

# Installation Guide

Visure Requirements ALM 8.1

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## 1 Introduction

This guide contains the necessary information to perform a correct installation of Visure Requirements 8 ALM (VR). The **Visure Requirements 8 ALM** installation package contains the modules **Visure Requirements 8 ALM Client** and **Visure Requirements 8 ALM Administration Center**

### 1.1 Types of installation

There are two types of **Visure Requirements 8 ALM** installation:

- **Standard installation:** the installation must be performed by a user with system administration privileges in each computer. This is independent of the license that is going to be used by the user.

For additional information see the following chapters:

- **Unattended installation:** this installation does not require user interaction. With the following steps it is possible to create an unattended installation file:

1. Open a text editor and insert in it the following command.

```
msiexec /qb /i "VisureRequirements_vX.X.X.msi" /L* FileName.log
INSTALLLEVEL=100 SERVER=1
```

0. Modify the text in bold with the parameters that correspond to your configuration:

- a. **X.X.X**: identification of the **Visure Requirements 8 ALM** version (for example, 8.1.0).

0. Save the file as "Unattended\_Install.bat", selecting in the 'Save as type' dropdown list the option 'All files (\*.\*)'.

Options available for **Visure Requirements 8 ALM** unattended installation:

/L\* Filename.log: Creates a log file (Optional)

/qn : no dialog appears.

/qr : **Visure Requirements 8 ALM** installer dialog with progress bar appears.

/qb : Windows installer progress bar appears.

The unattended installation file must be launched by a user with the role of operating system administrator assigned in each computer.

## 2 Compatibility

### 1. Warnings

- Commercial open database Microsoft SQL Server 2005 is no longer supported. Microsoft ended the extended support for SQL Server 2005 on April 12, 2016 (<https://www.microsoft.com/en/server-cloud/products/sql-server-2005/>).
- In order to comply with GDPR, throughout 2019 several applications have implemented additional authentication steps. Several integrations may no longer work using the user's



username and password and may need to request an API Token. Examples of these integrations include Atlassian JIRA and Azure DevOps.

## 2.1 Compatibility

### WARNING

Please review this list carefully, as there may be database changes that can affect compatibility between versions.

Visure Requirements ALM 8 use a new database schema, that means that previous versions database (Visure Requirements 6.x, 7.x) needs to be migrated. The migration to the new database schema is automatically performed by opening Visure Database with Visure Administration Center 8 with the “Admin” user.

Once the database is migrated to the latest version, previous Visure Requirements versions will not be able to access the database.

The following product versions are compatible with Visure Requirements ALM 8.1:

### IMPORTANT NOTE:

- Visure Templates 6.x and 7.x: Templates created with an older version of Visure will not be compatible.

### NOTE:

In order to migrate project templates to the latest version, create a new Visure project in Visure Requirements 6.x/7.x and then migrate the repository to Visure Requirements 8.1

- Visure Report Manager 8.1
- License Server (X-Formation)
  - Integrations:
    - Visure Requirements integration with Atlassian JIRA 8.1
    - Visure Requirements integration with Azure DevOps 8.1
    - Visure Requirements integration with HP ALM 8
    - Visure Requirements integration with Enterprise Architect 8.1
    - Visure Requirements integration with GitLab 8.1
  - Add-ins:
    - MS Word Import plugin 8.1
    - MS Excel Import plugin 8.1
  - Plugins:
    - Traceability Parser 8.1





- Source Code Parser 8.1
- Test Management 8.1
- Risk Management 8.1
- Visure Quality Analyzer 8
- XRI Import / Export 8.1
- ReqIF Import Export 8.1
- VR Formulae plugin 8.1
- Review Session Creation 8.1
- Item Templates 8.1

## 3 System requirements

### 1. Hardware

<b>Processor:</b>	Multicore processor recommended for better performance (INTEL I3 or higher)
<b>Hard Disk Drive:</b>	1 GB minimum free space
<b>RAM memory:</b>	2 GB of free memory is recommended
<b>Network connection:</b>	Your internet connectivity needs to support at least <b>40 Mbps downstream</b> and <b>5 Mbps upstream</b>

### 0. Software:

#### 1. Operating Systems

These are the supported Operating Systems:

- Microsoft Windows Server 2008 / Microsoft Windows Server 2008 R2
- Microsoft Windows Server 2012 / Microsoft Windows Server 2012 R2
- Microsoft Windows Server 2016
- Microsoft Windows Server 2019
- Microsoft Windows 7: 32 and 64-bit
- Microsoft Windows 10: 32 and 64-bit
- Microsoft Windows 11: 32 and 64-bit

#### 3.1.1.1 Databases

The commercial open databases supported by **Visure Requirements 6 ALM** are the following:

- Microsoft SQL Server: 2008, 2012, 2014, 2016, 2017, 2019
- ORACLE: 10, 11, 12C, 19C
- Postgres 13, 14



For smaller deployments, with a relatively small number of items (< 5000 items) and concurrent users (< 5 concurrent users) the following databases are currently supported:

SQL Server Express  
Oracle Database Express

These databases have built-in performance restrictions. Visure highly encourages to review these restrictions before deploying them.

