CivilFEM

Installation Guide

CivilFEM Installation Guide

1. Introduction 3

2. Hardware and Software Requirements 4

2.1. Platform and Operating Systems 4

2.2. Graphic Card 4

2.3. Minimum Requirements 4

2.4. Recommended Hardware 4

3. Installation of Marc Student Edition 5

4. Installation of CivilFEM 9

4.1. License file 9

4.2. CivilFEM Student Installation 9

5. Running CivilFEM 13

5.1. Updates 13

5.2. License 13

1. Introduction

Welcome to CivilFEM Installation Guide. User will find below step-by-step instructions to install CivilFEM Student which is the main program and then Marc Student software, needed for meshing and solving.

There are two different programs with their own installation process.

Please visit first www.civilfem.com and register as a student. Once your registration is done then you can log in and download the software.

You can follow instructions in this tutorial from our CivilFEM Video Channel.

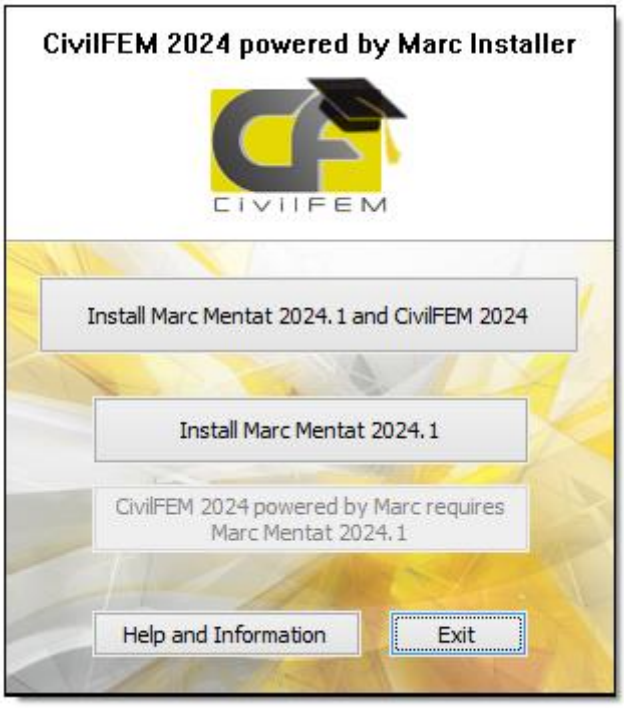
A typical installation on a Windows machine (choosing the default installation directory) installs the CivilFEM Student in \Program Files\CivilFEM and Marc in \MSC.Software, located on the same drive as the operating system.

The academic license for this product is valid for approximately 2 years from the installation date.

This version should only be used for academic work.

The student version is designed for academic simulation only: there are limits of 50,000 nodes, 10,000 2D elements and 1,000 beam elements in the model.

The installation now has a wizard that launches both: MSC and CivilFEM installations:



2. Hardware and Software Requirements

2.1. Platform and Operating Systems

PLATFORM	OPERATING SYSTEM
Intel x64 / AMD64	Windows 10 (Creator's Update)

2.2. Graphic Card

- **Minimum**: OpenGL 3.1 and GLSL 1.4 compatible graphic card.
- It is advisable to have a 3D graphic card with updated **OpenGL** drivers.

2.3. Minimum Requirements

- **Administrator privileges** are required to install the software.
- Internet connection for software updates.
- **3 GB** space is needed in the hard disk for the installation of the software (1 GB for CivilFEM and 2 GB for Marc). Additional space is needed to work with the models (depending on the size of the models), but a minimum of 10 GB more free space is recommended to start working.
- A minimum of **8 GB of RAM** is recommended to properly work with this version**.**

