

Installation Guide

CUT-SIM

TOOL PATH SIMULATION

CIM-TECH 
AUTOMATED CAD/CAM SOLUTIONS

CutSim User's Guide

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Minimum System Requirements

For 64-bit Systems

- Microsoft® Windows® 11 (64-bit) or Microsoft® Windows® 10 (64-bit) version 1809 or above.
- 2.5-2.9 gigahertz (GHz) or greater (Recommended: 3.0+ GHz or greater, 4 or more cores). ARM Processors are not supported.
- 8GB of RAM (16GB or more for 3D Modeling)
- 10GB or more Free disk space for Installation (40GB or more for 3D Modeling). SSD suggested.
- 1920 x 1080 True Color video display adapter 128 MB or greater, Pixel Shader 3.0 or greater, Direct3D®-capable workstation-class graphics card (3840 x 2160 (4K) with preferred scaling: 100%, 125%, 150% or 200% on Windows®, 64-bit systems with capable display card)
- Microsoft® Internet Explorer 11.0 (or equivalent) or later web browser with network connection
- 1 GB GPU with 29 GB/s Bandwidth and DirectX 11 compliant (Recommended: 4GB GPU with 106 GB/S Bandwidth and DirectX 12 compliant)
- .NET Framework Version 4.8 or later
- 1 Available USB port
- DVD Drive

Note: CutSIM is compatible with Router-CIM 2020 or newer.

Note: There are a few requirements to ensure CutSIM will run on the target machine. Working with CIM-Tech support can assure that the proper files are in place to make sure the application runs smoothly.

Post Processors

An updated post must be installed that is compatible with CutSIM. Only these updated posts are approved for use with CutSIM. Not every post is compatible with the CutSIM.

Download the post processor file to your computer and then double-click on it to run the install program.

Installing on a computer that has AutoCAD and Router-CIM

AutoCAD and Router-CIM must be installed prior to CutSIM installation if using CutSIM on the same computer as Router-CIM.

Installing on a computer WITHOUT AutoCAD and Router-CIM

If Router-CIM and AutoCAD are not installed on the computer, the Microsoft Visual Studio 2017 redistributable libraries must be installed.

Microsoft Visual Studio 2017 redistributable package
<https://go.microsoft.com/fwlink/?LinkId=746572>

Make sure to select the right download depending on your computers configuration.

Installation Quick Start

Make sure you are logged in with at least Local Administrator privileges on your system.

The CutSIM application is installed in the following manner:

- 1) Insert the DVD into your DVD Drive
- 2) Allow the DVD Drive to read the DVD and Installation should start automatically.

Note: If the Installation doesn't start automatically, navigate to your DVD Drive, right-click on this drive and select the 'Explore' option, double-click on the SETUP.EXE file.

- 3) Follow the prompts on the screen once the installation has started. The installation will place the appropriate files from CutSIM into the correct folder locations. For more information and a step-by-step procedure, refer to the [Installation](#) section of this manual.
- 4) Once the installation has been completed, reboot your computer
- 5) After the reboot, CutSIM will have been successfully installed

Note: There are a few requirements to ensure CutSIM will run on the target machine. Working with Cim-Tech support can assure that the proper files are in place to make sure the application runs smoothly.

Post Processors

An updated post must be installed that is compatible with CutSIM. Only these updated posts are approved for use with CutSIM. Not every post is compatible with the CutSIM.

If your machine requires a custom post processor, you will receive an updated post processor as well as an installation program.

Download the post processor file to your computer and then double-click on it to run the install program.

Installing on a computer that has AutoCAD and Router-CIM

AutoCAD and Router-CIM must be installed prior to CutSIM installation if using CutSIM on the same computer as Router-CIM.

Installing on a computer WITHOUT AutoCAD and Router-CIM

If Router-CIM and AutoCAD are not installed on the computer, the Microsoft Visual Studio 2017 redistributable libraries must be installed.

Microsoft Visual Studio 2017 redistributable package
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Make sure to select the right download depending on your computers configuration.

Installation Guide

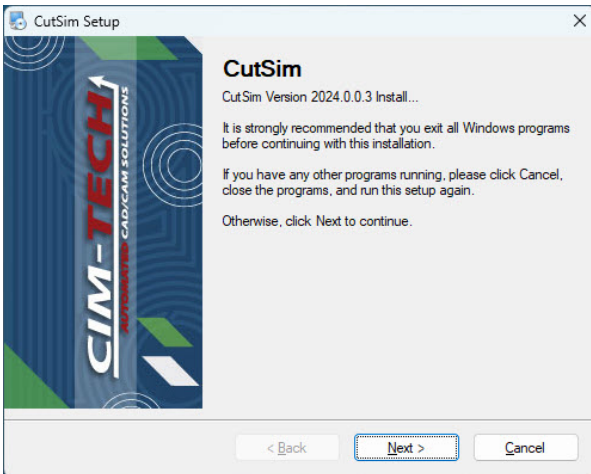
Local users will need Administrator privileges to install the software.

