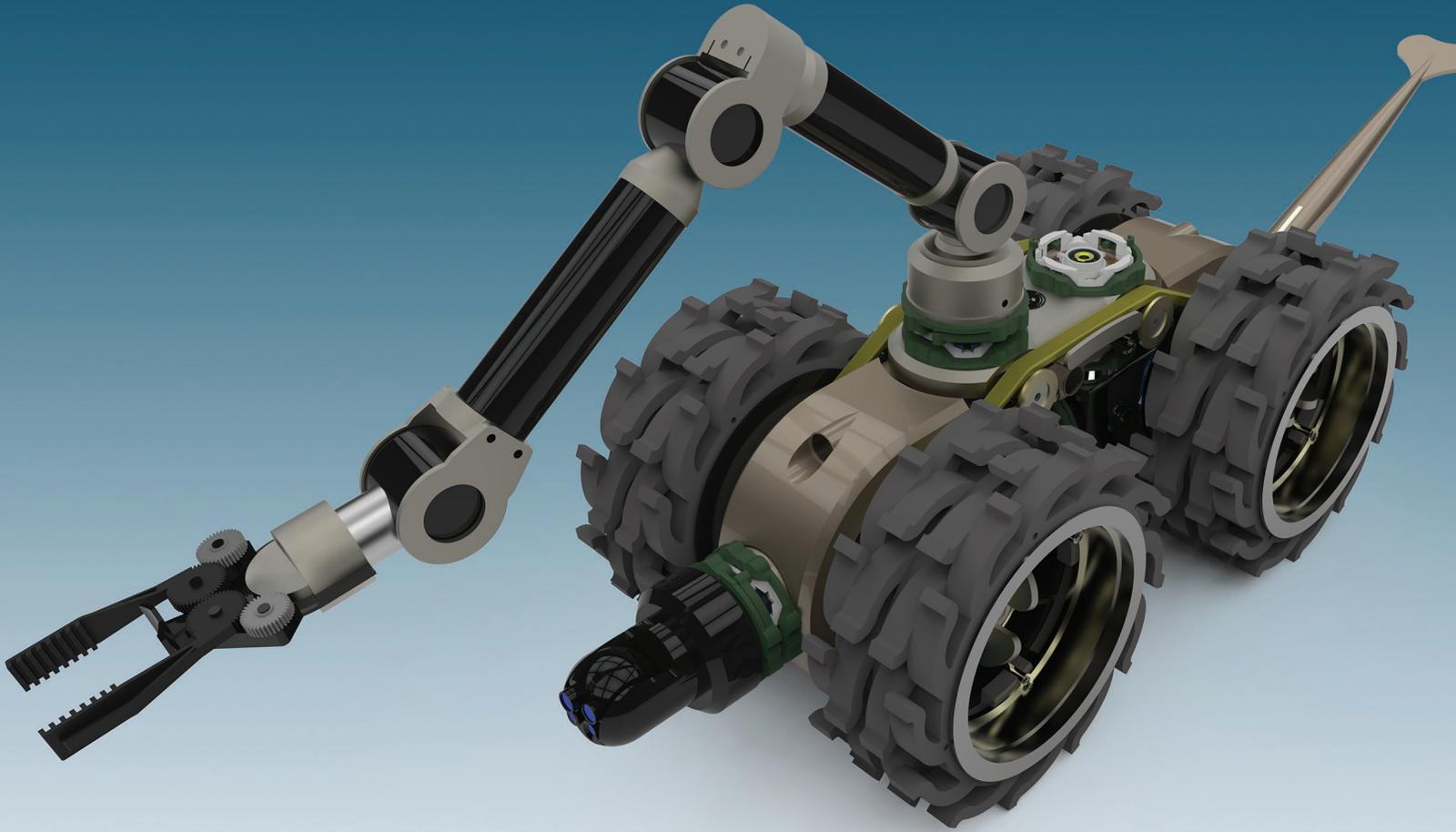


SIEMENS

Ingenuity for life



Siemens PLM Software

Solid Edge

Installation guide for student
and high school editions

ST9

www.siemens.com/solidedge

Welcome

Thank you for choosing Solid Edge® software.

