 ENV file from". When the process is completed, a new environment file is created in the following path where both environments, customized and SmartLauncher (Plug-in), coexist. (* is the version of CAD.)


```
%Public%\Documents\Elysium\3DxSUITE\Config\SmartLauncher\CATIAV5\R*\ELY_CATIAV5_R*.txt
```

Copy the created environment file to the customized environment, and use this file to start CATIA V5 in the customized environment.


3DEXPERIENCE

- To install SmartLauncher (Plug-in) into a customized 3DEXPERIENCE environment, there are two ways to do this:

- Inherit the customized environment settings to SmartLauncher (Plug-in)


Click [Create shortcut to start CAD] according to 5.2, "Initial Settings for SmartLauncher (Plug-in)" and press . Specify the customized 3DEXPERIENCE environment file to "Copy 3DEXPERIENCE ENV file from". Also, if you need to use the environment variables that were set in the customized environment, set them in [More options] > [Environment Variables] of 3DxSUITE setting.

- Add SmartLauncher (Plug-in) settings to the customized environment

Click [Create shortcut to start CAD] according to 5.2, “Initial Settings for SmartLauncher (Plug-in)” and press . Specify the customized 3DEXPERIENCE environment file to "Copy 3DEXPERIENCE ENV file from". When the process is completed, a new environment file is created in the following path where both environments, customized and SmartLauncher (Plug-in), coexist. (**** is the version of CAD.)


```
%Public%\Documents\Elysium\3DxSUITE\Config\SmartLauncher\3DEX\R****x\ELY_3DEX_ASX_R****x.txt
```

Copy the created environment file to the customized environment, and use this file to start 3DEXPERIENCE in the customized environment.

- To use SmartLauncher (Standalone), use 5.2, “Initial Settings for SmartLauncher (Plug-in)” as a reference to open [3DxSUITE Setting] > [CAD] tab > [3DEXPERIENCE] tab. Press () to set the configuration keyword "3DEX_LoginTicket". Please refer to "3DEXPERIENCE Importer / Exporter" in "Elysium 3DxSUITE Component Manual" for how to obtain 3DEX_LoginTicket.

NX

- Below are the ways to use SmartLauncher (Plug-in) either in a customized NX environment (including NX in Teamcenter environment) or via a default CAD launch shortcut.
 - Inherit the customized environment settings to SmartLauncher (Plug-in)

Click [Create shortcut to start CAD] according to 5.2, “Initial Settings for SmartLauncher (Plug-in)” and press . Specify the path of the file specified by "UGII_CUSTOM_DIRECTORY_FILE" (e.g., custom_dirs.dat) in the customized environment to "Copy custom_dirs.dat from".

- Add SmartLauncher (Plug-in) settings to the customized environment

Use one of the following ways to add the SmartLauncher (Plug-in) settings to the customized environment.

- A. Specify the path of "SmartLauncher (Plug-in) for NX" installation folder in "UGII_CUSTOM_DIRECTORY_FILE" (such as "custom_dirs.dat") which is used when starting the customized NX.
- B. Specify the path of "SmartLauncher (Plug-in) for NX" installation folder in "UGII_USER_DIR" environment variable.

The path of SmartLauncher (Plug-in) for NX installation folder is as follows.

- SmartLauncher installation folder is:
 <3DxSUITE Installation Folder>\SmartLauncher\cad_plugin\114\<NX version>

(Example) C:\Program Files\Elysium\3DxSUITE\SmartLauncher\cad_plugin\114\NX1953



Please note that when launching NX via Teamcenter and running Scenarios for DFX, the PowerShell path will disappear in the batch that starts Teamcenter Rich Client, preventing DFX components from running. To run successfully, specify the PowerShell folder in the environment variable "AUX_PATH" as shown below.

AUX_PATH=C:\WINDOWS\System32\WindowsPowerShell\v1.0\

Creo Parametric

- Below are the ways to use SmartLauncher (Plug-in) either in a customized Creo Parametric environment or via a default Creo Parametric launch shortcut.

- Create "protk.dat" file in any place. Enter the following contents in this file. (For users who have installed SmartLauncher in the default folder, and using Creo Parametric 6.0 with it)

```
NAME ELY_CREOP_CONVERTER_PLUG_IN
EXEC_FILE C:\Program Files\Elysium\3DxSUITE\SmartLauncher\cad_plugin\104\Creo6\dll\PDMPProe.dll
TEXT_DIR C:\Program Files\Elysium\3DxSUITE\SmartLauncher\cad_plugin\104\Creo6\text_fbt
REVISION Wildfire
STARTUP dll
END
```

- Add the following line to "config.pro" that Creo Parametric loads at startup. (By default, <Creo Parametric Installation folder>\Common Files\text\config.pro will be loaded)

PROTKDAT <Full path of protk.dat, created in step 1.>

- Please note that two seats of license on Creo Parametric will be required when launching to/from Creo Parametric translation under the conditions below:
 - Using a plug-in Adapter
 - "On-memory translation" option disabled
 - With Creo Parametric license file which does not include the keyword "DUP_GROUP" because 3DxSUITE SmartLauncher newly launches Creo Parametric regardless of whether Creo Parametric is already running. (3DxSUITE SmartLauncher uses the currently opened Creo Parametric when on-memory translation is enabled.)

SOLIDWORKS

- SmartLauncher (Plug-in) for SOLIDWORKS will not appear on the menu just by installing it. Follow the steps below to enable it.
 1. Launch SOLIDWORKS by using "3DxSUITE SmartLauncher for SOLIDWORKS 20***". (20** is a version of SOLIDWORKS)
 2. Select [Tools] > [Add-Ins] from the menu.
 3. In "Add-Ins" dialog, enable "Elysium Tool for SOLIDWORKS".
 4. Click [OK] to close the "Add-Ins" dialog.

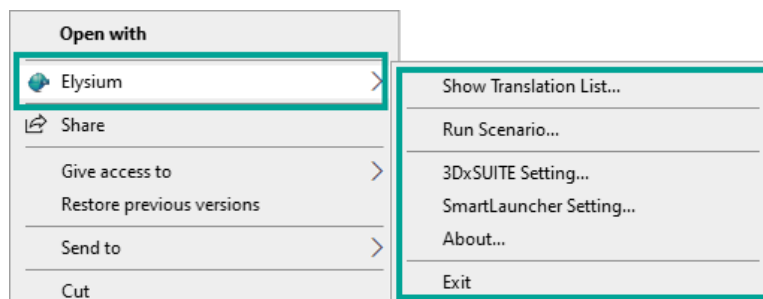
5.3. Launch

This section shows the instructions on how to run SmartLauncher.

5.3.1. Launch SmartLauncher (Standalone)

Start standalone type of 3DxSUITE SmartLauncher from the context menu of File Explorer as follows.

1. Right-click a file to translate, and then select [Elysium] > [Convert/Change File Type] from the context menu. For Windows 11, select [Show more options], and then select [Elysium].
2. "Open" dialog will appear where you can specify the folder and the filename to save the result data, and the file format to translate.



5.3.2. Launch SmartLauncher (Plug-in)

To launch SmartLauncher (Plug-in), either start from the Windows menu or the shortcut on desktop.

- To start from the Windows menu, run the batch of CAD / version you want to start from the menu below.
 - [Elysium 3DxSUITE SmartLauncher] > [3DxSUITE SmartLauncher for (CAD system name) (Version)].
- To start from the shortcut, double-click "3DxSUITE SmartLauncher for (CAD system name) (Version)" on your desktop.



Fig. 1. Example shortcut to start CATIAV5 R30

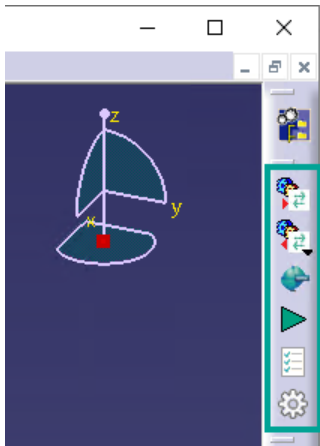
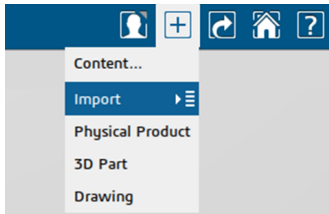
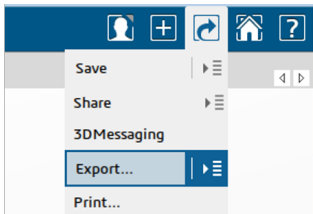


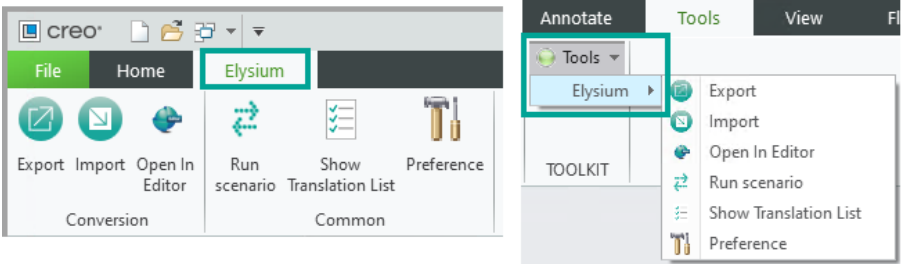
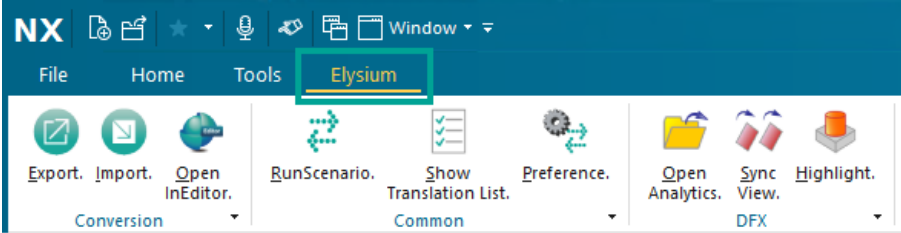
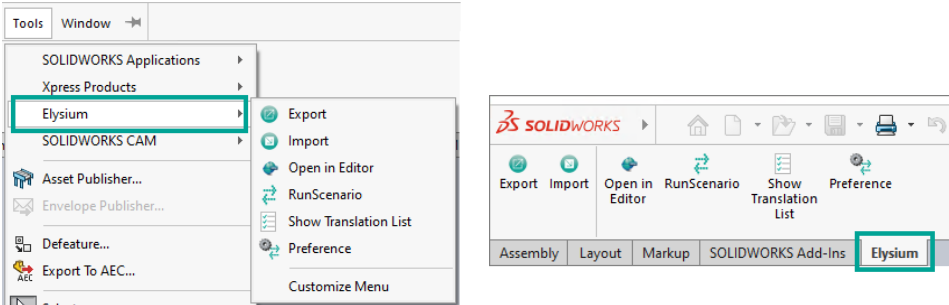
Only certain versions of CAD as listed below can launch SmartLauncher (Plug-in) from the CAD UI. Please refer to "Supported CAD Version" list in the Release Note for more details about CAD versions where the user can launch SmartLauncher (Plug-in) from CAD UI.

- CATIA V5
- 3DEXPERIENCE
- Creo Parametric
- NX
- SOLIDWORKS

For those CAD versions where the user cannot launch SmartLauncher (Plug-in) from CAD UI, translation can be performed only from the context menu.

SmartLauncher (Plug-in) will be integrated into menu bar of CAD systems as below.

CAD	Where SmartLauncher (Plug-in) is displayed
CATIA V5	
3DEXPERIENCE	<div>   </div> <p>*When specifying "*_Elysium" as I/O file format, translation will be executed.</p>

CAD	Where SmartLauncher (Plug-in) is displayed
Creo	
NX	
SOLIDWORKS	

5.4. Uninstallation



You need Administrator privileges to uninstall Elysium products.

Please note that when uninstalling SmartLauncher (Plug-in) by the following procedure, the process will end but the application will not be deleted.



1. Install 3DxSUITE SmartLauncher Base and SmartLauncher (Plug-in) using Components installer.
2. Specify 3DxSUITE SmartLauncher Base directly and uninstall it.
3. Uninstall Components.

This behavior is caused by uninstalling 3DxSUITE SmartLauncher Base when SmartLauncher (Plug-in) has already been installed. If this happens, specify and uninstall SmartLauncher (Plug-in) directly instead of via Components.

5.4.1. Manual Uninstallation of SmartLauncher (Standalone)

1. From Windows start menu, select [Settings](Gear mark).

2. Then select [Apps].
3. From the list of applications displayed in "Apps & features", select "Elysium 3DxSUITE EX9.1 - SmartLauncher Base" to uninstall.

5.4.2. Silent Uninstallation of SmartLauncher (Standalone)

Run command prompt as an administrator, and run the installer with arguments below. This will allow you to uninstall SmartLauncher (Standalone) without any user interaction.

Sample Command:

```
Elysium_3DxSUITE_EX9.1_SmartLauncher_Base.exe /s /x /v"/l*  
\"C:\temp\uninstall.log\"/qn"
```

5.4.3. Manual Uninstallation of SmartLauncher (Plug-in)

1. From Windows start menu, select [Settings](Gear mark).
2. Then select [Apps].
3. From the list of applications displayed in "Apps & features", select "Elysium 3DxSUITE EX9.1 - SmartLauncher (***) Plug-in)" to uninstall. (***) is the CAD name.)

5.4.4. Silent Uninstallation of SmartLauncher (Plug-in)

Run command prompt as an administrator, and run the installer with arguments below. This will allow you to uninstall SmartLauncher (Plug-in) without any user interaction. When specifying the executables, the files must correspond to SmartLauncher (Plug-in) that you want to uninstall.

Sample Command (For SmartLauncher (Plug-in) for CATIA V5):

```
Elysium_3DxSUITE_EX9.1_SmartLauncher_CATIA_V5.exe /s /x /v"/l*  
\"C:\temp\uninstall.log\"/qn"
```

This is a list of command arguments to pass to the installer when executing silent uninstallation.

Command Argument	Description	Mandatory / Optional
/s	Execute installation or uninstallation in silent mode.	Mandatory
/x	Execute uninstallation.	Mandatory

Command Argument	Description	Mandatory / Optional
/v	<p>Specify the following arguments in the form of /v"arg1 arg2 ...":</p> <ul style="list-style-type: none">• /l* "\"<Log file>\" : Specify the log file path. A space is required between "/l*" and the filename.• /qn : Install or uninstall without displaying the dialog.• /qn+ : Dialog is displayed when installation or uninstallation is completed.	Optional

6. Elysium 3DxSUITE SmartController

Programs that need to be installed in advance

- [Components](#)

(3DxSUITE Component Base, 3DxSUITE SmartLauncher Base)



Before launching SmartController, you are required to set the license setting in 3DxSUITE Setting.



Please note that when SmartController is launched for the first time, the license setting configured in 3DxSUITE Setting will be used. After the first time, the license setting configured in SmartController will take precedence to be used.

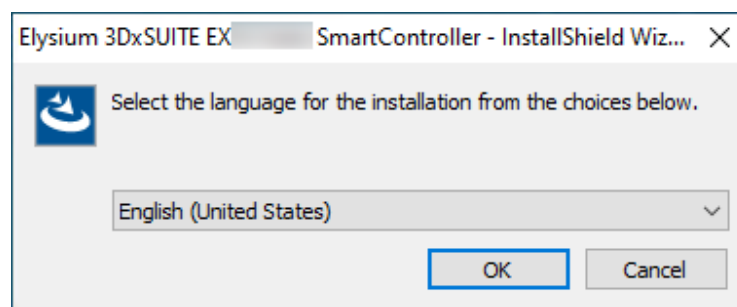
6.1. Installation



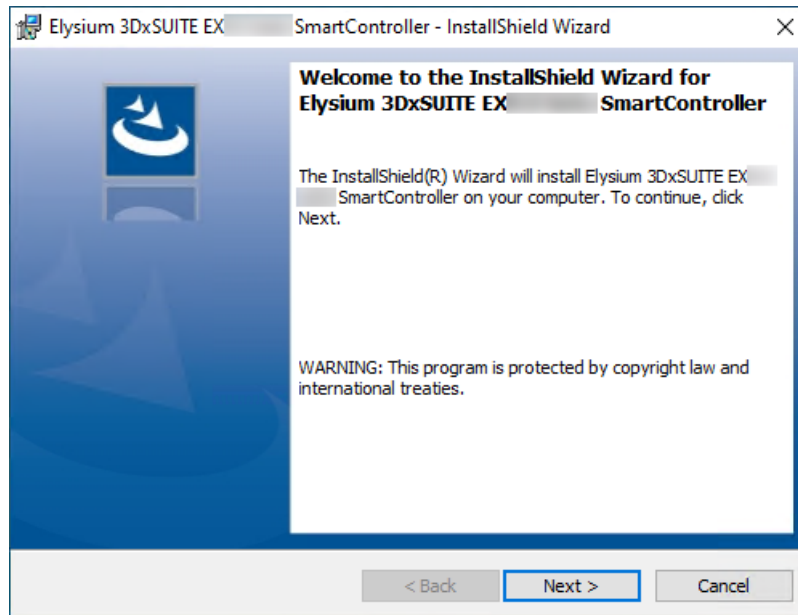
You need Administrator privileges to install Elysium products.
If the required program is not installed beforehand, execution will abort.

6.1.1. Manual Installation

1. Run the installer for SmartController.
 - Folder containing the installer: <3DxSUITE SmartController Package>\
 - Installer: Elysium_3DxSUITE_EX9.1_SmartController.exe
2. Select the language for the installation and click [OK]. Japanese and English are available.



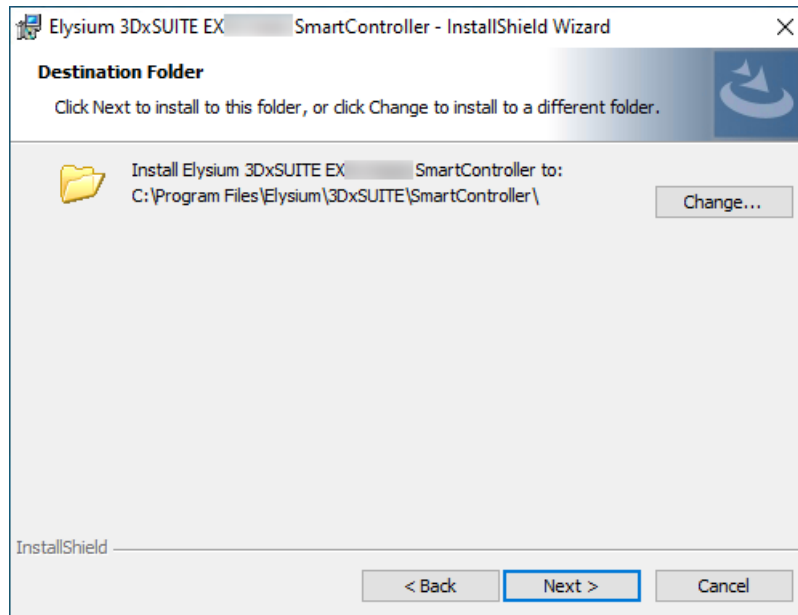
3. Install Wizard starts. Click [Next].



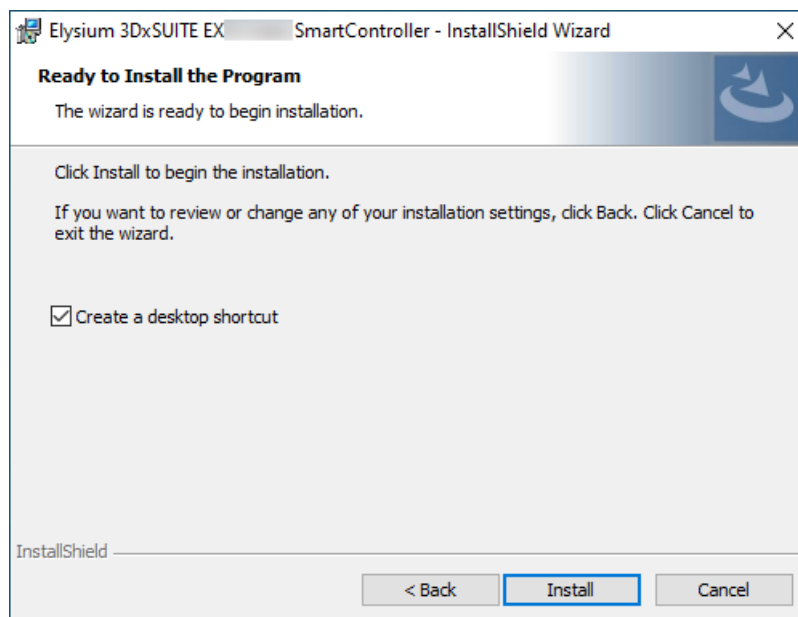
4. Select "I accept the terms of the license agreement" if you agree, and then click [Next]. If you disagree, you cannot continue the installation.



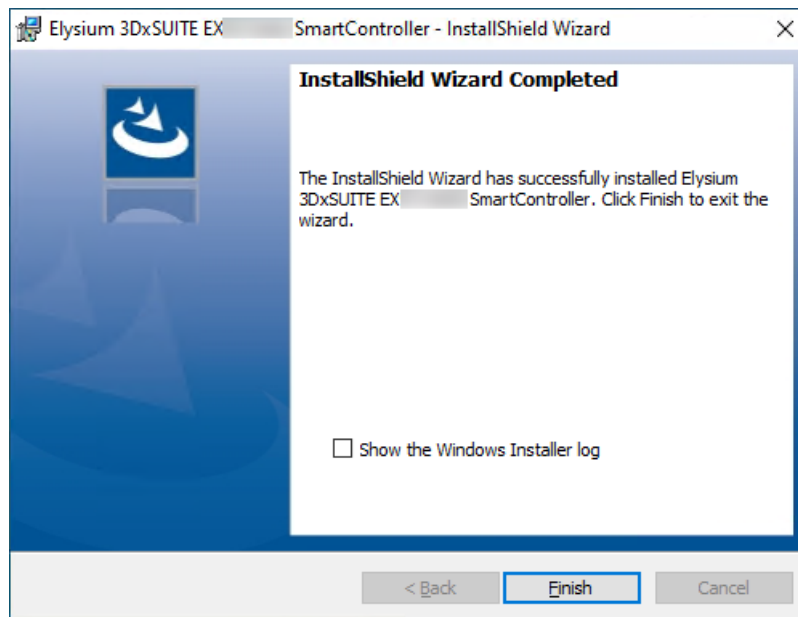
5. Destination folder for installation will be displayed. It will be installed in the folder specified in 3DxSUITE Component Base and cannot be changed. Click [Next].



6. Disable "Create a desktop shortcut" if you do not want to create a desktop shortcut. Click [Install] to start the installation.



7. The following dialog will appear when installation is completed. Click [Finish] to close the installer.



6.1.2. Silent Installation

By using the command, you can install or upgrade SmartController without GUI operations.

- Example of command

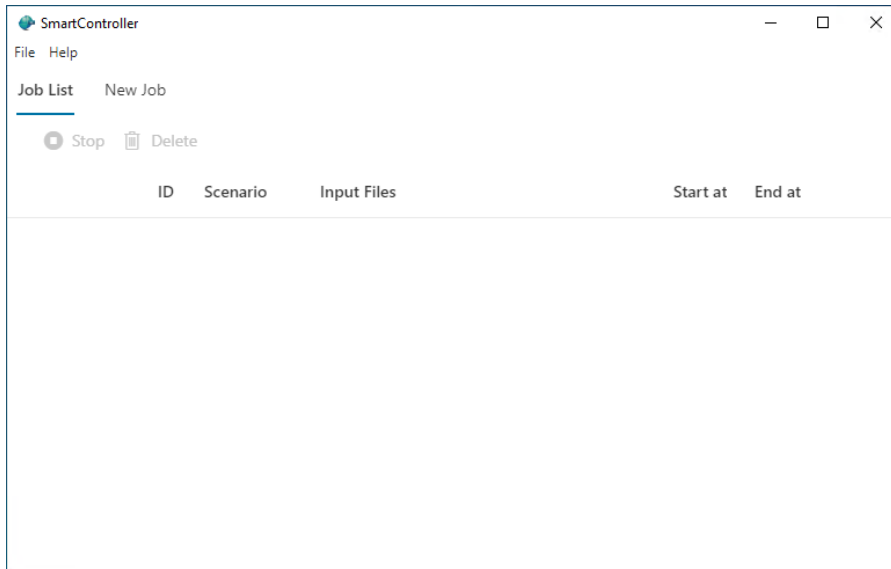
```
Elysium_3DxSUITE_EX9.1_SmartController.exe /s /v"/l* "C:\temp\install.log\"
INSTALLDIR="C:\Program Files\Elysium\3DxSUITE\EX9.1\SmartController\" /qn"
```

This is a list of command arguments to pass to the installer when executing silent installation.

Command Argument	Description	Mandatory / Optional
/s	Execute installation or uninstallation in silent mode.	Mandatory
/v	<p>Specify the following arguments in the form of /v"arg1 arg2 ...":</p> <ul style="list-style-type: none"> • /l* "<Log file>" : Specify the log file path. A space is required between "/ l *" and the filename. • INSTALLDIR="<Installation Folder>" : Specify the folder where you want to install. This can be specified only when installing. • /qn : Install or uninstall without displaying the dialog. • /qn+ : Dialog is displayed when installation or uninstallation is completed. 	Optional

6.2. Launch

In Windows start menu, select [Elysium 3DxSUITE] > [3DxSUITE SmartController] to launch. Or double-click [3DxSUITE SmartController] shortcut on your desktop to launch.



6.3. Exit

Close the window to exit.

6.4. Uninstallation

6.4.1. Manual Uninstallation

1. From Windows start menu, select [Settings](Gear mark).
2. Then select [Apps].
3. From the list of applications displayed in "Apps & features", select "Elysium 3DxSUITE EX9.1 - SmartController" to uninstall.

6.4.2. Silent Uninstallation

Silent uninstallation can be performed by a command. Installer for the version you are currently using will be required. Please refer to the following command example and the explanation in [Command Argument](#).

- Example of command

```
Elysium_3DxSUITE_EX9.1_SmartController.exe /s /x /v"/l*  
\"C:\temp\uninstall.log\" /qn"
```

7. Elysium 3DxSUITE SmartController Pro

Programs that need to be installed in advance

- n/a



Please ensure to set license-related settings in 3DxSUITE Setting before launching SmartController Pro.



Please note that the first time you launch SmartController Pro, the license setting configured in 3DxSUITE Setting will be used. After the first time, the license setting configured in SmartController Pro will take precedence to be used.

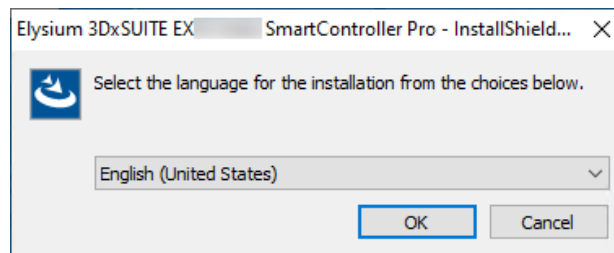
7.1. Installation



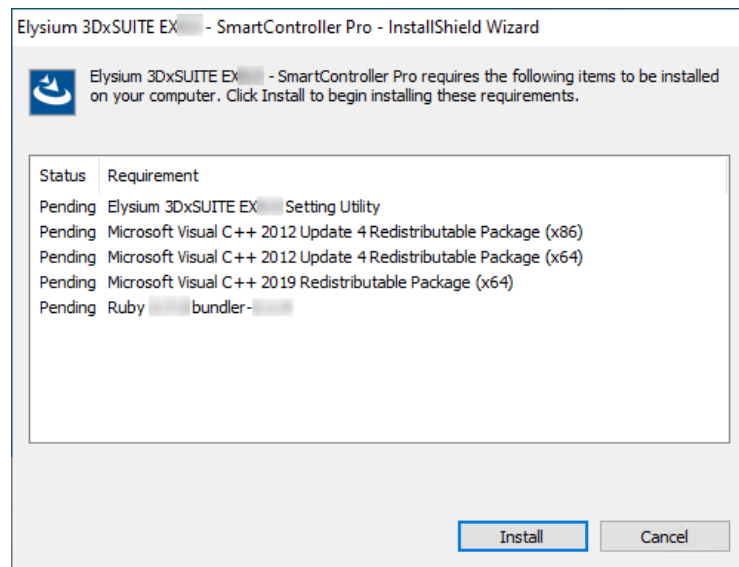
You need Administrator privileges to install Elysium products.

7.1.1. Manual Installation

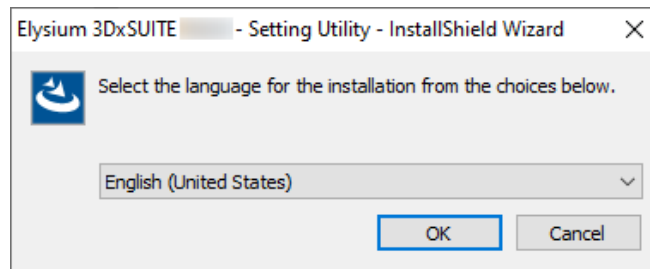
1. Run the installer for SmartController Pro.
 - Folder containing the installer: <3DxSUITE SmartController Pro Package>\
 - Installer: Elysium_3DxSUITE_EX9.1_SmartController_Pro.exe
2. Select the language for the installation and click [OK]. Japanese and English are available.



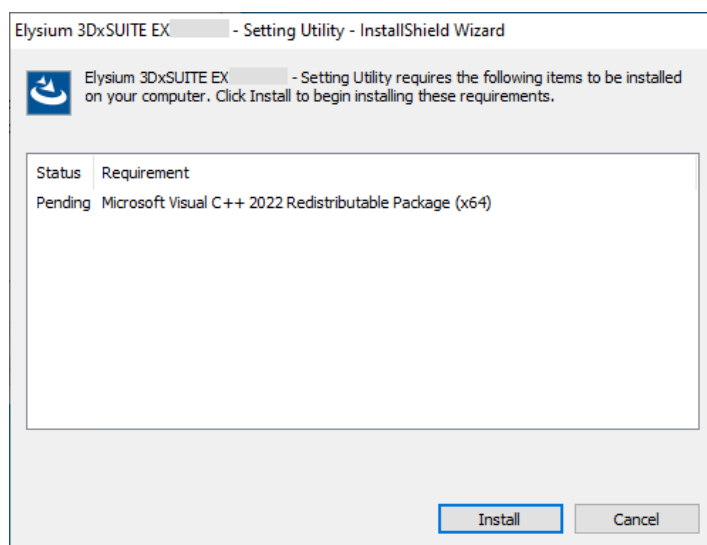
3. When this dialog appears, click [Install].



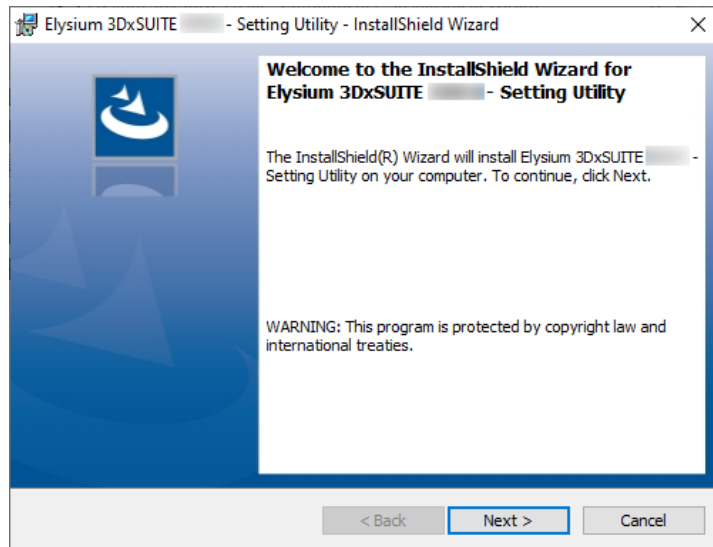
4. If Setting Utility is not installed, the Setting Utility installer will start. Follow the steps below to perform the installation. If Setting Utility is already installed, skip to the step after installing Setting Utility.
 - a. Select which language to use when installing, and click [OK].



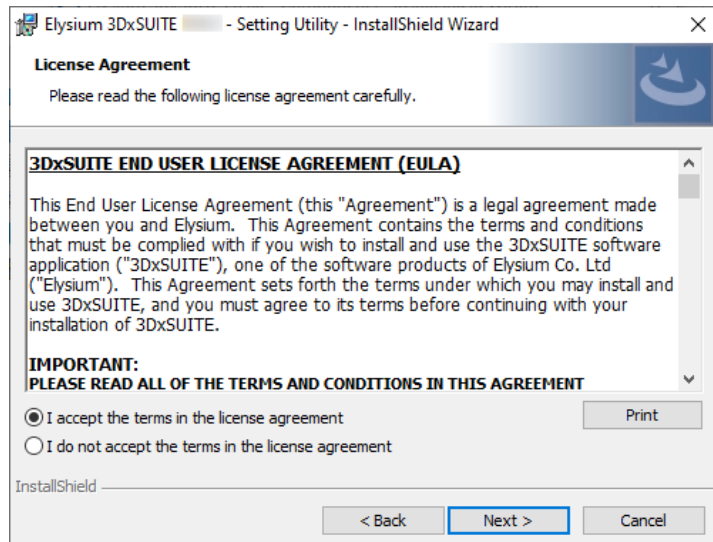
- b. If above dialog is displayed, click [Install] to start the installation. If 3DxSUITE Setting Utility is already installed, this dialog will not appear.



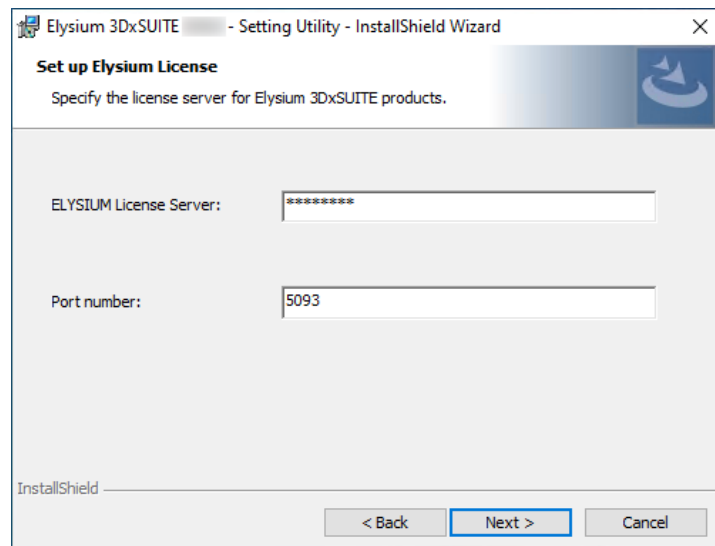
- c. Installation Wizard starts. Click [Next].