The CutSIM program is installed in the following manner:

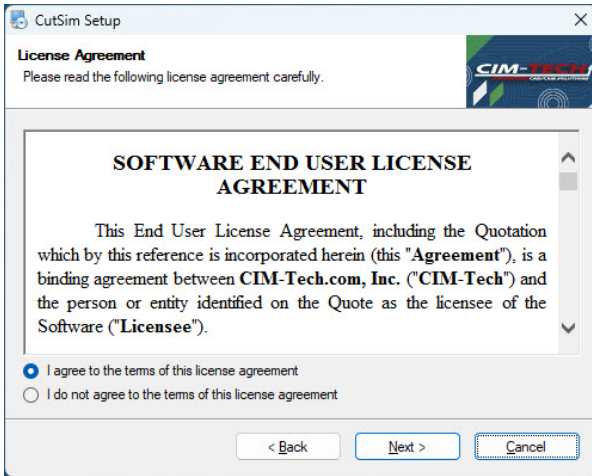
Insert the CutSIM Installation DVD and it will start automatically. If the installation does not start automatically, navigate to D:\SETUP.EXE (where D: is the CD ROM drive letter) and double-click the SETUP.EXE file.

The install will search for CutSIM files in the default location. If your version of CutSIM was installed to a drive other than C, you can re-direct the setup process to locate the folder in the proper drive by clicking on Browse and then selecting the correct drive location.

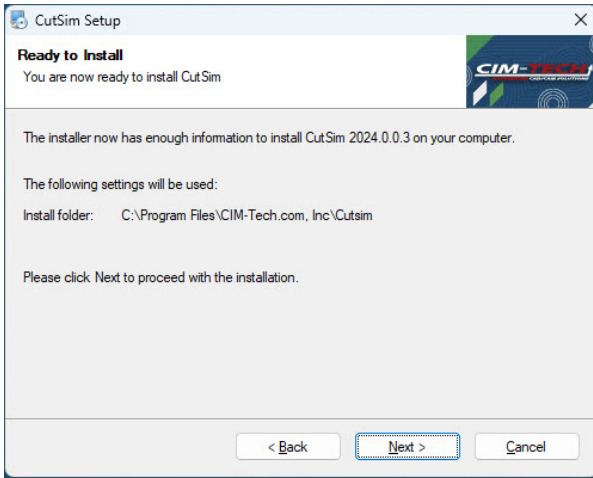
When the installation program starts, the following screen will appear:



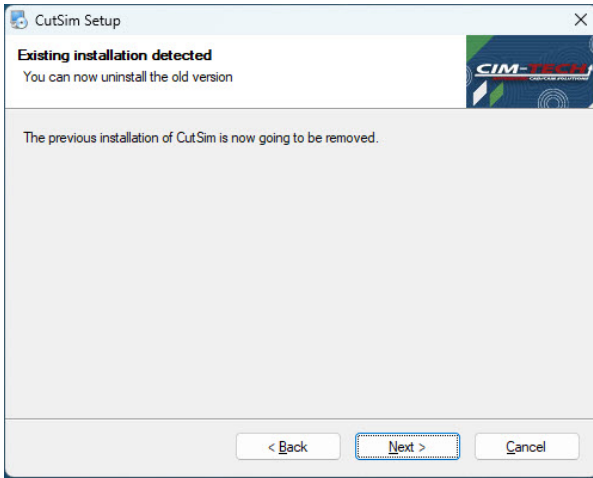
Select '**Next**' to continue.



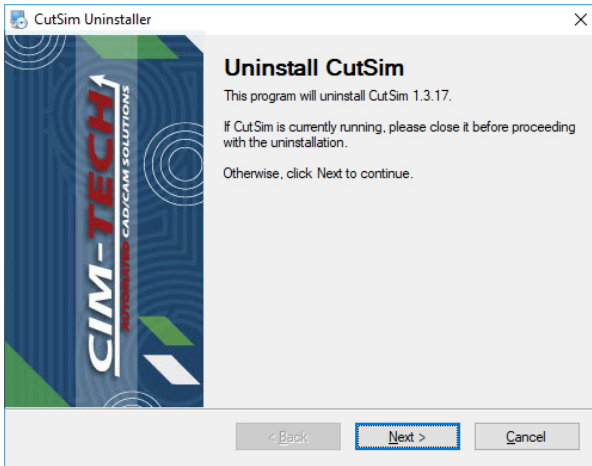
This is the license agreement for CutSIM. Be sure you read the agreement. Selecting '**I do not agree to the terms of this license agreement**' will allow you to exit the program without installing it to your computer. Selecting Back will return you to the previous window. Select '**I agree to the terms of this license agreement**' and '**Next**' to continue.



