

Solid Edge Readme File

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Version Information

Product: Solid Edge
Version: 108.00.00.091
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Description

Solid Edge (www.solidedge.com) is a portfolio of affordable, easy-to-use software tools that address all aspects of the product development process – 3D design, simulation, manufacturing, design management and more, thanks to a growing ecosystem of apps. Solid Edge combines the speed and simplicity of direct modeling with the flexibility and control of parametric design – made possible with synchronous technology.

Solid Edge ST8 System Requirements and Information

Operating System Requirements and Information

This release of Solid Edge 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 RT are not supported
- Internet Explorer 10 or 11 (IE 8 meets minimum requirements)

NOTE: Solid Edge ST8 is 64-bit only. Solid Edge ST6 was the last release of 32-bit Solid Edge.

Solid Edge stops certifying new releases against an operating system shortly after Microsoft drops mainstream support for it.. Solid Edge ST8 will not install on Windows Vista or Windows XP. Microsoft dropped mainstream support for Windows 7 in January 2015, however Solid Edge ST8 continues to support Windows 7.

NOTE: Solid Edge ST9 will be the last Solid Edge release to support Windows 7.

Windows 10 is scheduled to release in late 2015 after Solid Edge ST8 is released. We will test ST8 on Windows 10 and plan to announce support of Windows 10 with Internet Explorer 11 in ST9 and in an ST8 Maintenance Pack after testing is completed and any critical issues are resolved. Solid Edge will not support the new Windows 10 browser, Microsoft Edge (codenamed Spartan).

Hardware System Requirements

Recommended system configuration

- 64-bit Windows 7 or Windows 8.1 operating system
- 8 GB 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
- 2 GB RAM or more
- 65K colors
- Screen Resolution: 1280 x 1024 or higher
- 4.9 GB of disk space is required to install Solid Edge.

It is not recommended that you run Solid Edge on Server operating systems. Solid Edge ST8 will not install on Windows Server 2008. Solid Edge is not supported on Intel Itanium processors.

Internet Explorer is not required to be the default browser.

Some Solid Edge commands require Microsoft Excel. Solid Edge stops testing with Microsoft products shortly after Microsoft drops mainstream support for them. Microsoft dropped mainstream support for Office 2007 in October 2012. On ST8, we recommend Microsoft Office Professional 2010 or 2013.

For more information on Solid Edge ST8 operating system and 3rd party support, go to http://support.industrysoftware.automation.siemens.com/certification/se/Solid_Edge_ST8_Certification.xls

Display System Requirements and Information

Solid Edge runs on graphics drivers that support Windows 7 or Windows 8. Contact your graphics driver manufacturer to determine whether their graphics adapter/driver supports these operating systems.

For optimal performance, it is recommended to use a professional graphics card that is designed for CAD applications. For information about cards used in testing Solid Edge and results, refer to the [graphics certification table](#).

At least a 256MB graphic card is recommended when working with large assemblies or complex parts.

Note that running with extremely high screen resolution and color depth increases the memory requirements on the system and may result in apparent performance degradation. If experienced, reconfigure the display system to the recommended resolution and color depth for improved performance.

When running Solid Edge, if you experience an abnormally high abort rate, parts disappearing, or other graphic anomalies you may not be using the appropriate graphics driver. For more details, see the [the graphics certification table](#).

Also setting Display Fonts to Large Fonts or Extra Large Fonts (larger than 96 DPI) may cause some Solid Edge user interface items to not display as intended. Recommendation to resolve these would be to use Normal Fonts (96 DPI).

A wide-screen ribbon layout has been added for Solid Edge. This new ribbon layout is optimal for horizontal screen resolutions set to 1920 or above. Solid Edge automatically detects your resolution and sets the ribbon layout to wide-screen starting at horizontal resolutions 1600 and above. You will see some group collapsing on the right side of the Ribbon on resolutions between 1600 and 1920.

Microsoft Surface Pro 3

Solid Edge ST8 is supported on the Microsoft Surface Pro 3 running Windows 8.1 Professional.