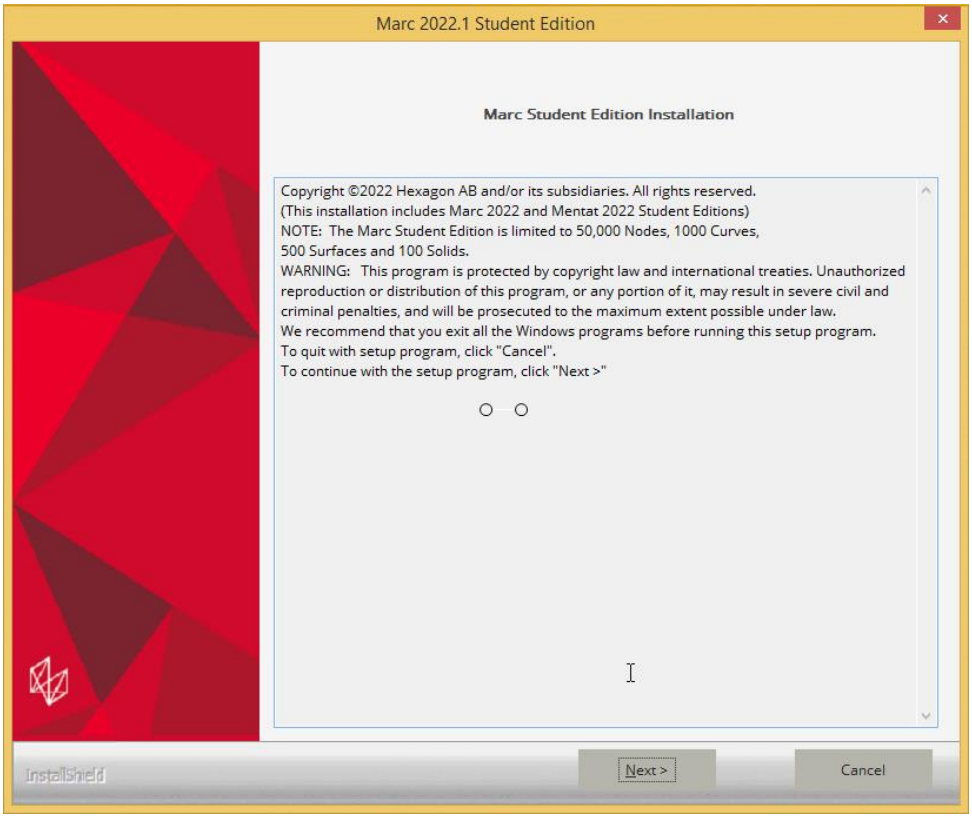
2.4. Recommended Hardware

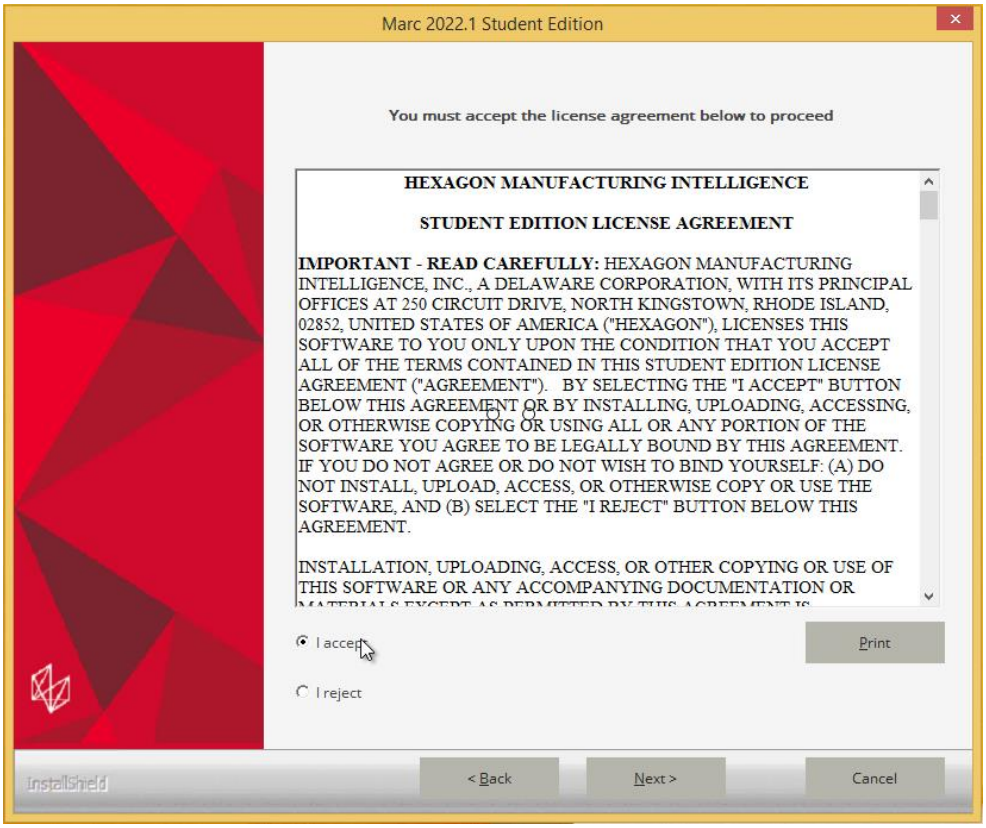
- To properly work with big models, **16 GB of RAM** or more are recommended**.**
- A primary SSD hard disk is recommended to install the software to improve the general speed.
- To have enough hard disk space to work with big models, a secondary hard disk of 1 TB or more is recommended.

3. Installation of Marc Student Edition

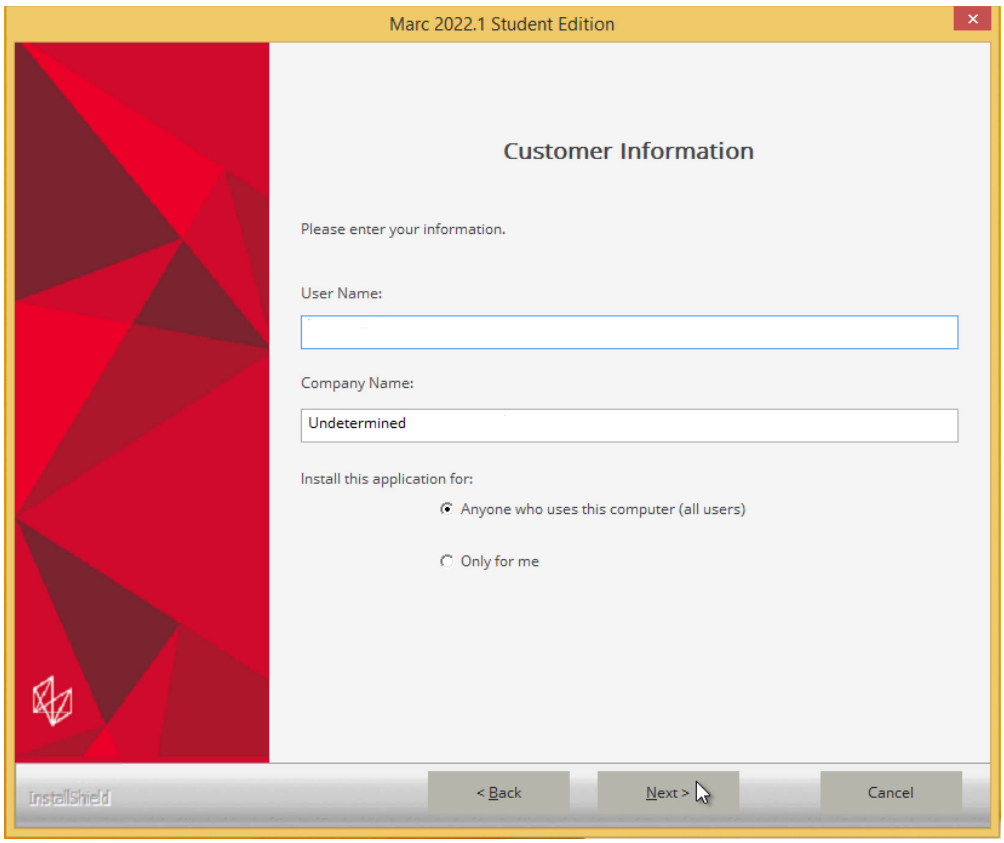
Once the installer is completely downloaded run the InstallShield Wizard which will guide you through the rest of the setup process. CivilFEM supports **Marc 2024.1**.