## 0. External Dependencies

- Visual C++ Redistributable for Visual Studio 2015-2022 x86
- Visual C++ Redistributable for Visual Studio 2015-2022 x64
- .NET Framework 4.8

## 4 Beta evaluation

If you are installing this version for beta purposes, you may need to observe the following notes.

### **WARNING**

DO NOT open your production environment with versions 7 or older with this version. If you do so, the database will be migrated, and you will no longer be able to open it with your older version.

### **NOTE**

It is possible to execute several versions of Visure Requirements on the same machine, but it will only be possible to have one version fully installed.

It is recommended to install this version on a different machine.

However, if you would like to have several versions on your own computer, follow these steps:

- Go to the installation folder, typically C:\Program Files (x86)\ and duplicate the VisureRequirements folder.
- Rename the VisureRequirements folder to VisureRequirementsOld, or any other name that will help you remember the folder you duplicated.
- Create a shortcut in your desktop to the VisureRequirements.exe and VisureRequirementsAdmin.exe file, naming them in a way that will help you identify the version they belong to. You will be able to use these versions as usual.
- Uninstall your current version of Visure Requirements.

### **WARNING**



Before uninstalling, make sure you have your original installation files, to be able to install it back after the evaluation. You may also download the latest official version from the Visure Community Portal.

- Install the evaluation version

You should now have two shortcuts on the desktop, one belonging to the original version, and another one for the beta version.

### **WARNING**

While working with the duplicated version, you may not be able to generate reports from the Visure Report Manager.

If you would like to use the evaluation version for an extended period of time, we recommend that your main installation corresponds to your production version.

Therefore, copy and paste the VisureRequirements folder inside Program Files (x86), uninstall it and install the Visure Requirements version that corresponds to your database schema.

## **5 5 Visure Requirements 8 ALM Installation from scratch**

### **1. Installation packages**

- Visure Requirements 8 ALM **Standard Installation Package:**  
VisureRequirementsALMClient\_vX.X.X.exe.zip file
- Visure Requirements 8 ALM **Unattended Installation Package:**  
VisureRequirementsALMClient\_vX.X.X.msi.zip file

During the installation process, the installation program will perform a series of checks previous to the **Visure Requirements 8 ALM** installation. The installation program will check whether certain Microsoft components are installed in the system and in the proper version for the correct performance of **Visure Requirements 8 ALM**. In case any of these components is not installed or the installed version is not correct, the installation program will automatically install/update it and will request to restart the PC in order to continue with the installation process.

### **0. Download, install and register files**

### **1. Process to follow**

#### **1. Download the installation packages**

To download the installation packages you must enter Visure's Community:

<https://visuresolutions.com/support/> Click on Visure Community and introduce your Username and Password.