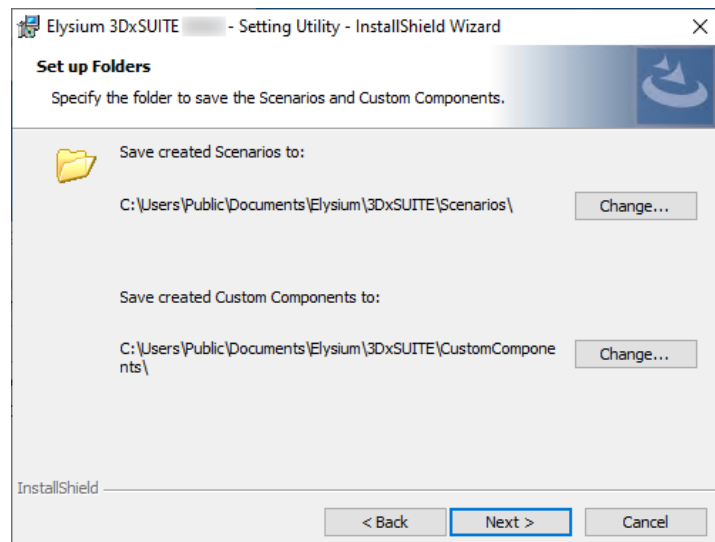
- d. Select "I accept the terms in the license agreement" if you accept the license agreement and click [Next]. If you don't accept, you cannot continue the installation.



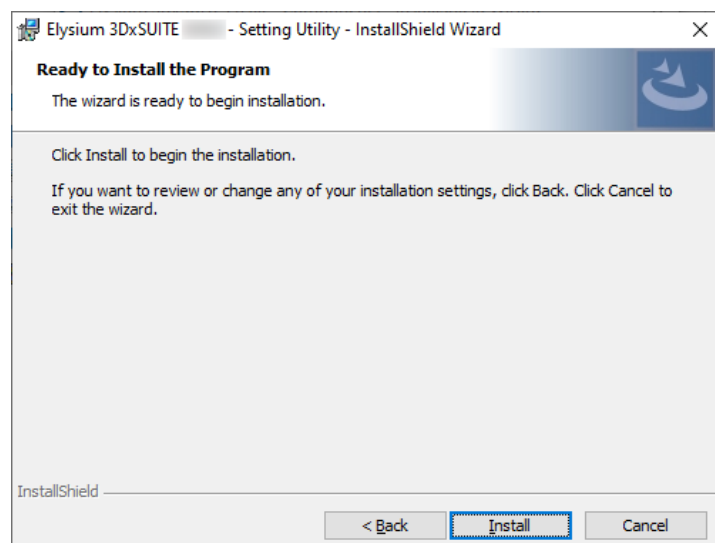
- e. "Set up Elysium License" dialog will appear. Enter Host name of the computer where you installed Sentinel RMS License Manager, and if necessary, change Port number. And then click [Next].



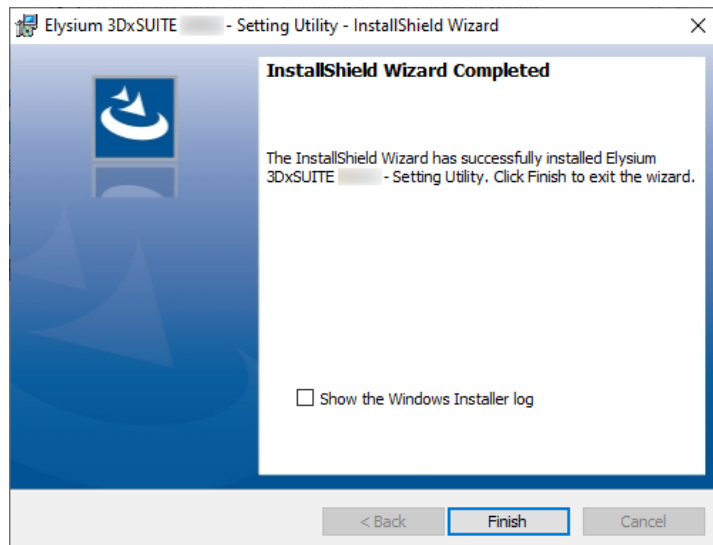
- f. "Set up Folders" dialog will appear. Change the folder path if necessary, and then click [Next].



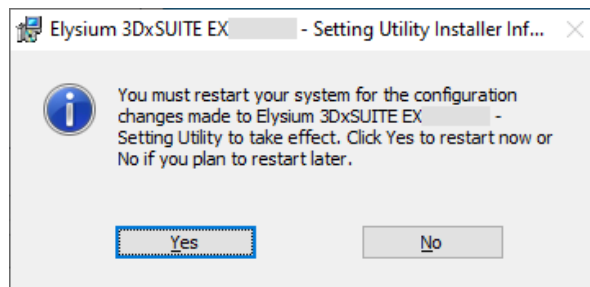
- g. Click [Install] to start the installation.



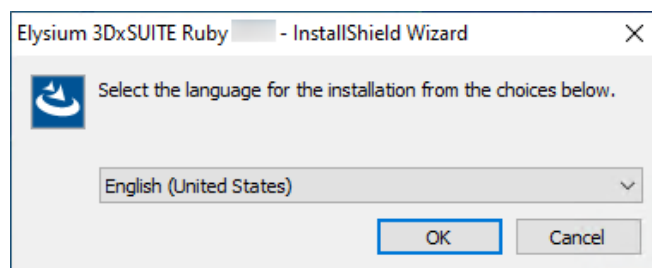
- h. When the installation of Setting Utility is completed, the following dialog will appear. Click [Finish] to close the installer.



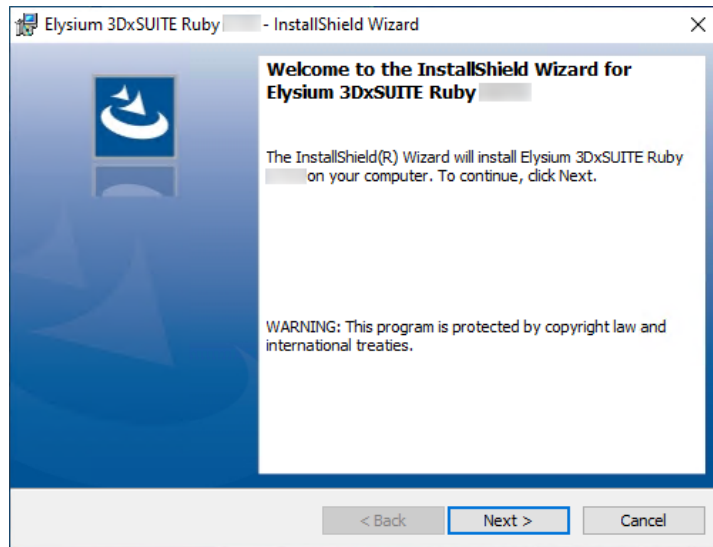
- i. When a dialog appears prompting you to reboot, then reboot the OS. After the OS has rebooted, continue with the next step.



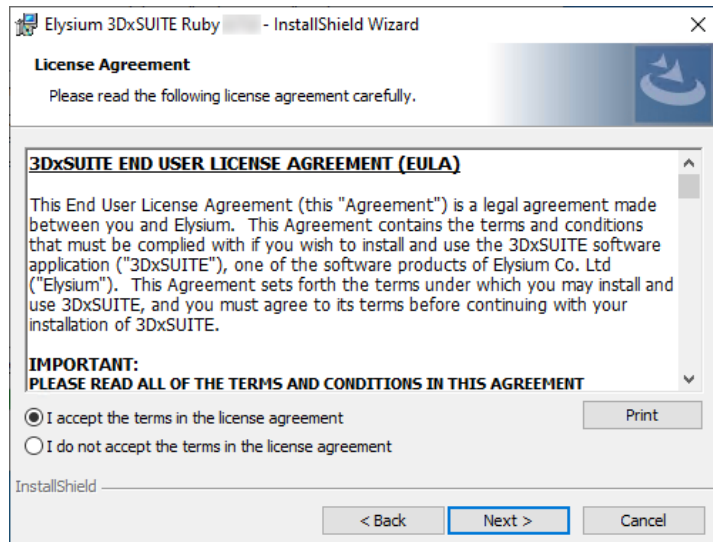
5. If Elysium 3DxSUITE Ruby is not installed in the environment, Elysium 3DxSUITE Ruby installer will start. Follow the steps below to perform the installation. If Elysium 3DxSUITE Ruby is already installed, skip to the step after installing Elysium 3DxSUITE Ruby.
- a. Select which language to use when installing, and click [OK].



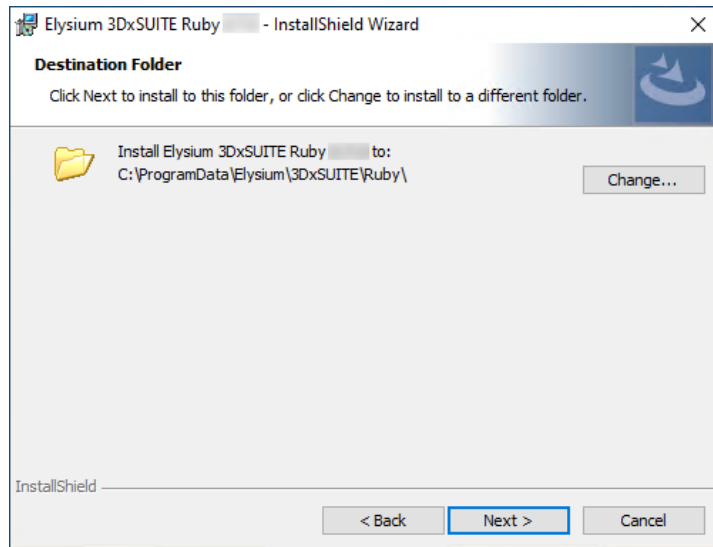
- b. Installation Wizard starts. Click [Next].



- c. Select "I accept the terms in the license agreement" if you accept the license agreement and click [Next]. If you don't accept, you cannot continue the installation.

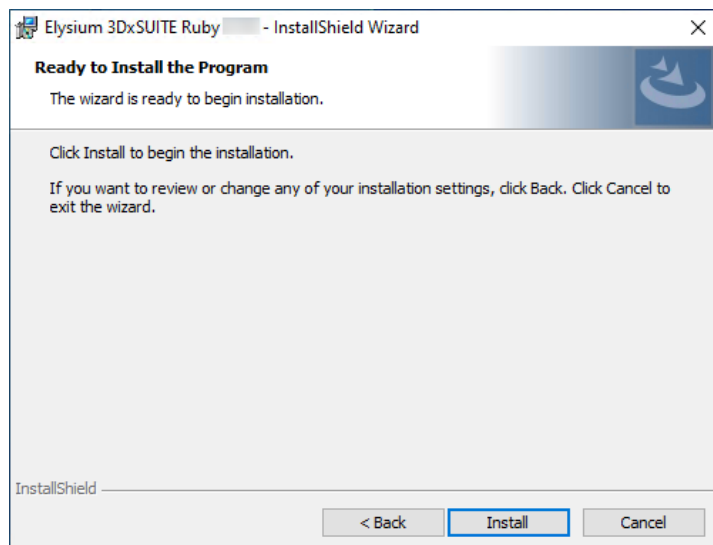


- d. "Destination Folder" dialog will appear. To change the destination folder from default setting, click [Change] and specify the new destination folder. When the setting is finished, click [Next].

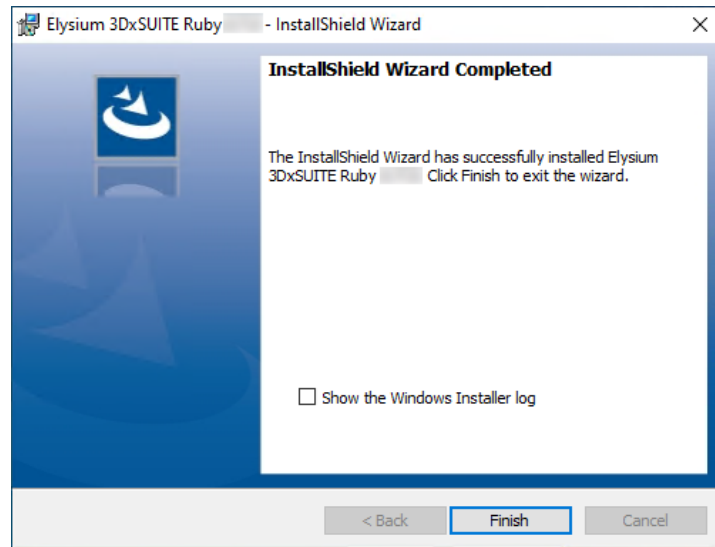


Please ensure that the destination folder path consists only of one-byte alphanumeric characters and several one-byte symbols ("#", "+", "-", "_", ".", "\$", "/", ":"). If characters other than these are included in the path, an error will occur.

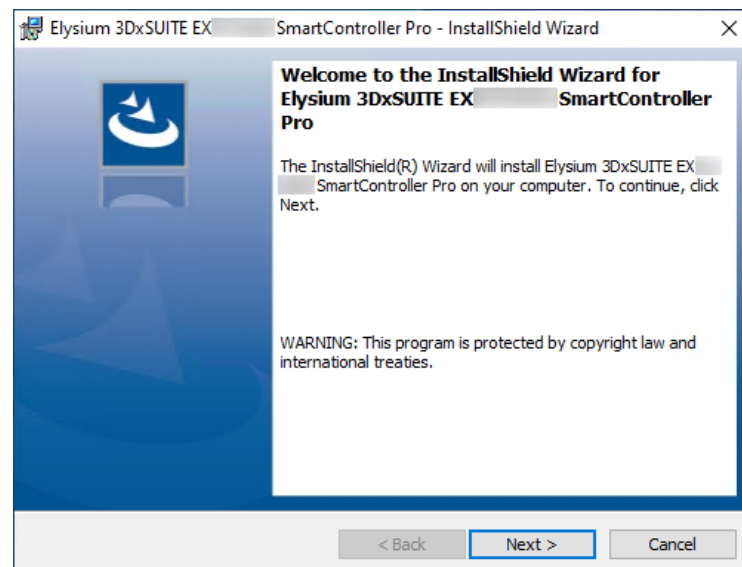
- e. Click [Install] to start the installation.



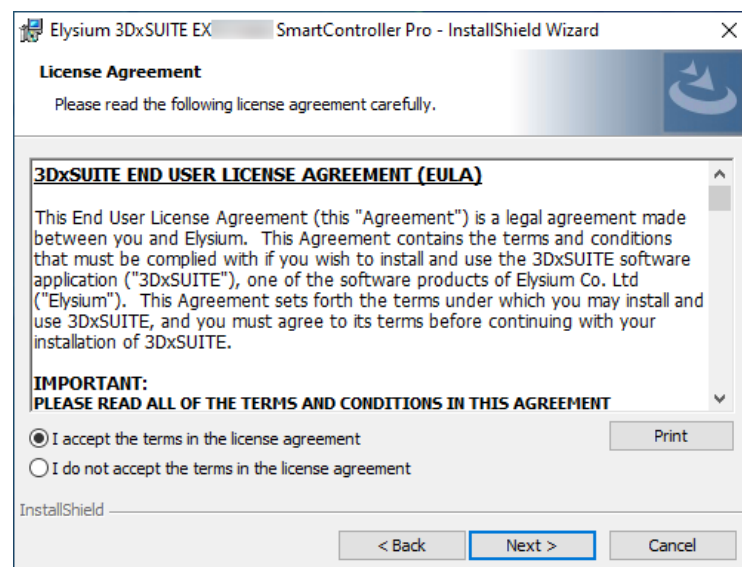
- f. When installation is completed, the following dialog will appear. Click [Finish] to end the installer.



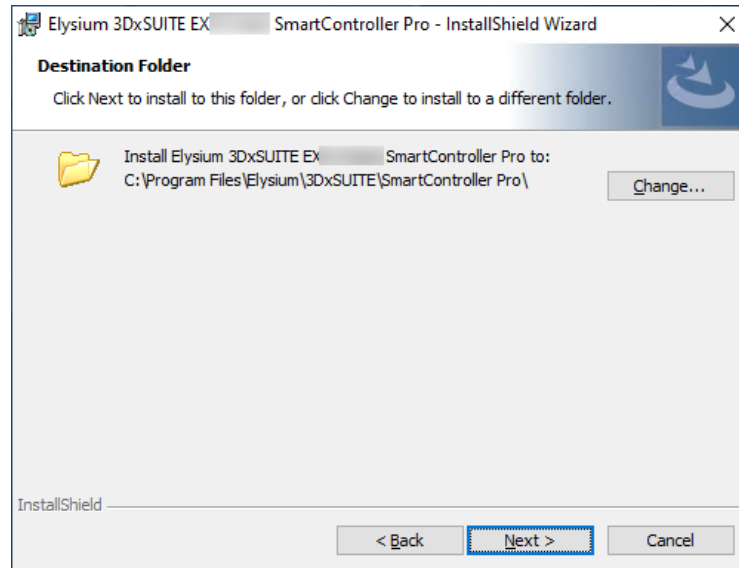
6. Install Wizard starts. Click [Next].



7. Select "I accept the terms of the license agreement" if you agree, and then click [Next]. If you disagree, you cannot continue the installation.

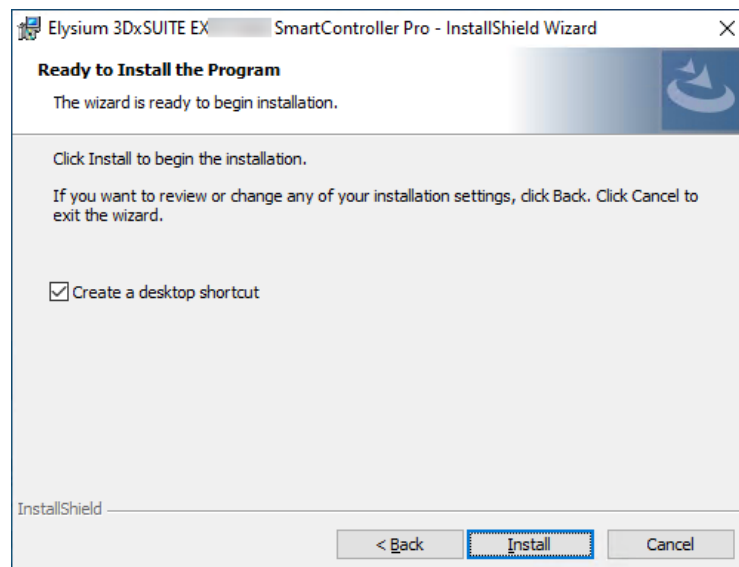


8. "Destination Folder" dialog will appear. To change the destination folder from default setting, click [Change] and specify the new destination folder. When the setting is finished, click [Next].

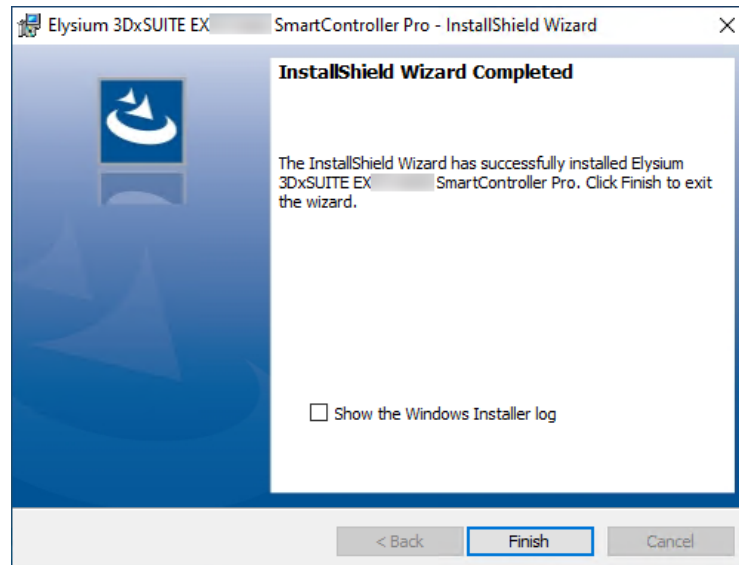


Please ensure that the destination folder path consists of ASCII characters only. If the folder path contains non-ASCII characters, the application may not work as expected.

9. Disable "Create a desktop shortcut" if you do not want to create a desktop shortcut. Click [Install] to start the installation.



10. The following dialog will appear when installation is completed. Click [Finish] to close the installer.



7.1.2. Silent Installation

By using the command, you can install or upgrade SmartController Pro without GUI operations.

- Example of command

```
Elysium_3DxSUITE_EX9.1_SmartController_Pro.exe /s /v"/l* "C:\temp\install.log\"
INSTALLDIR="C:\Program Files\Elysium\3DxSUITE\EX9.1\SmartController_Pro\" /qn"
```

This is a list of command arguments to pass to the installer when executing silent installation.

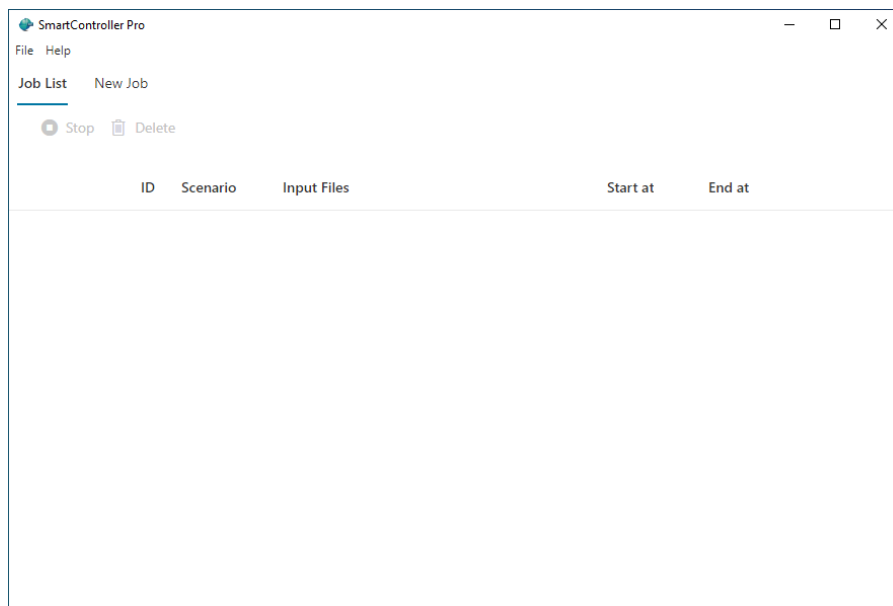
Command Argument	Description	Mandatory / Optional
/s	Execute installation or uninstallation in silent mode.	Mandatory
/v	<p>Specify the following arguments in the form of /v"arg1 arg2 ...":</p> <ul style="list-style-type: none"> • /l* "<Log file>" : Specify the log file path. A space is required between "/l *" and the filename. • INSTALLDIR="<Installation Folder>" : Specify the folder where you want to install. This can be specified only when installing. • /qn : Install or uninstall without displaying the dialog. • /qn+ : Dialog is displayed when installation or uninstallation is completed. 	Optional

7.2. Launch



Please note that when SmartController Pro is launched for the first time, the license setting configured in 3DxSUITE Setting will be used. After the first time, the license setting configured in SmartController Pro will take precedence to be used.

In Windows start menu, select [Elysium 3DxSUITE] > [3DxSUITE SmartController Pro] to launch. Also, launch SmartController Pro by clicking [3DxSUITE SmartController Pro] shortcut on the desktop.



7.3. Exit

Close the window to exit.

7.4. Uninstallation

7.4.1. Manual Uninstallation

1. From Windows start menu, select [Settings](Gear mark).
2. Then select [Apps].
3. From the list of applications displayed in "Apps & features", select "Elysium 3DxSUITE EX9.1 - SmartController Pro" to uninstall.

7.4.2. Silent Uninstallation

Silent uninstallation can be performed by a command. The installer for the version you are currently using will be required.

- Example of command

```
Elysium_3DxSUITE_EX9.1_SmartController_Pro.exe /s /x /v"/l*
\"C:\temp\uninstall.log\" /qn"
```

This is a list of command arguments to pass to the installer when executing silent uninstallation.

Command Argument	Description	Mandatory / Optional
/s	Execute installation or uninstallation in silent mode.	Mandatory
/x	Execute uninstallation.	Mandatory
/v	Specify the following arguments in the form of /v"arg1 arg2 ...": <ul style="list-style-type: none"> • /l* \"<Log file>\" : Specify the log file path. A space is required between "/l*" and the filename. • /qn : Install or uninstall without displaying the dialog. • /qn+ : Dialog is displayed when installation or uninstallation is completed. 	Optional

8. Elysium 3DxSUITE TransServer

Programs that need to be installed in advance

- None

8.1. Installation



- TransServer and WorkerNode should refer to the same License Server.
- Please ensure that the host name resolution works bi-directionally between TransServer (A) and WorkerNode (B).
- By default, TransServer allocates jobs based on the assumption that all licenses on the referenced License Server are available. If other Elysium products or other TransServer are set to refer to the same License Server, an error may occur when allocating jobs.



You need Administrator privileges to install Elysium products.

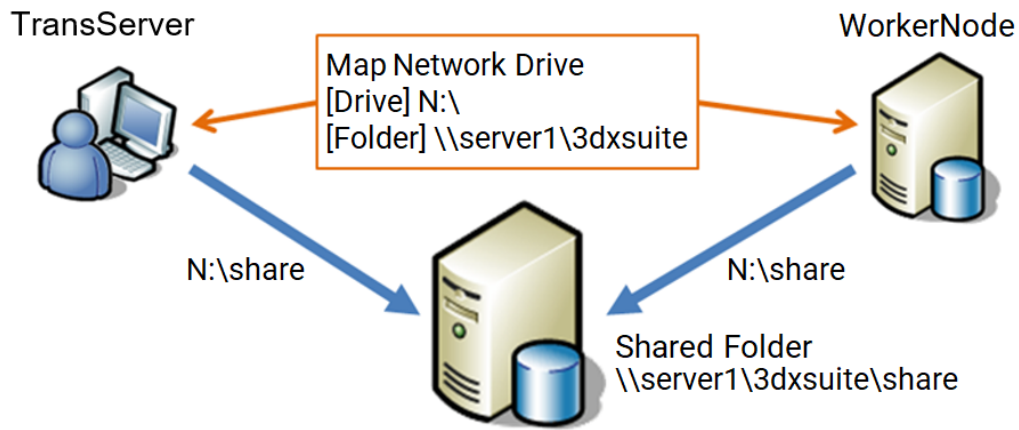
TransServer does not support silent installation. Perform manual installation.

8.1.1. Setup of Shared Folder

The computer where TransServer is installed and the computer where WorkerNode is installed must share one folder with the same file path (Ex. N:\share). This section will explain how to set up a folder (hereinafter referred to as "shared folder") that will be shared across the network on each computer.

Please note the following when you set a shared folder.

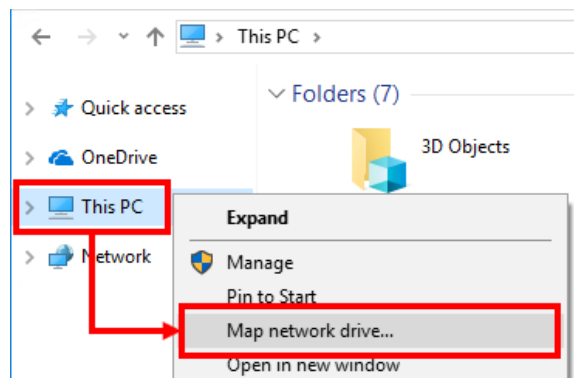
- A shared folder **needs to be assigned in a large-capacity drive** because the output folder and the work folder of data processing are created under the shared folder.
- **UNC path (path which starts with "\\") cannot be used** as the shared folder.
- **Root folders of drives (like "N:\") cannot be used** as the shared folder.



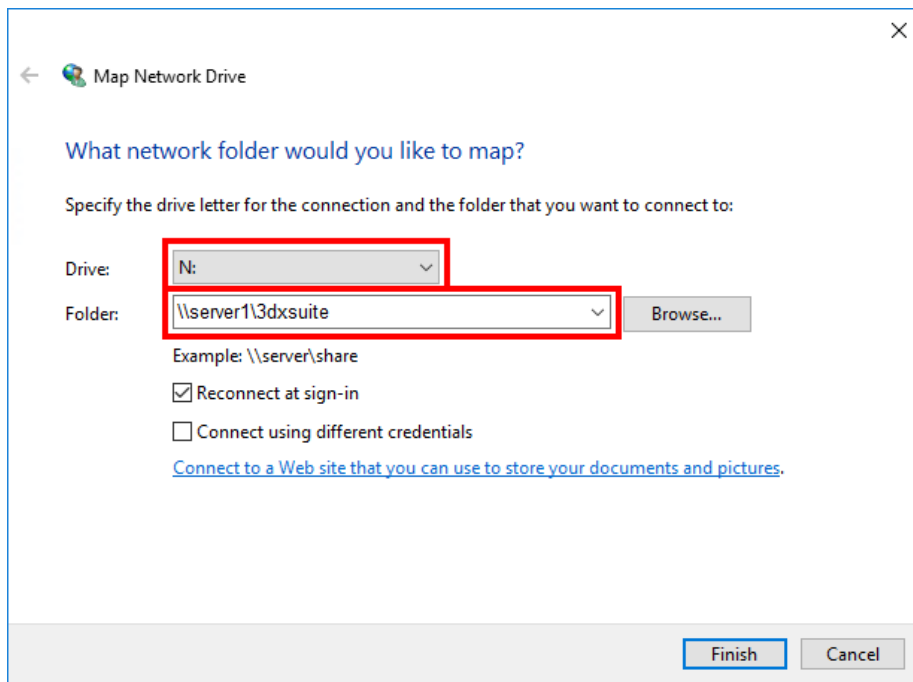
The folder "\\server1\3dxsuite\share" in the computer named "server1" is used as the shared folder in the above example. In this regard, change the path "\\server1\3dxsuite\share" to "N:\share" with assigning the folder "\\server1\3dxsuite" to N drive ("N:\") and use the path "N:\share" as the shared folder, because UNC paths cannot be used as the shared folder.

How to assign a drive letter to UNC path

1. Right-click on "This PC" and select "Map network drive."



2. Select a drive letter from the pull-down menu, then enter UNC path in the Folder field and click [Finish].



Perform the above-mentioned setting to all the computers where WorkerNodes are installed and the computers which use WorkerNode.

8.1.2. Installation of PostgreSQL

Install PostgreSQL. This version of 3DxSUITE TransServer supports version 12.* of PostgreSQL. Download the installer of PostgreSQL 12.* from the following page:

1. Download the installer of PostgreSQL 12.* (Windows x86-64) from the following page:

- <https://www.enterprisedb.com/downloads/postgres-postgresql-downloads>

2. Install PostgreSQL according to the installer instructions.

- Run the installer after logging in as Administrator.
- Create an installation folder for PostgreSQL in advance where "everyone" has been granted full permission to refer to before running the installer.
(e.g., C:\Program Files\PostgreSQL\12)

- Select Components

Please make sure to install both "PostgreSQL Server" and "pgAdmin4".

- Data Directory

The following path is specified by default setting.

C:\Program Files\PostgreSQL\12\data

If data files are stored in a folder under Program Files as default setting, some problems may occur depending on versions of OS. Therefore, create a folder directly under the drive such as the following path and then change the path of Data Directory from default setting to this folder you have created.

(e.g., C:\pgdata\12)

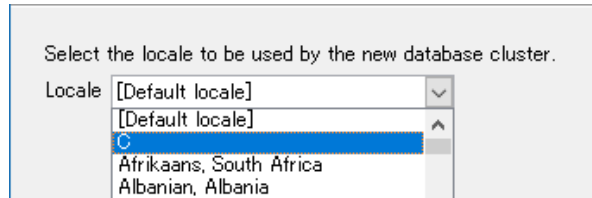
- Password

Enter the password for PostgreSQL administrator. The string of the password which is set here is described in plain text in the following configuration file.

<3DxSUITE TransServer Installation Folder>\k2dashboard\config\database.yml

- Advanced Options

Click "C" in the Locale pull-down menu.



3. After the installation, restart the computer, run Windows Services list, and confirm that the service "postgresql-x64-12 - PostgreSQL Server 12" or "postgresql-x64-12" exist in the list, and then move onto the next step.

- For the service list, press Windows key + [R] key at the same time. Enter "services.msc" in [Run] window and click [OK].
- If the service does not exist, it means that the installation of PostgreSQL has failed. Retry installing PostgreSQL until it is completed. Refer to "15. Troubleshooting" at the end of this document or search for information on the internet.

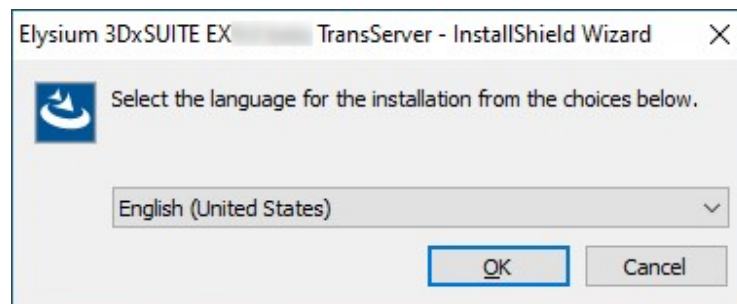
8.1.3. Installation of 3DxSUITE TransServer

Install TransServer with the following steps.