- Click ***Next*** and accept the *Student Edition License Agreement*.

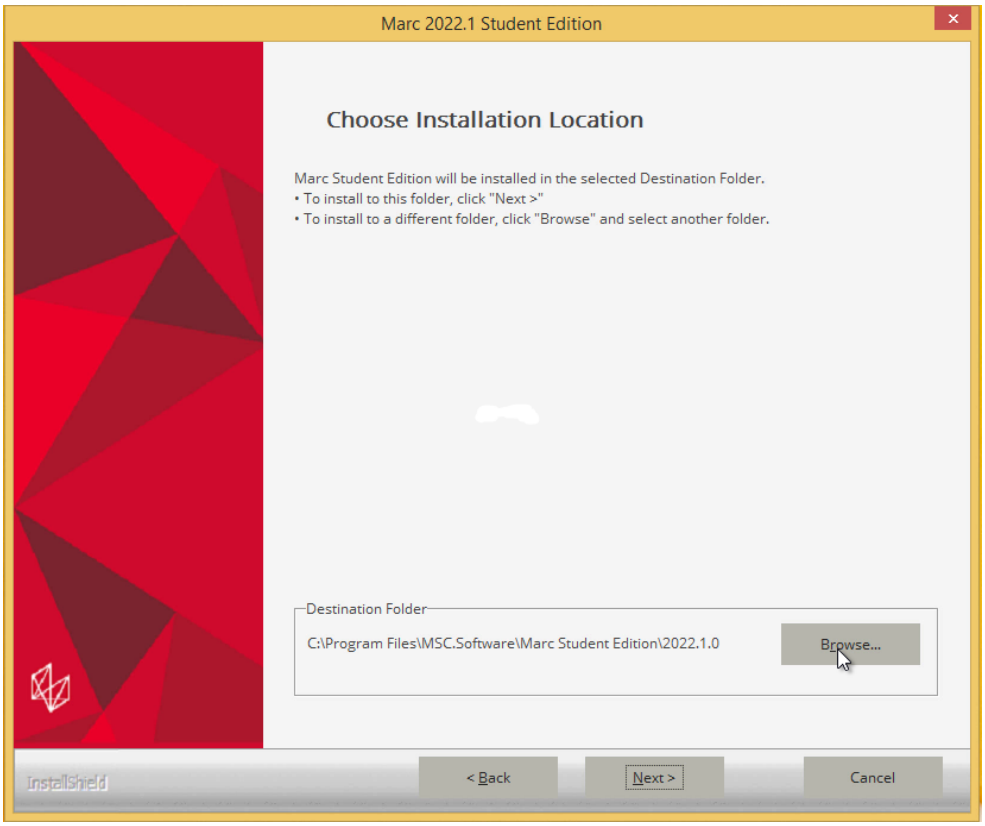




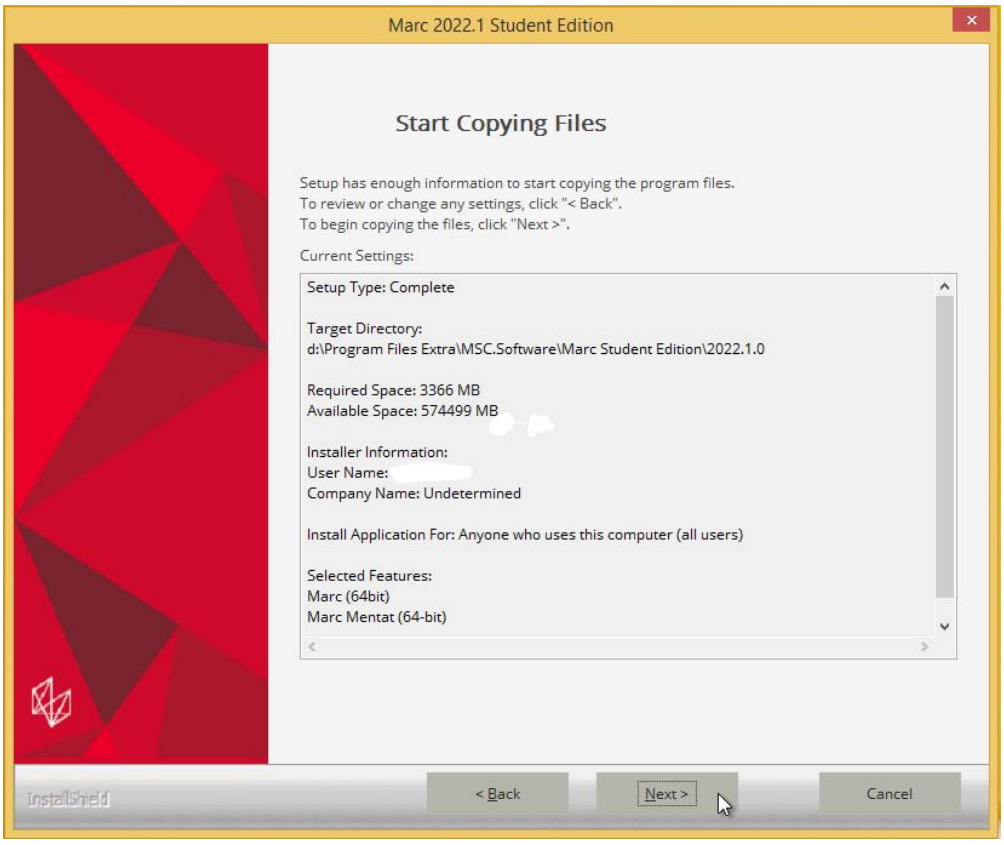
Enter ***Customer Information***.