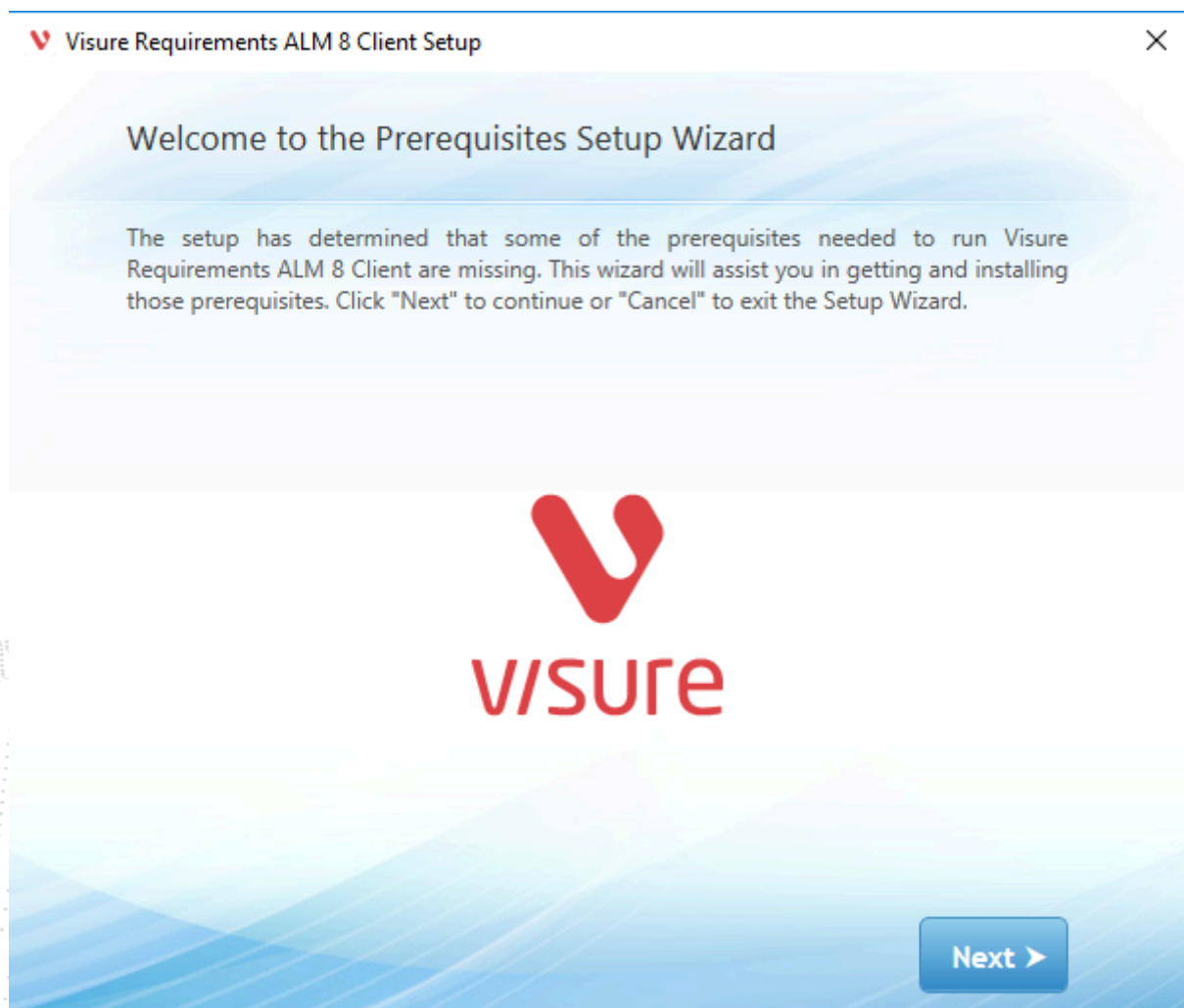
Click on the Visure Downloads and select Visure Requirements ALM 8 Installation Package

## 0. Install Visure Requirements 8 ALM

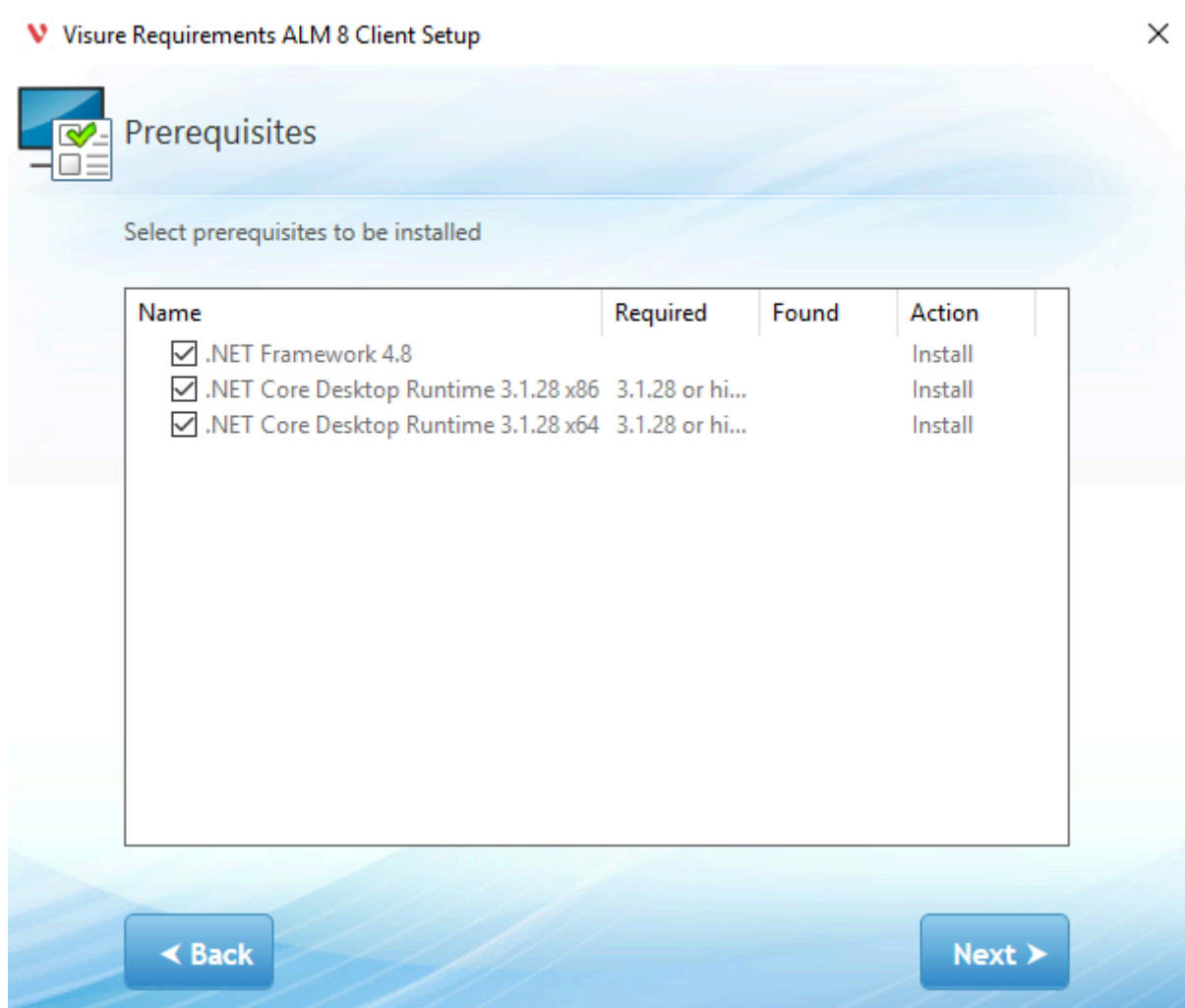
The steps to follow in the installation process are:

### Step 1: Start dialog

The **Visure Requirements 8 ALM** installation process begins with the start dialog:





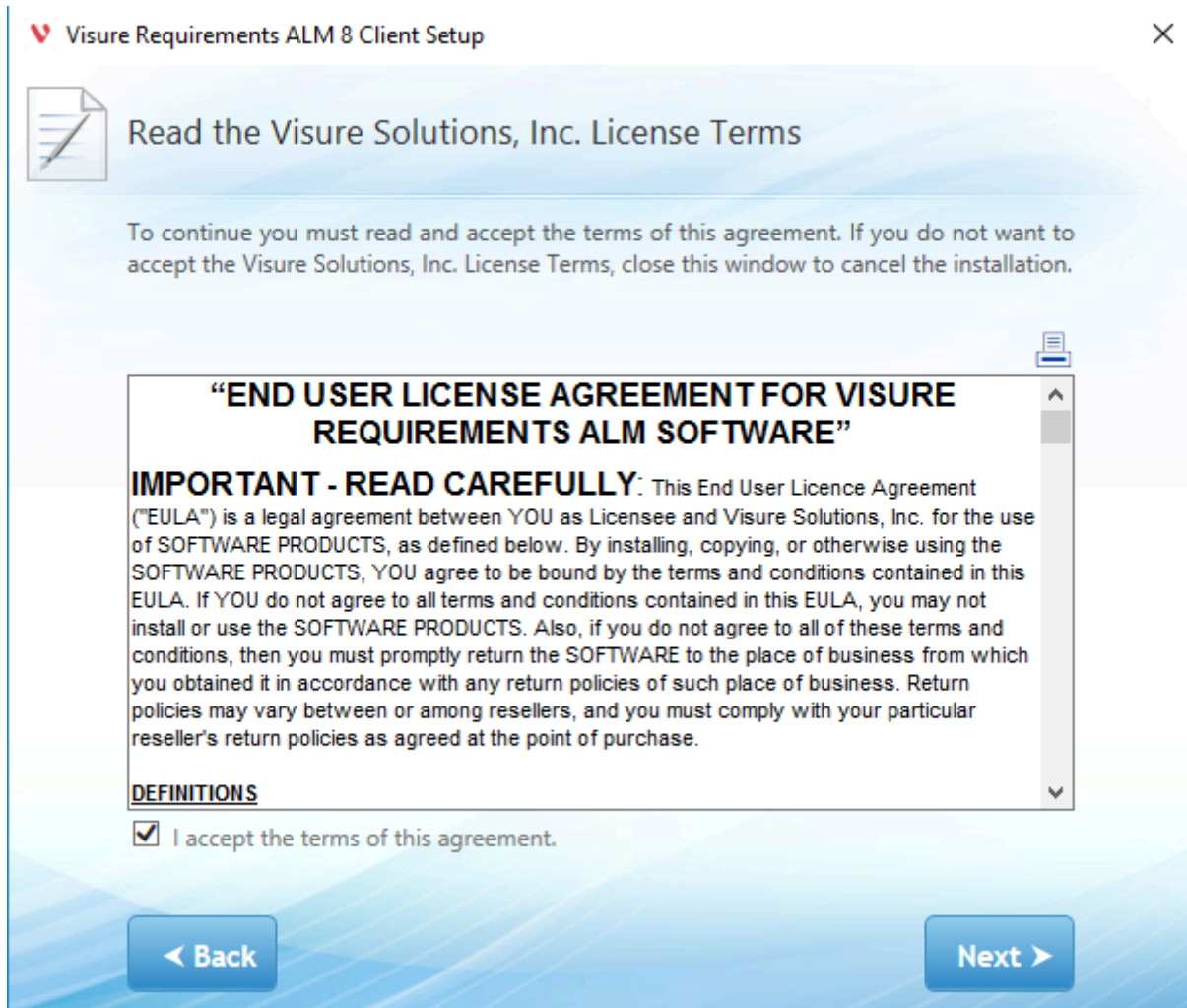


Click on the 'Next>' button to continue with the installation process.