1. Run the installer for TransServer.

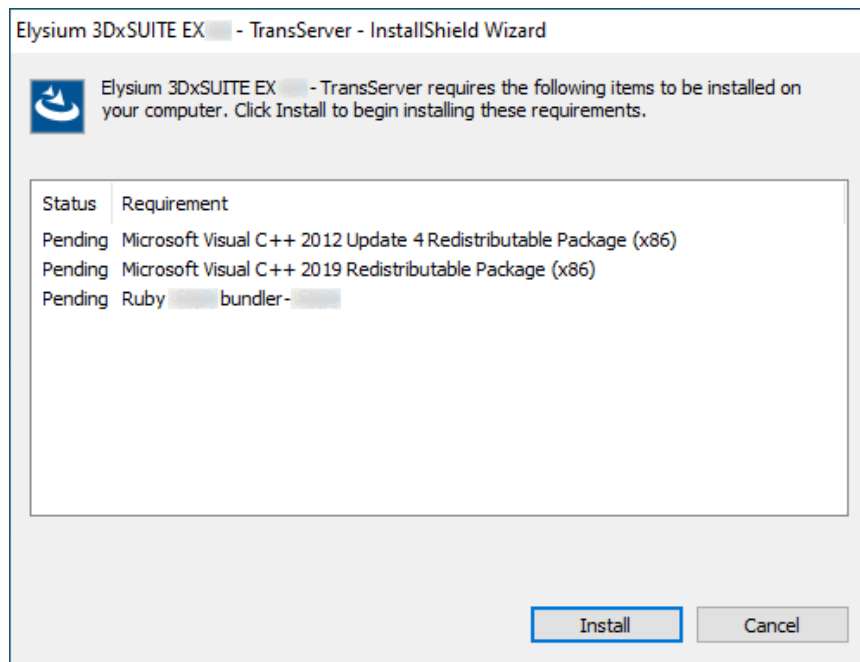
- Folder containing the installer: <3DxSUITE TransServer Package>\
- Installer: Elysium_3DxSUITE_EX9.1_TransServer.exe

2. Select the language for the installation and click [OK]. Japanese and English are available.

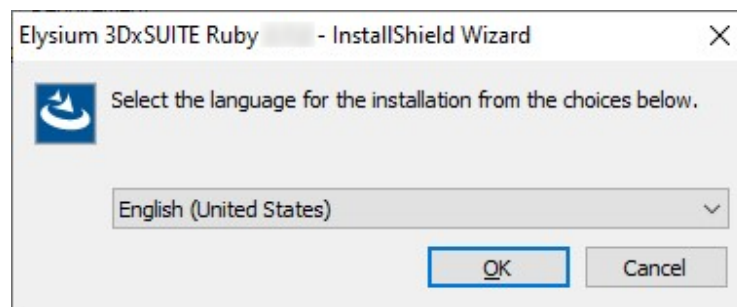


3. If this dialog appears, click [Install] and install Ruby.

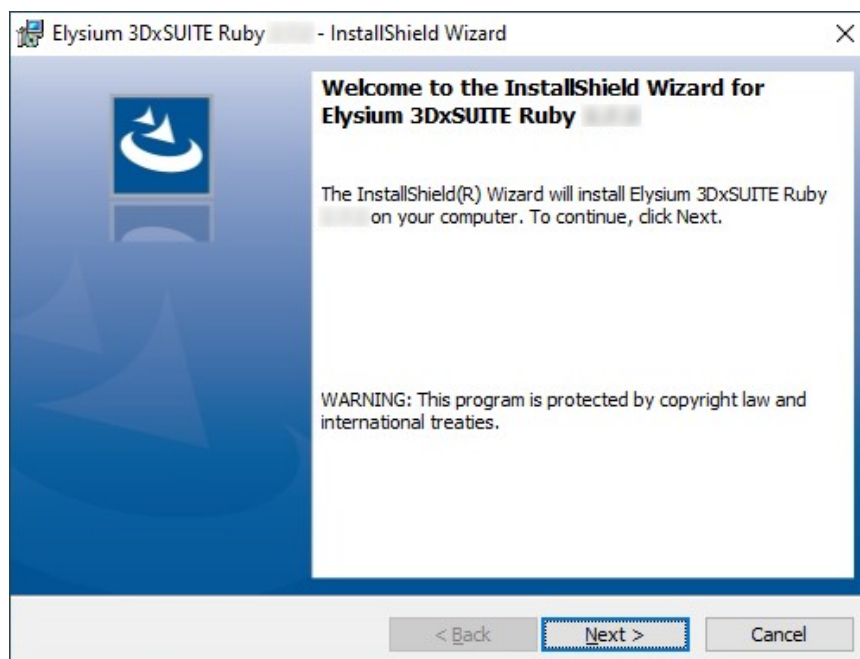
(This dialog will not appear under the environment in which Ruby has already been installed.)



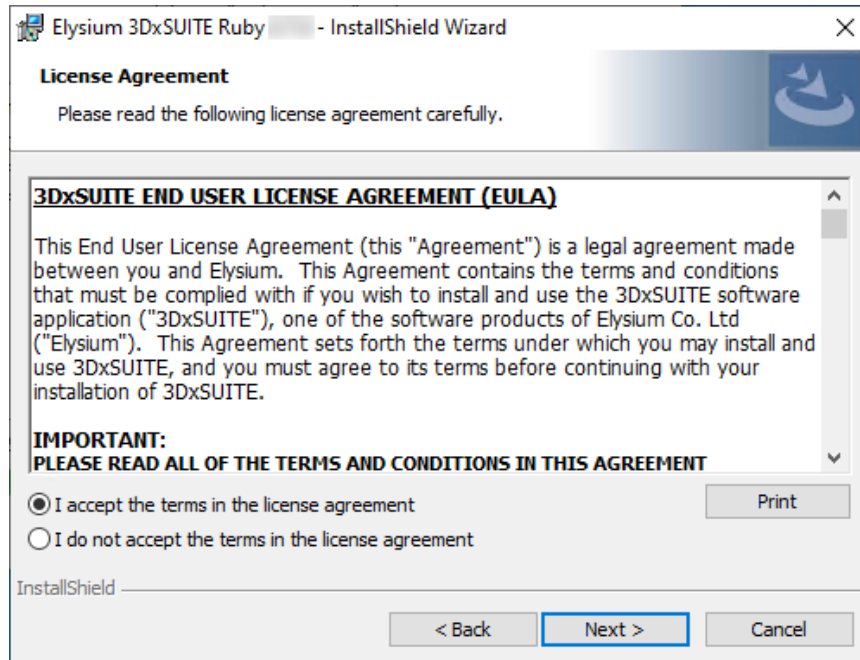
4. The installer of Elysium 3DxSUITE Ruby starts. If Elysium 3DxSUITE Ruby has already been installed, go to step 11.
5. Select the language for the installation and click [OK].



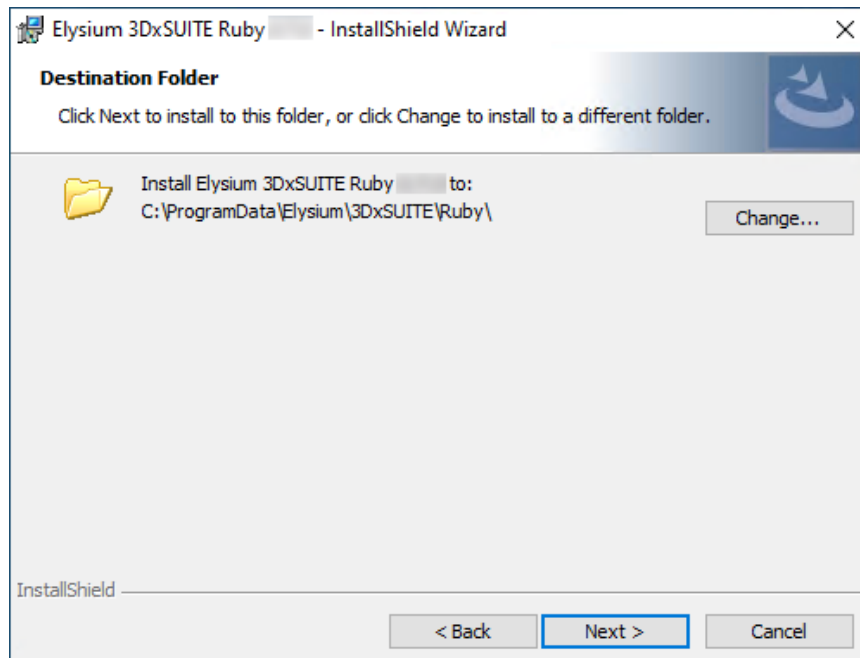
6. Installation Wizard starts. Click [Next].



7. Read through the license agreement carefully. Select "I accept the terms in the license agreement" if you agree, and then click [Next]. If you disagree, you cannot continue the installation.

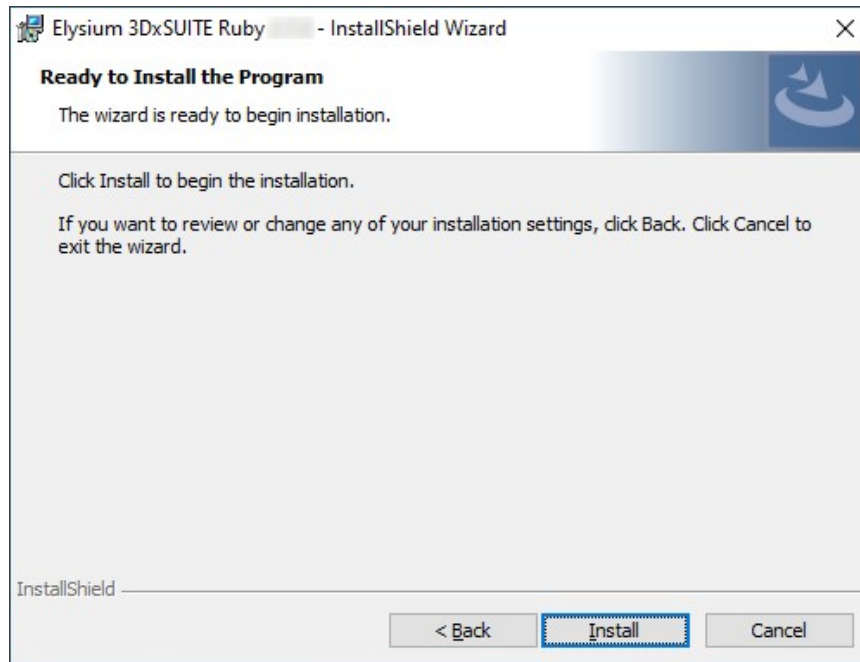


8. "Destination Folder" dialog will appear. To change the destination folder from the default setting, click [Change] and specify the new destination folder. When the setting is finished, click [Next].

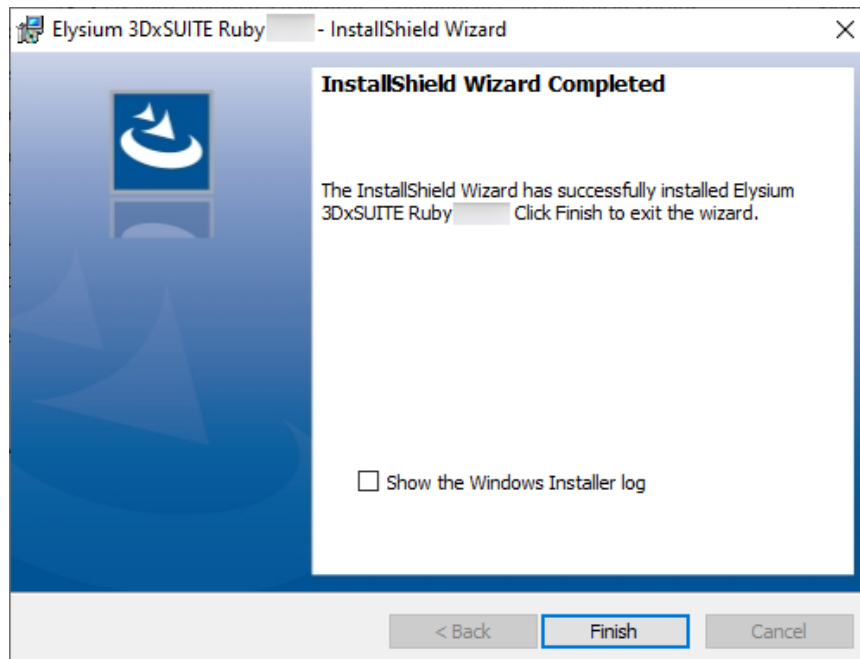


Please ensure that the destination folder path consists only of one-byte alphanumeric characters and several one-byte symbols ("#", "+", "-", "_", ".", "\$", "/", ":"). If characters other than these are included in the path, an error will occur.

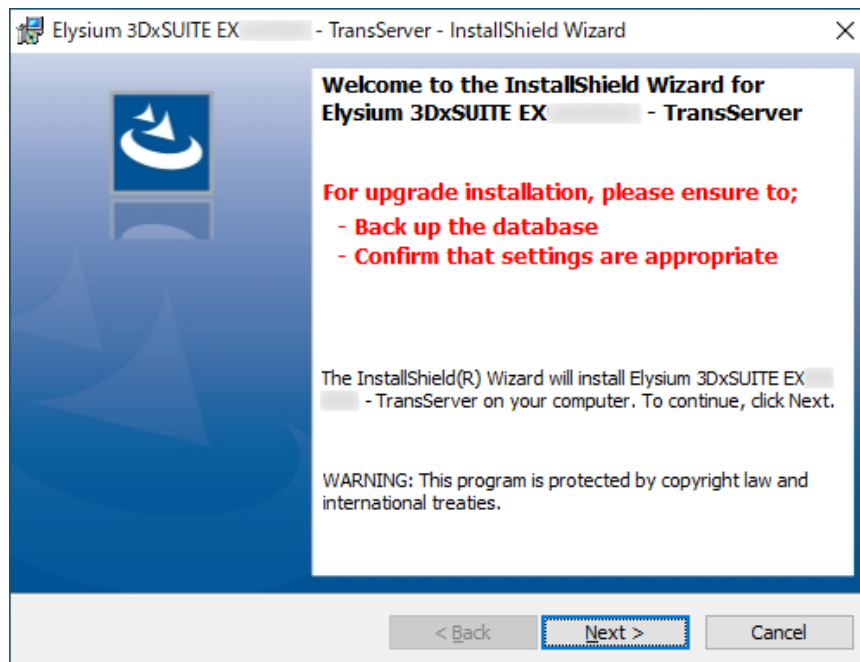
9. Click [Install] to start the installation.



10. When the installation has been completed, the following dialog will appear. Click [Finish]. The installer of Elysium 3DxSUITE Ruby finishes, and you will go back to the installer of TransServer.



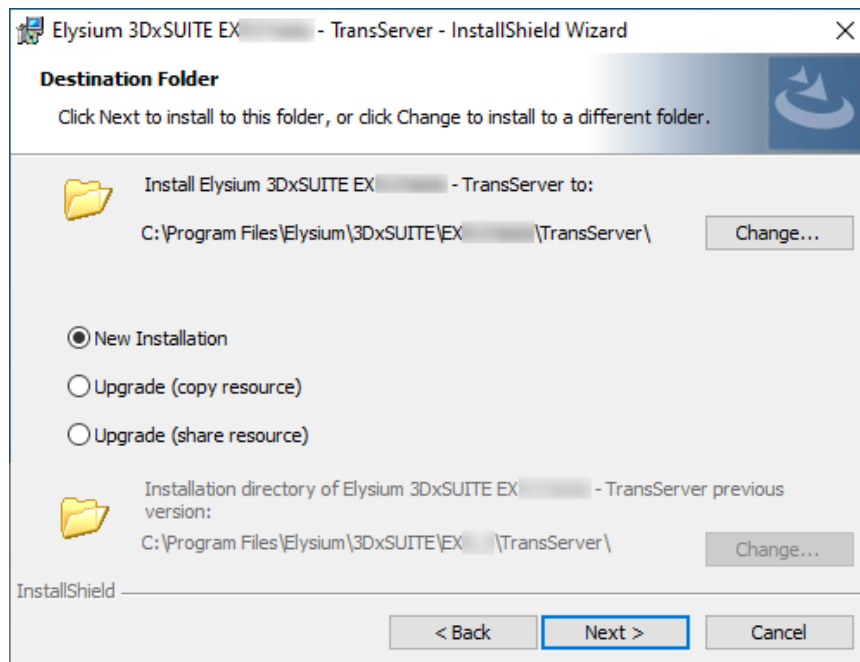
11. After the installation of Ruby, Installation Wizard for 3DxSUITE TransServer starts. Click [Next].



12. Read through the license agreement carefully. Select "I accept the terms in the license agreement" if you agree, and then click [Next]. If you disagree, you cannot continue the installation.

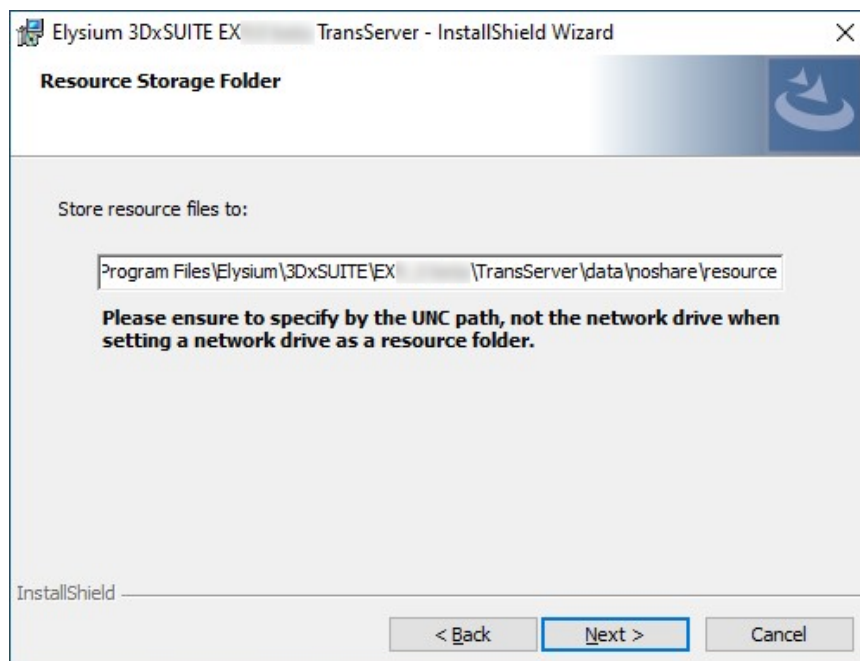


13. The dialog to specify the installation folder appears. You can change the installation folder from the default setting by clicking [Change] at the upper right and specifying a new folder. Confirm that "New Installation" is selected, and then click [Next].



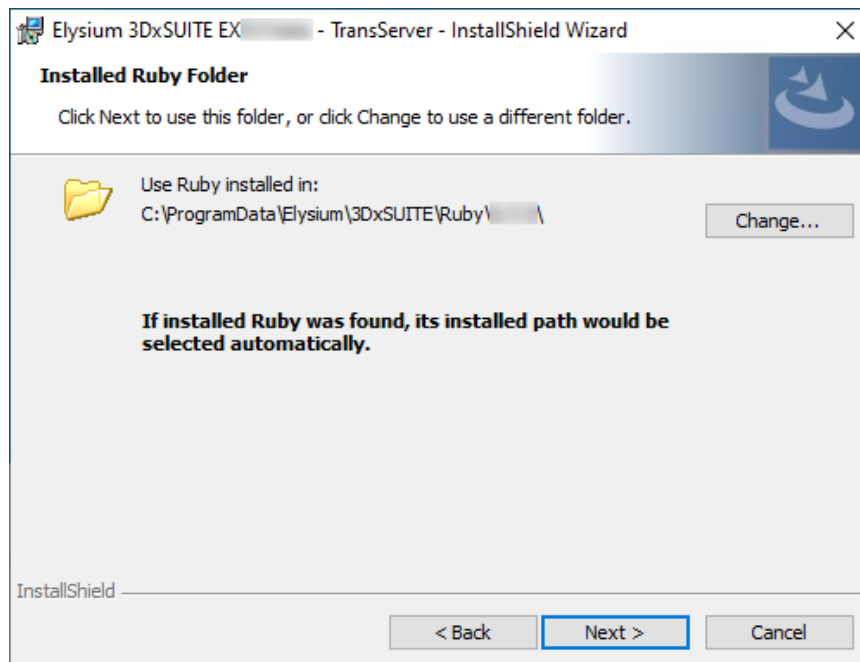
Please note that the length of your installation folder path should be 80 characters or less. If the path is longer than 80 characters, TransServer may not work properly.

14. Specify a folder to save the resources, and click [Next].

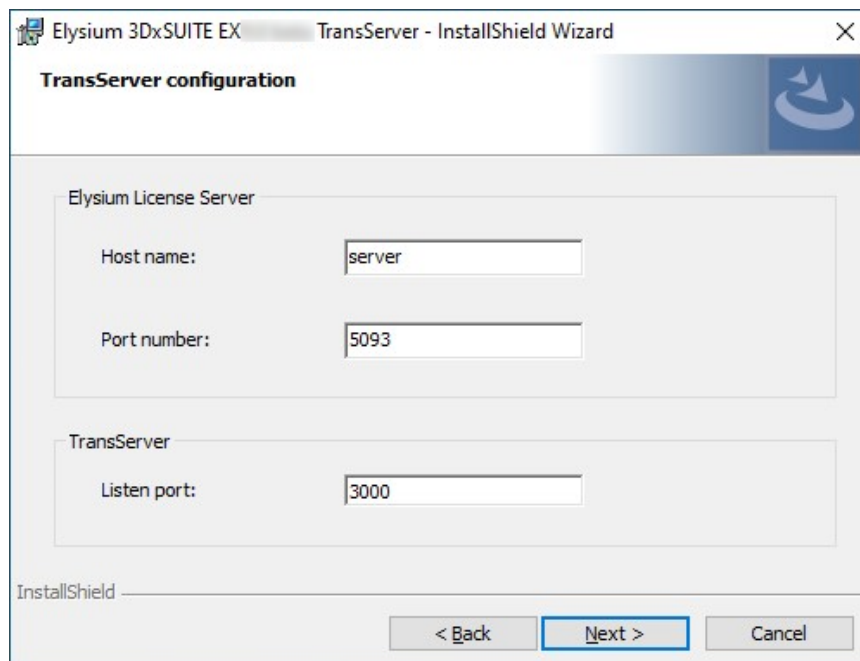


Please ensure to specify either the local drive path or UNC path as the resource folder. Avoid specifying a path which includes a network drive (e.g., N:\transserver\resources) because TransServer may not run properly.

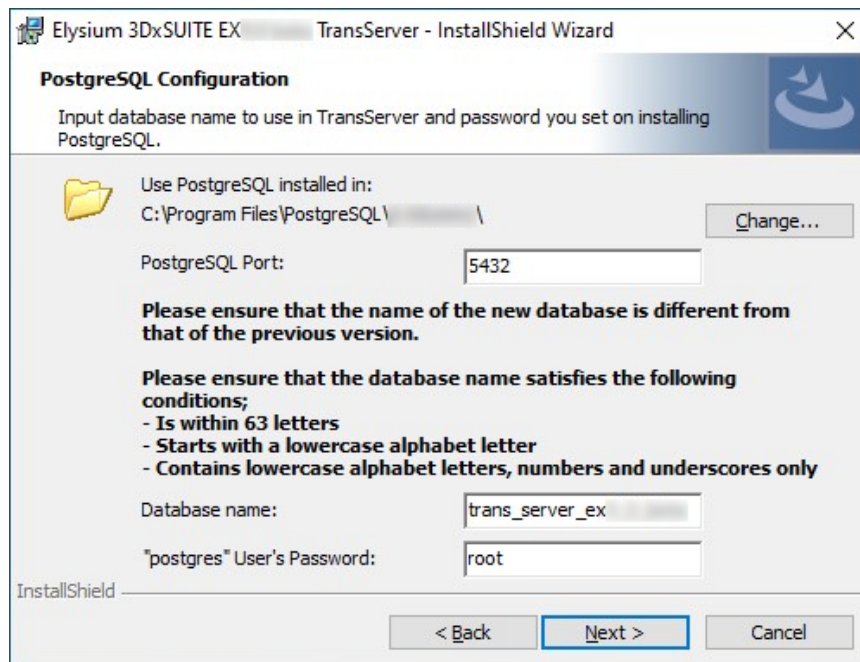
15. Specify a destination folder for Ruby and click [Next].



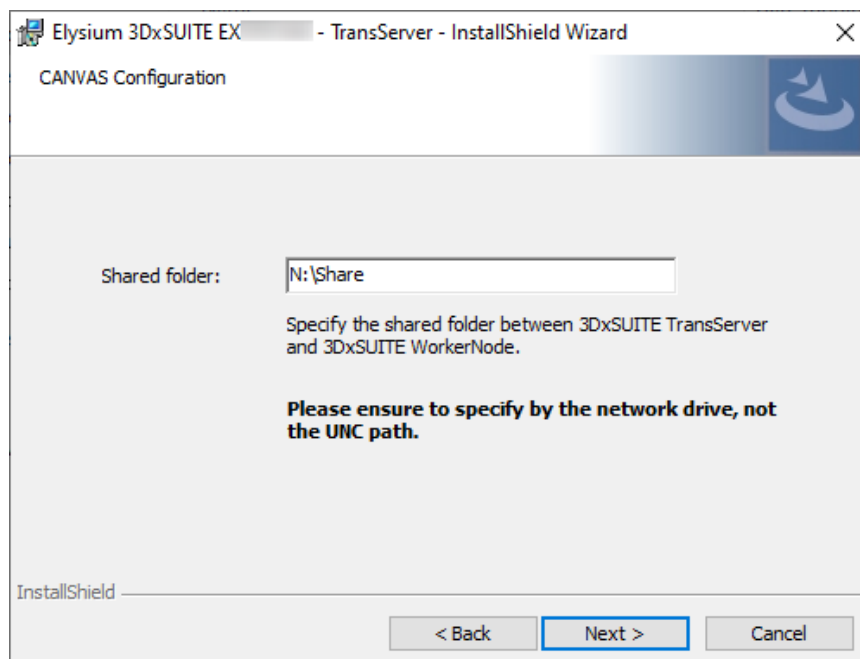
16. Specify "Host name" and "Port number" of Elysium License Server, and "Listen port" of TransServer. You should specify the same License Server as WorkerNode. Click [Next] once completed.



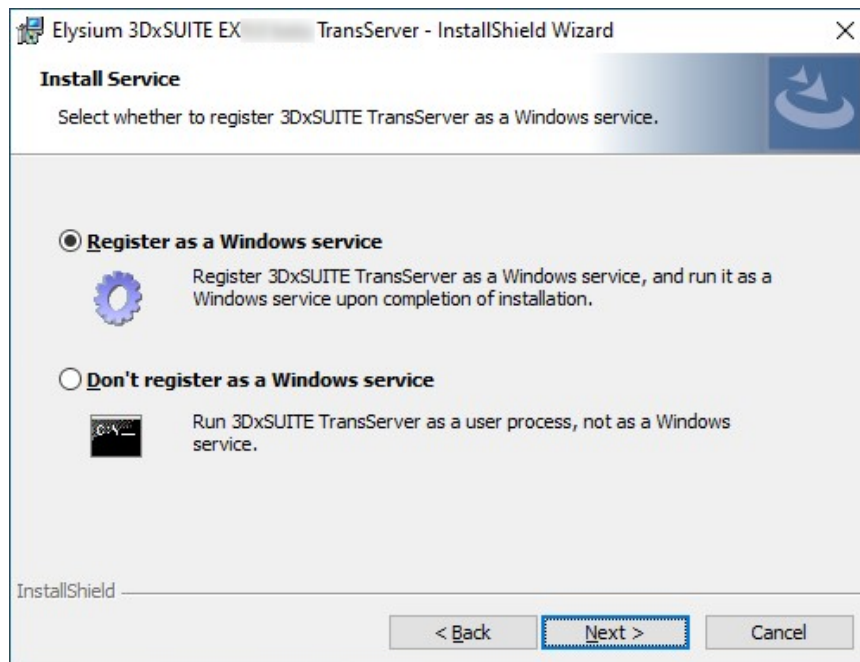
17. Enter the name of the database and the password you set in the installation of PostgreSQL. When installing PostgreSQL, if PostgreSQL port number has not changed from 5432, then no change is required. In the default setting, the string "trans_server_ex*_*_*" is entered as the database name (*_*_* is the version of PostgreSQL). You do not need to change this name as long as this is the first time installation. If not, and the previous database has not been deleted, enter a unique name that has not been used before.



18. Specify the "Shared Folder" that you have set at [Setup of Shared Folder](#).
(e.g., N:\share)



19. Select whether to register or not as Windows Service. If you select [Register as a Windows service], go to step 20. If you select [Don't Register as a Windows service], go to step 22.



When you register TransServer as Windows Service, it will automatically start when the computer is booted. Therefore, the user does not have to interactively log on to the computer and start it.

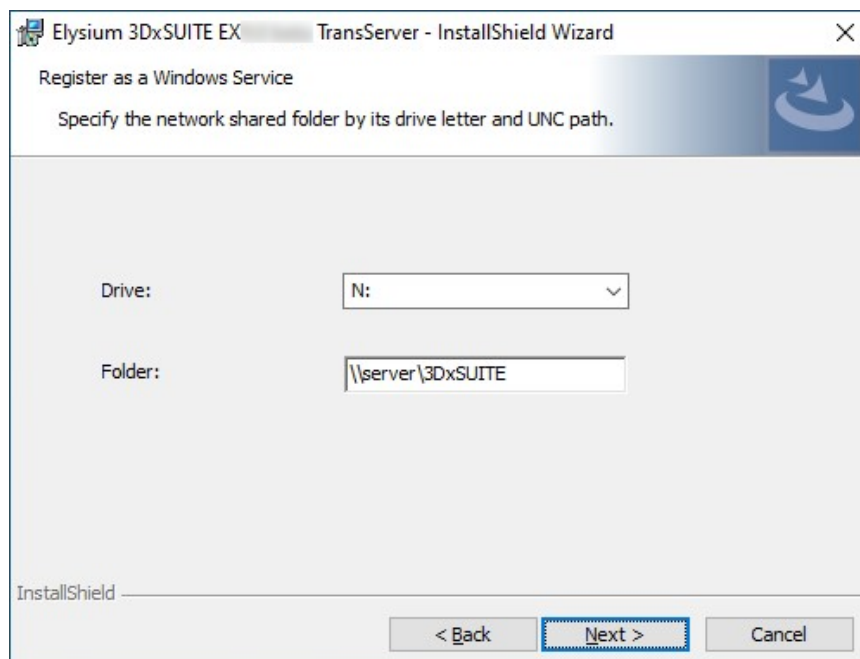
When you do not register TransServer as Windows Service, the processing information will be output to command prompt, so if an error occurs, you will have more information.



Usage example: Use the service for normal operation of TransServer, and when a problem occurs which needs to be investigated or tested temporarily, interactively start it.

Depending on the purpose of use and assumptions, select the appropriate method.

20. Set the same configurations as you have set at [Setup of Shared Folder](#) and click [Next].



Drive letter and network folder path specified above can be found with the "net use" command.

When running the command, you will see a list of network drives. Based on the settings in 9.1.1, "Prerequisite: Setup of Shared Folder", specify them in "Common configuration" dialog.



```

Microsoft Windows [Version 10.0.19044.1826]
(c) Microsoft Corporation. All rights reserved.

C:\Users\>net use
New connections will be remembered.

Status        Local        Remote              Network
-----
OK            N:          \\server1\3dxsuite  Microsoft Windows Network
The command completed successfully.

C:\Users\>

```

21. Enter the username and password of the user who has read and write permission on the specified shared folder, then click [Next]. When specifying a user registered in Active Directory, leave the input field at the bottom of the screen blank.

When installing in an environment without Active Directory or when using a user not registered in Active Directory, enable the option "Register a User in an environment without Active Directory", and enter the username and password of a user authorized to access the UNC path in the input field at the bottom of the screen.

Elysium 3DxSUITE EX TransServer - InstallShield Wizard

Register as a Windows Service

Specify the username and its password to connect to the UNC path.

Username: domain\user

Password:

Confirm password:

☒ Register a User in an environment without ActiveDirectory

The login password will be saved in the configuration files in clear text. Please ensure to set the access restrictions appropriately.

Username: domain\UNCuser

Password:

Confirm password:

InstallShield

< Back Next > Cancel

22. Click [Install], and the installation starts.

Elysium 3DxSUITE EX TransServer - InstallShield Wizard

Ready to Install the Program

The wizard is ready to begin installation.

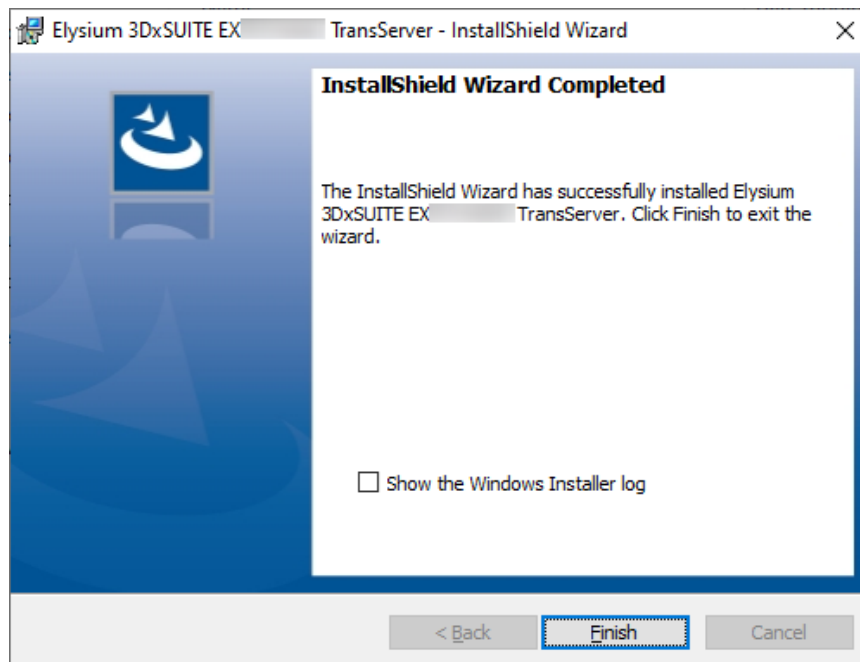
Click Install to begin the installation.

If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.

InstallShield

< Back Install Cancel

23. When the installation has been completed, the following dialog appears. Click [Finish].



24. If you register TransServer as Windows Service, open Windows Service to confirm "3DxSUITE EX9.1 TransServer Service". If you have confirmed that the service exists and is running, you have succeeded the installation.



- For the service list, press Windows key + [R] key at the same time. Enter "services.msc" in [Run] window and click [OK].
- TransServer may not be available even though the service is running. In that case, start Task Manager and confirm whether httpd.exe process is running.

25. Give "Full Control" permission on the installation folder of TransServer to the user who executes TransServer.
26. Follow the steps below to configure the WorkerNode.
- a. Start TransServer. Please refer to 8.4, "Launch" on how to start it.
 - b. Log in as the administrator and open [Administration] > [Services Monitor].
 - c. Click [Edit].
 - d. Click [Add].
 - e. Enter Host name and Port number of WorkerNode you will be adding and click [Save].



By specifying the "Reverse Port", you can specify the port of TransServer that receives the communication from WorkerNode. This field is optional. If not specified, the ephemeral port will be used.

27. Allow the communicate to TransServer through Windows Firewall.
- a. Press both [Windows] key and [R] key at the same time to start [Run].
 - b. In "Open" field, enter "control.exe /name Microsoft.WindowsFirewall", and click [OK].

- c. In the left pane, click "Allow an app or feature through Windows Defender Firewall."
- d. Click [Allow another app], and allow access for the following programs:
 - Ruby:
 - <Ruby installation folder>\rubies\ruby-2.7.6\bin\ruby.exe
 - (Default path: C:\ProgramData\Elysium\3DxSUITE\Ruby\2.7.6\rubies\ruby-2.7.6\bin\ruby.exe)
 - Apache HTTP Server:
 - <TransServer Installation Folder>\Apache\<Version>\Apache24\bin\httpd.exe
- e. Click [OK].



This step is not necessary if you have specified the reverse port in step 26. Instead, configure your firewall to allow access to the specified reverse port.