This guide is for students of all ages and educators in secondary education that use either the Solid Edge Student Edition or Solid Edge High School Edition for academic purposes.

Following registration, you received a welcome email that included software download instructions, a URL to a Solid Edge download location (where you can select your required language).

If you did not receive a welcome email, or if the download link or academic code is missing, contact your regional Solid Edge Academic Program staff:

Americas: solidedgeacademic-am.plm@siemens.com

Asia Pacific: solidedgeacademic-ap.plm@siemens.com

Europe, Middle East, Africa: solidedgeacademic-emea.plm@siemens.com

Note:

Solid Edge academic editions are for academic use only. Whenever a drawing is printed from the academic version of Solid Edge, it includes the Solid Edge academic copy watermark. Also, files saved with an academic version of Solid Edge can only be opened with an academic version of Solid Edge. Academic files will not open in other versions.

Preparing to install

Before you install Solid Edge, you must complete the following steps:

1. Verify that your computer meets the following system requirements. Solid Edge ST9 has been certified to run on the following:

- Windows 7 Enterprise, Ultimate or Professional (64-bit only) with Service Pack 1
- Windows 8 or 8.1 Pro or Enterprise (64-bit only)
- Windows 8 (home) and Windows 8 RT are not supported
- Internet Explorer 10 or 11 (IE 8 meets minimum requirements)
- Solid Edge does not support the Windows 10 browser, Microsoft Edge

Notes:

- Solid Edge ST9 does not install on any 32-bit operating systems. Solid Edge ST6 was the last version of Solid Edge created to run on a 32-bit operating system
- Solid Edge ST9 will not install on Windows XP or the Windows Vista operating system
- Solid Edge stops certifying new releases against an operating system shortly after Microsoft drops mainstream support for it. Microsoft dropped mainstream support for Windows 7 in January 2015; however, Solid Edge ST9 continues to support Windows 7

Hardware system requirements:

Recommended system configuration

- 64-bit Windows 7 or Windows 8.1 operating system
- 8 gigabytes (GB) of random access memory (RAM) or more
- True Color (32-bit) or 16 million colors (24-bit)
- Screen resolution: 1280 x 1024 or higher, widescreen format

Minimum system configuration

- Any of the above 64-bit operating systems
- 4 GB RAM or more
- 65 5K colors
- Screen resolution: 1280 x 1024 or higher
- 5 GB of disk space is required to install Solid Edge

2. Download Solid Edge, as explained in your welcome email.

For details, see the Welcome section of this guide.