## ii. **Step 2: License Agreement**

Read the license agreement, and if you agree select 'I accept the terms in the license agreement' option and click on 'Next>' in order to continue.

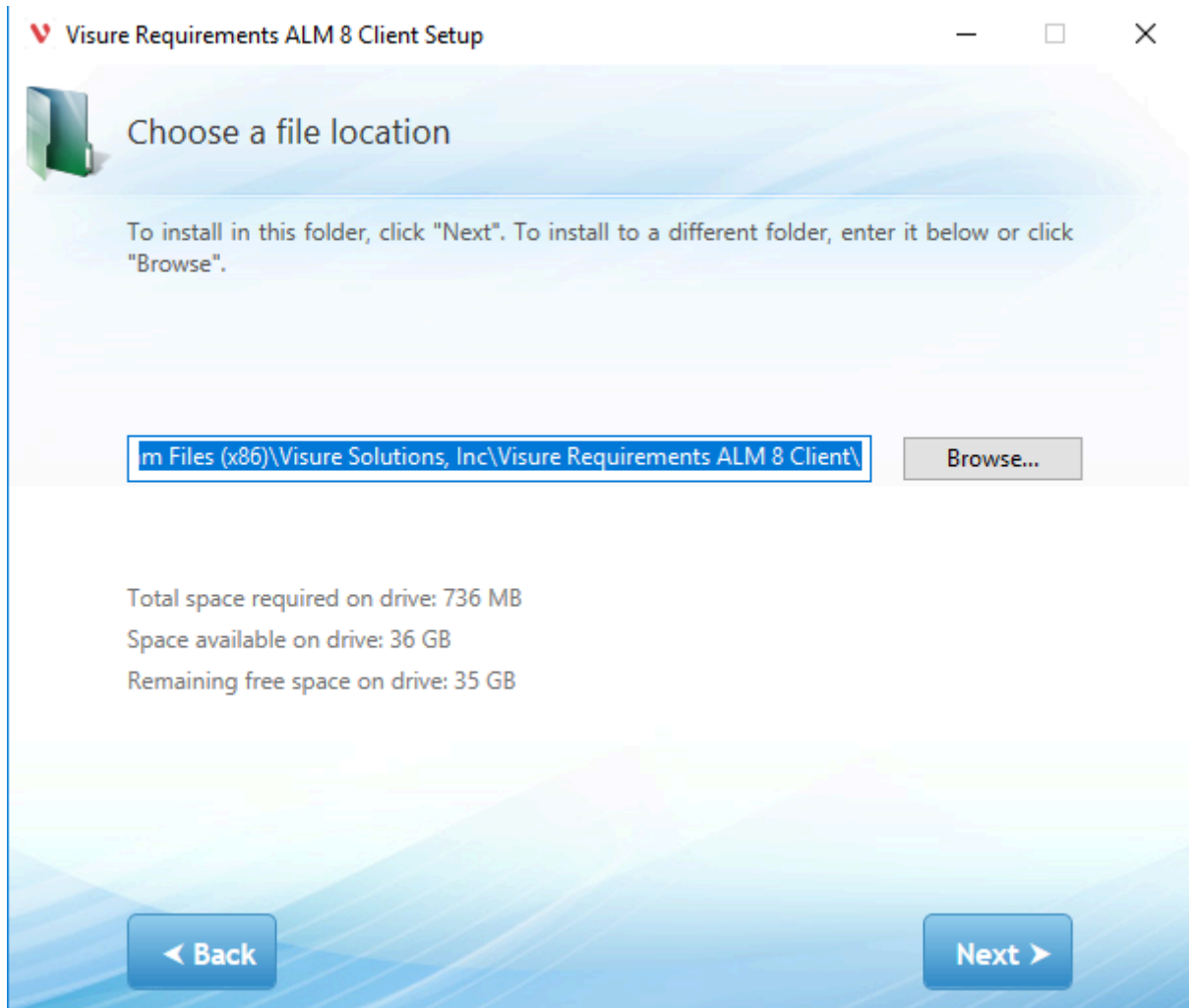
If you do not agree with the EULA please cancel the installation.