8.1.4. Installation of Multiple WorkerNodes

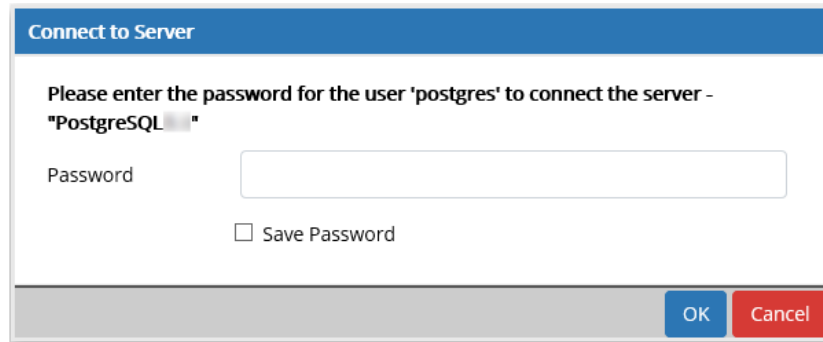
Please refer to [9.2.7, "Copy Configuration of Existing WorkerNode"](#) at the end of this document.

Adjust the maximum number of concurrent connections to PostgreSQL when you specify more than five WorkerNodes. Regarding the instruction on setting, please refer to "Configuring Max Concurrent Connections to Database" of "Manual for Administrator."

8.2. Upgrade Installation

8.2.1. Notes for Upgrading

- 3DxSUITE TransServer EX9.1 supports the upgrade from 3DxSUITE TransServer EX9.0.*. If you are currently using versions before EX9.0 (ASFALIS TransServer), upgrade to 3DxSUITE TransServer EX9.0 first, and then upgrade to 3DxSUITE TransServer EX9.1.
- When you perform an upgrade installation, all data and settings will be kept as they are.
- Upgrading does not affect the previous environment. However, just in case, make a backup of 3DxSUITE TransServer before upgrading. To make a backup, please refer to "6 Backup & Restore" of "Manual for Administrator."
- A password needs to be specified in the file "%APPDATA%\postgresql\pgpass.conf" in advance.
 1. Start pgAdmin 4. Select Windows [Start] > [PostgreSQL 12.*] > [pgAdmin 4].
 2. Double-click PostgreSQL 12.* (localhost: 5432, if installed by default settings) from the object browser. Enter the password and enable "Save Password" in "Connect to Server" dialog, and then click [OK].



If the password has already been saved, the "Connect to Server" dialog will not appear.

3. Close pgAdmin 4. You must close pgAdmin 4 before installing TransServer.
- Please ensure to stop ASFALIS TransServer or 3DxSUITE TransServer before performing an upgrade installation.
- When an earlier version of ASFALIS TransServer or 3DxSUITE TransServer is registered as service, stop ASFALIS TransServer / 3DxSUITE TransServer service and change its "Startup type" to "Manual" beforehand. This is to avoid multiple versions of ASFALIS TransServer or 3DxSUITE TransServer services from running in parallel. Follow the steps below:
 1. Press Windows key + [R] at the same time. Enter "services.msc" in [Run] window and click [OK].
 2. Stop "3DxSUITE EX9.1 TransServer Service".
 3. Open the property of "3DxSUITE EX9.1 TransServer Service" and change "Startup type" to "Manual".
 4. Click [OK] to close the property window.
 5. Perform upgrade installation.

8.2.2. Installation of TransServer

Install 3DxSUITE TransServer with the following steps.

1. Run the installer for TransServer.
 - Folder containing the installer: <3DxSUITE TransServer Package>\
 - Installer: Elysium_3DxSUITE_EX9.1_TransServer.exe
2. Follow the same steps as the fresh installation (not the upgrade) for the installation of Elysium 3DxSUITE Ruby and the screen transition of TransServer.
3. Specify the installation folder of TransServer in "Destination Folder" dialog as follows.

Install Elysium 3DxSUITE TransServer to

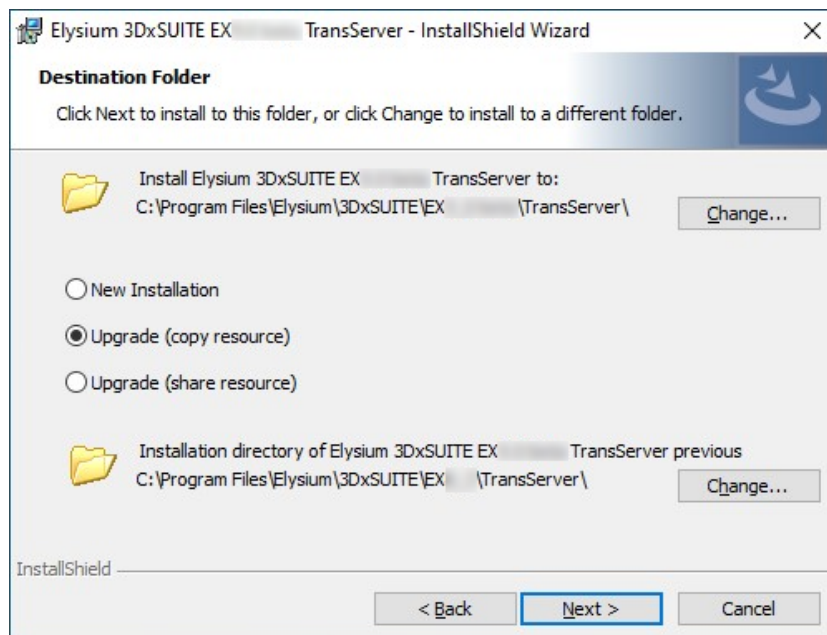
Specify the installation folder of TransServer. You can change the installation folder from the [Change] at upper right. Please ensure to specify a different folder from "Installation folder of Elysium 3DxSUITE TransServer previous version."

Installation folder of Elysium 3DxSUITE TransServer previous version

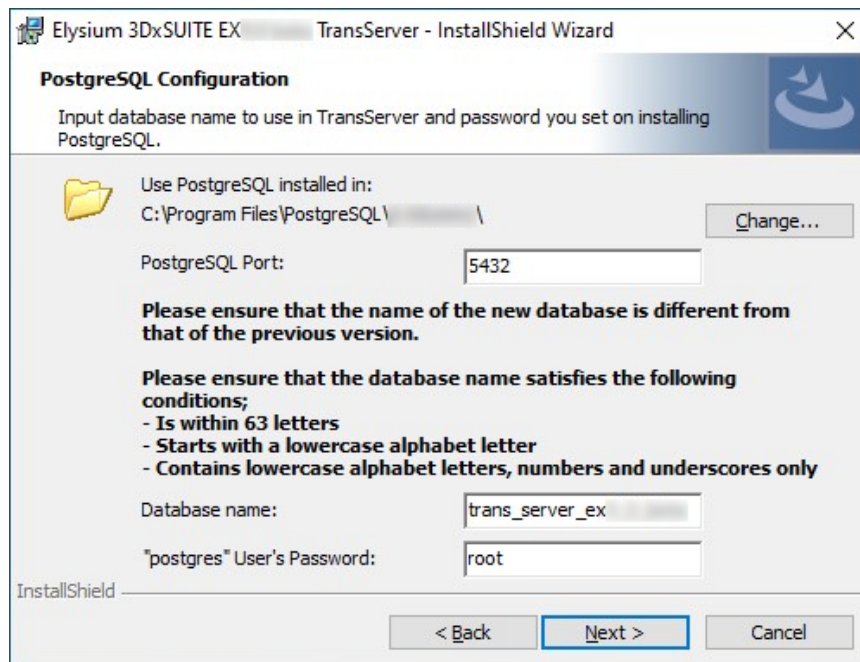
Specify the installation folder of previous version of TransServer. You can change the installation folder from the [Change] at bottom right.

Select the installation option from "Upgrade (copy resource)" or "Upgrade (share resource)."

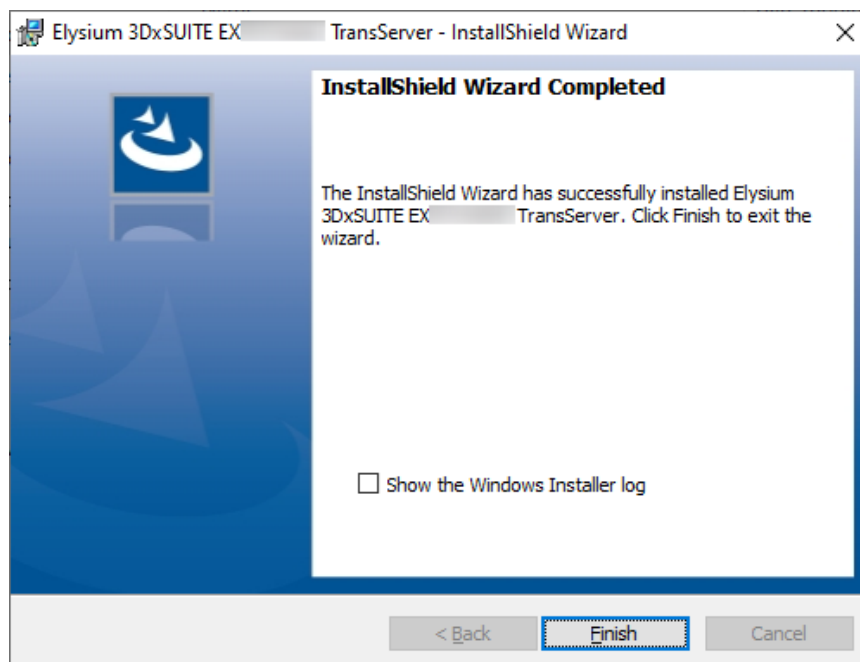
- Upgrade (copy resource): Copy the resource of the previous version and use as the resource of newly installed version.
- Upgrade (share resource): Share the resource of the previous version. Select this option in case the resource folder has been changed from the default setting due to the limitation of the free disk space.



4. Enter the name of the database and the password for PostgreSQL set at the installation in "PostgreSQL Configuration" dialog. The default value for Database name is trans_server_ex*_*. (*_* is the version number) When upgrading installation, please make sure to give a unique name which has never been used as the database name.



5. Follow the steps of the Wizard. When the installation has been completed, the following dialog will appear. Click [Finish] to close the dialog.



- Please ensure to enter the username and password of the user who has the write and read access to the shared folder when registering 3DxSUITE TransServer as Windows Service.
- When you do not have Active Directory environment, and you want to register TransServer as Windows Service, select "Don't register as a Window service" from the Wizard. Moreover, perform the service registration manually by following the instruction on 9.2.4, "[Register and Delete Windows Service](#)".



When you register TransServer as Windows Service, it will automatically start when the computer is booted. Therefore, the user does not have to interactively log on to the computer and start it.

When you do not register TransServer as Windows Service, the processing information will be output to command prompt, so if an error occurs, you will have more information.

Usage example: Use the service for normal operation of TransServer, and when a problem occurs which needs to be investigated or tested temporarily, interactively start it.

Depending on the purpose of use and assumptions, select the appropriate method.

6. If you register TransServer as Windows Service, open Windows Service to confirm "3DxSUITE EX9.1 TransServer Service". If you have confirmed that the service exists and is running, you have succeeded the installation.



- For the list of services, press Windows key + [R] key at the same time. Enter "services.msc" in [Run] window and click [OK].
- TransServer may not be available even though the service is running. In that case, start Task Manager and confirm whether httpd.exe process is running.

7. Give "Full Control" permission on the installation folder of TransServer to the user who executes TransServer.

8.2.3. Deletion of the Database

Follow the steps below on how to delete the old TransServer database after you have finished upgrading. Please note that this action is not mandatory.

1. Select Windows [Start] > [PostgreSQL 12] > [pgAdmin 4].
2. Double-click [PostgreSQL 12] (if default setting, select localhost: 5432) from the object browser, and enter the password for PostgreSQL set during installation in the "PostgreSQL Configuration" dialog. Open the database, right-click the database name which is by default trans_server_ex*_ (*_ is the version number), and select [Delete].

8.3. Settings after the Installation

8.3.1. How to Change the Number of Application Server Instances

Change the number of Application Server instance depending on the number of concurrent users. Please refer to "Tuning Application Server Management Settings" of "Manual for Administrator."

8.3.2. How to Change the Resource Folder

Change the resource folder depending on the free disk space.

1. Stop TransServer if it is running.
2. Execute the following file and start command prompt.
<3DxSUITE TransServer installation folder>\k2dashboard\start-console.bat
3. Execute the following command:

```
bundle exec rake ats:resources:copy RESOURCE_PATH=(the path to the resource folder)
```

4. Delete the resource folder which existed before the change.
5. Open the following file with text editor.
<3DxSUITE TransServer installation folder>\config\k2server.ini
6. Change the value of "PrivateResourcePath" in K2server section to "the path to the resource folder."(*)
7. Restart TransServer.

(*) The detail specified here will be necessary when upgrading the version; therefore, we urge you to keep a record somehow.



Please ensure to specify either the local drive path or UNC path as the resource folder. Avoid specifying a path which includes a network drive (e.g., N:\transserver\resources) because TransServer may not run properly.

8.3.3. How to Change the License Configuration

If the license server is changed, you need to change the configurations for TransServer and all WorkerNodes.

TransServer

1. Open the following file with text editor.
<3DxSUITE TransServer installation folder>\set_ruby_env.bat
2. Old values are written for "ELY_SEC_SERVER" and "ELY_SEC_PORT", so change them to the new hostname and the port number and overwrite the files.
3. Restart TransServer.

WorkerNodes

1. Open WorkerNode Setting dialog.
Menu: Start > [Elysium 3DxSUITE WorkerNode] > [Setup 3DxSUITE WorkerNode EX9.1]
2. Select a node from the node list and open [Common] tab. Enter Hostname and Port

number of the new license server. Then click [Apply].

3. Restart WorkerNodes.

TransServer and WorkerNode should refer to the same License Server.

8.3.4. How to Change the Shared Folder

If you want to change the path of the shared folder specified at the time of installation, follow the procedure below to change the setting. Please refer to [Setup of Shared Folder](#) for notes on setting the shared folder.

1. Stop TransServer if it is running.
2. Open the following file with a text editor.
`<3DxSUITE TransServer installation folder>\set_ruby_env.bat`
3. Edit the shared network folder path defined with the following:
`"@set SHARED_FOLDER="`
4. Save and close the text editor.
5. Start TransServer.

Go through the following steps as well if you have registered TransServer as Windows Service, and changed the network drive settings.

1. Stop TransServer service if it is running.
2. Open the following file with a text editor.
`<3DxSUITE TransServer installation folder>\config\k2server.ini`
3. Edit the network drive settings defined with the following:
`SharedFolderDriveLetter=`
`SharedFolderUncPath=`
4. Save and close the text editor.
5. Start TransServer service.

8.4. Launch

If you have registered TransServer as Windows Service:

TransServer Service will boot automatically when you turn on the computer.

If 3DxSUITE TransServer is started properly, "event with ID 0" will be recorded in the application event log. If a problem occurs while starting, "event with ID 818" or "event with ID 819" will be recorded.

If you have not registered 3DxSUITE TransServer as Windows Service:

Start 3DxSUITE TransServer.

Execute the menu [Elysium 3DxSUITE TransServer] > [Start 3DxSUITE TransServer EX9.1] in

the Start menu.

Then, following windows will open.

- TransServer
- Kloggr
- Apache
- k2scheduler
- Rails <number>



Please note that you cannot start TransServer from start menu when the TransServer service is already running.

8.4.1. Server Configurations

Open the following address in a web browser on a client computer and log in as Administrator.

Address	http:// <Machine name of TransServer>:<Port number(Default:3000)>
	(e.g.) http://server:3000
Default account	User Name: admin Password: admin

Select [Admin Menu] > [Server Configurations] and configure the following items suitable for your environment:

	Configuration Name	Description
1	system.default.timezone	Default Time Zone
2	web.common.server_base_address	Specify base URL of TransServer for users.
3	scheduler.error_mail.sender	Specify sender of notification message in case of job execution error.
4	scheduler.error_mail_recipient	Specify recipient of notification message in case of job execution error.
5	system.monitor.error_mail_recipient	Specify recipient of notification message in case of monitor error.
6	system.mail.smtp_server	Specify SMTP server FQDN to send messages.
7	system.mail.smtp_port	Specify SMTP port to send messages
8	system.mail.smtp_default_domain	Specify the default domain to send messages.

8.5. Exit

If you have registered TransServer as Windows Service

Stop TransServer service from Service List.

If 3DxSUITE TransServer is stopped properly, "event with ID 0" will be recorded in the application event log. If a problem occurs while stopping, "event with ID 818" or "event with ID 819" will be recorded.

If you have not registered 3DxSUITE TransServer as Windows Service

Execute the menu [Elysium 3DxSUITE TransServer] > [Stop 3DxSUITE TransServer EX9.1] in the Start menu.

8.6. Uninstallation

When you reinstall TransServer, you first need to back up the current setting of TransServer that is saved in the database, and then restore the setting to the new TransServer. Please refer to "Manual for Administrator" for details on backing up and restoring.

TransServer does not support silent uninstallation. Perform manual uninstallation.

1. Uninstall the following programs from "Programs and Features" in the Control Panel. Please ensure to stop TransServer beforehand. If it is registered as Windows Service, then stop from there.
 - i. Elysium 3DxSUITE TransServer
 - ii. Elysium 3DxSUITE Ruby
Do not uninstall Ruby if other 3DxSUITE products are still installed on the same computer and you are going to continue using them.
 - iii. PostgreSQL
Delete the database of TransServer instead of uninstalling PostgreSQL, if PostgreSQL is also used for applications other than TransServer. Please refer to [8.2.3, "Deletion of the Database"](#) for details on how to delete the database.
2. Delete the installation folder of the uninstalled program.

9. Elysium 3DxSUITE WorkerNode

Programs that need to be installed in advance

- [Components](#)

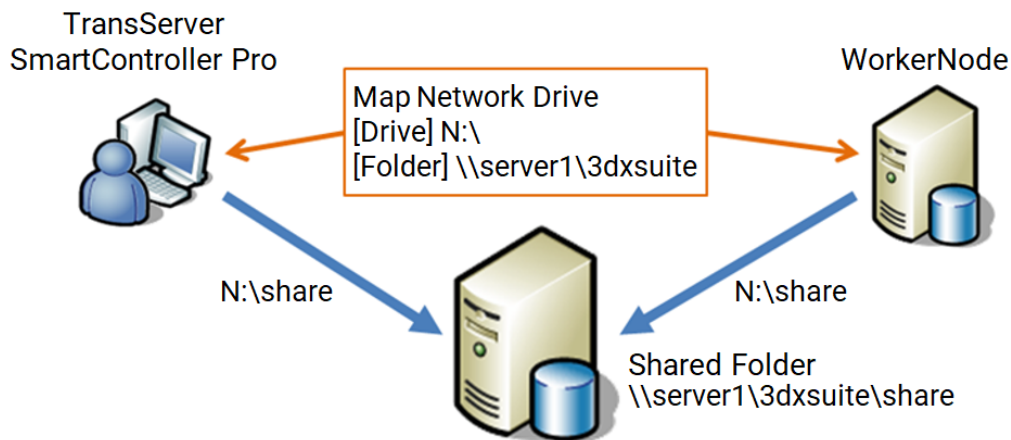
9.1. Installation

9.1.1. Prerequisite: Setup of Shared Folder

The computers where WorkerNode are installed and the client computers that use WorkerNode need to share one folder with the same file path (Ex. N:\share). This section will explain how to set up a folder (hereinafter referred to as "shared folder") that will be shared across the network on each computer.

Please note the following when you set a shared folder.

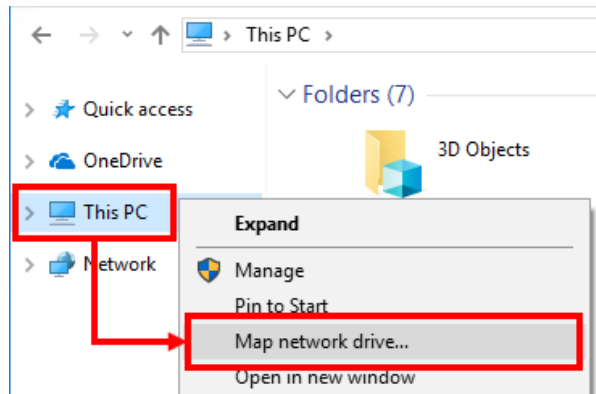
- A shared folder **needs to be assigned in a large-capacity drive** because the output folder and the work folder of data processing are created under the shared folder.
- UNC path (path which starts with "\\") **cannot be used** as the shared folder.



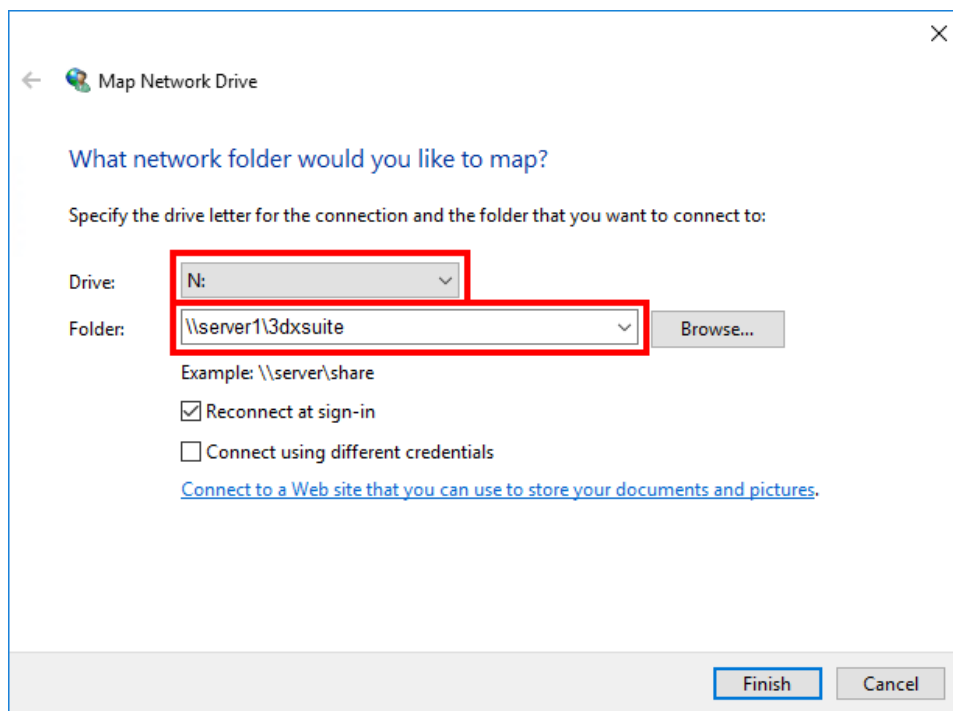
The folder "\\server1\3dxsuite\share" in the computer named "server1" is used as the shared folder in the above example. In this regard, change the path "\\server1\3dxsuite\share" to "N:\share" with assigning the folder "\\server1\3dxsuite" to N drive ("N:\") and use the path "N:\share" as the shared folder because UNC paths cannot be used as the shared folder.

How to assign a drive letter to UNC path

1. Right-click on "This PC" and select "Map network drive."



2. Select a drive letter from the pull-down menu, then enter UNC path in the Folder field and click [Finish].



Perform the above-mentioned setting to all the computers where WorkerNodes are installed and the computers that use WorkerNode.

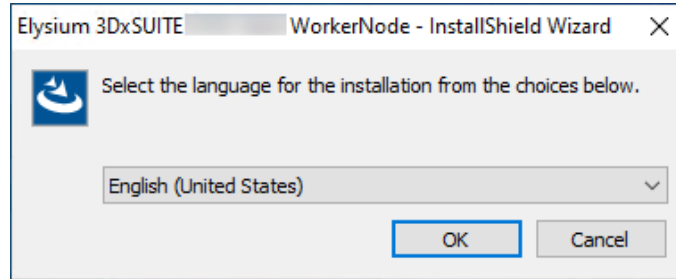
9.1.2. Manual Installation



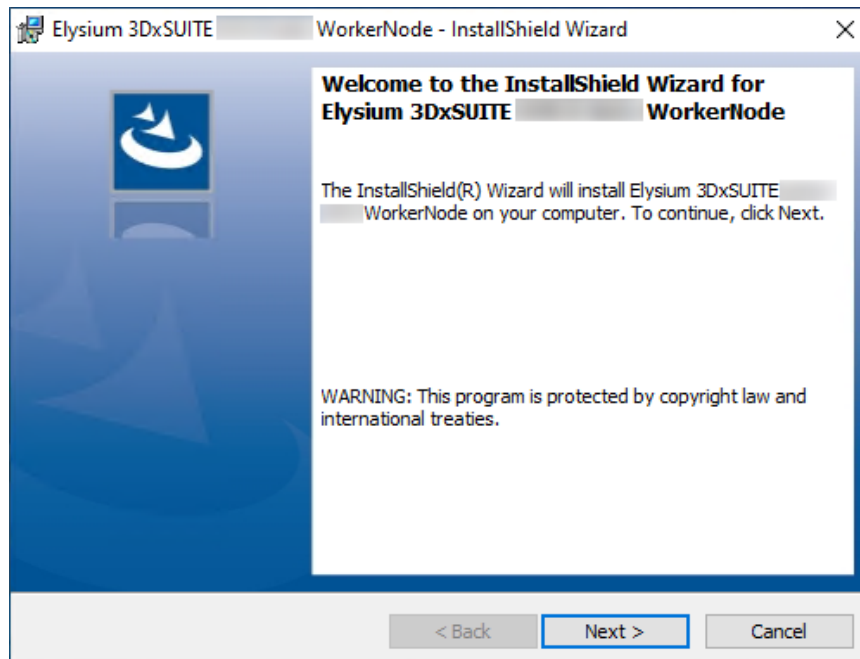
You need Administrator privileges to install Elysium products.
If the required program is not installed beforehand, execution will abort.

1. Run the installer for WorkerNode.
 - Folder containing the installer: <3DxSUITE WorkerNode Package>\
 - Installer: Elysium_3DxSUITE_EX9.1_WorkerNode.exe

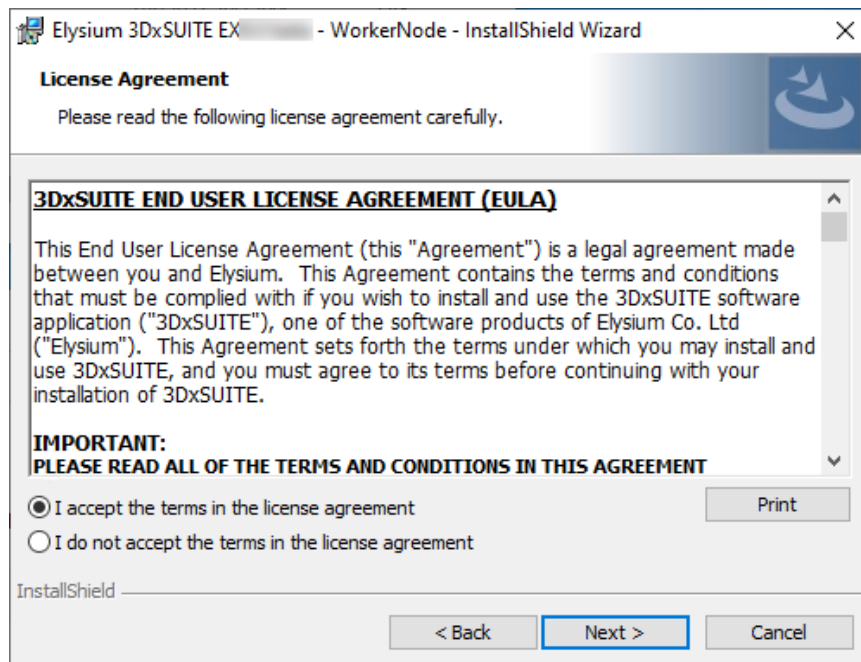
2. Select the language for the installation and click [OK]. Japanese and English are available.



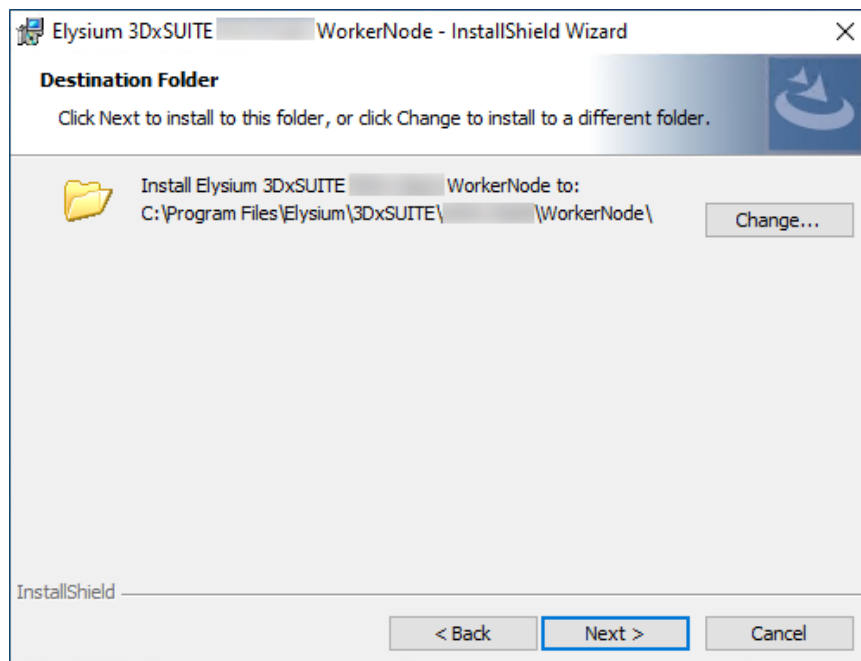
3. Installation Wizard starts. Click [Next].



4. Read through the license agreement carefully. Select "I accept the terms in the license agreement" if you agree, and then click [Next]. If you don't accept, you cannot continue the installation.

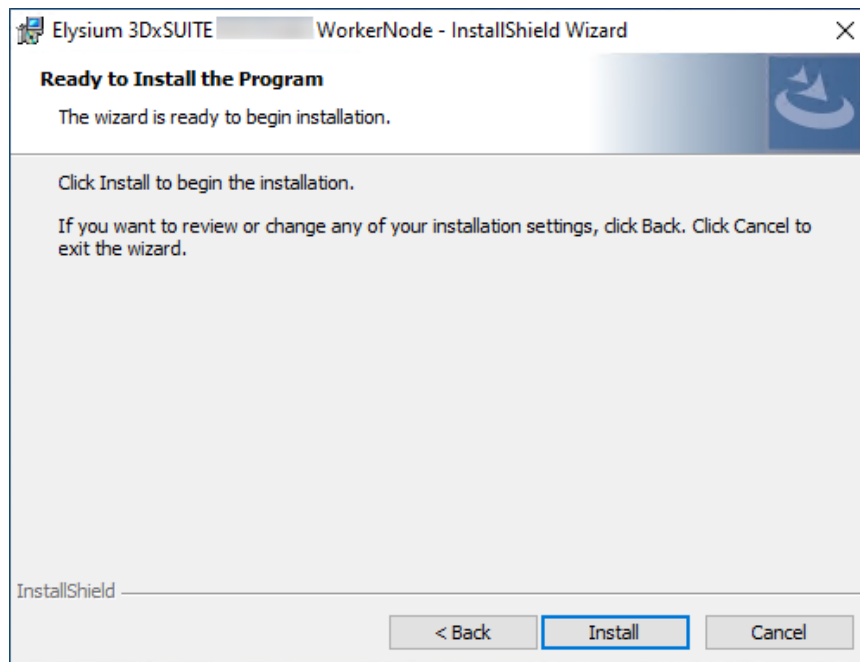


5. "Destination Folder" dialog will appear. To change the destination folder from default setting, click [Change] and specify the new destination folder. When the setting is finished, click [Next].

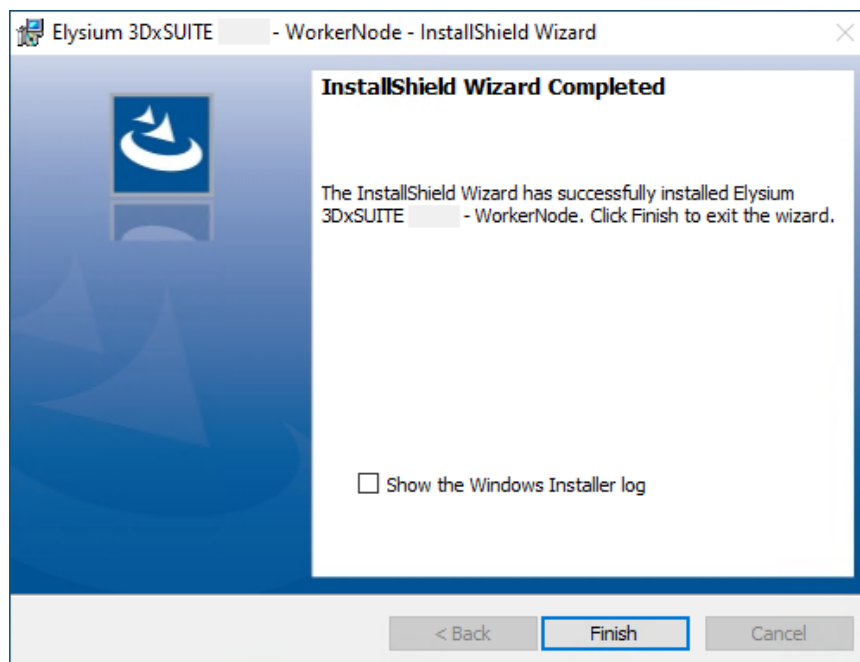


Please ensure that the destination folder path consists of ASCII characters only. If the folder path contains non-ASCII characters, the application may not work as expected.

6. Click [Install] to start the installation.



7. When the installation is completed, the following dialog will appear. Click [Finish] to finish the installer.



Please ensure that the host name resolution works bi-directionally between the computer on which SmartController Pro/TransServer are running and WorkerNode.

9.1.3. Silent Installation

By using the command, you can install or upgrade WorkerNode without GUI operations.