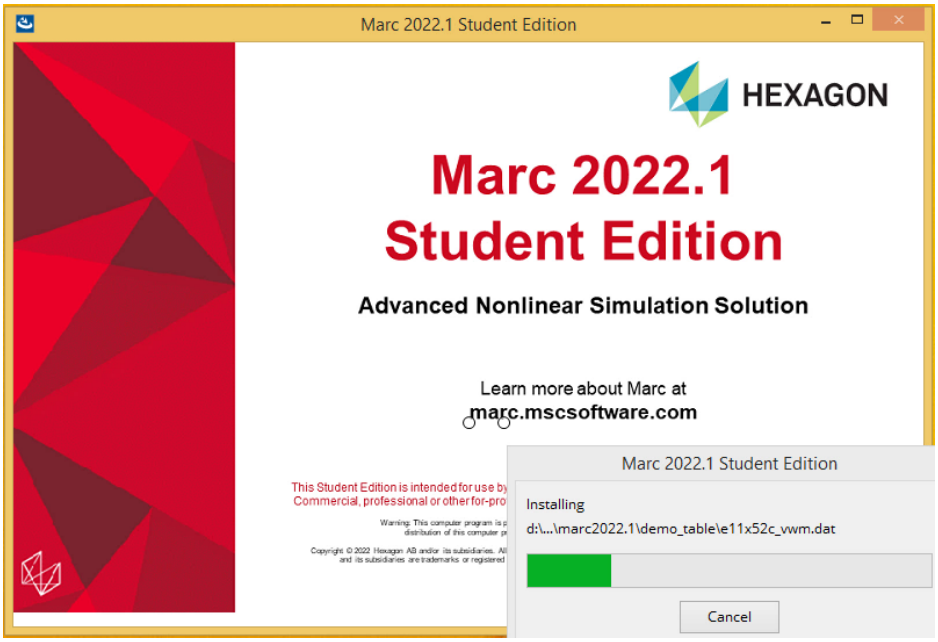


Leave **default** *Destination Folder* or choose a new one. Then click ***Next***.

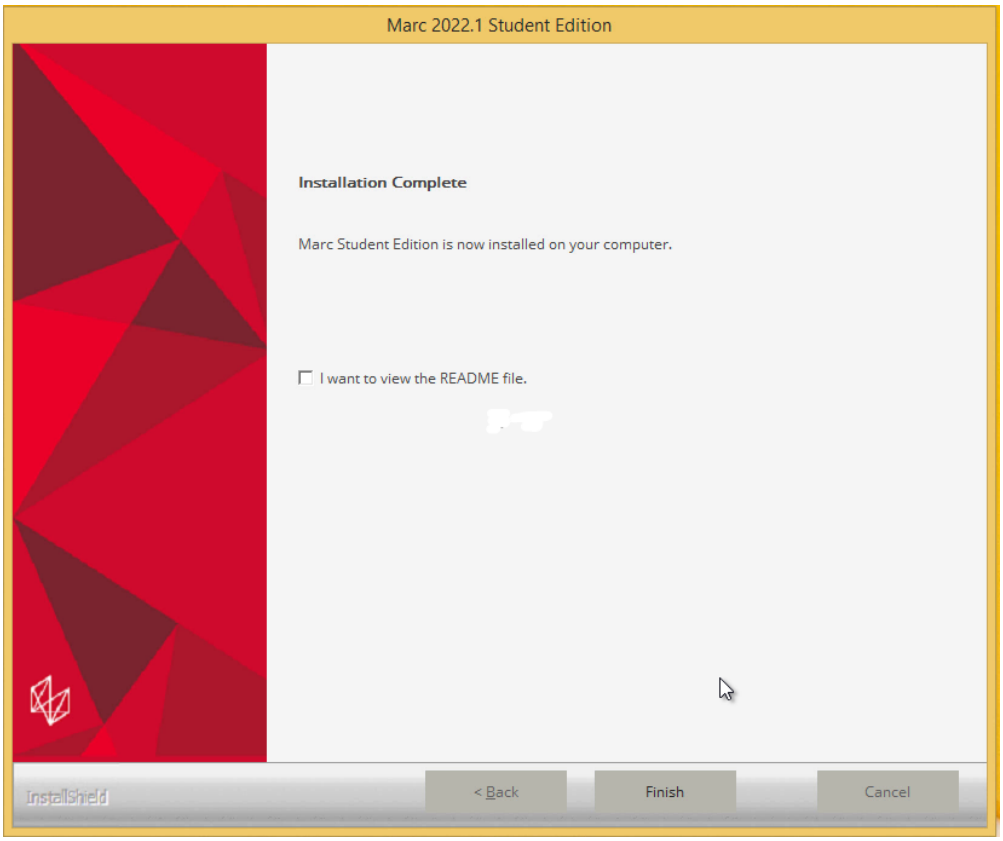


- Files will start to **copy**.