### iii. Step 3: Select the location to install the tool

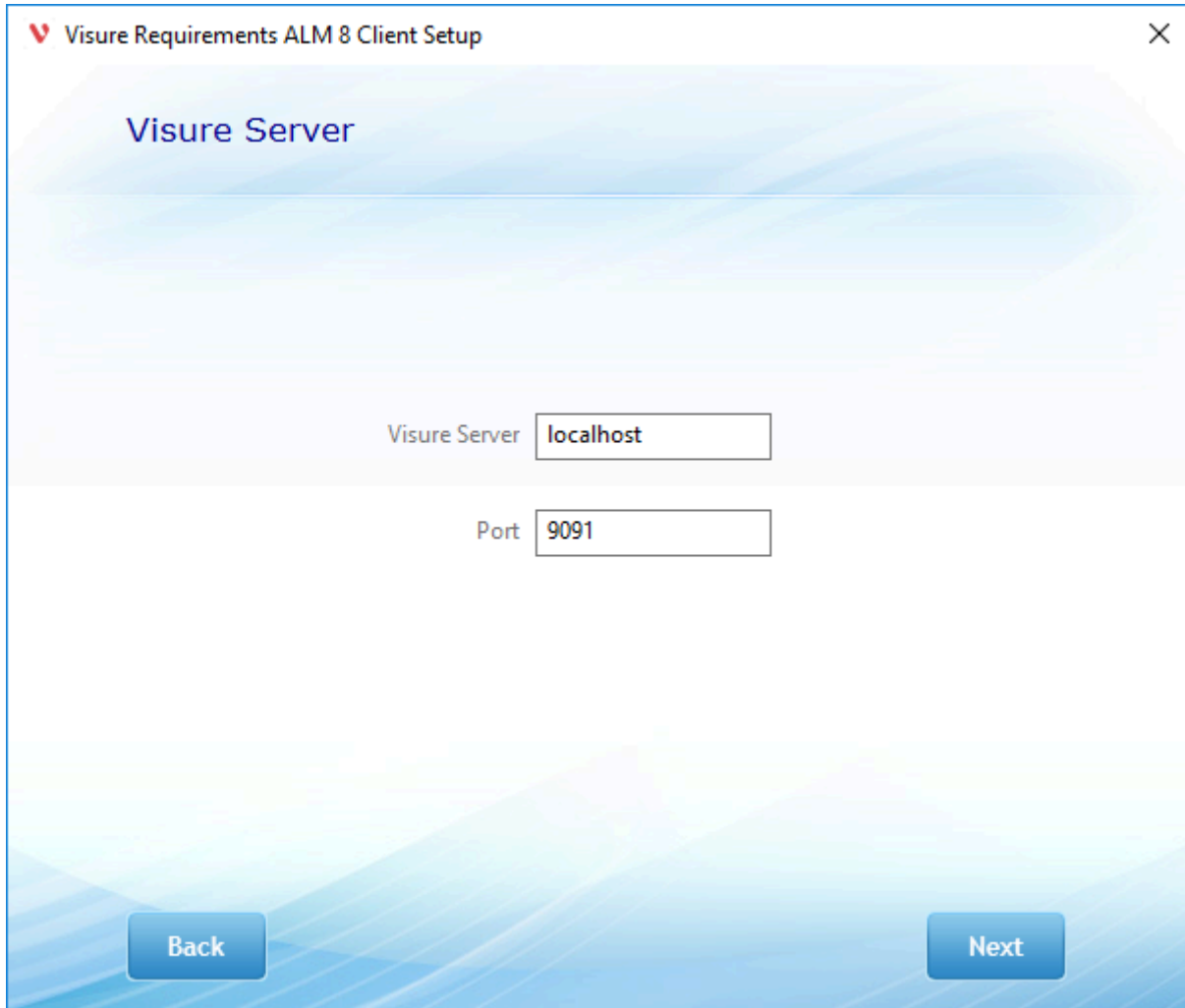
Select the location to install the **Visure Requirements 8 ALM** files and the Tutorial information (files and databases).

Notice that the Tutorial databases will be shared by all users in the machine; they should be located in a "Working folder" with public access. Administration privileges must not be needed to save information in that location.



## iv. Step 4 Server connection


In the following dialog, introduce server name and port where VisureRequirementsALMServer is configured:



The image shows a Windows-style window titled "Visure Requirements ALM 8 Client Setup". The window has a blue header bar with the title and a close button (X). Below the header, the text "Visure Server" is displayed in a large, blue font. Underneath, there are two input fields: "Visure Server" with the value "localhost" and "Port" with the value "9091". At the bottom of the window, there are two blue buttons: "Back" on the left and "Next" on the right. The background of the window features a light blue and white abstract pattern.

Select security certificate file (.crt) in the case that Visure Server has been installed with security certificate:




Visure Requirements ALM 8 Client Setup
×

## Certificate

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Would you like to use a certificate to connect to the Visure server?