- Example of command

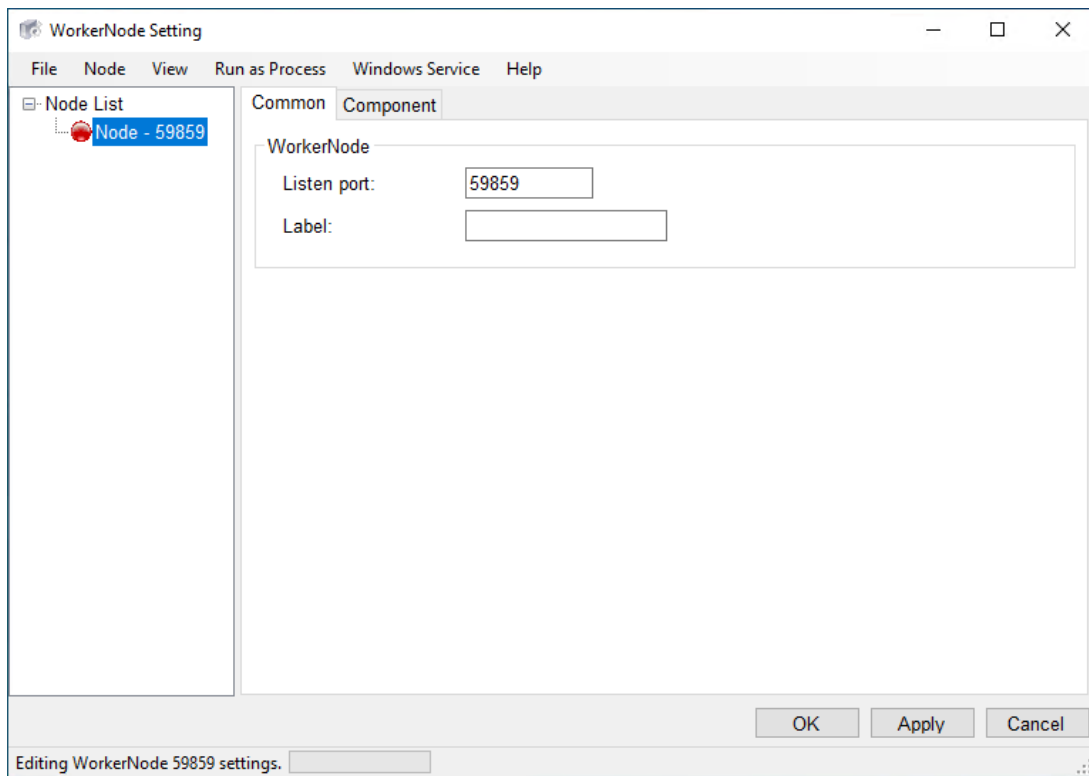
```
Elysium_3DxSUITE_EX9.1_WorkerNode.exe /s /v"/l* \"C:\temp\install.log\"
INSTALLDIR=\"C:\Program Files\Elysium\3DxSUITE\EX9.1\WorkerNode\" /qn"
```

This is a list of command arguments to pass to the installer when executing silent installation.

Command Argument	Description	Mandatory / Optional
/s	Execute installation or uninstallation in silent mode.	Mandatory
/v	Specify the following arguments in the form of /v"arg1 arg2 ...": <ul style="list-style-type: none"> • /l* "<Log file>" : Specify the log file path. A space is required between "/l *" and the filename. • INSTALLDIR="<Installation Folder>" : Specify the folder where you want to install. This can be specified only when installing. • /qn : Install or uninstall without displaying the dialog. • /qn+ : Dialog is displayed when installation or uninstallation is completed. 	Optional

9.2. Set up WorkerNode

From Windows start menu, select [Elysium 3DxSUITE WorkerNode] > [Setup 3DxSUITE WorkerNode EX9.1] and the following dialog will start. WorkerNode setting is done on this dialog.



Please refer to [9.2.7, “Copy Configuration of Existing WorkerNode”](#) for how to set up WorkerNode by copying the configuration of existing WorkerNode.

9.2.1. "Common Configuration" Dialog

Select [File] > [Common configuration] to display the "Common configuration" dialog.

In this dialog, you can set the following:

- **Elysium License Server**

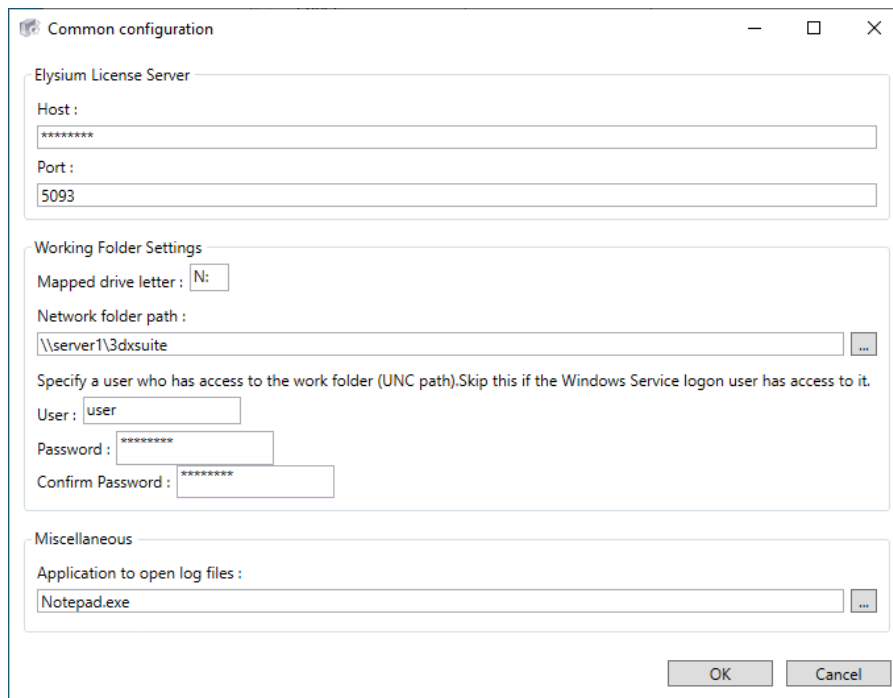
Specify Host name and Port number of the computer on which the license server is running.

- **Working Folder Settings**

Set the folder information to be shared between the computer which has WorkerNode installed and the computer which has SmartController Pro or TransServer installed. Specify the drive letter and network folder path based on the settings made in [9.1.1, “Prerequisite: Setup of Shared Folder”](#). If the user who starts the WorkerNode process or the user who executes the WorkerNode service can access the specified network folder path, the user name and password do not need to be specified.

- **Miscellaneous**

Specify the application to use when opening the log output by WorkerNode.



Common configuration

Elysium License Server

Host :

Port :

Working Folder Settings

Mapped drive letter :

Network folder path :

Specify a user who has access to the work folder (UNC path). Skip this if the Windows Service logon user has access to it.

User :

Password :

Confirm Password :

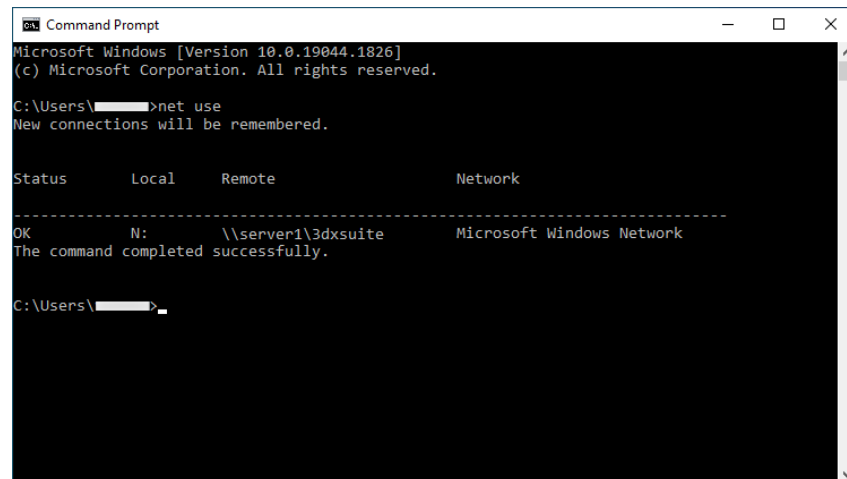
Miscellaneous

Application to open log files :

OK Cancel

Drive letter and network folder path specified in "Working Folder Settings" can be found with the "net use" command.

When running the command, you will see a list of network drives. Based on the settings in 9.1.1, "Prerequisite: Setup of Shared Folder", specify them in "Common configuration" dialog.

```

Microsoft Windows [Version 10.0.19044.1826]
(c) Microsoft Corporation. All rights reserved.

C:\Users\>net use
New connections will be remembered.

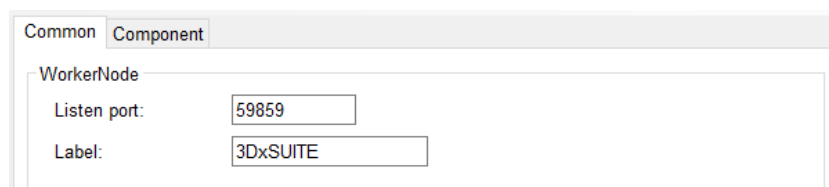
Status        Local        Remote              Network
-----
OK            N:          \\server1\3dxsuite  Microsoft Windows Network
The command completed successfully.

C:\Users\>

```

9.2.2. [Common] tab

On [Common] tab, you can set the following:



Common Component

WorkerNode

Listen port:

Label:

[WorkerNode]

- **Listen port**

Specify the port number to receive communication from the application using the WorkerNode. Please ensure to specify a port which is not used by other programs.

- **Label**

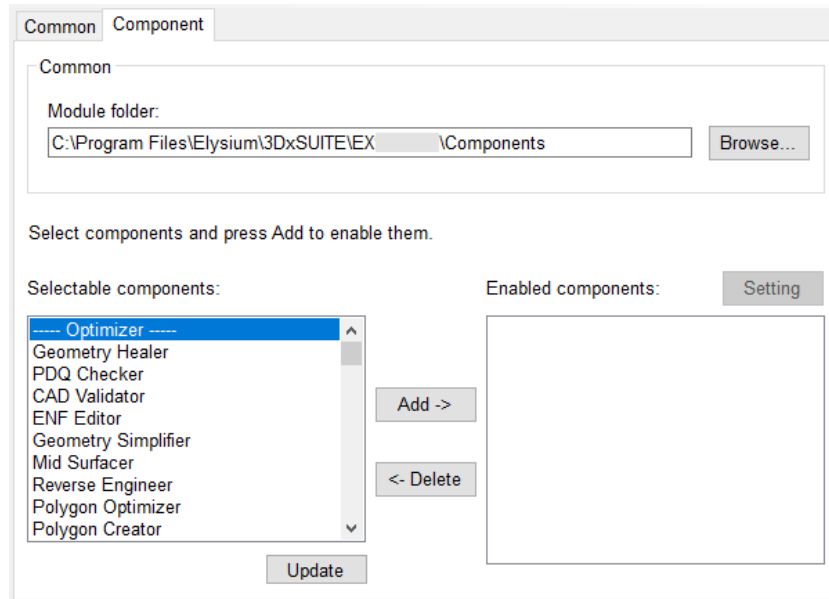
Specify a label to classify WorkerNodes into groups. WorkerNodes which have the same label will be regarded as being in the same group.

This is useful when you wish to assign a WorkerNode to use for a certain process. Specify a WorkerNode group by the label with a parameter "WorkerNodeLabel" for each Component, then the Component will be processed on one of WorkerNodes in the specified group.

You can skip this field when you do not need to classify WorkerNodes into groups.

9.2.3. [Component] tab

Set the information necessary to execute components, including activation of components to use, destination folders of CADs, and so on.



[Common settings]

- **Module folder**

Specify the folder where the Components used by WorkerNode are installed.

[Settings of enabled components]

- **Selectable components**

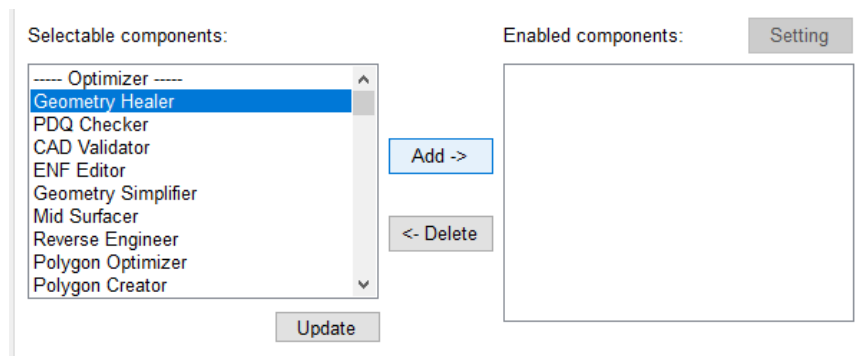
List of Components (CAD Adapter and optimized Components) which are selectable in this WorkerNode.

- **Enabled components**

Lists all Components which are available to run on that WorkerNode.

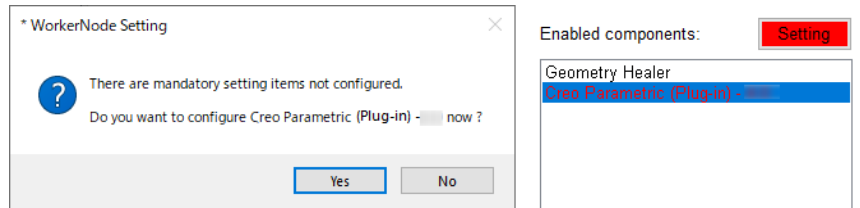
Add / Delete Components

1. Select the component you want to use in the list of "Selectable components," and click [Add].

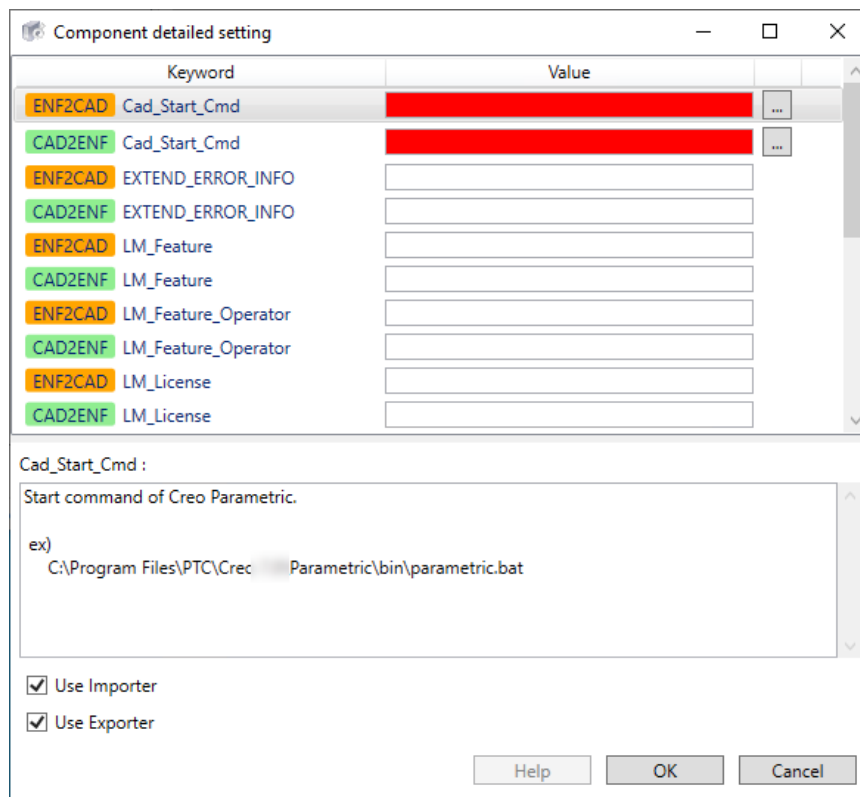


You must add "Geometry Healer" component.

2. When adding a Component which has required setting, the following dialog will appear. Click [Yes] to start the setting. Even if you click [No], you can configure the setting later by clicking [Setting] for the Component you want to use.



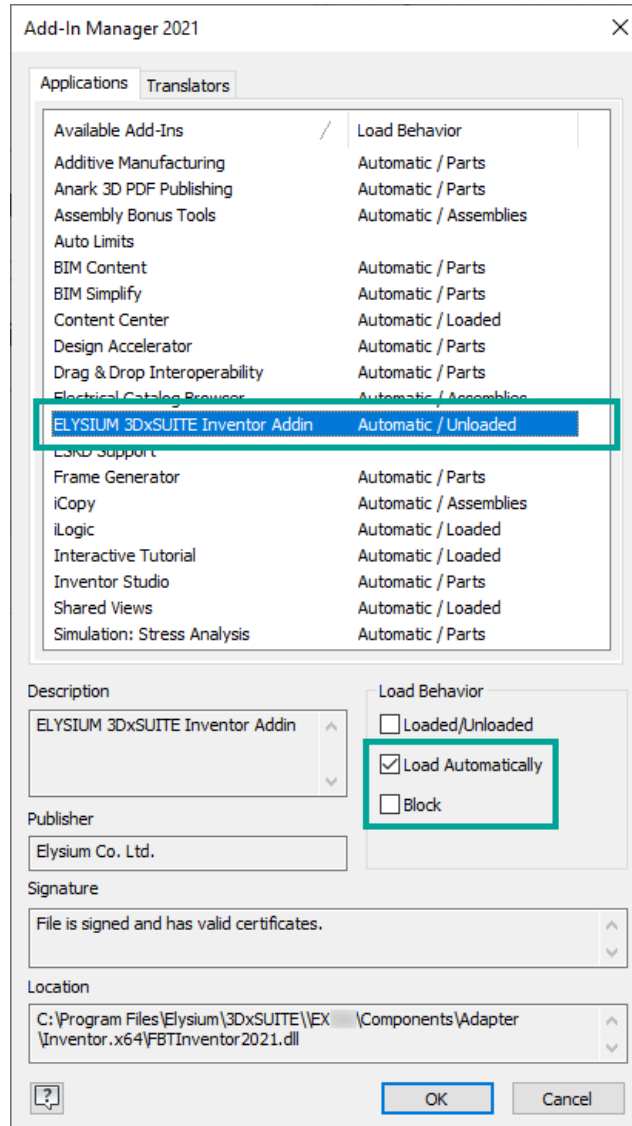
3. When you click [Yes] in step 2 or click [Setting] later, "Component detailed setting" dialog will appear. Set the required parameters including destination folders of CAD or boot programs (the background of the value column is colored red), and the optional parameters including template files or the timeout in getting licenses.



The settings in "Component detailed setting" dialog synchronizes with 3DxSUITE Setting Utility. When making any changes, select the appropriate settings taking into consideration the usage situation, etc.

4. Click [OK], and the setting is finished.

When using Inventor Adapter, you must select [Tool] tab > [Add-Ins] to launch the Add-In Manager, and disable "Block" in the Load Behavior for "Elysium 3DxSUITE Inventor Addin" in Inventor.



9.2.4. Register and Delete Windows Service

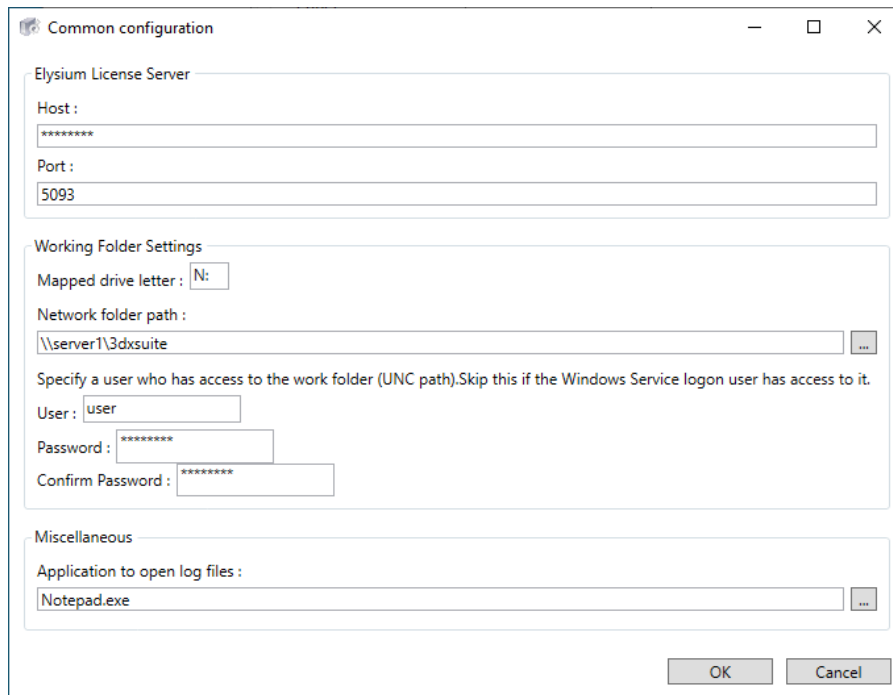
WorkerNode can be registered and started as a Windows service. When registered, WorkerNode will automatically start when the computer starts, so the user is not required to interactively log in and start.

To register or delete the Windows service, follow the below steps.

Register Windows Service

1. Select [Windows Service] > [Register] from the menu.
2. A dialog will appear. Enter the user name and password of the service execution user.
3. When "User Account Control" warning dialog appears, click [Yes] to execute.
4. Confirm the displayed dialog which indicates a successful registration of service.

5. Select [File] > [Common Configuration] from the menu.
6. Set Host name and Port number of the license server used by each Component in "Elysium License Server."
7. Enter the drive letter and network folder path (the same content that you specified in [9.1.1, "Prerequisite: Setup of Shared Folder"](#)) in "Working Folder Settings". Also, if the user who is running the service configured in step 2 does not have permission to access this path, enter the user name and password of the user who has access right.
8. Click [OK] to save the settings.



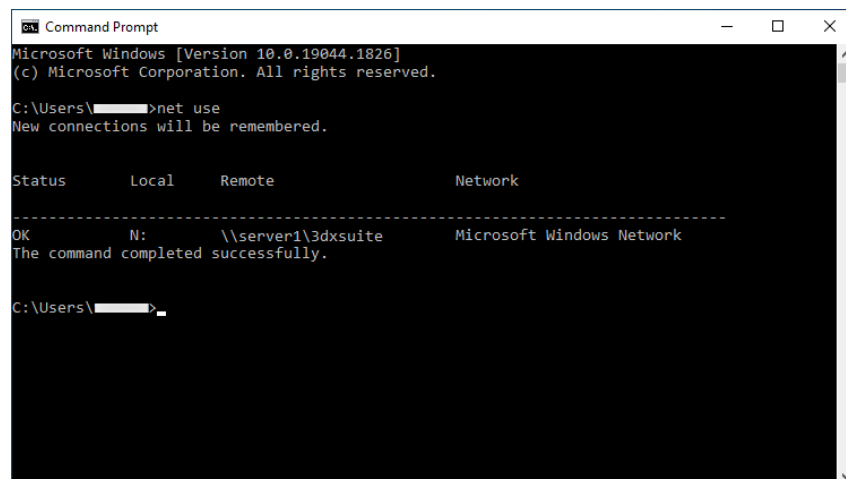
The "Common configuration" dialog box is shown with the following fields:

- Elysium License Server**
 - Host : [*****]
 - Port : [5093]
- Working Folder Settings**
 - Mapped drive letter : [N:]
 - Network folder path : [\\server1\3dxsuite] ...
 - Specify a user who has access to the work folder (UNC path). Skip this if the Windows Service logon user has access to it.
 - User : [user]
 - Password : [*****]
 - Confirm Password : [*****]
- Miscellaneous**
 - Application to open log files : [Notepad.exe] ...

Buttons: OK, Cancel

Drive letter and network folder path specified in "Working Folder Settings" can be found with the "net use" command.

When running the command, you will see a list of network drives. Based on the settings in [9.1.1, "Prerequisite: Setup of Shared Folder"](#), specify them in "Common configuration" dialog.

```

Microsoft Windows [Version 10.0.19044.1826]
(c) Microsoft Corporation. All rights reserved.

C:\Users\>net use
New connections will be remembered.

Status        Local        Remote              Network
-----
OK            N:          \\server1\3dxsuite  Microsoft Windows Network
The command completed successfully.

C:\Users\>

```

Some of the Components are not capable of running on WorkerNode that is running as a service. Non-supported components should be executed on WorkerNode that are not registered as Windows Service. At this point, the following is the 3DxSUITE component availability on WorkerNode registered as Windows service.

Component Name	Availability
CATIA V5(Plug-in)	Yes
CATIA V5(standalone)	Yes
3DEXPERIENCE	3DEXPERIENCE to ENF: Yes ENF to 3DEXPERIENCE: No
CATIA V4	Yes
NX(Plug-in)	Yes
NX(standalone)	Yes
Creo Parametric(Plug-in)	Yes
Creo Parametric(standalone)	Yes
NX I-deas	No
SOLIDWORKS	No
Creo Elements/Direct Modeling	Yes
Autodesk Inventor	Yes
CADmeister(standalone)	Yes
iCAD	Yes
Solid Edge	Yes
Parasolid	Yes
ACIS	Yes
STEP	Yes
JT	Yes
QIF	Yes
3DXML	Yes
IGES	Yes
STEP AP242 BOM	Yes

Component Name	Availability
PLM XML	Yes
XPDMXML	Yes
3D PDF	Yes
XVL	Yes
Creo View	Yes
STL	Yes
OBJ	Yes
VRML	Yes
Nastran	Yes
Point Cloud	Yes
Healing	Yes
PDQ Checker	Yes
Geometry Simplifier	Yes
CAD Validator	Yes
ENF Polygon	Yes
Polygon Optimizer	Yes
ENF Editor	Yes



Whether the custom component can operate as a service depends on the service support of the executable or batch file called from the custom component.

Delete Windows Service

1. Select [Windows Service] > [Delete] from the menu.
2. When "User Account Control" warning dialog appears, click [Yes] to execute.
3. Confirm the displayed dialog which indicates a successful deletion of service.



When you register WorkerNode as Windows service, it will automatically start when the computer is booted. Therefore, the user does not have to interactively log on to the computer and start it.

When you don't register WorkerNode as Windows service, the processing information will be output to command prompt, so if an error occurs, you will have more information.

Usage example: Use the service for normal operation of WorkerNode, and when a problem occurs which needs to be investigated or tested temporarily, interactively start it.

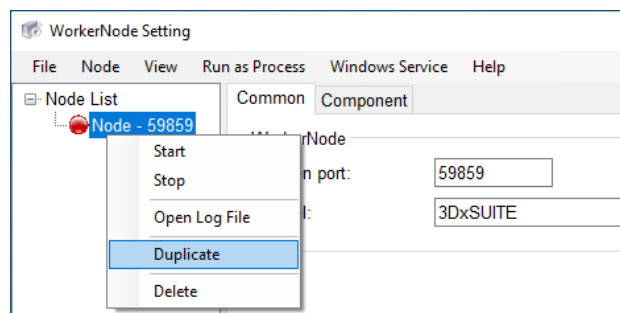
Depending on the purpose of use and assumptions, select the appropriate method.

9.2.5. Set Up more than One WorkerNode

More than one node with different settings can be set in WorkerNode Setting.

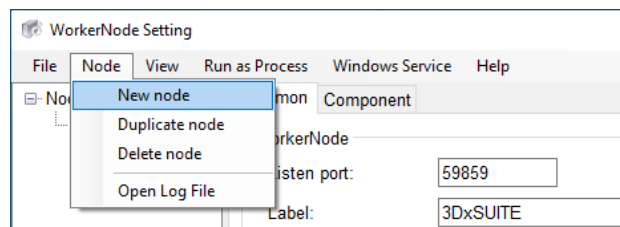
Duplicate existing node

One node can perform only one processing at once. If you have more than one license (Elysium license and CAD license) for the same component, utilize your licenses by setting more than one node with the same settings.



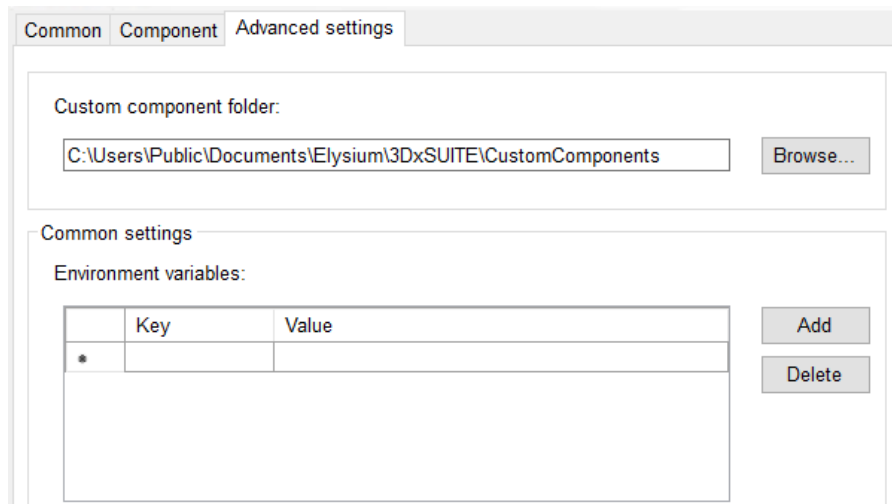
Add new node

Add new nodes in case you want to create nodes which have completely different components from existing nodes, such as creating a dedicated node for a specific CAD.



9.2.6. Advanced Settings

Enable the checkbox of [View] > [Show Advanced Setting] to show [Advanced settings] tab. Specify the environment variables which will be used only for 3DxSUITE WorkerNode, and so on.



[Custom component]

- **Custom component folder**

This is the folder to add modules of external (non-3DxSUITE) components.

[Common settings]

- **Environment variables**

This is to specify the environment variables which will be used for WorkerNode. The value specified in this section will be effective only for WorkerNode.

9.2.7. Copy Configuration of Existing WorkerNode

WorkerNode can also be set up by copying the configuration of an existing WorkerNode as follows.

1. From Windows start menu, select [Elysium 3DxSUITE WorkerNode] > [Setup 3DxSUITE WorkerNode EX9.1].
2. Select [File] > [Import] in the "WorkerNode Setting" dialog.
3. Select the configuration file of an existing WorkerNode (stored at the path below), and click [Open] in the dialog.
 - %Public%\Documents\Elysium\3DxSUITE\Config\WorkerNode\ServiceConfig.xml
4. Confirm in the "WorkerNode Setting" dialog that all the fields are filled for your needs, and then click [OK] to start importing the settings.
5. Once the import is completed, click [Apply] in the dialog.

9.3. Start and Stop

The method of starting and stopping WorkerNode differs depending on whether you run it as [Normal Process](#) or [Windows Service](#).



Please ensure that WorkerNode running as a Windows service and WorkerNode running as a normal process do not coexist on the same computer.



When adding or changing a node while WorkerNode is running as a Windows service, stop the service, change settings from [Node Settings], and start the service again.



If WorkerNode is running as a normal process, do not start the Windows service of WorkerNode. By default, WorkerNode service automatically starts when the computer is started. Disable automatic start of the Windows service of WorkerNode if necessary.

When adding a node or changing settings when executing as a normal process, stop the node, change the settings from [WorkerNode Settings], and start the node again.

Start as Normal Process

There are three ways to start / stop WorkerNode as a normal process.

[Start / Stop from Program menu]

Start:

From Windows start menu, select [Elysium 3DxSUITE WorkerNode] > [Start 3DxSUITE WorkerNode EX9.1].

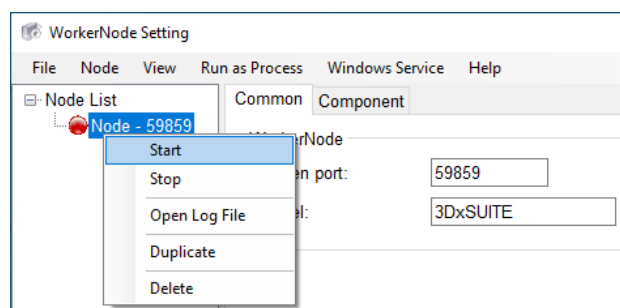
Stop:

Press [×] button at the top right of the window to close the command prompt whose name begins with "3DxSUITE-..."

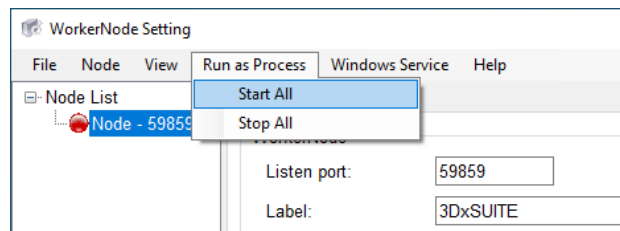
[Start/Stop from WorkerNode Setting dialog]

Start:

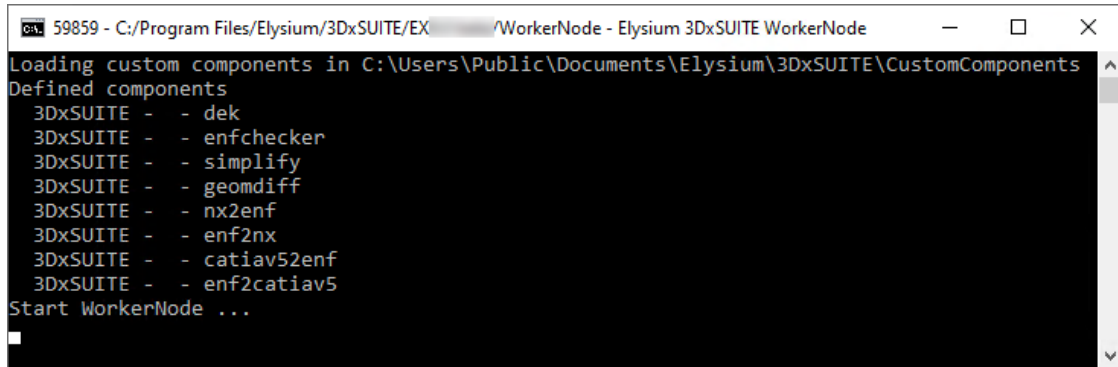
Right-click the node you want to start, and select [Start] from the context menu.



Select [Run as Process] > [Start All].



When the booting of WorkerNode succeeds, the following window appears.



Stop:

Right-click the node you want to stop, and select [Stop] from the context menu. Select [Run as Process] > [Stop All].

[Start/Stop from the Command Line Interface]

Start / stop WorkerNodes by using the command line interface.

Execute "<3DxSUITE Installation Folder>\EX9.1\WorkerNode\bin\WorkerLauncher.exe"

specifying arguments as follows. For further information, execute "WorkerLauncher.exe /?."

```
> WorkerLauncher.exe /?
```

Below are the command examples to start / stop WorkerNode.

- Starting / Stopping All the WorkerNodes Together

Start:

Specify an argument "/Mode=start" to start all WorkerNodes

```
> WorkerLauncher.exe /Mode=start
```

Stop:

Specify an argument "/Mode=stop" to stop all WorkerNodes

```
> WorkerLauncher.exe /Mode=stop
```

- Starting / stopping WorkerNode at Specified Port

Start:

Specify the arguments `"/Mode=start"` and `"/ListenPort={Port number}"` to start WorkerNode using the specified port number only.

```
> WorkerLauncher.exe /Mode=start /ListenPort={Port number (*)}
```

Stop:

Specify the arguments `"/Mode=stop"` and `"/ListenPort={Port number}"` to stop WorkerNode using the specified port number only.

```
> WorkerLauncher.exe /Mode=stop /ListenPort={Port number (*)}
```

(*) Specify the WorkerNode to start/stop by the port number.

(e.g.) Specify the following arguments to start WorkerNode at port number 59859.

```
> WorkerLauncher.exe /Mode=start /ListenPort=59859
```

Start as Windows Service

Use the following procedure to start and stop the service.

a. Start Windows Service

1. From WorkerNode Setting menu, select [Windows Service] > [Run].
2. When "User Account Control" warning dialog appears, click [Yes] to execute.
3. Confirm the displayed dialog which indicates that the service started successfully.

b. Stop Windows Service

1. From WorkerNode Setting menu, select [Windows Service] > [Stop].
2. When "User Account Control" warning dialog appears, click [Yes] to execute.
3. Confirm the displayed dialog which indicates that the service stopped successfully.