- Once the Marc installation procedure has finished start with CivilFEM Student installation.



4. Installation of CivilFEM

4.1. License file

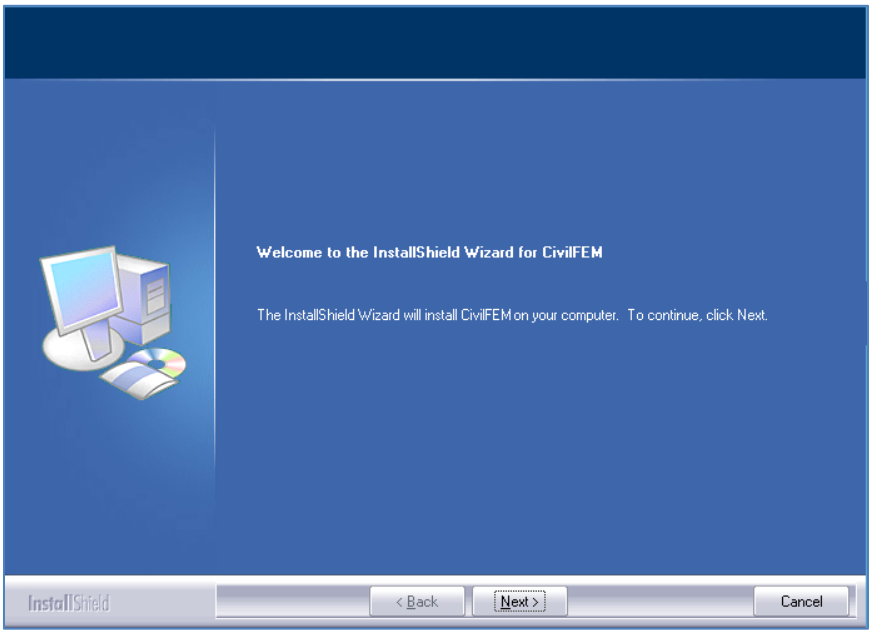
The Student installation automatically installs a generic limited license that will expire in about one year. Once the installed license expires, **Students** can download a new generic limited license by **registering at CivilFEM Customer Portal on the website www.civilfem.com**.

This student limited license can be used on any computer, so Students do not need to send the host-id information. Student local licenses cannot be accessed remotely!

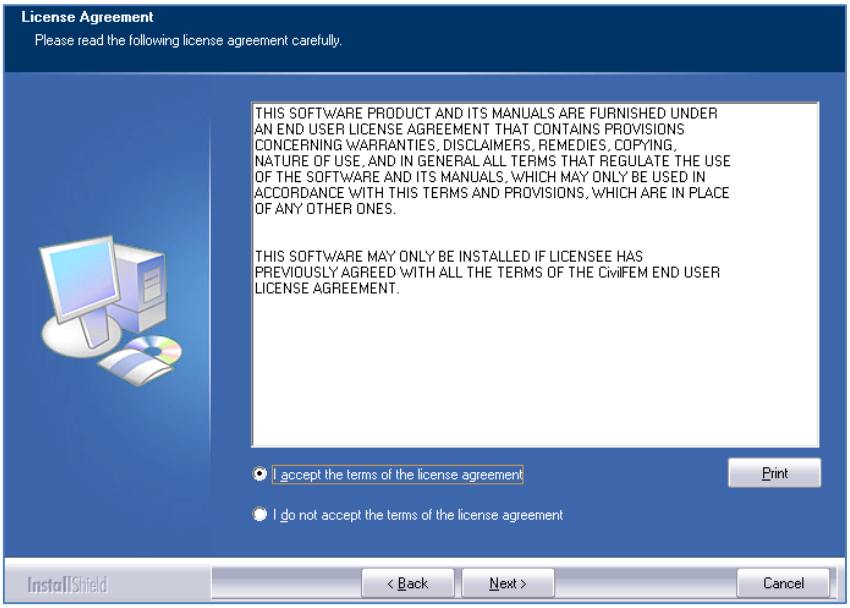
4.2. CivilFEM Student Installation

Please download CivilFEM Student and then run the installation file.