3. Save the Solid Edge install executable (Solid_Edge_Student_ENGLISH_ST9.exe) to your local disk.

4. For registered secondary schools, the Solid Edge High School edition can be installed on more than one computer.

Installing Microsoft .NET Framework

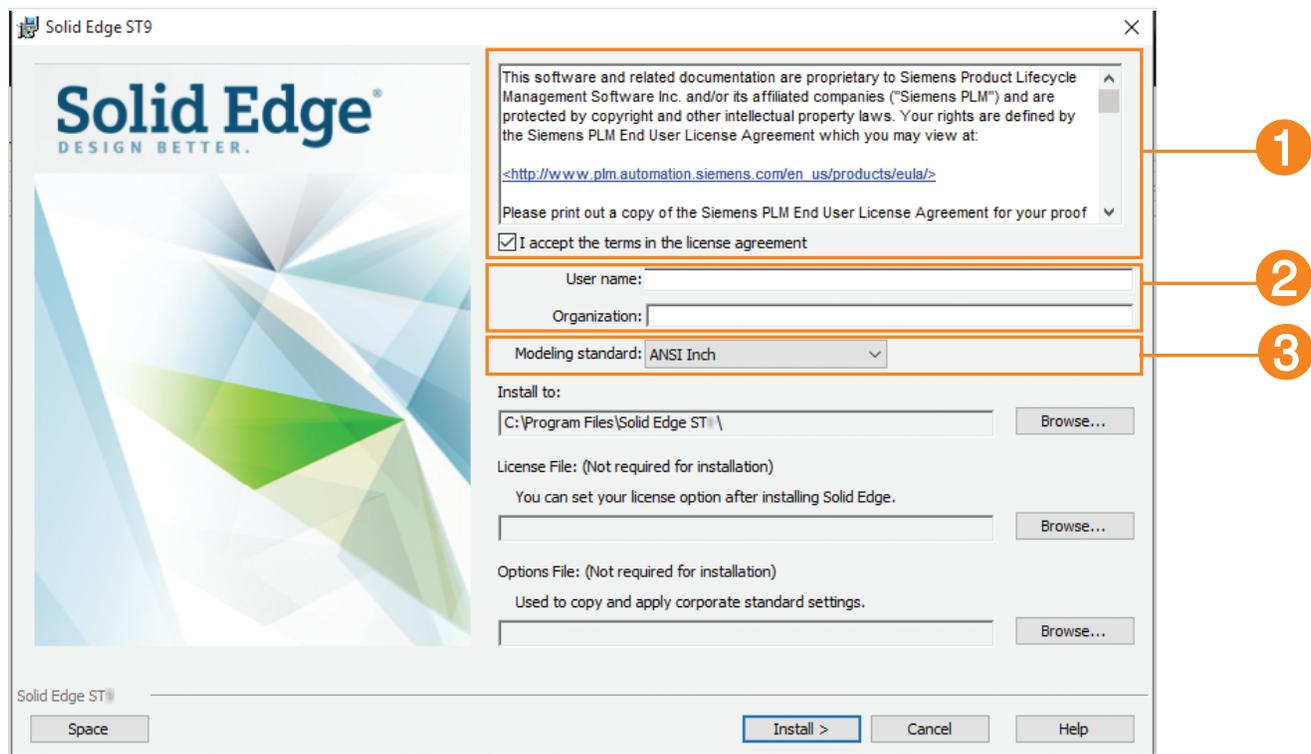
If necessary, either install the November 2015 Windows 10 technical update or manually install Microsoft .NET Framework 3.5 before installing Solid Edge ST6.

- From the control panel, choose **Programs and Features**
- Choose **Turn Windows features on or off**
- Choose **.NET Framework 3.5** (includes .NET 2.0 and 3.0)
- Click **OK**

Installing Solid Edge ST9

Locate and double-click the Solid Edge executable you downloaded (for example: **Solid_Edge_Student_ENGLISH.exe**) This is the file you were instructed to download and save locally

On the Solid Edge ST9 installation page, do the following:



1. Review the license agreement, and then click **I accept the terms in the license agreement**.

2. In the **User name** and **Organization** boxes, enter the corresponding information.

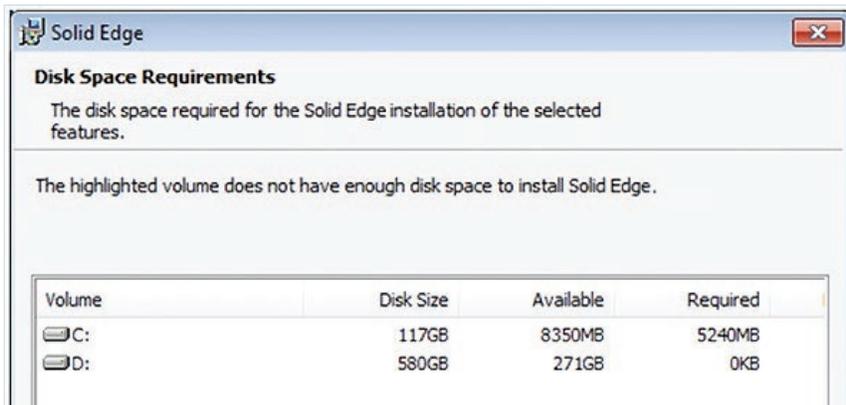
Solid Edge displays the user and organization information on the Solid Edge splash screen and in some Solid Edge dialog boxes. Depending on how your computer is set up, these boxes may already be populated, but you can modify themes as required.

3. Click the down arrow to the right of **Modeling standard** and select a standard.

The default standard is International Organization for Standardization (ISO) (metric). The modeling standard options cover many standards used worldwide, and set defaults for text, drawing formats, geometry, dimensions, units of measure, screw thread sizes and styles used within Solid Edge.

4. Before accepting or changing the default location, **C:\Program Files\Solid Edge ST9**, verify that you have enough disk space available to install Solid Edge. To check disk space, click the  button at the bottom left corner.