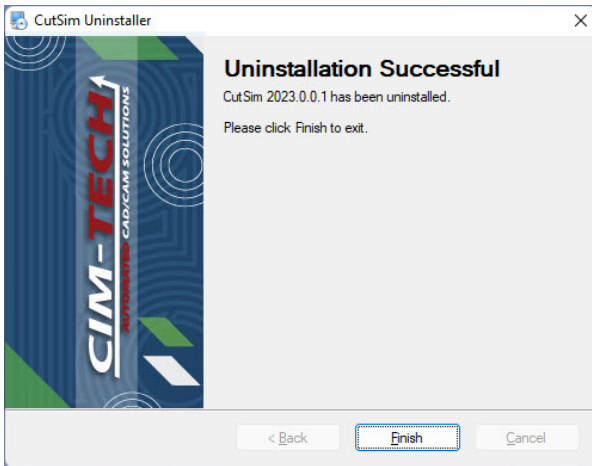
This screen will recap where CutSIM is going to be installed to. You may select **'Next'** to continue, or either **'Back'** to go to the previous window or **'Cancel'** to exit from the installation.



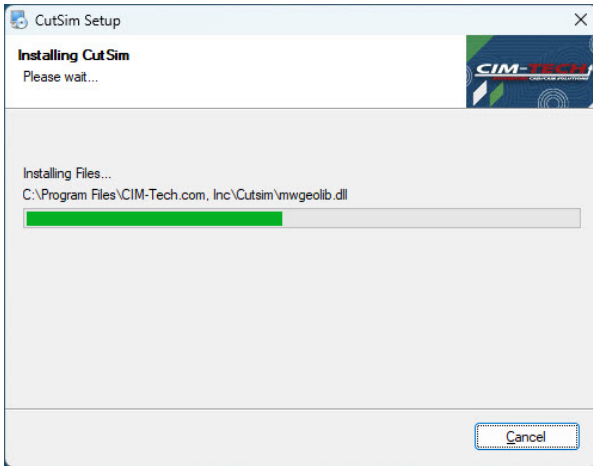
The next screen will appear if another version of CutSIM is detected on your computer. This will remove any older versions of CutSIM. You may select '**Next**' to continue, or either '**Back**' to go to the previous window or '**Cancel**' to exit from the installation.



The uninstaller will appear. Please select **'Next'** to continue with the uninstall of a previous version of CutSIM.

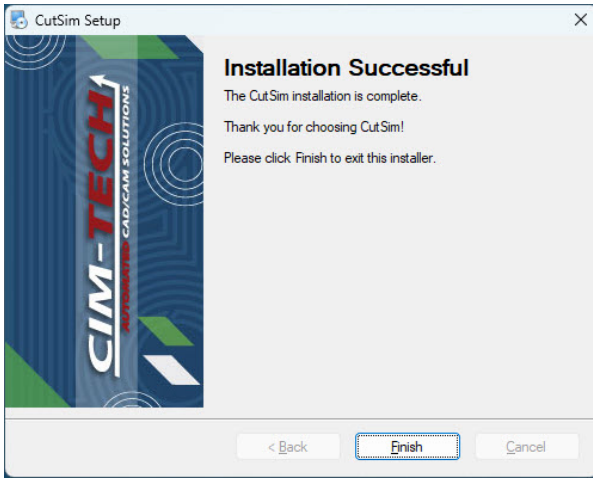


Once the removal is complete, the window will appear. Press the **'Finish'** button to continue.



The installer will start copying files to the necessary locations in this section of the install.

If a reboot to your computer is required, the installation process will notify you and must be completed in order for CutSIM to be installed correctly.



Once CutSIM is finished installing, the last screen will appear. Select '**Finish**' to complete the installation.

Uninstall CutSIM

In order to uninstall CutSIM, access the Windows Control Panel and follow the instructions for removing a program.

Highlight '**CutSIM**' and select 'Uninstall'.

Follow the screens to uninstall CutSIM.



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