For greatest productivity, use the Surface Pro keyboard along with a mouse.

Distributed File System (DFS)

Solid Edge has not been tested with a Distributed File System (DFS). Any problems specific to this configuration will not be addressed.

Temp File Space

Solid Edge uses temp file space for saving files and for storing memory mapped display files. Using temp file space when saving files helps significantly reduce the size of the resulting file on the destination file system.

Users should ensure they have twice the size of the largest file being saved available as free temp file space prior to saving their files. Note, 2x the file size for an assembly should include the size of the assembly, plus the size of the subassemblies that are being used, plus the size of the part files.

Running SE will create files with .000, .001, etc. extensions. These are memory mapped files that are used in the display pathway. When an assembly or part file is opened, memory mapped files are created in the temp directory during display of the assembly/part. These files are cleaned up by Solid Edge when the process exits. If the user is running short on temp space, they can optionally set an environment variable called JRENDER_TEMP and point it to any folder with sufficient space. If this variable is defined, Solid Edge will create memory mapped files in that folder.

Running SE will create a file named DCCACHE.CAC in the system temp folder. This file is a cache of the file icons displayed on the FILE OPEN/FILE SAVE/BROWSE dialogs.

When a Solid Edge file is opened, but Solid Edge cannot gain exclusive write access to that file, a message box is displayed stating, "The requested file is currently write locked, open as read-only". If the user selects the copy button on this message dialog, the file will be copied to the temp folder using the naming convention tmp <filename>.par, tmp<filename>.psm, tmp<filename>.asm, tmp<filename>.dft.

It is good practice to periodically check the files in the temp folder when not running Solid Edge and delete any that might remain from an abnormal termination of Solid Edge.

Solid Edge Preferences Folder

Many files that had previously been delivered to the Solid Edge Program Files folder are now being delivered to a new Solid Edge Preferences folder.

Page File Size

For optimum Solid Edge performance, we recommend you set a custom page file size. The Initial size and the Maximum size should be the same. They should both be set to double the RAM size.

Solid Edge Maintenance Packs

We release Maintenance Packs for CRITICAL items only. Maintenance Packs are available up to a maximum of 15 months following the release date of the English version.

What's New in Solid Edge ST8

Solid Edge ST8 demonstrates the ever increasing value of the Solid Edge product. Many new features have been added to this release, all of which continue the focus on implementing state-of-the-art technology with outstanding usability. For a complete list of Solid Edge ST8 enhancements, start Solid Edge and launch Solid Edge Help or review the "Solid Edge ST8 Release Notes" available on the Support Web Page: <http://support.industrysoftware.automation.siemens.com/docs/se/>.

Installing Solid Edge

If installing via DVD, Insert the Solid Edge DVD and Autostart should start automatically. Click the "Solid Edge" link. The InstallShield Wizard will guide you through the installation.

If Autostart does not start, you can double-click autostart.exe located on the Solid Edge DVD, or you can double-click setup.exe located in the Solid Edge folder.

Solid Edge requires Microsoft .NET Framework 4.0. Solid Edge setup.exe automatically installs the Microsoft .NET 4.0 Framework, if it does not exist on the machine. The msixec utility, commonly used for silent install, will not install or update the .NET Framework. This will need to be done manually.

On Windows 8, your machine needs to be connected to the internet to install .NET Framework 3.5.

Multiple Installs

Multiple versions of Solid Edge are now allowed to be installed concurrently for testing core Solid Edge in a non-production environment. (Add-on products, such as Mold Tooling or SE Teamcenter Client (SEEC) or Solid Edge SP will not work.) With ST8, Solid Edge ST4 or later releases may also be installed. The older version(s) must be installed first, and then ST8 must be installed silently. To switch between versions, you have to activate the version you want to use, and this is done with a new program called "SESetActiveVersion.exe". The program is located on the installation media in the folder \Solid Edge\SptTools\SESetActiveVersion. You can run the program from any location. In the dialog, select the version you want to use then select "Activate"; when the dialog goes away the selected version is ready to be used. If a maintenance pack needs to be applied, be sure to activate the appropriate version of Solid Edge prior to the MP installation.