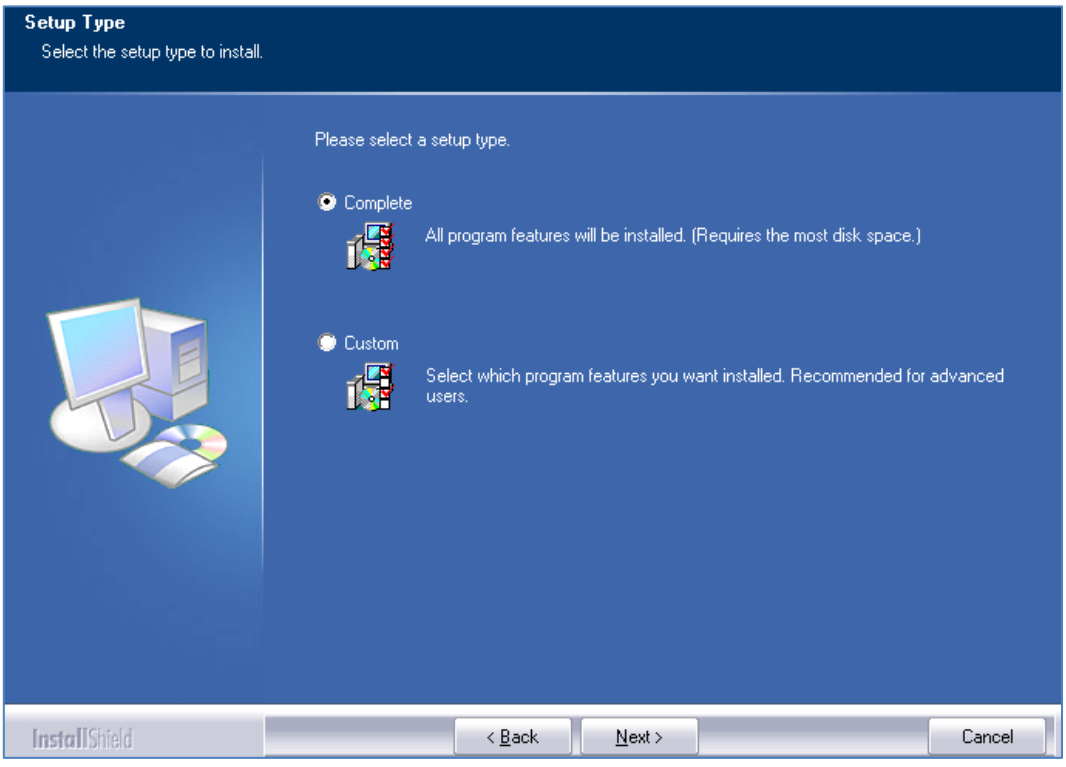
a) Begin installation and click ***Next***.



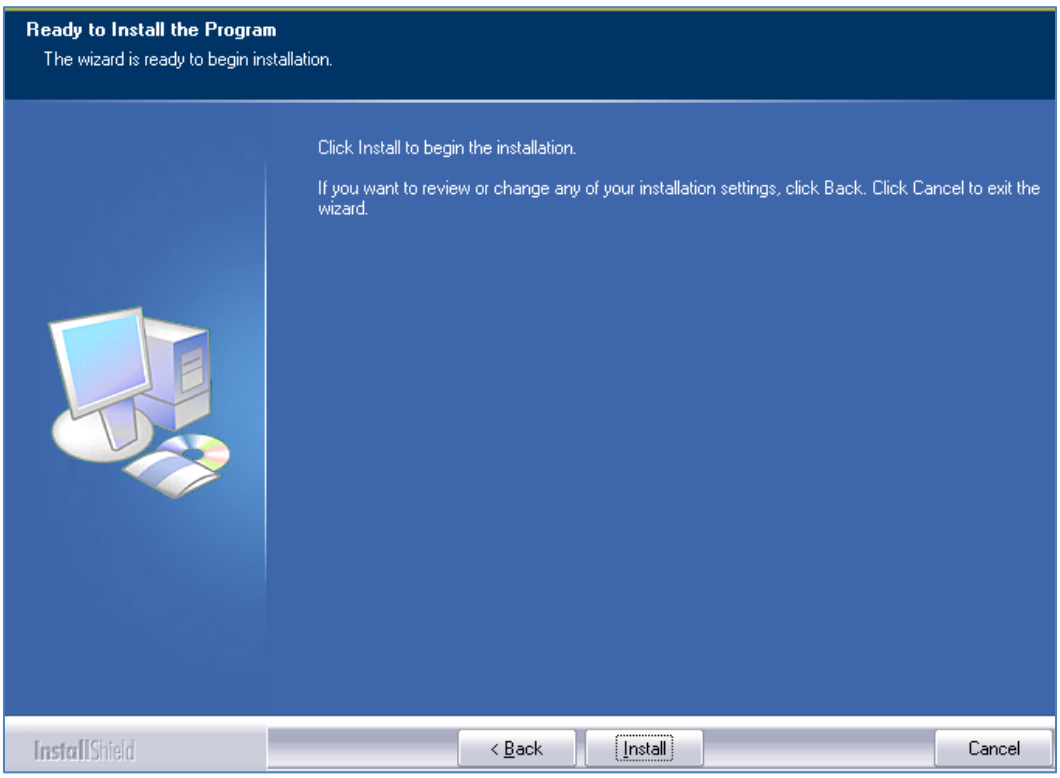
b) **Accept** the License Agreement and click ***Next***.