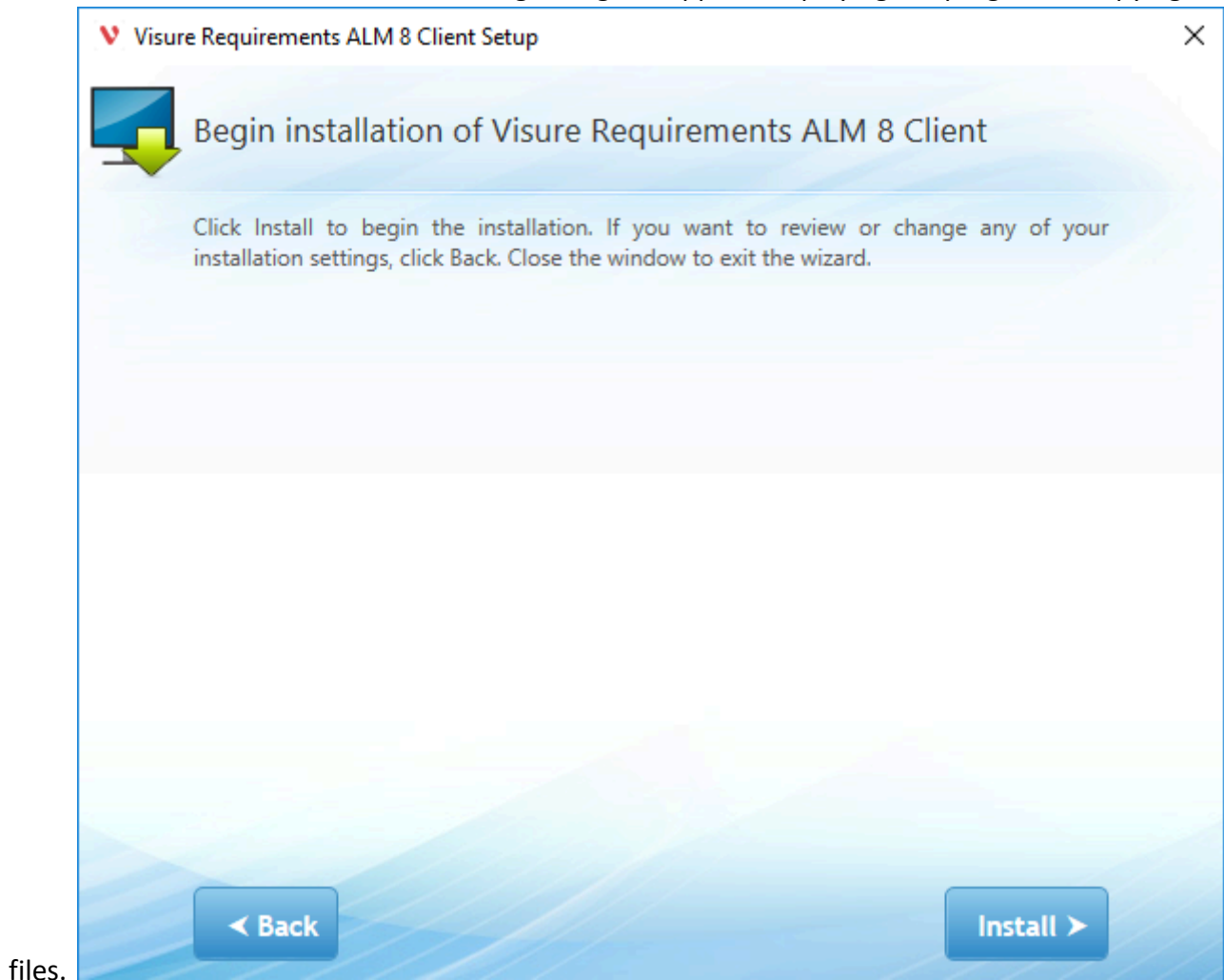
☒ No  
☐ Yes

Select certificate:

## v. Step 6: Installation confirmation

In the following dialog, the installation program will inform you that the installation is ready to start.