Note: Multiple version installations are not supported for production use. GTAC will only verify problems using a single version install, as well as Development will only address problems that are reproducible using a single version install. Multiple version installations are to be used only for comparing basic Solid Edge functionality for the purposes of demonstration or pre-upgrade testing. If you need to run multiple versions in a production environment Virtual Machine configurations are the recommended method. When moving to production, it is recommended that you remove all versions, reboot the system, and then install a single product version.

Solid Edge Licensing

Please refer to the ssetup.pdf file on the Solid Edge DVD for detailed instructions on installing and licensing.

Solid Edge license files are based on the machine's Solid Edge composite host ID (SE_CID).

Important notes:

- The SE_CID is a number unique to each machine.
- The Solid Edge composite host ID is different than the NX composite host ID. These numbers are not interchangeable.

The tool to manually obtain the SE_CID can be downloaded from: https://download.industrysoftware.automation.siemens.com/solid_edge/SupportTools/SE_CID_Utility/

If you have Solid Edge ST8 installed, you can find the SE_CID for the machine you are on in the upper right corner of the Solid Edge License Utility delivered with Solid Edge. Learn more about obtaining the SE_CID number in the ssetup.pdf file on the Solid Edge DVD (refer to Appendix A: WebKey and Solid Edge Composite Host ID number information).

Solid Edge License Manager Operating System Information

FlexNet Publisher 2013 (11.12.0) supports the following:

- Windows 8 (32-bit or 64-bit)
- Windows 7 Ultimate (32-bit or 64-bit)
- Windows Vista Ultimate (32-bit or 64-bit)
- Windows Server 2008, Windows Server 2008 R2, or Windows Server 2012 (32-bit or 64-bit)

Installation Notes

Solid Edge builds on the Windows Installer technology. During installation Solid Edge detects whether the necessary version of Windows Installer is installed and informs you if an older version is detected. If you receive this message, accept it and continue with your installation.

When installing Solid Edge, if a message displays regarding insufficient disk space, it is a good practice to exit the installation, free up the recommended disk space + 25mb (required for the Windows Installer operations during setup) then restart the installation.

Licensing on Demand - With floating license installations, Solid Edge checks out licenses on demand - meaning that the first user to request a license for a module (e.g. Solid Edge XpresRoute) checks out the license and has it checked out for the duration of the Solid Edge session.

Solid Edge ALWAYS installs some files on the drive where the operating system is installed, regardless of the <drive>\folder you specify for your product installation. Do not delete these files or the installation of Solid Edge will fail to operate.

Installation Requirements

Solid Edge files are NOT backward compatible between primary released versions. For example, a file created in Solid Edge ST8 will NOT open in earlier versions of Solid Edge. Solid Edge files are upward compatible. Files created in earlier Solid Edge versions will open in Solid Edge ST8.

You should reboot your machine following installation of Solid Edge prior to running it to ensure optimal performance. The first login performed after the reboot should be completed by the administrator account to ensure that the install is complete.

You cannot install Solid Edge and stand-alone Insight Connect on the same machine. All the capability of Solid Edge Insight Connect is included in Solid Edge, so it is not necessary to download it on a machine, which has Solid Edge installed.

Solid Edge detects whether you have an existing version of Solid Edge installed and prompts you appropriately prior to installing this version. Two versions of Solid Edge cannot be installed via Windows Installer on the same machine. Please refer to the section "Uninstalling Solid Edge" in this README file for information on proper uninstallation techniques.

You must install and remove Solid Edge from an account that has Administrator privileges. Solid Edge will run under User, Administrator, or Guest privileges.