The system highlights the disk drives that do not have sufficient space. Do not try to install Solid Edge on any of the highlighted drives.



If the C: drive does not have enough disk space, click a drive that has enough disk space and then click **Close**.

5. Leave the **License File** and **Options File** boxes blank.

6. Click **Install**.

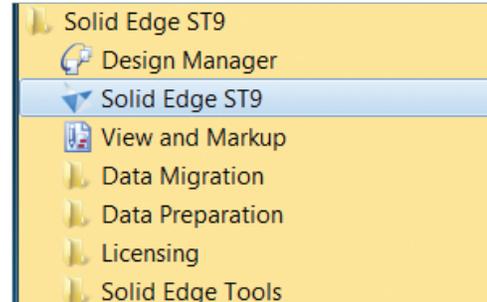
The installation process can take a while to complete based on your hardware resources.

7. After Solid Edge is installed successfully, click **Finish**.

Launching Solid Edge ST9

Do one of the following:

- On your desktop, double-click the Solid Edge icon 
- From the Start button, choose **All Programs -> Solid Edge ST9 -> Solid Edge ST9**



Solid Edge displays the Solid Edge academic splash screen then launches.



Siemens PLM Community support

As part of the Solid Edge Academic Program, following registration you will receive additional getting started emails that contain further hints and tips for using Solid Edge.

In addition, consider the following resources:

- [Siemens PLM Academic Resource Center](#) – This is a great resource for academic-related materials
- [Student Edition Forum](#), located under the [Siemens PLM Community Forum](#)
The forum is dedicated to anyone looking for help, or offering help to others using the Solid Edge Student Edition. It serves as the primary support mechanism for student users
- [Solid Edge Facebook community](#) – Here you can interact with other educators, engineers and product designers around the world

Appendix

Download problems

If your install fails, it may be due to an incomplete or corrupt download. Download the installation executable and try to install it again. If the problem persists, try the download from another network.

You *must* register to obtain a *legal* and *valid* license.

Uninstalling

To remove Solid Edge, go to your system control panel.

- From the programs group, click **Uninstall a program**
The control panel displays a list of the programs and features that are installed
- From the list of installed products, select **Solid Edge ST9**
- Click **Uninstall**
- Reboot your computer

Note:

- You must reboot even if you plan to just install another version of Solid Edge
- If you manually deleted the Solid Edge ST_ folder, you must clean up your computer as outlined in the next section

Cleaning up an improper uninstall

Using Solid Edge creates several registry entries in the operating system that will not allow another version of Solid Edge to be reinstalled if the previous version was uninstalled improperly. Manually deleting the Solid Edge ST_ folder constitutes an improper uninstall.

To clean up an improper uninstall, do the following:

1. Microsoft® tool for fixing problems for programs that can't be installed or uninstalled –
Connect to this site and run the tool:
https://support.microsoft.com/en-us/mats/program_install_and_uninstall
2. Registry cleanup
 - Navigate to the Solid Edge\SptTools\SECleanup folder in the downloaded and extracted product structure or on your DVD media
 - Double-click **SECleanupAll.exe**
 - Reboot

Now you can install your new release of Solid Edge.

Troubleshooting

Frequent aborts or display anomalies:

If you experience frequent aborts or display anomalies, you most likely have an out-of-date video card driver, or the wrong settings in Solid Edge.

Note:

Video card manufacturers often release updates to their drivers to enhance performance or fix compatibility issues with new games. If you want to receive the latest driver for your video card from the manufacturer, visit the support page on the manufacturer's website for information on how to download and install the newest driver. Make sure you download a version of the driver that matches the version of Windows you are running.

You can have Windows automatically download recommended drivers for all of your hardware, including your video card. This is a good way to make sure your video card driver stays up-to-date and works properly. To make sure you get all the drivers available from Windows Update, see [Automatically get recommended drivers and updates for your hardware](#).

If you are still experiencing display anomalies in one of the 3D environments, select the application icon in the upper left corner, then from the dropdown list select Solid Edge options. In the Solid Edge options dialog box select the view tab.

By default the application display section has automatic selection selected. Deselect that option and you will be able to select a different option under the application pull-down. The help section on this dialog provides a lot of [details](#).

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