WorkerNode can only be started as Windows service if all ports configured to each node are available. Please note that if any port is used by WorkerNode started as a normal process or another application, the Windows service will fail to start

9.4. Uninstallation

9.4.1. Manual Uninstallation

1. From Windows start menu, select [Settings](Gear mark).

2. Then select [Apps].
3. From the list of applications displayed in "Apps & features", select "Elysium 3DxSUITE EX9.1 - WorkerNode" to uninstall.

9.4.2. Silent Uninstallation

Silent uninstallation can be performed by a command. The installer for the version you are currently using will be required.

- Example of command

```
Elysium_3DxSUITE_EX9.1_WorkerNode.exe /s /x /v"/l* \"C:\temp\uninstall.log\"  
/qn"
```

This is a list of command arguments to pass to the installer when executing silent uninstallation.

Command Argument	Description	Mandatory / Optional
/s	Execute installation or uninstallation in silent mode.	Mandatory
/x	Execute uninstallation.	Mandatory
/v	Specify the following arguments in the form of /v"arg1 arg2 ...": <ul style="list-style-type: none">• /l* \"<Log file>\" : Specify the log file path. A space is required between "/l *" and the filename.• /qn : Install or uninstall without displaying the dialog.• /qn+ : Dialog is displayed when installation or uninstallation is completed.	Optional

9.5. Notes

9.5.1. User Type to Run WorkerNode

Please ensure to run WorkerNode as a user with administrative privileges.

9.5.2. How to Check the Status of WorkerNode

Run the following command to check the status of corresponding WorkerNode, and it will return a value as shown below. (Replace <port number> by the actual port number which

WorkerNode uses.)

- <3DxSUITE Installation Folder>\EX9.1\WorkerNode\bin\check-worker-node-status.bat <port number>

Return value

- "0" when WorkerNode is running
- "1" when WorkerNode is not running

Examples

- a. WorkerNode on port number 59859 is running

```
>C:\Program Files\ELYSIUM\3DxSUITE\EX9.1\WorkerNode\bin\check-worker-node-  
status.bat 59859  
>echo %ERRORLEVEL%  
>0
```

- b. WorkerNode on port number 59860 is not running

```
>C:\Program Files\ELYSIUM\3DxSUITE\EX9.1\WorkerNode\bin\check-worker-node-  
status.bat 59860  
>echo %ERRORLEVEL%  
>1
```

9.5.3. About WorkerNode Logs

Operation logs of WorkerNode is output to the following folder. If there is a problem with the operation, refer to the log output in this folder to confirm the processing status:

```
%PUBLIC%\Documents\Elysium\3DxSUITE\Config\WorkerNode\EX9.1\log
```

10. Elysium 3DxSUITE ScenarioEditor

Programs that need to be installed in advance

- n/a

10.1. Installation



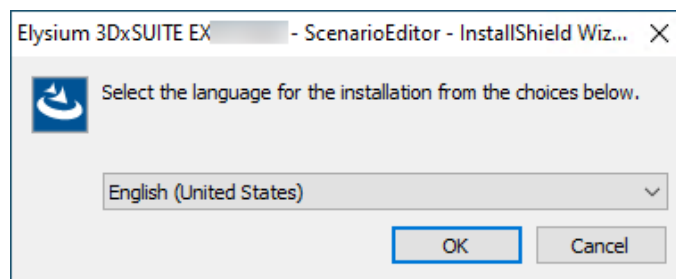
You need Administrator privileges to install Elysium products.



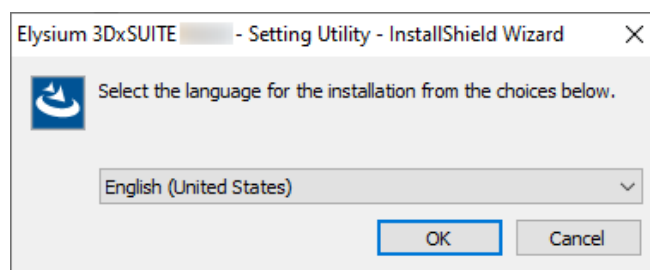
Please note that when installing Components by using "Elysium_3DxSUITE_EX9.1_Components.exe", ScenarioEditor can also be installed at the same time. If ScenarioEditor is being installed at the same time as Components, then you do not need to install ScenarioEditor separately.

10.1.1. Manual Installation

1. Run the installer of ScenarioEditor.
 - Folder containing the installer: <3DxSUITE Components Package>\ScenarioEditor\
 - Installer: Elysium_3DxSUITE_EX9.1_ScenarioEditor.exe
2. Select the language for the installation and click [OK].

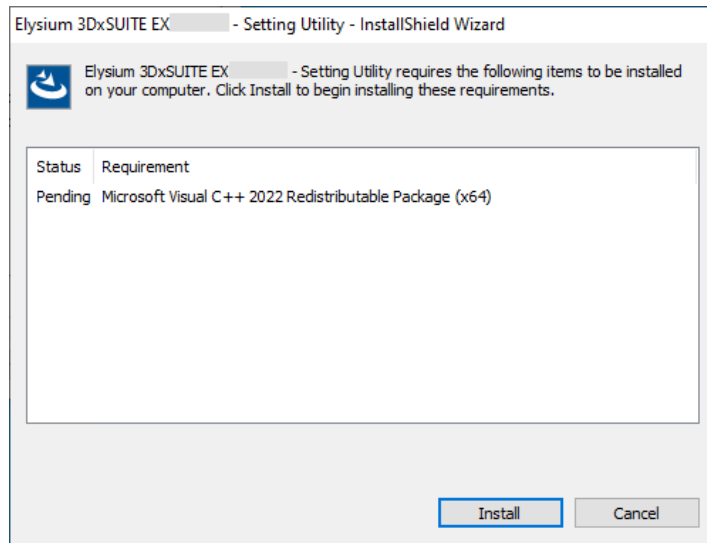


3. If Setting Utility is not installed, the Setting Utility installer will start. Follow the steps below to perform the installation. If Setting Utility is already installed, skip to the step after installing Setting Utility.
 - a. Select which language to use when installing, and click [OK].

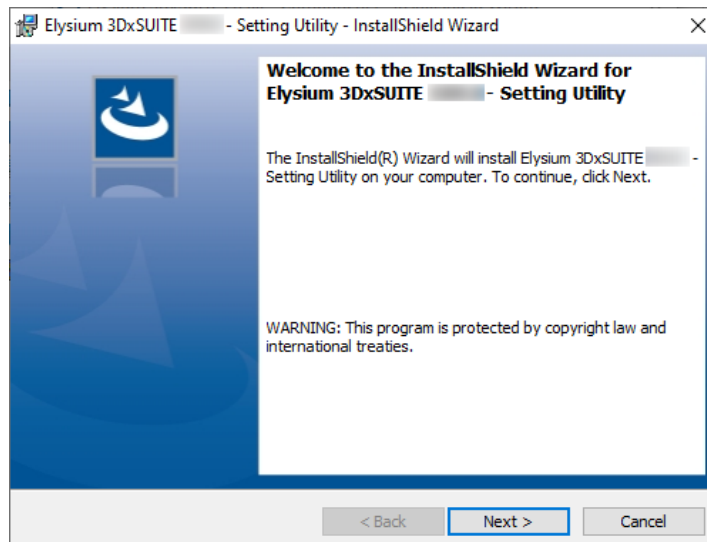


- b. If above dialog is displayed, click [Install] to start the installation. If 3DxSUITE Setting

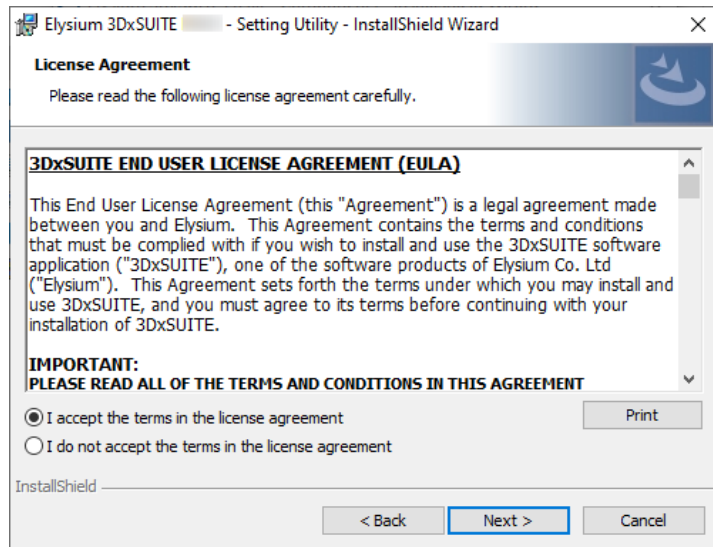
Utility is already installed, this dialog will not appear.



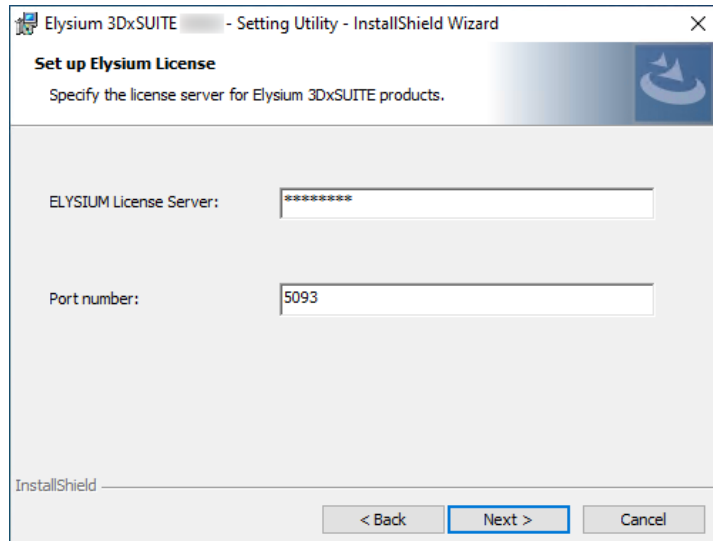
c. Installation Wizard starts. Click [Next].



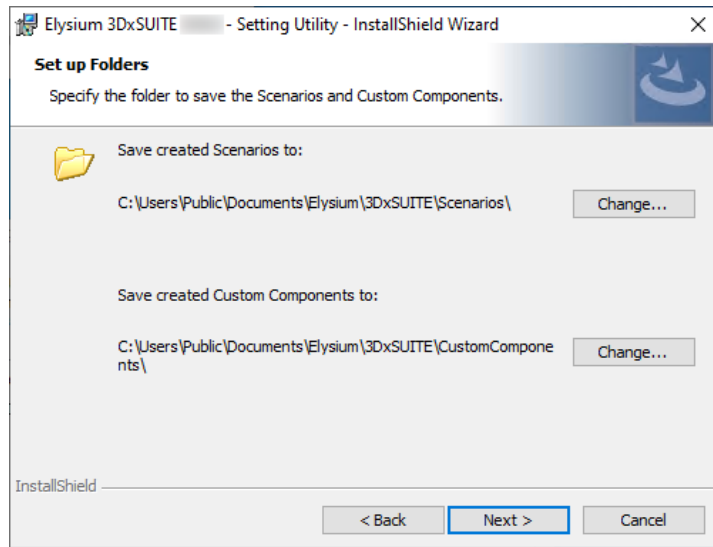
d. Select "I accept the terms in the license agreement" if you accept the license agreement and click [Next]. If you don't accept, you cannot continue the installation.



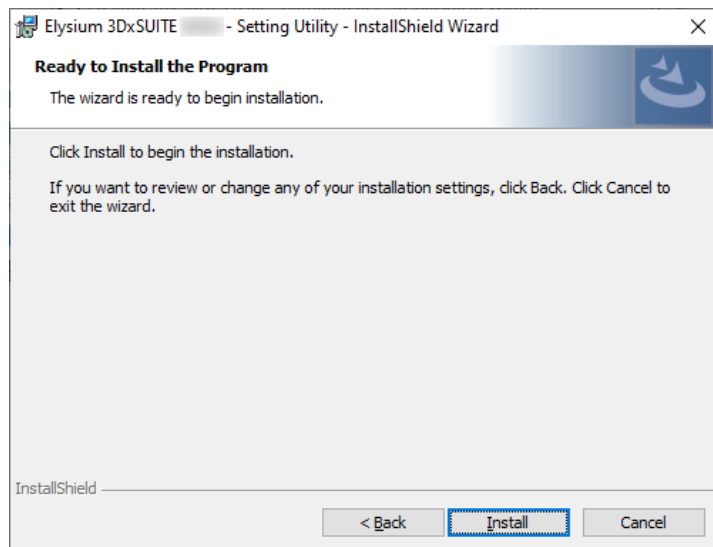
- e. "Set up Elysium License" dialog will appear. Enter Host name of the computer where you installed Sentinel RMS License Manager, and if necessary, change Port number. And then click [Next].



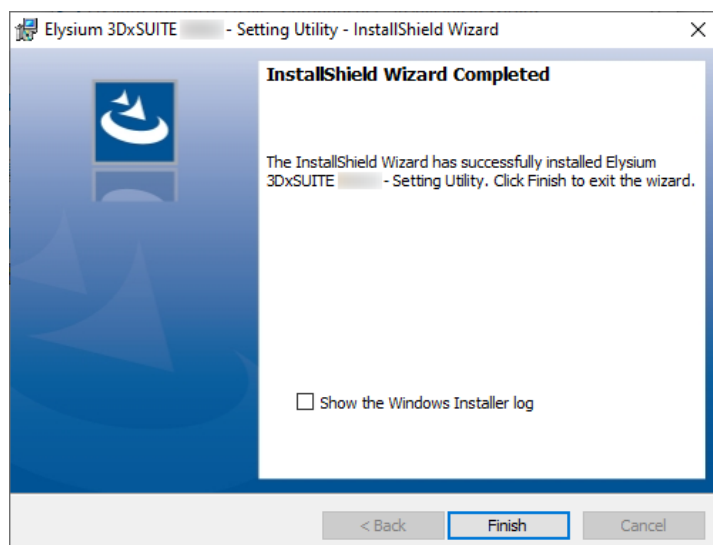
- f. "Set up Folders" dialog will appear. Change the folder path if necessary, and then click [Next].



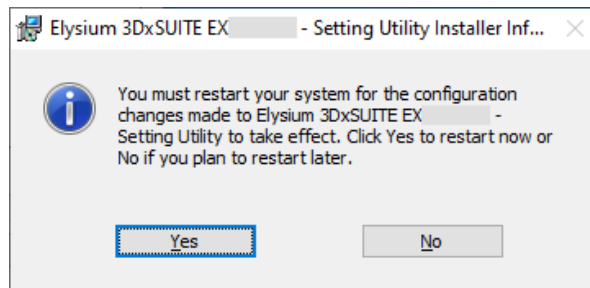
g. Click [Install] to start the installation.



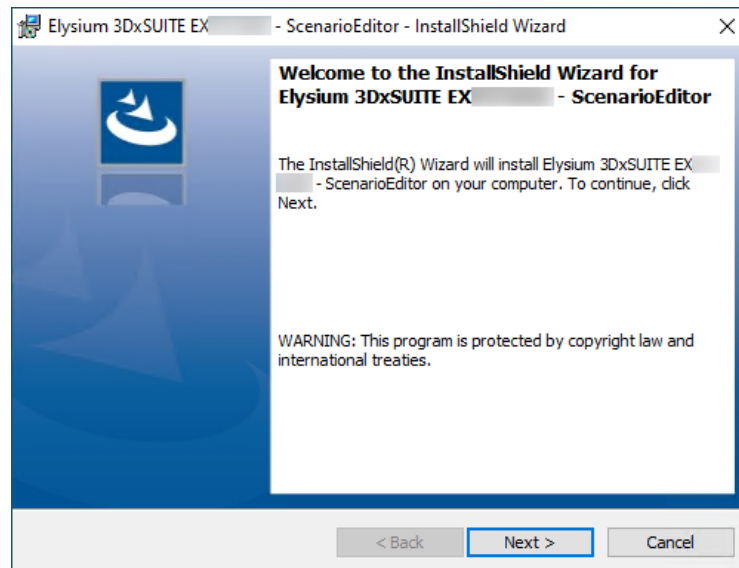
h. When the installation of Setting Utility is completed, the following dialog will appear. Click [Finish] to close the installer.



- i. When a dialog appears prompting you to reboot, then reboot the OS. After the OS has rebooted, continue with the next step.



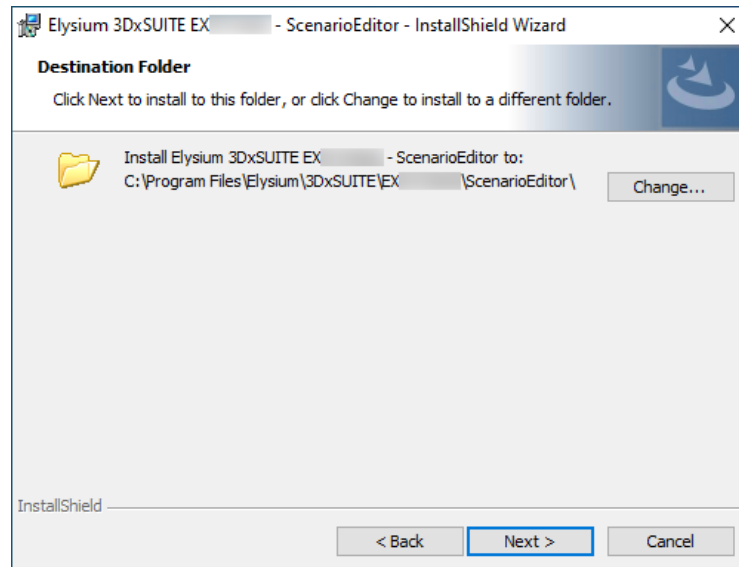
4. Install Wizard starts. Click [Next].



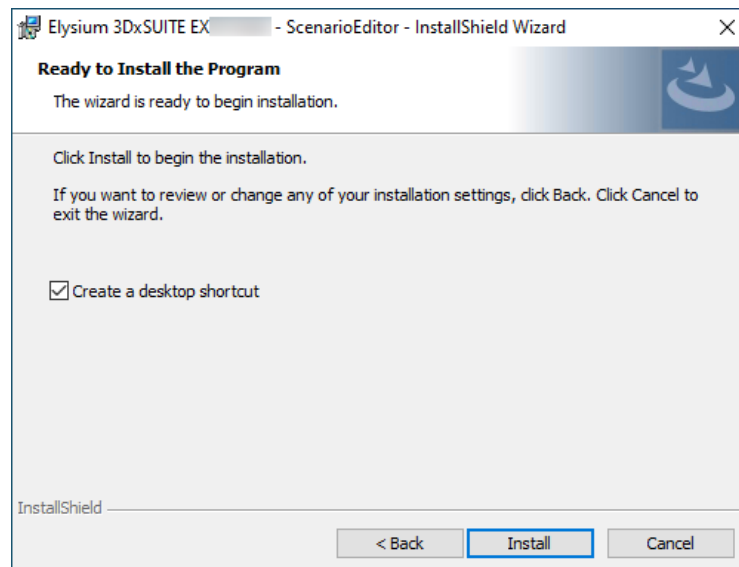
5. Select "I accept the terms of the license agreement" if you agree, and then click [Next]. If you disagree, you cannot continue the installation.



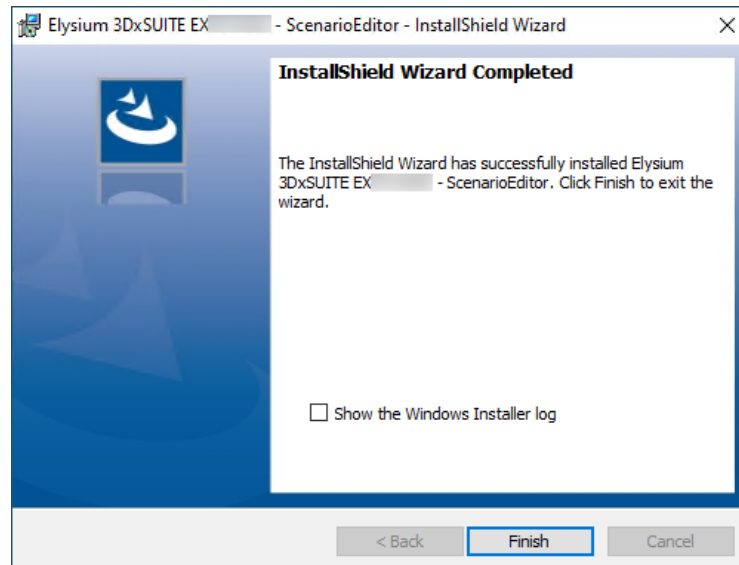
6. The dialog to specify a destination folder will appear. To change the destination folder from default setting, click [Change] and specify the new destination folder. When the setting is finished, click [Next].



7. Disable "Create a desktop shortcut" if you do not want to create a desktop shortcut. Click [Install] to start the installation.



8. The following dialog will appear when installation is completed. Click [Finish] to close the installer.



10.1.2. Silent Installation

By using the command, you can install or upgrade ScenarioEditor without GUI operations.

- Example of command

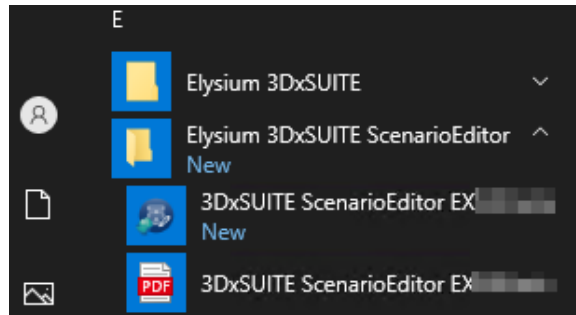
```
Elysium_3DxSUITE_EX9.1_ScenarioEditor.exe /s /v"/l* \"C:\temp\install.log\"
INSTALLDIR=\"C:\Program Files\Elysium\3DxSUITE\EX9.1\ScenarioEditor\" /qn"
```

This is a list of command arguments to pass to the installer when executing silent installation.

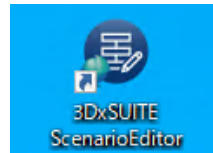
Command Argument	Description	Mandatory / Optional
/s	Execute installation or uninstallation in silent mode.	Mandatory
/v	<p>Specify the following arguments in the form of /v"arg1 arg2 ...":</p> <ul style="list-style-type: none"> • /l* "<Log file>" : Specify the log file path. A space is required between "/l *" and the filename. • INSTALLDIR="<Installation Folder>" : Specify the folder where you want to install. This can be specified only when installing. • /qn : Install or uninstall without displaying the dialog. • /qn+ : Dialog is displayed when installation or uninstallation is completed. 	Optional

10.2. Launch

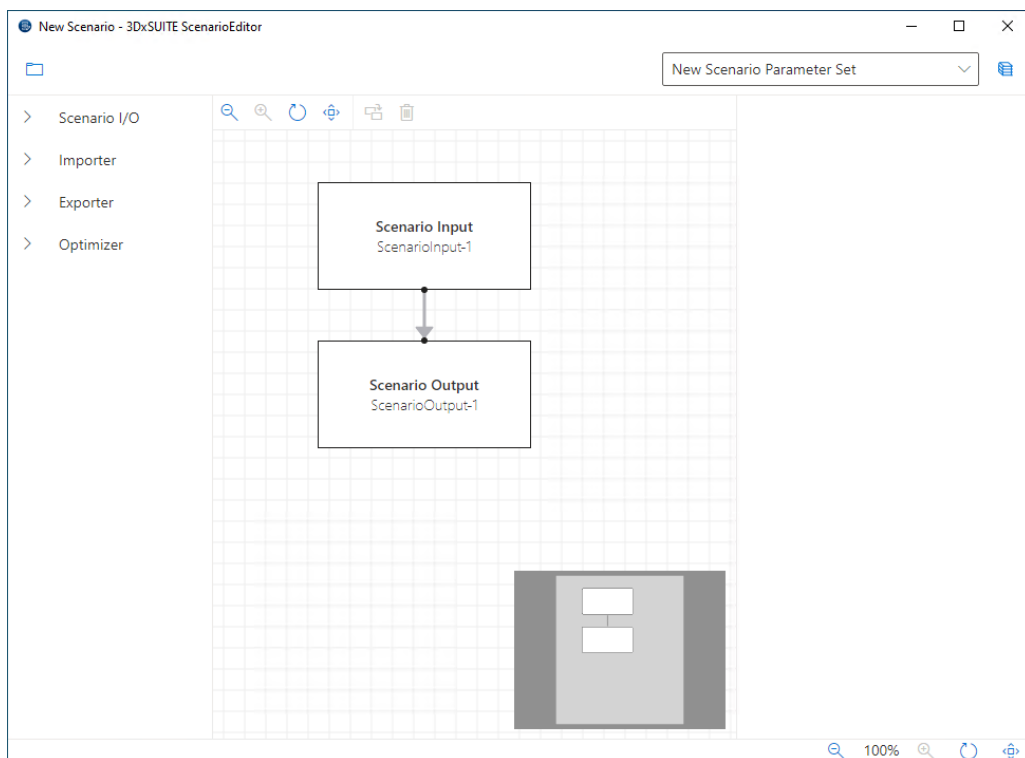
From Windows start menu, select [Elysium 3DxSUITE ScenarioEditor] > [3DxSUITE ScenarioEditor EX9.1] to launch.



Also, double-click [3DxSUITE ScenarioEditor EX9.1] shortcut on your desktop to launch.



ScenarioEditor will start.



10.3. Exit

Select [File] > [Exit] from the menu or close the window to exit.

10.4. Uninstallation

10.4.1. Manual Uninstallation

1. From Windows start menu, select [Start] > [Settings](Gear mark).
2. Then select [Apps].
3. From the list of applications displayed in "Apps & features", select "Elysium 3DxSUITE EX9.1 - ScenarioEditor" to uninstall.

10.4.2. Silent Uninstallation

Silent uninstallation can be performed by a command. The installer for the version you are currently using will be required.

- Example of command

```
Elysium_3DxSUITE_EX9.1_ScenarioEditor.exe /s /x /v"/l* "C:\temp\uninstall.log\"/qn"
```

This is a list of command arguments to pass to the installer when executing silent uninstallation.

Command Argument	Description	Mandatory / Optional
/s	Execute installation or uninstallation in silent mode.	Mandatory
/x	Execute uninstallation.	Mandatory
/v	Specify the following arguments in the form of /v"arg1 arg2 ...": <ul style="list-style-type: none"> • /l* "<Log file>" : Specify the log file path. A space is required between "/l*" and the filename. • /qn : Install or uninstall without displaying the dialog. • /qn+ : Dialog is displayed when installation or uninstallation is completed. 	Optional

11. Elysium 3DxSUITE Data Package Studio

Programs that need to be installed in advance

- Adobe Acrobat Pro

11.1. Installation



You need Administrator privileges to install Elysium products.

11.1.1. Manual Installation

1. Run the installer for Data Package Studio.

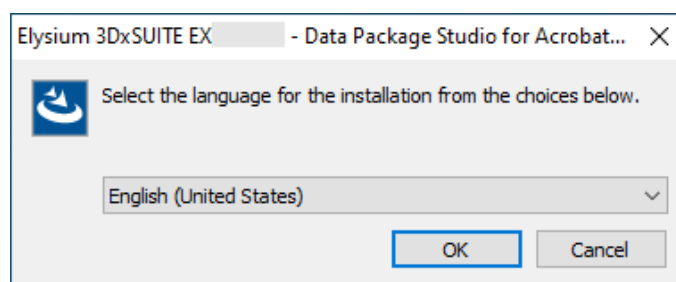
- Folder containing the installer: <3DxSUITE Data Package Studio Package>\
- Installer:
 - Elysium_3DxSUITE_EX9.1_Data_Package_Studio_for_Acrobat_32bit.exe
 - Elysium_3DxSUITE_EX9.1_Data_Package_Studio_for_Acrobat_64bit.exe



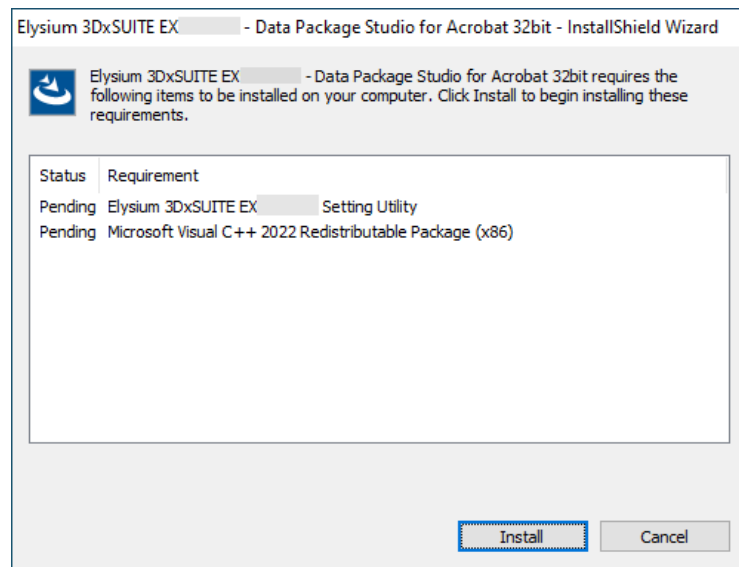
Data Package Studio installer is available in two types, 64 bit and 34 bit. Please note that you must run the installer with the same type (32bit/64bit) as the Adobe Acrobat product installed on your computer. Different types of Adobe Acrobat products are as follows:

Product Name	32bit/64bit
Adobe Acrobat Pro DC Continuous (Older version)	32bit
Adobe Acrobat Pro 2017 (Classic)	32bit
Adobe Acrobat Pro 2020 (Classic)	32bit
Adobe Acrobat Pro DC Continuous (Latest version)	32bit/64bit

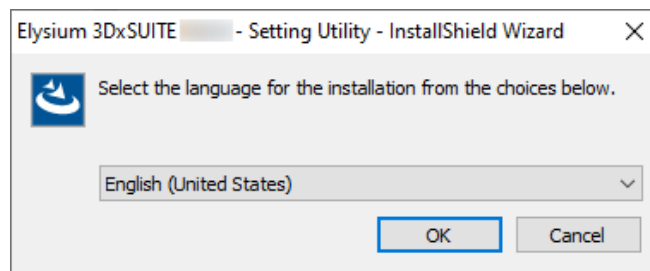
2. Select the language for the installation and click [OK].



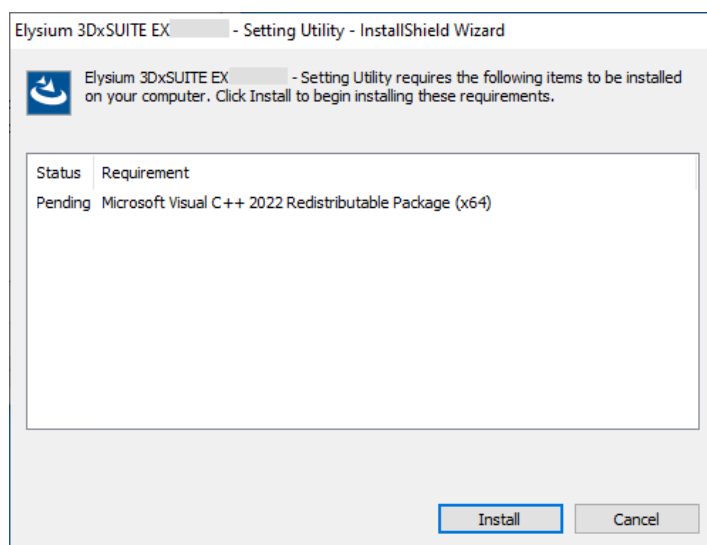
3. When this dialog appears, click [Install].



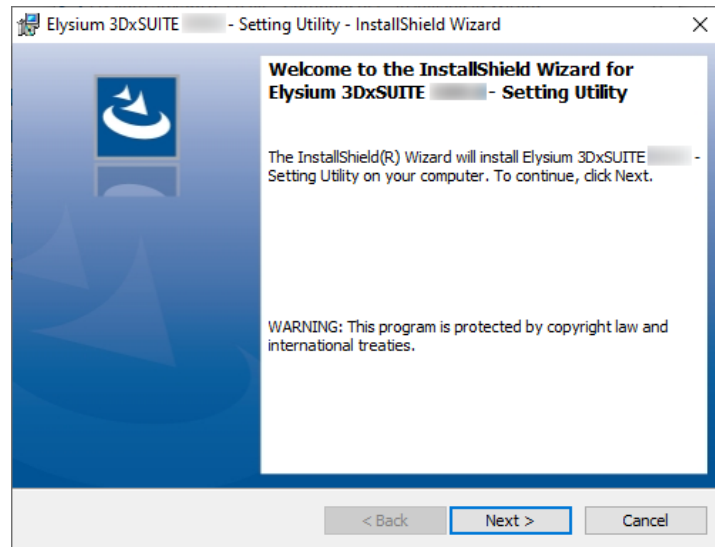
4. If Setting Utility is not installed, the Setting Utility installer will start. Follow the steps below to perform the installation. If Setting Utility is already installed, skip to the step after installing Setting Utility.
 - a. Select which language to use when installing, and click [OK].



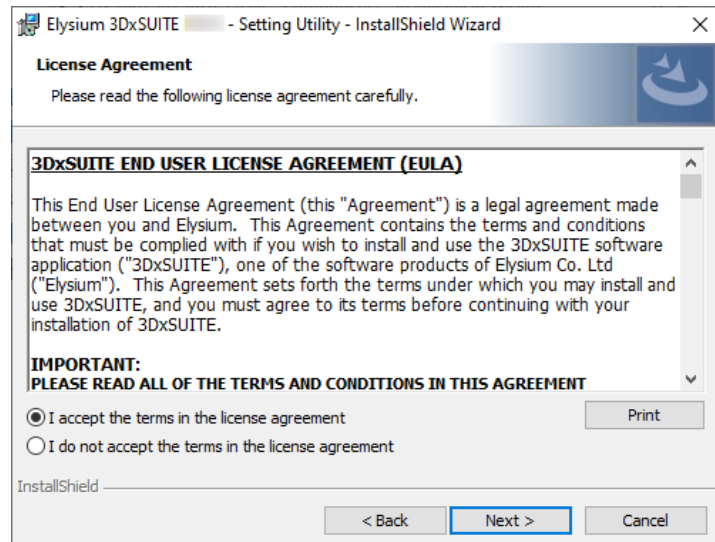
- b. If above dialog is displayed, click [Install] to start the installation. If 3DxSUITE Setting Utility is already installed, this dialog will not appear.