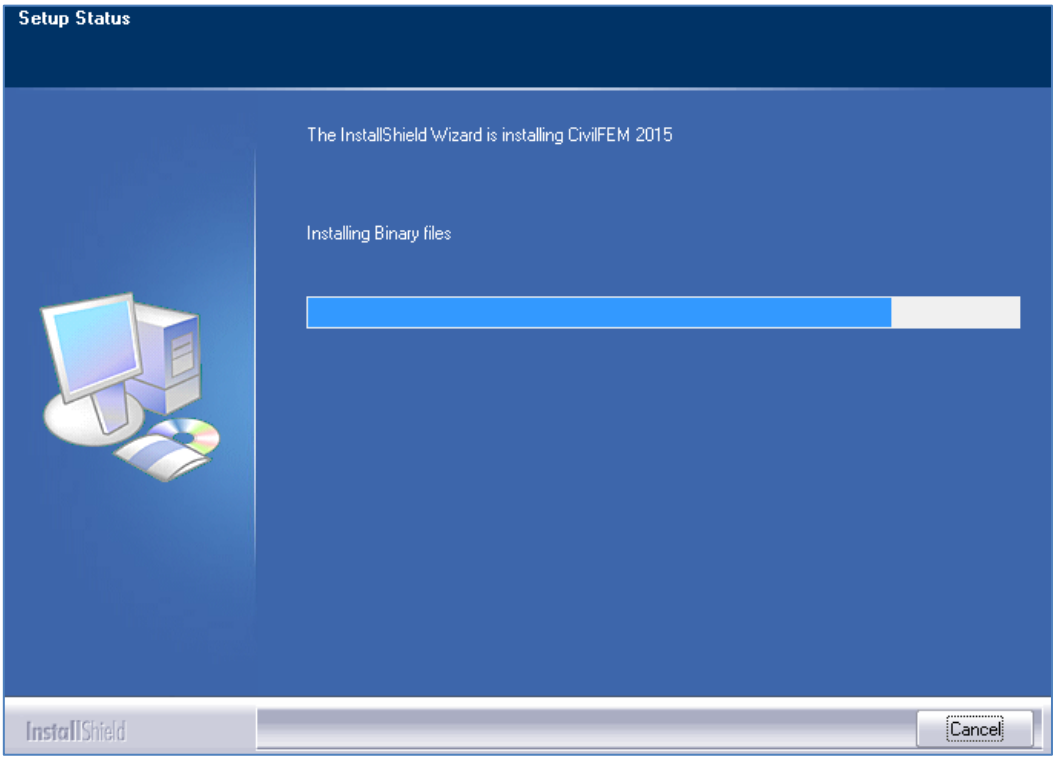
c) Select a setup file: ***Complete*** (full components installed), ***Custom*** (options for installation folder, include or not software documentation will appear and borrow license utility). Then click ***Next***.



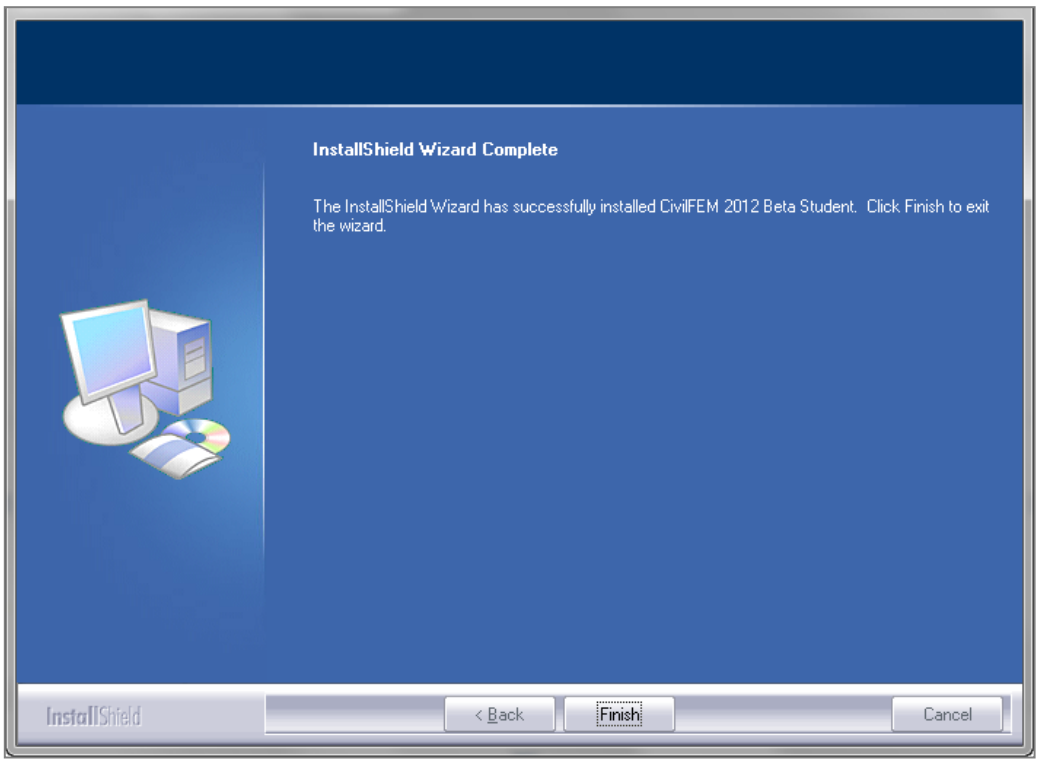
d) Click ***Install*** to begin the installation.



e) **Wait** until installation progress finishes.



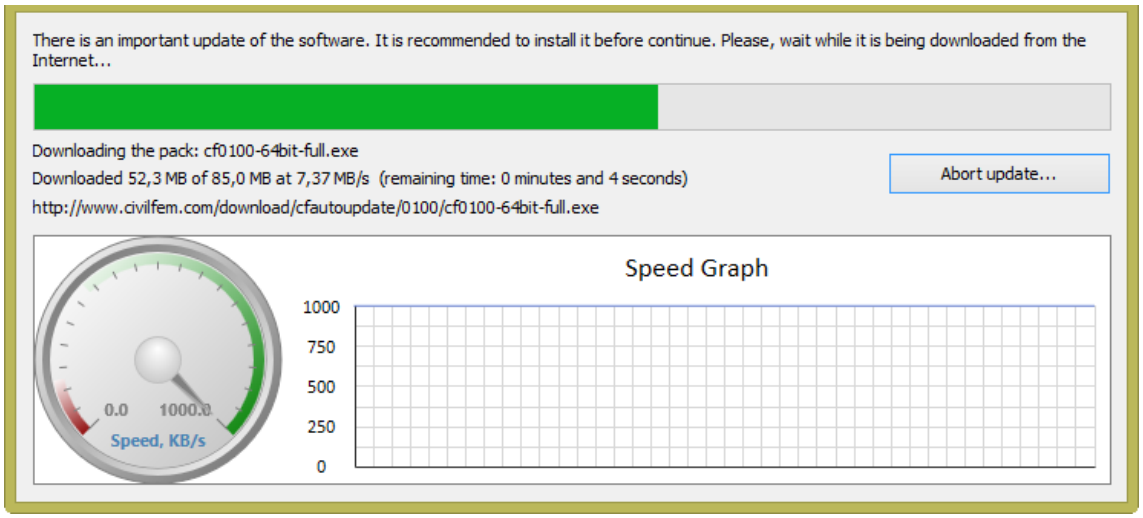
f) When installation is complete click ***Finish***.