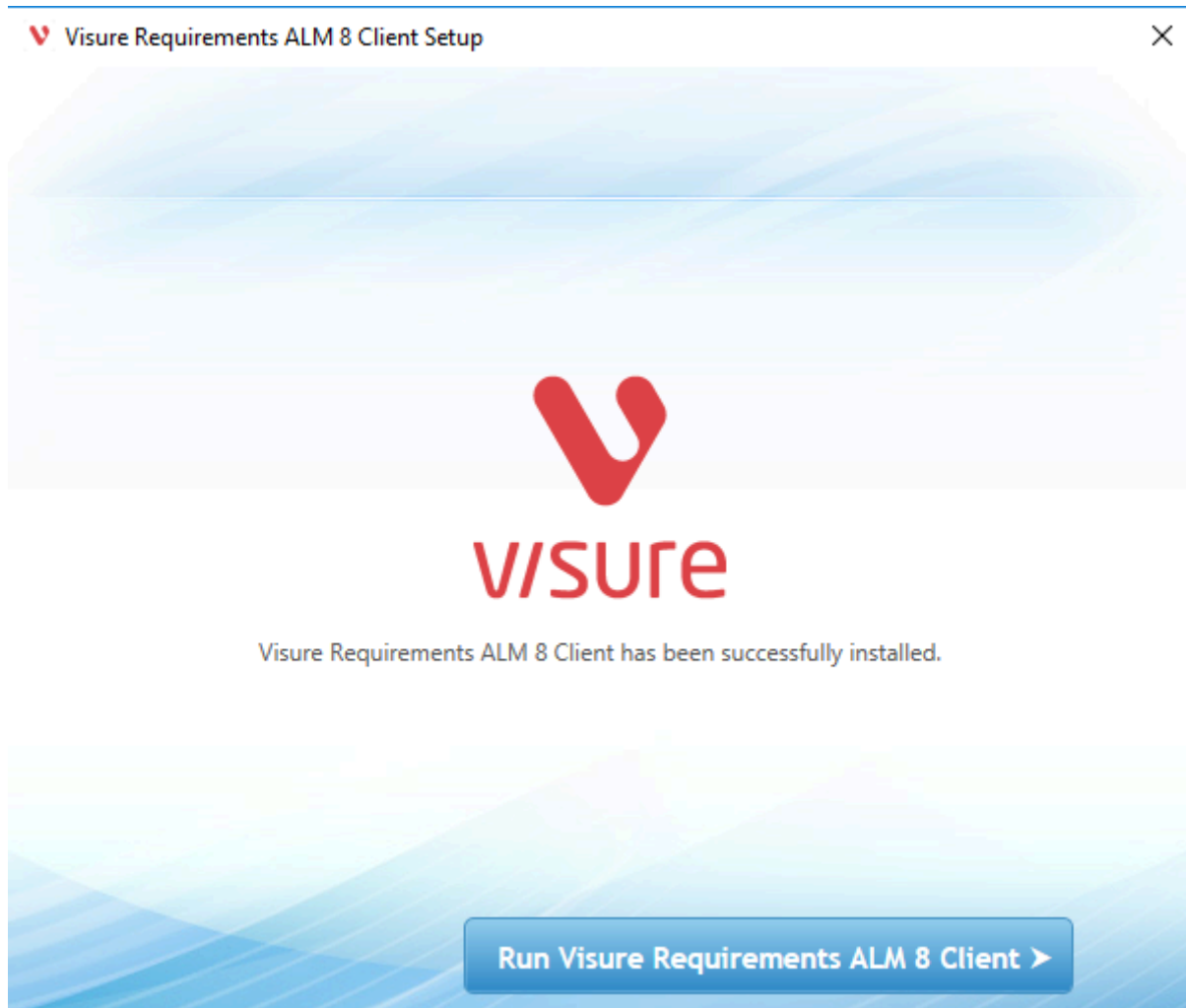
Click on 'Next>' to continue. The following dialog will appear, displaying the progress in copying



files.

## vi. Step 7: End of the installation

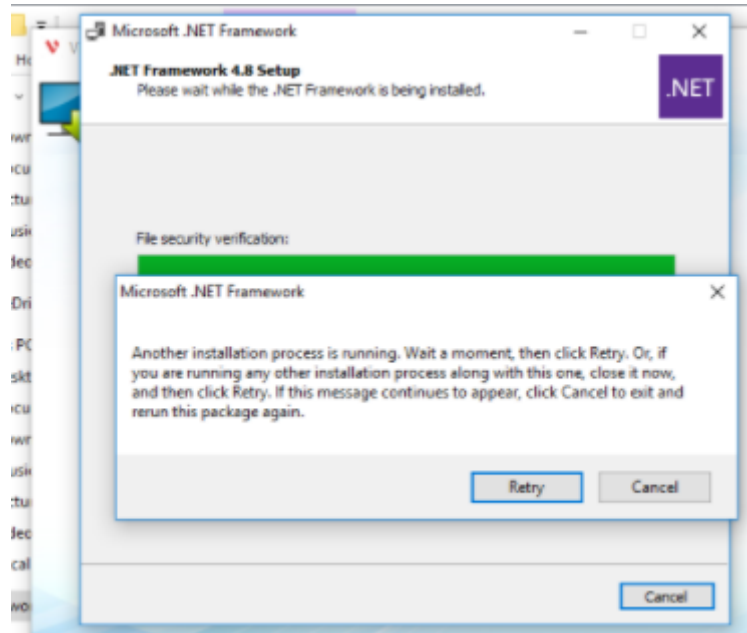
Once all the files have been copied, the following dialog will appear.



## 6 Troubleshooting

### 1. The installer does not install automatically .net framework 4.8

If you face the following situation during the installation process:



We recommend installing .net framework manually , you can download the installation package from the following link