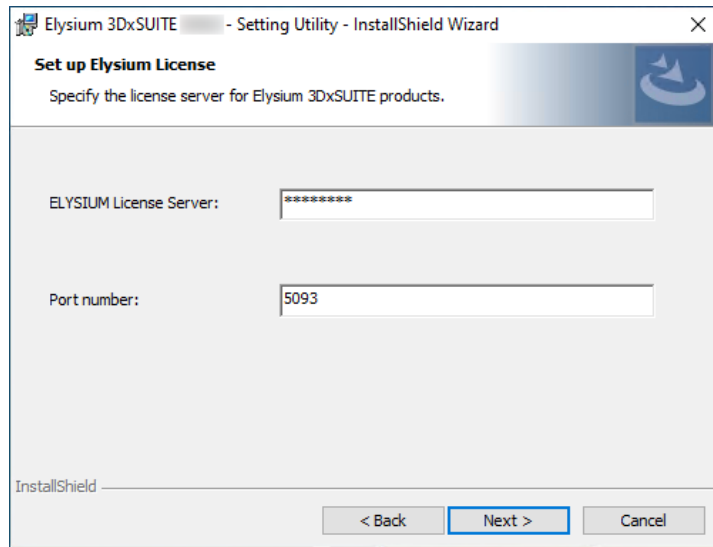
- c. Installation Wizard starts. Click [Next].



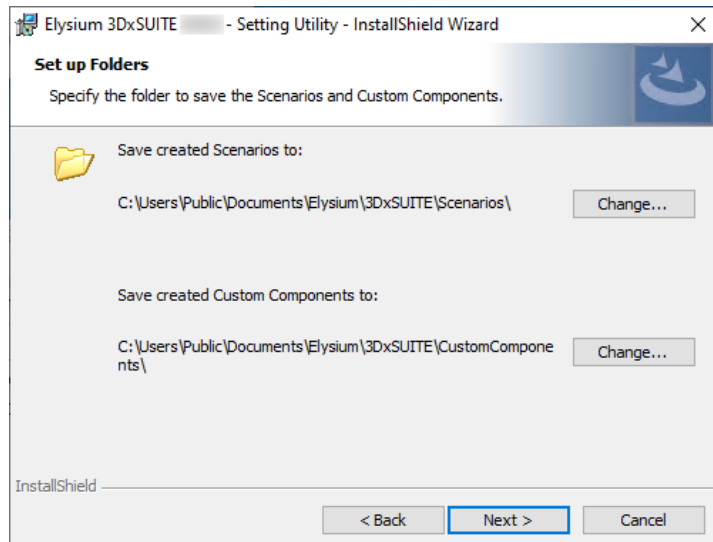
- d. Select "I accept the terms in the license agreement" if you accept the license agreement and click [Next]. If you don't accept, you cannot continue the installation.



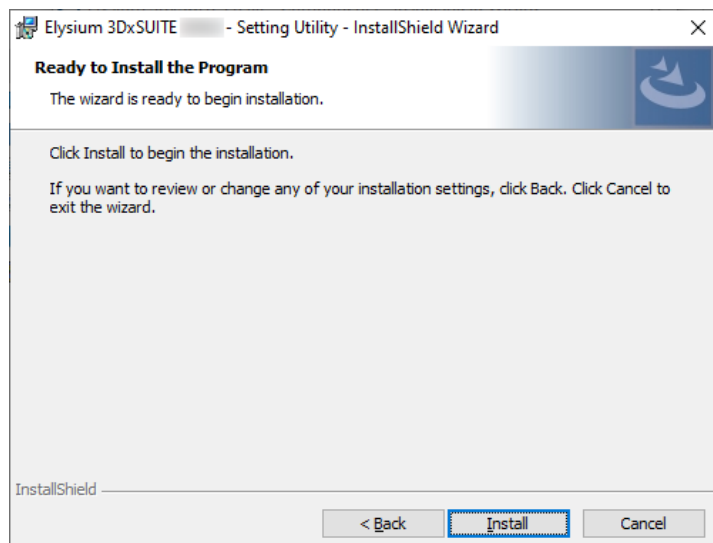
- e. "Set up Elysium License" dialog will appear. Enter Host name of the computer where you installed Sentinel RMS License Manager, and if necessary, change Port number. And then click [Next].



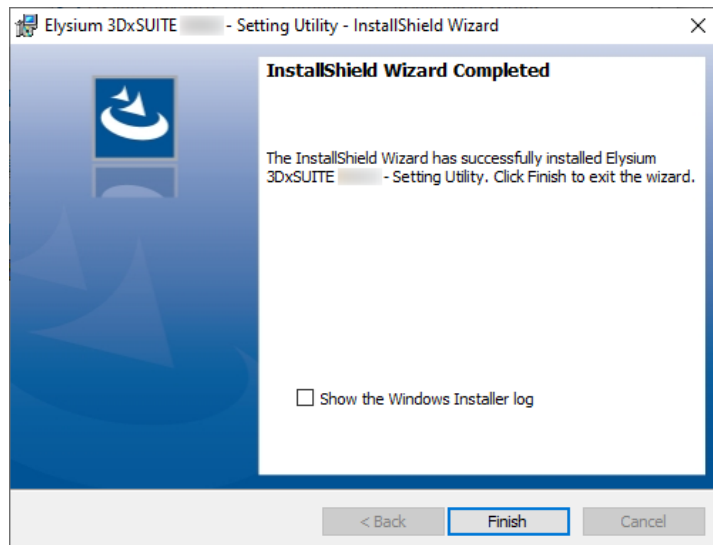
- f. "Set up Folders" dialog will appear. Change the folder path if necessary, and then click [Next].



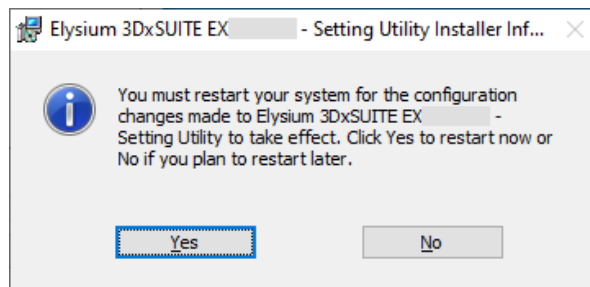
- g. Click [Install] to start the installation.



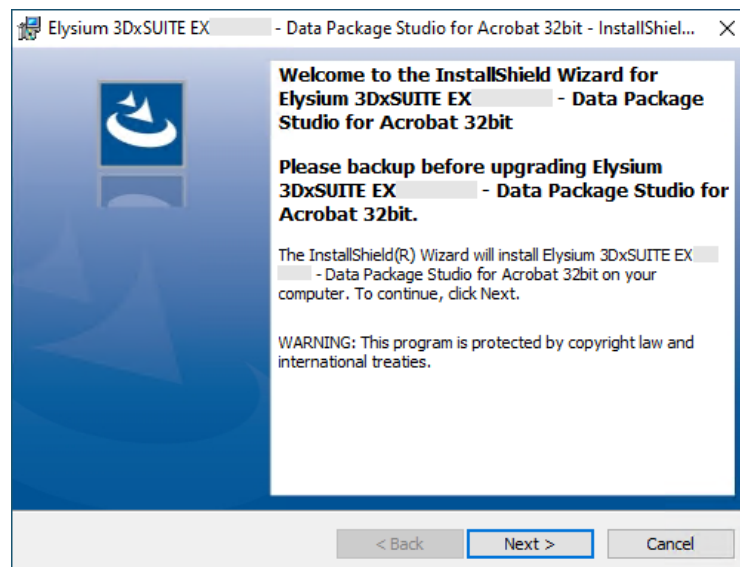
- h. When the installation of Setting Utility is completed, the following dialog will appear. Click [Finish] to close the installer.



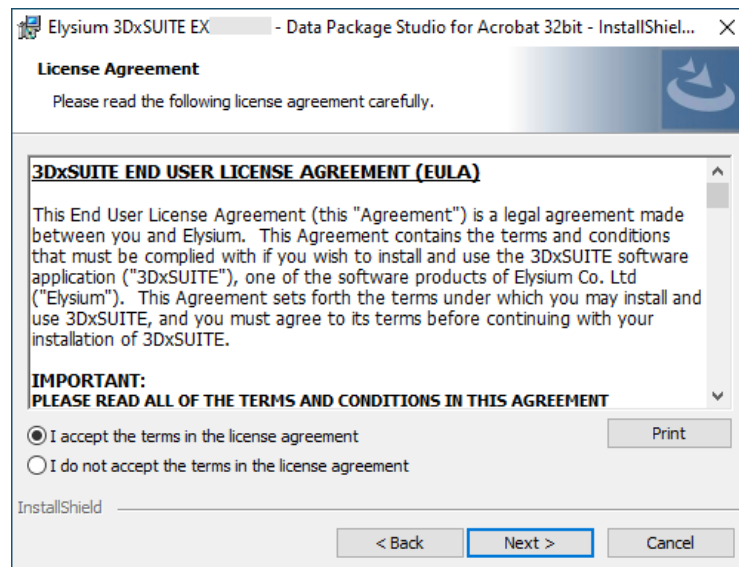
- i. When a dialog appears prompting you to reboot, then reboot the OS. After the OS has rebooted, continue with the next step.



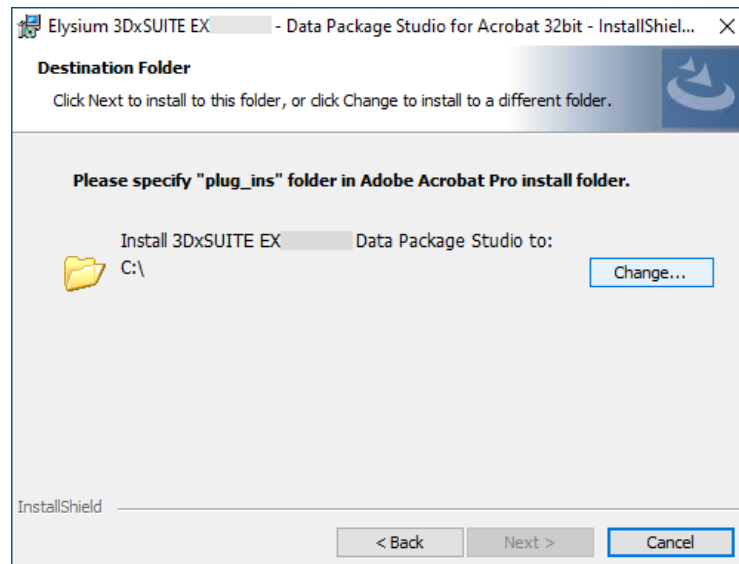
5. Install Wizard starts. Click [Next].



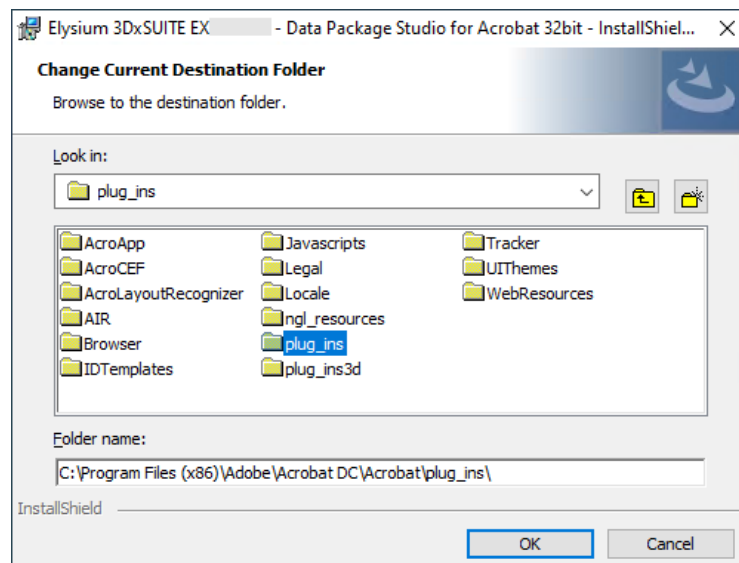
6. Select "I accept the terms of the license agreement" if you agree, and then click [Next]. If you disagree, you cannot continue the installation.



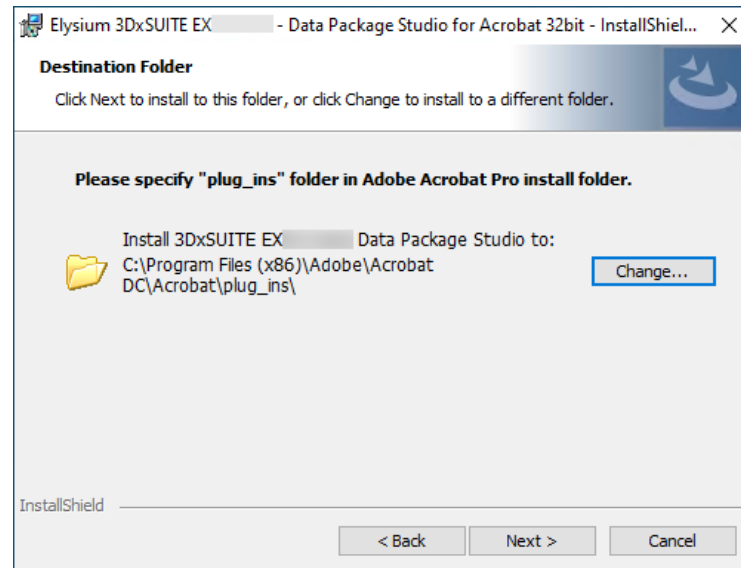
7. The dialog to specify a destination folder (plug_ins) will appear. Click [Change].



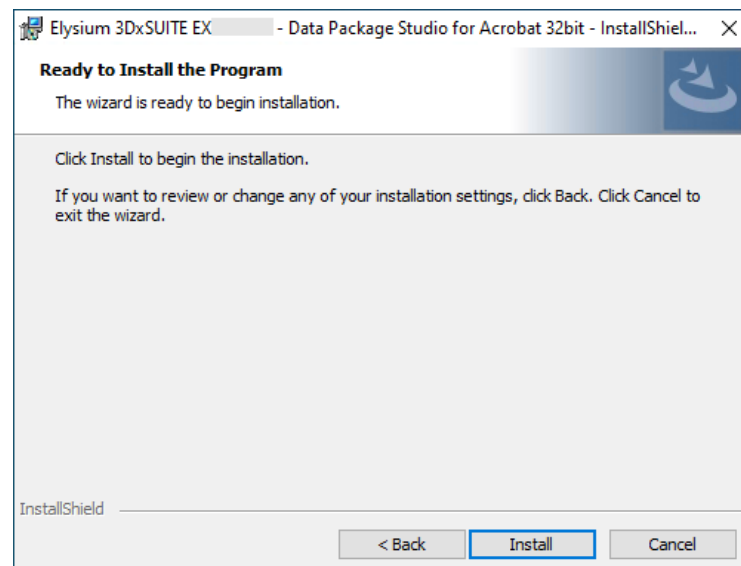
8. Specify the destination folder. After specifying, click [OK].



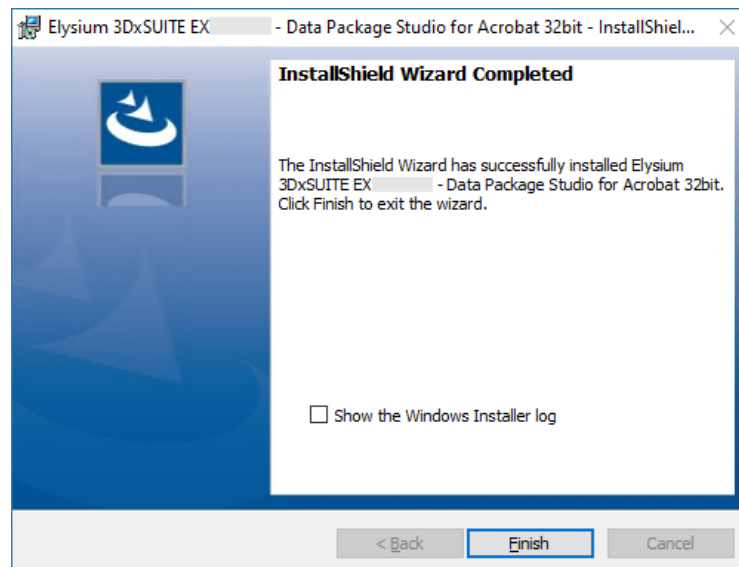
9. Confirm the destination folder which appears, then click [Next].



10. Click [Install] to start the installation.



11. The following dialog will appear when installation is completed. Click [Finish] to close the installer.



11.1.2. Silent Installation

By using the command, you can install Data Package Studio without GUI operations.

- Example of command

```
Elysium_3DxSUITE_EX9.1_Data_Package_Studio_for_Acrobat_32bit.exe /s
/v"INSTALLEDIR=\"C:\Program Files (x86)\Adobe\Acrobat DC\Acrobat\plug_ins\" /qn"
```

or

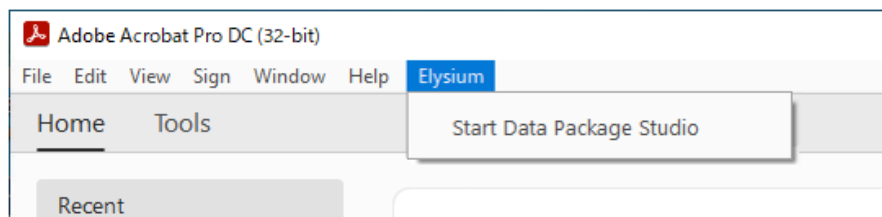
```
Elysium_3DxSUITE_EX9.1_Data_Package_Studio_for_Acrobat_64bit.exe /s
/v"INSTALLEDIR=\"C:\Program Files (x86)\Adobe\Acrobat DC\Acrobat\plug_ins\" /qn"
```

Command Argument	Description	Mandatory / Optional
/s	Execute installation or uninstallation in silent mode.	Mandatory

Command Argument	Description	Mandatory / Optional
/v	<p>Specify the following arguments in the form of /v"arg1 arg2 ...":</p> <ul style="list-style-type: none"> • /l* "\"<Log file>\" : Specify the log file path. A space is required between "/l*" and the filename. • INSTALLDIR=\"<Installation Folder>\" : Specify the folder where you want to install. This can be specified only when installing. • /qn : Install or uninstall without displaying the dialog. • /qn+ : Dialog is displayed when installation or uninstallation is completed. 	Optional

11.2. Launch

1. Launch Adobe Acrobat Pro.
2. Select [Elysium] > [Start Data Package Studio] from the menu.



11.3. Exit

By exiting Adobe Acrobat Pro, Data Package Studio will also end.

11.4. Uninstallation

11.4.1. Manual Uninstallation

1. From Windows start menu, select [Settings](Gear mark).
2. Then select [Apps].
3. From the list of applications displayed in "Apps & features," select one of the following to uninstall:
 - Elysium 3DxSUITE EX9.1 - Data Package Studio for Acrobat 32bit
 - Elysium 3DxSUITE EX9.1 - Data Package Studio for Acrobat 64bit

11.4.2. Silent Uninstallation

Silent uninstallation can be performed by a command. The installer for the version you are currently using will be required.

- Example of command

```
Elysium_3DxSUITE_EX9.1_Data_Package_Studio_for_Acrobat_32bit.exe /s /x /v"/l*
"C:\temp\uninstall.log\" /qn"
```

or

```
Elysium_3DxSUITE_EX9.1_Data_Package_Studio_for_Acrobat_64bit.exe /s /x /v"/l*
"C:\temp\uninstall.log\" /qn"
```

This is a list of command arguments to pass to the installer when executing silent uninstallation.

Command Argument	Description	Mandatory / Optional
/s	Execute installation or uninstallation in silent mode.	Mandatory
/x	Execute uninstallation.	Mandatory
/v	Specify the following arguments in the form of /v"arg1 arg2 ...": <ul style="list-style-type: none"> • /l* "<Log file>" : Specify the log file path. A space is required between "/l *" and the filename. • /qn : Install or uninstall without displaying the dialog. • /qn+ : Dialog is displayed when installation or uninstallation is completed. 	Optional

12. Elysium 3DxSUITE Validation Configurator

Programs that need to be installed in advance

- n/a

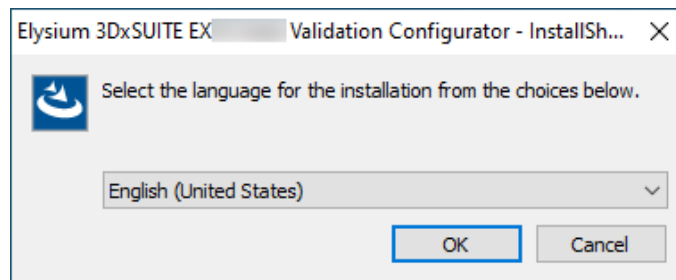
12.1. Installation



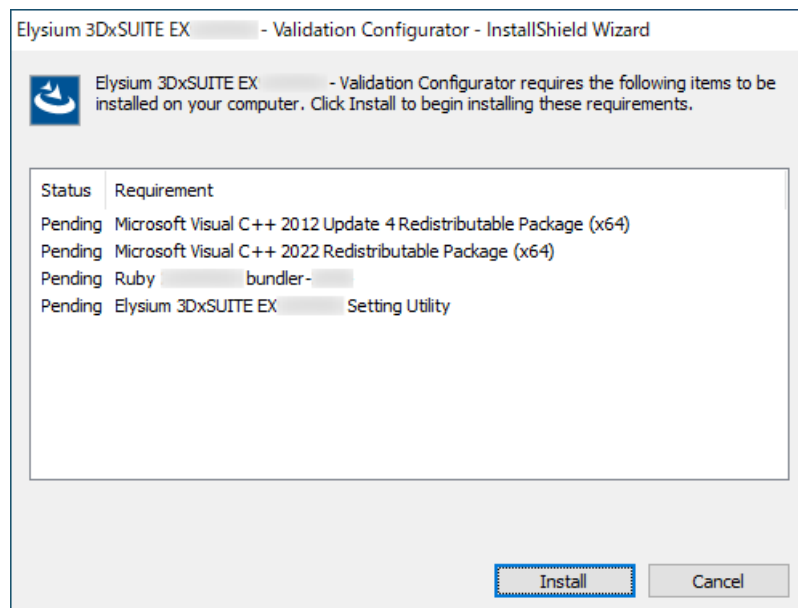
You need Administrator privileges to install Elysium products.

12.1.1. Manual Installation

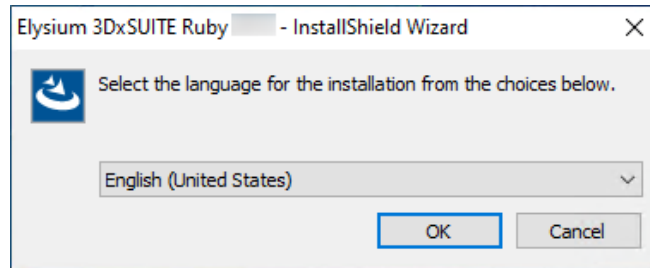
1. Run the installer of Validation Configurator.
 - Folder containing the installer: <3DxSUITE Validation Configurator Package>\
 - Installer: Elysium_3DxSUITE_EX9.1_Validation_Configurator.exe
2. Select the language for the installation and click [OK].



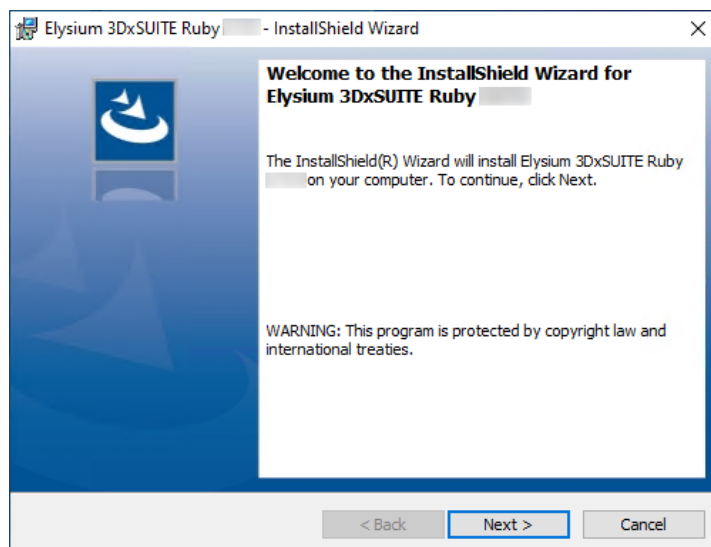
3. When this dialog appears, click [Install].



4. If Elysium 3DxSUITE Ruby is not installed in the environment, Elysium 3DxSUITE Ruby installer will start. Follow the steps below to perform the installation. If Elysium 3DxSUITE Ruby is already installed, skip to the step after installing Elysium 3DxSUITE Ruby.
- a. Select which language to use when installing, and click [OK].



- b. Installation Wizard starts. Click [Next].

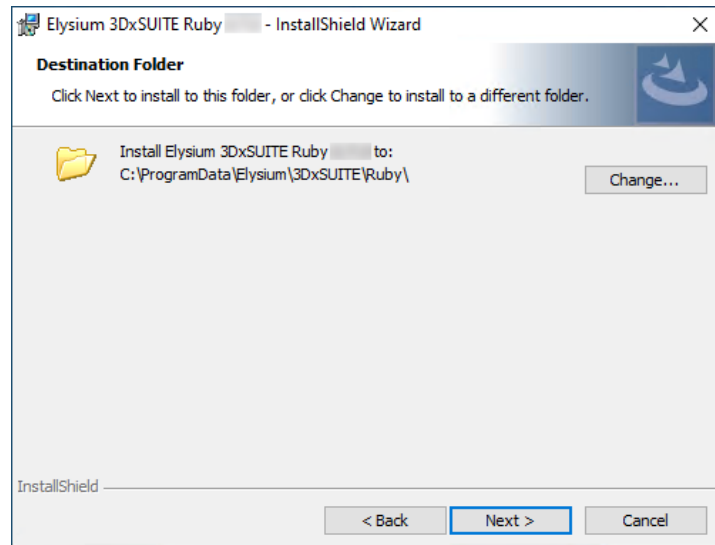


- c. Select "I accept the terms in the license agreement" if you accept the license agreement and click [Next]. If you don't accept, you cannot continue the installation.



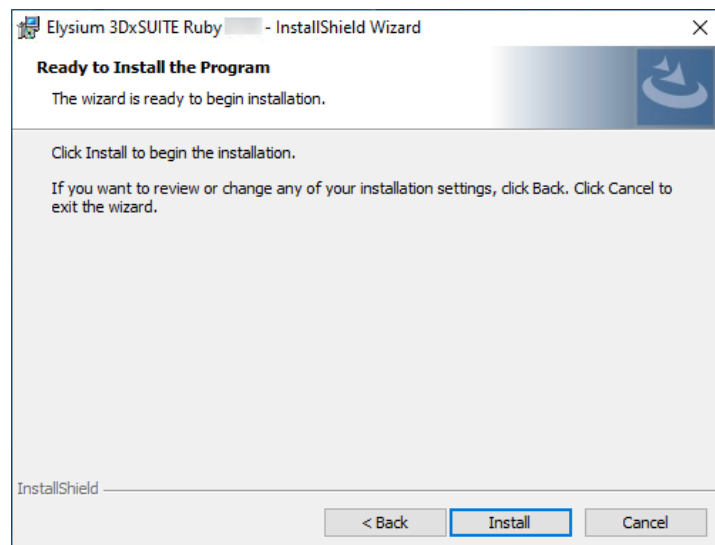
- d. "Destination Folder" dialog will appear. To change the destination folder from default setting, click [Change] and specify the new destination folder. When the setting is

finished, click [Next].

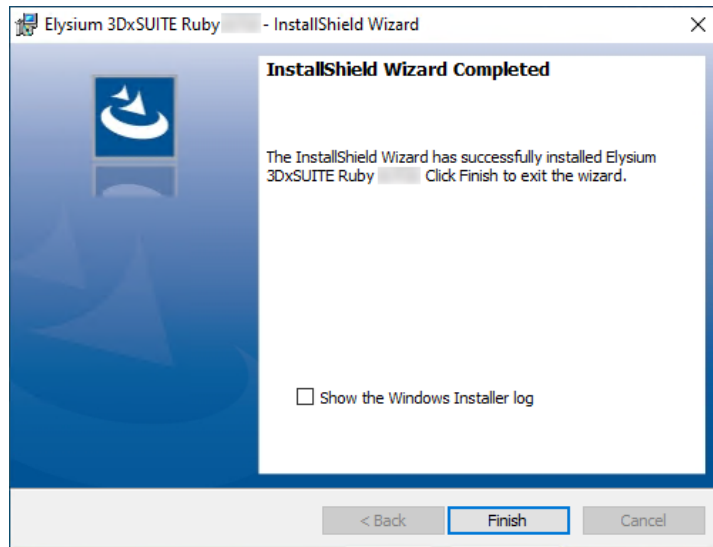


Please ensure that the destination folder path consists only of one-byte alphanumeric characters and several one-byte symbols ("#", "+", "-", "_", ".", "\$", "/", ":"). If characters other than these are included in the path, an error will occur.

- e. Click [Install] to start the installation.

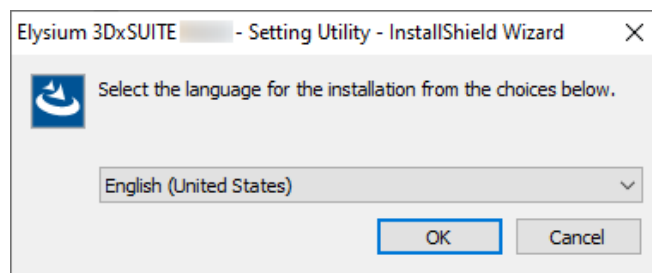


- f. When installation is completed, the following dialog will appear. Click [Finish] to end the installer.

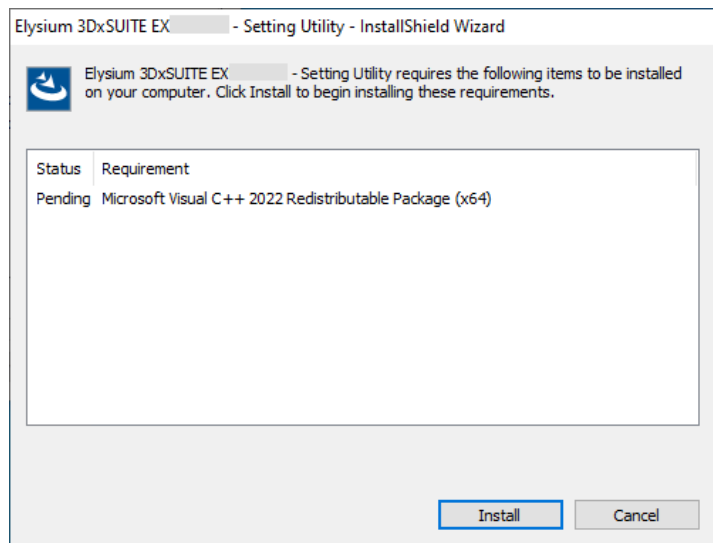


5. If Setting Utility is not installed, the Setting Utility installer will start. Follow the steps below to perform the installation. If Setting Utility is already installed, skip to the step after installing Setting Utility.

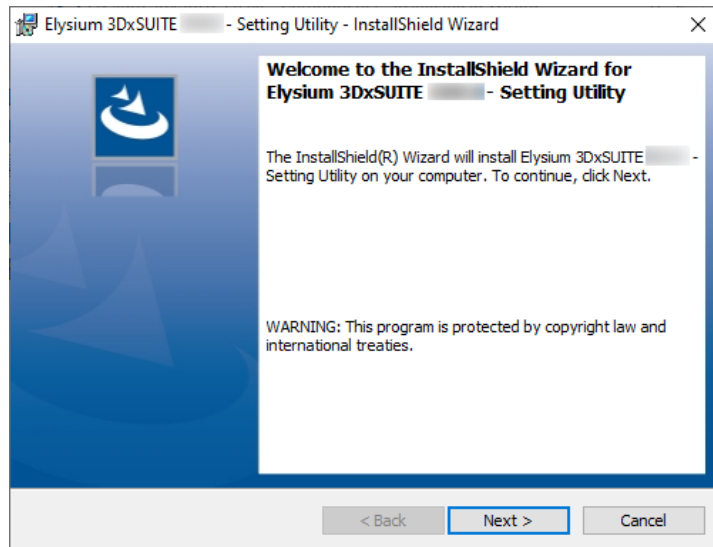
- a. Select which language to use when installing, and click [OK].



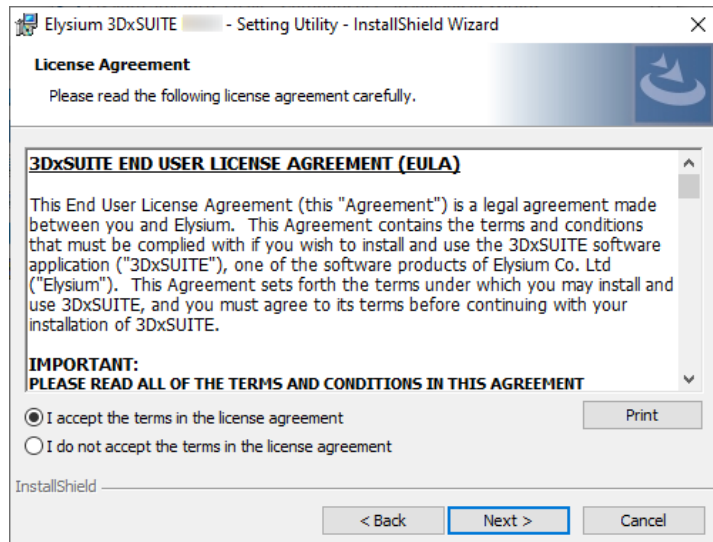
- b. If above dialog is displayed, click [Install] to start the installation. If 3DxSUITE Setting Utility is already installed, this dialog will not appear.



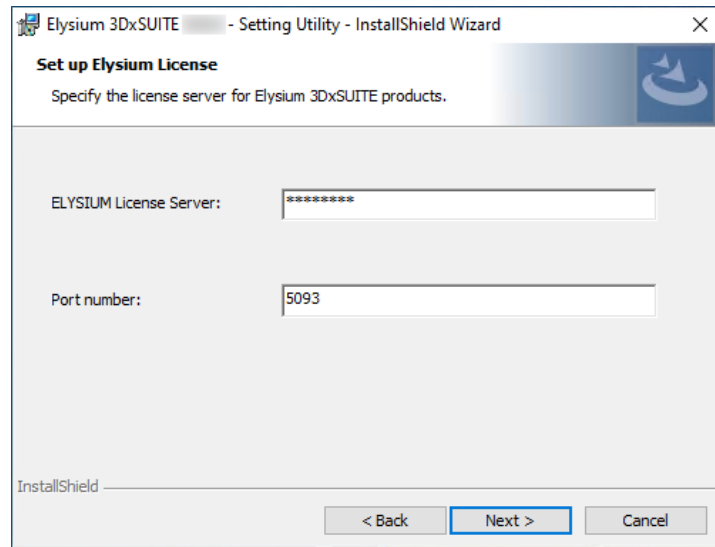
- c. Installation Wizard starts. Click [Next].