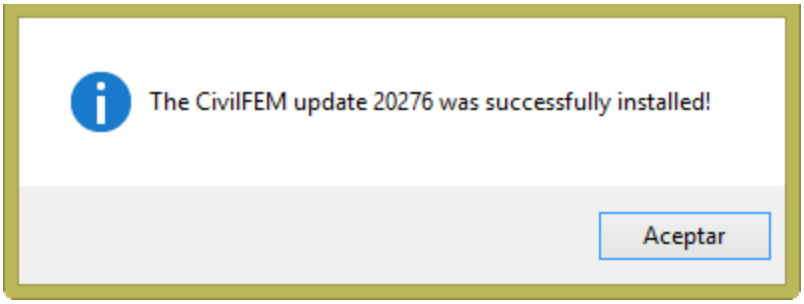

InstallShield Wizard Complete
The InstallShield Wizard has successfully installed CivilFEM 2012 Beta Student. Click Finish to exit the wizard.
InstallShield
< Back
Finish
Cancel

5. Running CivilFEM

5.1. Updates

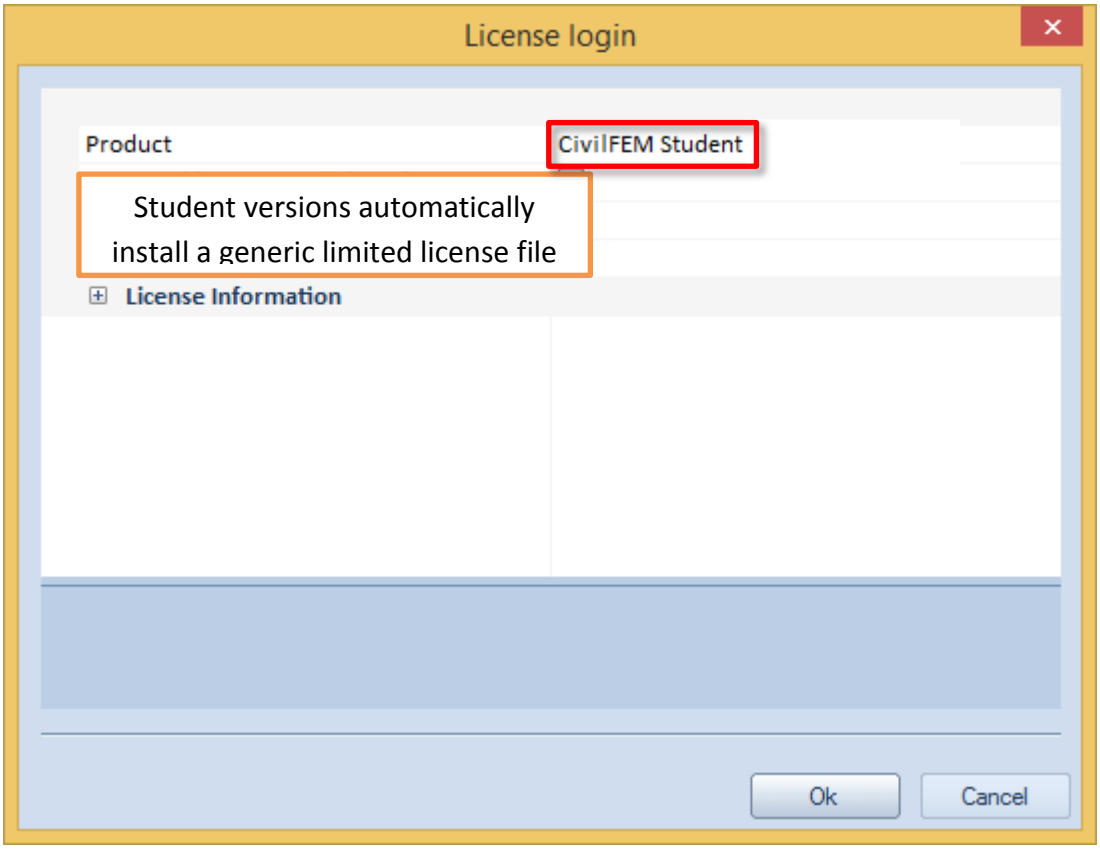
If there is any important update and internet connection is available then it will be automatically downloaded and installed.





5.2. License

Student license is available for this version, then a similar window to this one will appear, just click OK to continue.


License login
Product
CivilFEM Student
Student versions automatically install a generic limited license file
License Information
Ok
Cancel

Unauthorized use, distribution or duplication is prohibited.

Ingeciber S.A. Copyright. All rights Reserved.

All other trademarks are property of their respective owners.