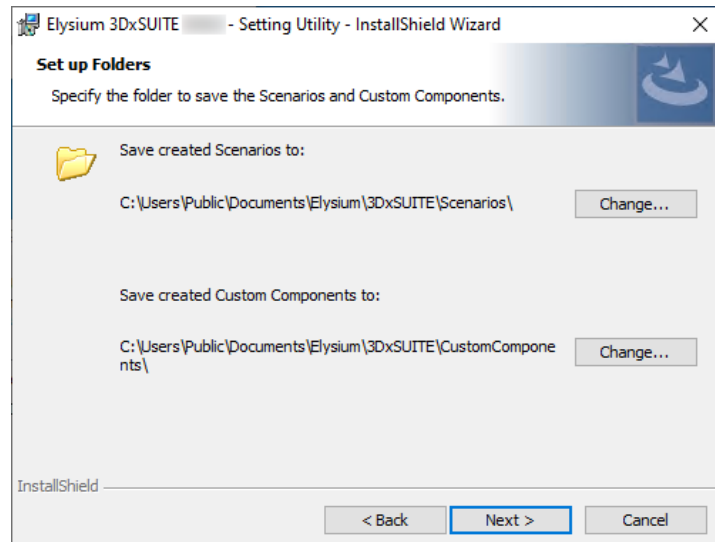
- d. Select "I accept the terms in the license agreement" if you accept the license agreement and click [Next]. If you don't accept, you cannot continue the installation.



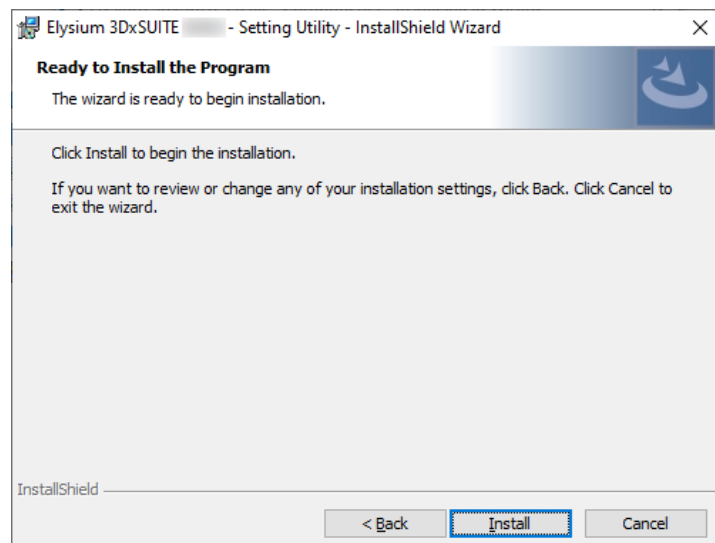
- e. "Set up Elysium License" dialog will appear. Enter Host name of the computer where you installed Sentinel RMS License Manager, and if necessary, change Port number. And then click [Next].



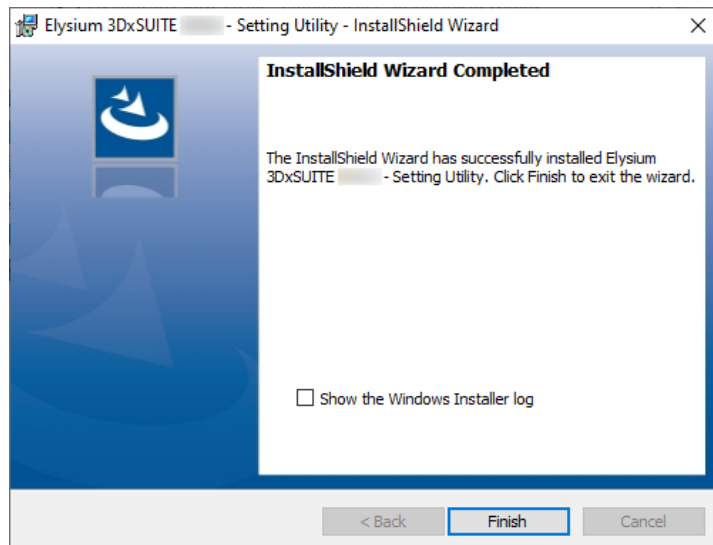
- f. "Set up Folders" dialog will appear. Change the folder path if necessary, and then click [Next].



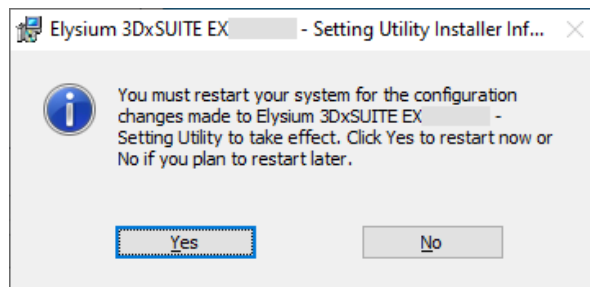
- g. Click [Install] to start the installation.



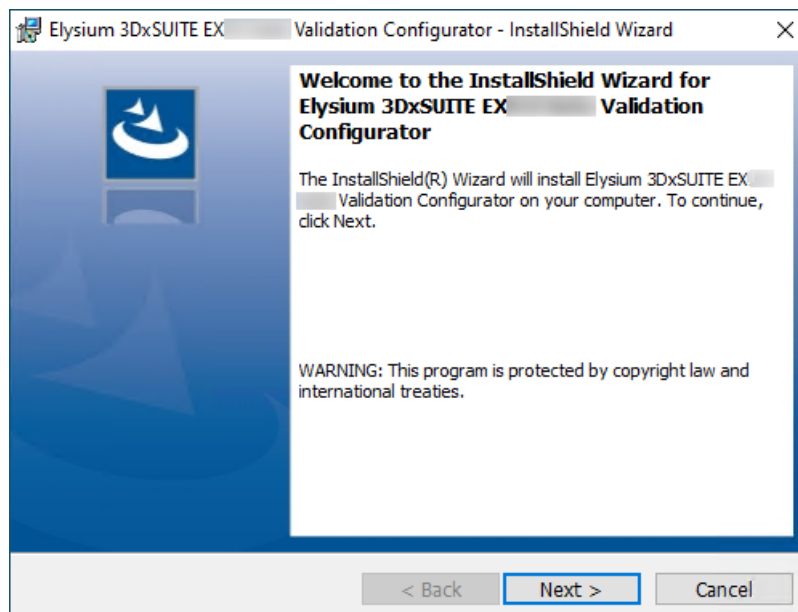
- h. When the installation of Setting Utility is completed, the following dialog will appear. Click [Finish] to close the installer.



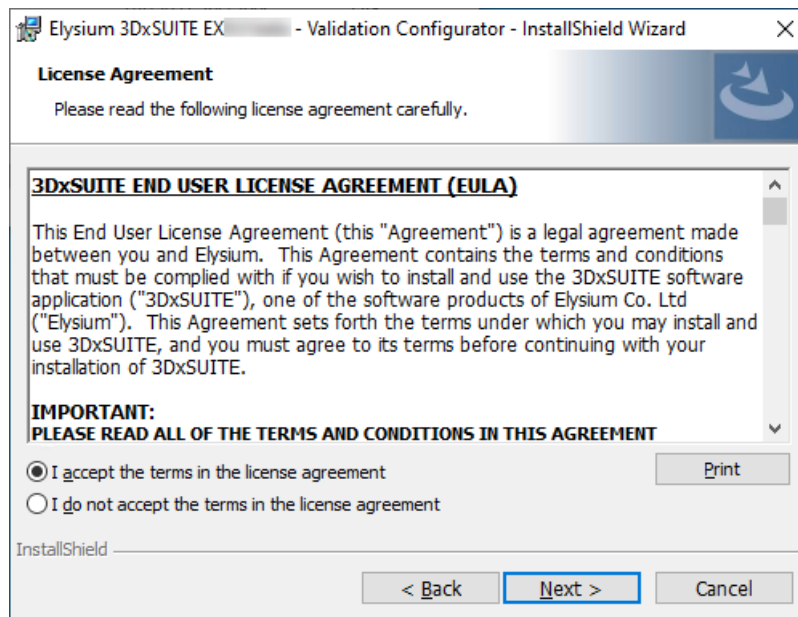
- i. When a dialog appears prompting you to reboot, then reboot the OS. After the OS has rebooted, continue with the next step.



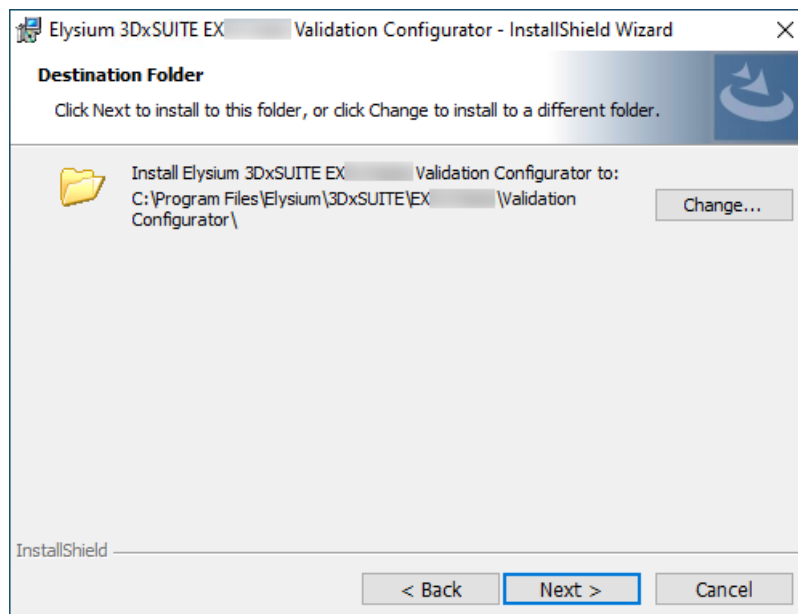
6. Install Wizard starts. Click [Next].



7. Select "I accept the terms of the license agreement" if you agree, and then click [Next]. If you disagree, you cannot continue the installation.

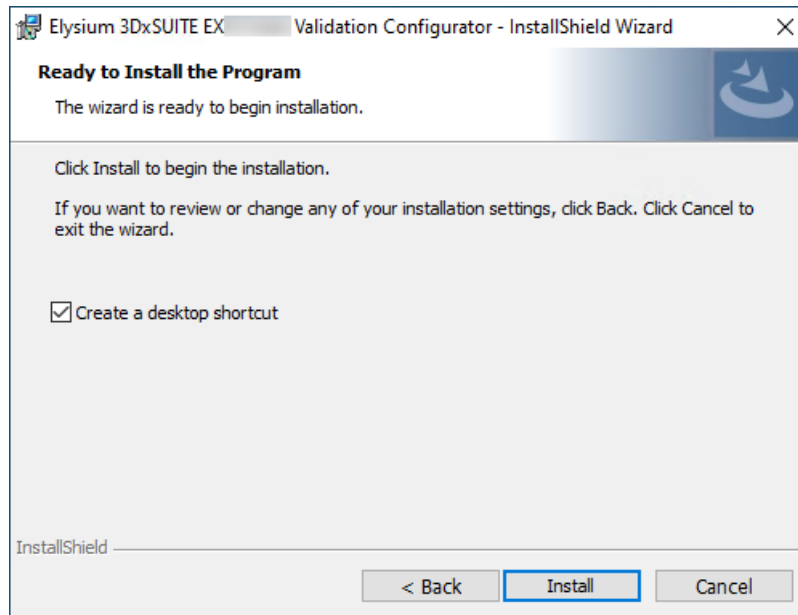


8. The dialog to specify a destination folder will appear. To change the destination folder from default setting, click [Change] and specify the new destination folder. When the setting is finished, click [Next].

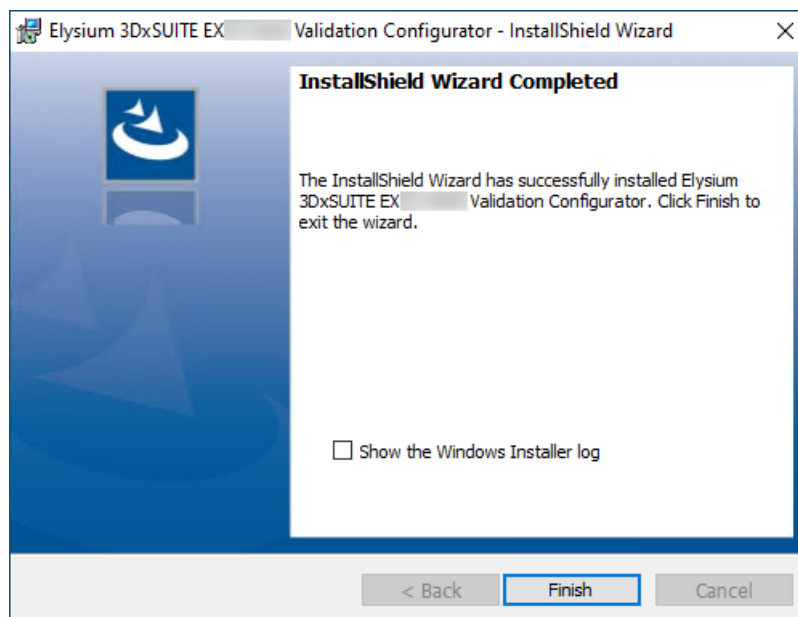


Please ensure that the destination folder path consists of ASCII characters only. If the folder path contains non-ASCII characters, the application may not work as expected.

9. Disable "Create a desktop shortcut" if you do not want to create a desktop shortcut. Click [Install] to start the installation.



10. The following dialog will appear when installation is completed. Click [Finish] to close the installer.



12.1.2. Silent Installation

By using the command, you can install or upgrade Validation Configurator without GUI operations.

- Example of command (No line breaks required)

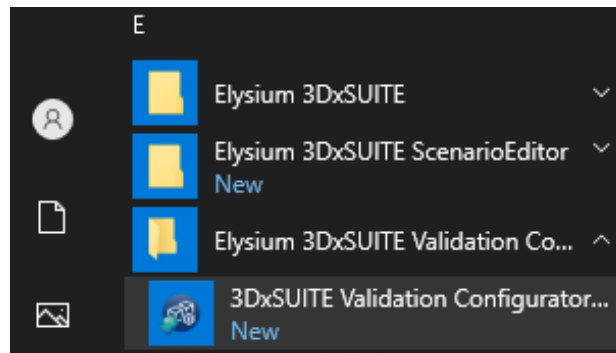
```
Elysium_3DxSUITE_EX9.1_Validation_Configurator.exe /s /v"/l*  
\"C:\temp\install.log\" INSTALLDIR=\"C:\Program  
Files\Elysium\3DxSUITE\EX9.1\Validation Configurator\" /qn"
```

This is a list of command arguments to pass to the installer when executing silent installation.

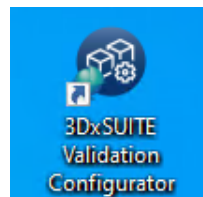
Command Argument	Description	Mandatory / Optional
/s	Execute installation or uninstallation in silent mode.	Mandatory
/v	Specify the following arguments in the form of /v"arg1 arg2 ...": <ul style="list-style-type: none"> • /l* "<Log file>" : Specify the log file path. A space is required between "/l *" and the filename. • INSTALLDIR="<Installation Folder>" : Specify the folder where you want to install. This can be specified only when installing. • /qn : Install or uninstall without displaying the dialog. • /qn+ : Dialog is displayed when installation or uninstallation is completed. 	Optional

12.2. Launch

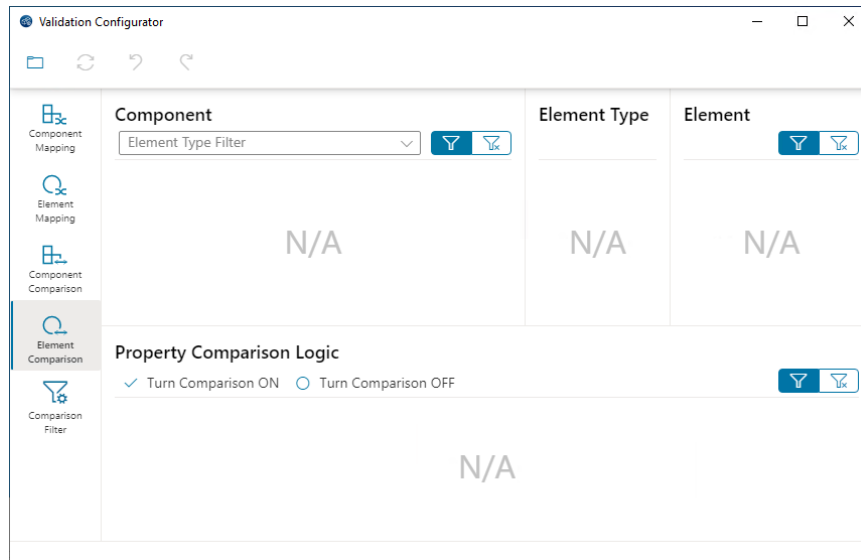
1. From Windows start menu, select [Elysium 3DxSUITE Validation Configurator] > [3DxSUITE Validation Configurator EX9.1].



Also, double-click [3DxSUITE Validation Configurator EX9.1] shortcut on your desktop to launch.



Validation Configurator will start and Main dialog will appear.



12.3. Exit

Close the window to exit.

12.4. Uninstallation

12.4.1. Manual Uninstallation

1. From Windows start menu, select [Start] > [Settings](Gear mark).
2. Then select [Apps].
3. From the list of applications displayed in "Apps & features", select "Elysium 3DxSUITE EX9.1 - Validation Configurator" to uninstall.

12.4.2. Silent Uninstallation

Silent uninstallation can be performed by a command. The installer for the version you are currently using will be required.

- Example of command

```
Elysium_3DxSUITE_EX9.1_Validation_Configurator.exe /s /x /v"/l*  
\"C:\temp\uninstall.log\" /qn"
```

This is a list of command arguments to pass to the installer when executing silent uninstallation.

Command Argument	Description	Mandatory / Optional
/s	Execute installation or uninstallation in silent mode.	Mandatory
/x	Execute uninstallation.	Mandatory
/v	<p>Specify the following arguments in the form of /v"arg1 arg2 ...":</p> <ul style="list-style-type: none">• /l* "<Log file>" : Specify the log file path. A space is required between "/ l *" and the filename.• /qn : Install or uninstall without displaying the dialog.• /qn+ : Dialog is displayed when installation or uninstallation is completed.	Optional

13. Elysium 3DxSUITE PDQ Checker Configurator

Programs that need to be installed in advance

- n/a

13.1. Installation

PDQ Checker Configurator installer does not exist. Copy "PDQCheckerSetting_ENG.xlsm" included in <3DxSUITE PDQ Checker Configurator Package> to any location and use it.

13.2. Launch

Open "PDQCheckerSetting_ENG.xlsm" with Microsoft Excel.

13.3. Exit

Exit Microsoft Excel.

13.4. Uninstallation

Delete "PDQCheckerSetting_ENG.xlsm".

14. Elysium 3DxSUITE Setting Utility

Programs that need to be installed in advance

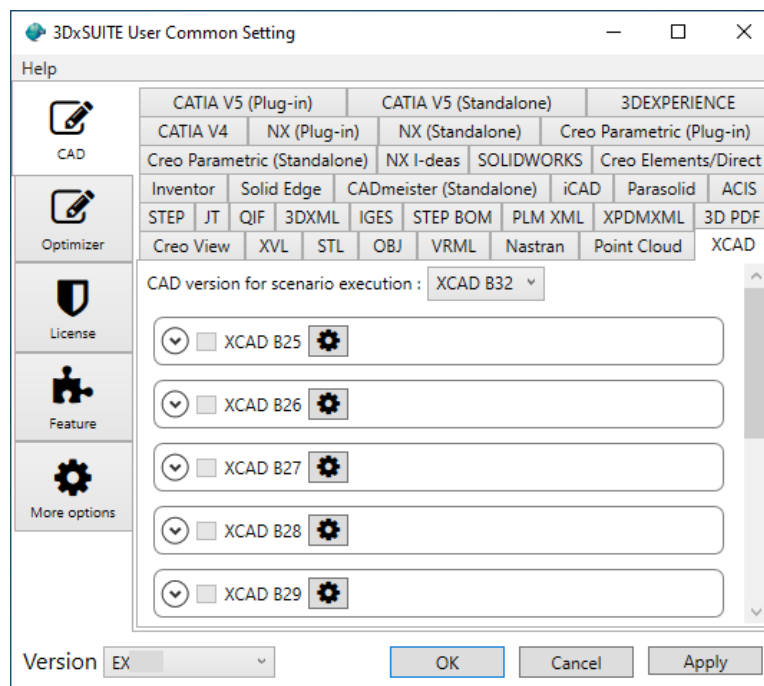
- n/a

14.1. Installation

3DxSUITE Setting Utility is automatically installed as needed when you run the installer for each product. It does not have to be installed separately.

14.2. Launch


From Windows start menu, select [Elysium 3DxSUITE] > [3DxSUITE User Common Setting] or [Elysium 3DxSUITE] > [3DxSUITE Local User Setting] to launch.



14.3. Exit

Click [OK] at the bottom of the window or close the window to exit.

14.4. Uninstallation

1. In Windows menu, select  [Settings] > [Apps].
2. From the list of apps that appears, select "Elysium 3DxSUITE EX9.1 - Setting Utility".
3. Click [Uninstall].

15. Troubleshooting

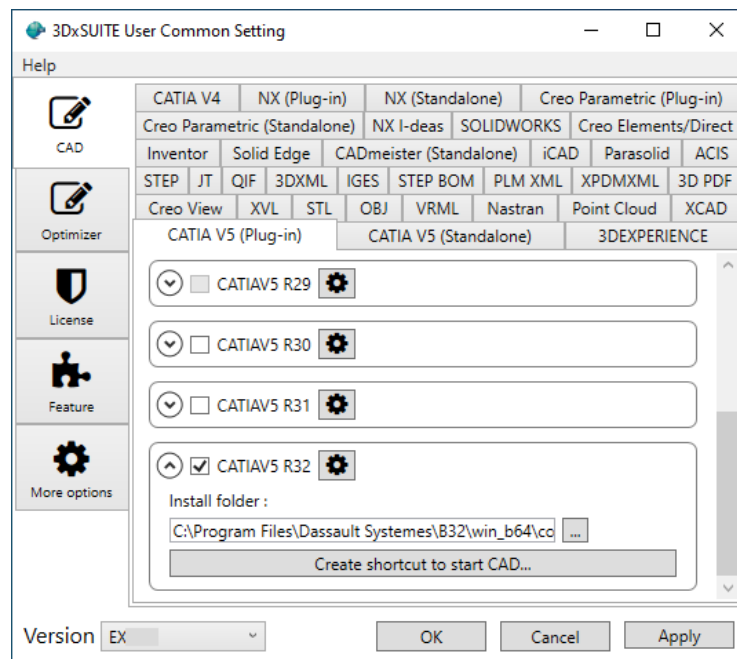
Case 1: When launching SmartLauncher (Plug-in) for CATIA V5, the contents of CATIA V5 environment file are not reflected.

[Workaround] This may occur when the CATIA V5 environment file is not specified correctly. Specify the CATIA V5 environment file according to the contents described in [Initial Settings for CAD Systems - CATIA V5](#).

Case 2: When executing the translation by SmartLauncher (Standalone) from Explorer context menu, a CATIA V5 licensing error occurs. When starting CATIA V5 by the normal procedure, no error occurs.

[Workaround] This may occur when the CATIA V5 environment file is not specified correctly. Follow the steps below to specify the CATIA V5 environment file.

1. From Windows menu, select [Elysium 3DxSUITE] > [3DxSUITE User Common Setting] or [Elysium 3DxSUITE] > [3DxSUITE Local User Setting].
2. Open [CAD] tab.
3. Select [CATIA V5] tab and click the gear mark of the version to use for translation.



4. Enter the absolute path of CATIA V5 environment file in "CATIAV5_EnvPath" for "CAD2ENF" and "ENF2CAD", and click [OK].
5. Click [OK] to close [3DxSUITE User Common Setting] or [3DxSUITE Local User Setting] windows.

Case 3: In the customized NX environment (including Teamcenter environment), SmartLauncher (Plug-in) for NX menu does not appear.

[Workaround] Follow the instructions in [Initial Settings for CAD Systems - NX](#) to configure the settings.

Case 4: Cannot find the SmartLauncher (Plug-in) installer for the version of CAD I want to use.

[Workaround] SmartLauncher (Plug-in) supports only some of the CAD versions supported by 3DxSUITE. Please refer to "Supported CAD Versions" in the Release Note for more details.

Case 5: During silent installation, the Operating System (OS) reboots.

[Workaround] This is the expected behavior, so there is no workaround. In manual installation, a dialog will appear asking you to reboot when the installation is complete; however, in silent installation, this dialog will not appear, and the computer will reboot automatically.

Case 6: The completion screen freezes when canceling the execution of "Elysium_3DxSUITE_EX9.1_Components.exe" in the middle.

[Workaround] Start task manager and terminate the "Elysium_3DxSUITE_EX9.1_Components.exe" process.

Case 7: "Elysium_3DxSUITE_EX9.1_Components.exe" execution fails.

[Workaround] This may occur when only the installation of "Elysium_3DxSUITE_EX9.1_Component_Base.exe" is performed. If applicable, perform an additional installation of "Elysium_3DxSUITE_EX9.1_SmartLauncher_Base.exe", or uninstall "Elysium 3DxSUITE EX9.1 - Component Base" from Windows "Apps and features".

Case 8: One of the 3DxSUITE products does not start, even though it appears to have been successfully installed.

[Workaround] This may occur when installing an application on a path including junction which has been set. Specify a path that does not include a junction during installation. Please refer to the following URL for more details on junction.

<https://docs.microsoft.com/en-us/sysinternals/downloads/junction>

Appendix A: List of 3DxSUITE Installers

Product Name	Description
Elysium_3DxSUITE_EX9.1_Viewer.exe	
3DxSUITE Viewer	Installer for installing 3DxSUITE Viewer.
Elysium_3DxSUITE_EX9.1_Editor.exe	
3DxSUITE Editor	Installer for installing 3DxSUITE Editor.
Elysium_3DxSUITE_EX9.1_SmartLauncher.exe	
3DxSUITE SmartLauncher	Installer for installing 3DxSUITE SmartLauncher.
Elysium_3DxSUITE_EX9.1_SmartController.exe	
3DxSUITE SmartController	Installer for installing 3DxSUITE SmartController.
Elysium_3DxSUITE_EX9.1_SmartController_Pro.exe	
3DxSUITE SmartController Pro	Installer for installing 3DxSUITE SmartController Pro.
Elysium_3DxSUITE_EX9.1_TransServer.exe	
3DxSUITE TransServer	Installer for installing 3DxSUITE TransServer.
Elysium_3DxSUITE_EX9.1_WorkerNode.exe	
3DxSUITE WorkerNode	Installer for installing 3DxSUITE WorkerNode.
Elysium_3DxSUITE_EX9.1_Components.exe	
All products except some	This is an installer for batch installation of all products except for some Front-End and Utility Tool products.
Elysium_3DxSUITE_EX9.1_Data_Package_Studio.exe	
3DxSUITE Data Package Studio	Installer for installing 3DxSUITE Data Package Studio.
Elysium_3DxSUITE_EX9.1_Validation_Configurator.exe	
3DxSUITE Validation Configurator	Installer for installing 3DxSUITE Validation Configurator.
Elysium_3DxSUITE_EX9.1_3D_PDF_Adapter.exe	
3DxSUITE 3D PDF Adapter	Installer for installing 3DxSUITE 3D PDF Adapter.

Product Name	Description
Elysium_3DxSUITE_EX9.1_3DEXPERIENCE_Adapter.exe	
3DxSUITE 3DEXPERIENCE Adapter	Installer for installing 3DxSUITE 3DEXPERIENCE Adapter.
Elysium_3DxSUITE_EX9.1_3DXML_Adapter.exe	
3DxSUITE 3DXML Adapter	Installer for installing 3DxSUITE 3DXML Adapter.
Elysium_3DxSUITE_EX9.1_ACIS_Adapter.exe	
3DxSUITE ACIS Adapter	Installer for installing 3DxSUITE ACIS Adapter.
Elysium_3DxSUITE_EX9.1_CADmeister_Adapter.exe	
3DxSUITE CADmeister Adapter	Installer for installing 3DxSUITE CADmeister Adapter.
Elysium_3DxSUITE_EX9.1_CATIA_V4_Adapter.exe	
3DxSUITE CATIA V4 Adapter	Installer for installing 3DxSUITE CATIA V4 Adapter.
Elysium_3DxSUITE_EX9.1_CATIA_V5_Adapter.exe	
3DxSUITE CATIA V5 Adapter	Installer for installing 3DxSUITE CATIA V5(Plug-in) Adapter.
Elysium_3DxSUITE_EX9.1_CATIA_V5_Standalone_Adapter.exe	
3DxSUITE CATIA V5 Standalone Adapter	Installer for installing 3DxSUITE CATIA V5(Standalone) Adapter.
Elysium_3DxSUITE_EX9.1_CATIA_V5_XCAD_Adapter.exe	
3DxSUITE CATIA V5 XCAD Adapter	Installer for installing 3DxSUITE CATIA V5 XCAD Adapter.
Elysium_3DxSUITE_EX9.1_Component_Base.exe	
3DxSUITE Component Base	Installer for installing 3DxSUITE Component Base.
Elysium_3DxSUITE_EX9.1_Creo_Elements_Direct_Adapter.exe	
3DxSUITE Creo Elements Direct Adapter	Installer for installing 3DxSUITE Creo Elements Direct Adapter.
Elysium_3DxSUITE_EX9.1_Creo_Parametric_Adapter.exe	
3DxSUITE Creo Parametric Adapter	Installer for installing 3DxSUITE Creo Parametric(Plug-in) Adapter.

Product Name	Description
Elysium_3DxSUITE_EX9.1_Creo_Parametric_Standalone_Adapter.exe	
3DxSUITE Creo Parametric Standalone Adapter	Installer for installing 3DxSUITE Creo Parametric(Standalone) Adapter.
Elysium_3DxSUITE_EX9.1_Creo_View_Adapter.exe	
3DxSUITE Creo View Adapter	Installer for installing 3DxSUITE Creo View Adapter.
Elysium_3DxSUITE_EX9.1_iCAD_Adapter.exe	
3DxSUITE iCAD Adapter	Installer for installing 3DxSUITE iCAD Adapter.
Elysium_3DxSUITE_EX9.1_IGES_Adapter.exe	
3DxSUITE IGES Adapter	Installer for installing 3DxSUITE IGES Adapter.
Elysium_3DxSUITE_EX9.1_Inventor_Adapter.exe	
3DxSUITE Inventor Adapter	Installer for installing 3DxSUITE Inventor Adapter.
Elysium_3DxSUITE_EX9.1_JT_Adapter.exe	
3DxSUITE JT Adapter	Installer for installing 3DxSUITE JT Adapter.
Elysium_3DxSUITE_EX9.1_Nastran_Adapter.exe	
3DxSUITE Nastran Adapter	Installer for installing 3DxSUITE Nastran Adapter.
Elysium_3DxSUITE_EX9.1_NX_Adapter.exe	
3DxSUITE NX Adapter	Installer for installing 3DxSUITE NX(Plug-in) Adapter.
Elysium_3DxSUITE_EX9.1_NX_I-deas_Adapter.exe	
3DxSUITE NX I-deas Adapter	Installer for installing 3DxSUITE NX I-deas Adapter.
Elysium_3DxSUITE_EX9.1_NX_Standalone_Adapter.exe	
3DxSUITE NX Standalone Adapter	Installer for installing 3DxSUITE NX(Standalone) Adapter.
Elysium_3DxSUITE_EX9.1_OBJ_Adapter.exe	
3DxSUITE OBJ Adapter	Installer for installing 3DxSUITE OBJ Adapter.
Elysium_3DxSUITE_EX9.1_Parasolid_Adapter.exe	
3DxSUITE Parasolid Adapter	Installer for installing 3DxSUITE Parasolid Adapter.

Product Name	Description
Elysium_3DxSUITE_EX9.1_PLM_XML_Adapter.exe	
3DxSUITE PLM XML Adapter	Installer for installing 3DxSUITE PLM XML Adapter.
Elysium_3DxSUITE_EX9.1_Point_Cloud_Adapter.exe	
3DxSUITE Point Cloud Adapter	Installer for installing 3DxSUITE Point Cloud Adapter.
Elysium_3DxSUITE_EX9.1_QIF_Adapter.exe	
3DxSUITE QIF Adapter	Installer for installing 3DxSUITE QIF Adapter.
Elysium_3DxSUITE_EX9.1_SmartLauncher_3DEXPERIENCE.exe	
3DxSUITE SmartLauncher Plug-in for 3DEXPERIENCE	Installer for installing 3DxSUITE SmartLauncher Plug-in for 3DEXPERIENCE.
Elysium_3DxSUITE_EX9.1_SmartLauncher_Base.exe	
3DxSUITE SmartLauncher Base	Installer for installing 3DxSUITE SmartLauncher Base.
Elysium_3DxSUITE_EX9.1_SmartLauncher_CATIA_V5.exe	
3DxSUITE SmartLauncher Plug-in for CATIA V5	Installer for installing 3DxSUITE SmartLauncher Plug-in for CATIA V5.
Elysium_3DxSUITE_EX9.1_SmartLauncher_Creo_Parametric.exe	
3DxSUITE SmartLauncher Plug-in for Creo Parametric	Installer for installing 3DxSUITE SmartLauncher Plug-in for Creo Parametric.
Elysium_3DxSUITE_EX9.1_SmartLauncher_NX.exe	
3DxSUITE SmartLauncher Plug-in for NX	Installer for installing 3DxSUITE SmartLauncher Plug-in for NX.
Elysium_3DxSUITE_EX9.1_SmartLauncher_SOLIDWORKS.exe	
3DxSUITE SmartLauncher Plug-in for SOLIDWORKS	Installer for installing 3DxSUITE SmartLauncher Plug-in for SOLIDWORKS.
Elysium_3DxSUITE_EX9.1_SOLIDWORKS_Adapter.exe	
3DxSUITE SOLIDWORKS Adapter	Installer for installing 3DxSUITE SOLIDWORKS Adapter.
Elysium_3DxSUITE_EX9.1_SolidEdge_Adapter.exe	
3DxSUITE Solid Edge Adapter	Installer for installing 3DxSUITE Solid Edge Adapter.

Product Name	Description
Elysium_3DxSUITE_EX9.1_STEP_Adapter.exe	
3DxSUITE STEP Adapter	Installer for installing 3DxSUITE STEP Adapter.
Elysium_3DxSUITE_EX9.1_STEP_BOM_Adapter.exe	
3DxSUITE STEP BOM Adapter	Installer for installing 3DxSUITE STEP BOM Adapter.
Elysium_3DxSUITE_EX9.1_STL_Adapter.exe	
3DxSUITE STL Adapter	Installer for installing 3DxSUITE STL Adapter.
Elysium_3DxSUITE_EX9.1_VRML_Adapter.exe	
3DxSUITE VRML Adapter	Installer for installing 3DxSUITE VRML Adapter.
Elysium_3DxSUITE_EX9.1_XPDMXML_Adapter.exe	
3DxSUITE XPDMXML Adapter	Installer for installing 3DxSUITE XPDMXML Adapter.
Elysium_3DxSUITE_EX9.1_XVL_Adapter.exe	
3DxSUITE XVL Adapter	Installer for installing 3DxSUITE XVL Adapter.

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