Silent (or Remote) Installs

The following is a complete command line argument set for silently installing Solid Edge. Silent install needs to run from an elevated cmd prompt (such as, command window "Run as Administrator"). Setup no longer supports the use of the ADDLOCAL property. All arguments should be encased in double quotes if there are spaces in the paths.

```
msiexec /i "J:\Solid Edge\Solid Edge ST8.msi" MYTEMPLATE=2 USERFILESPECXML="C:\temp\My Docs\SEAdmin\Options.xml" USERFILESPEC="C:\temp\My Docs\SEAdmin\selicense.dat" INSTALLDIR="C:\Program Files\Silent Solid Edge" /qn+ /!v "C:\temp\mysilentsetup.log"
```

The string "J:\Solid Edge\Solid Edge ST8.msi" represents the fully qualified path to the Solid Edge MSI file.

The MSI Property MYTEMPLATE indicates which templates are to be installed. If no value is specified, Solid Edge uses the setting from the Standard.ini file. The default in the Standard.ini file is "Auto". For "Auto", the templates will set based on the current user's "Region and Language Format" setting.

- (1) METRIC
- (2) JIS Metric
- (3) ISO Metric
- (4) ANSI Inch
- (5) DIN Metric
- (6) UNI Metric
- (7) ESKD Metric
- (8) GB Metric
- (9) ANSI Metric

The MSI Property USERFILESPECXML allows the user to optionally install an SE Admin file. The user should supply a fully qualified path and filename.

The MSI Property USERFILESPEC allows the user to optionally provide a license file that setup will copy to the Solid Edge Program folder at the end of the setup.

The MSI Property INSTALLDIR is used to specify the installation folder for Solid Edge.

The argument "qn+" instructs the Windows installer to provide NO user interface and alert the user at the completion of the setup with a dialog box. Refer to the Windows help system for further information about Windows Installer arguments. Leaving this argument off the command line will

display the setup user interface with selections made and fields provided. Note: if you are using this option some installations that require user interaction could fail.

The argument "/l*v" tells the Windows installer to create a log file of important messages, warnings and errors and write it to the location provided, in this example, C:\temp\mysilentsetup.log. If you have silent install errors, please add the following argument to your command line and review the resulting log file. Please add: /L*v "%TEMP%\install.log"

Here are more instructions for using the /L option (note that the path MUST exist):

/L [i|w|e|a|r|u|c|m|o|p|v|x|+|!]*] Log file

Writes logging information into a log file at the specified existing path. The path to the log file location must already exist. The installer does not create the directory structure for the log file. Flags indicate which information to log. If no flags are specified, the default is /l*.

- i - Status messages.
- w - Nonfatal warnings.
- e - All error messages.
- a - Start up of actions.
- r - Action-specific records.
- u - User requests.
- c - Initial UI parameters.
- m - Out-of-memory or fatal exit information.
- o - Out-of-disk-space messages.
- p - Terminal properties.
- v - Verbose output.
- x - Extra debugging information.
- + - Append to existing file.
- ! - Flush each line to the log.
- *** - Wildcard, log all information except for the v and x options. To include the v and x options, specify "/l*vx".

Silent Install for Maintenance Packs (MP)

The following is a complete command line argument set for silently installing any Solid Edge MP. Silent install needs to run from an elevated cmd prompt, such as, command window "Run as Administrator".

"J:\Solid Edge MP1\Solid_Edge_MSI_MP1.exe" /S /v/qn /v/l*v "C:\temp\mysilentsetup.log"

The string "J:\Solid Edge\Solid_Edge_MSI_MP1.exe" represents the fully qualified path to the Solid Edge MP executable file.

/S - Hide initialization dialog.

/v/qn - Silent mode

/v/l*v "C:\temp\mysilentsetup.log" - Creates a log file of important messages, warnings and errors and writes it to the location provided.

Silent Install using Setup.exe (not for multi-version install)

Alternately the following command line can also be used to silently install Solid Edge using the setup.exe program. This approach installs all of the prerequisites just as if the setup was executed interactively. **This approach cannot be used for multi-version installation.**

```
setup.exe /s /v"/qn" /v"MYTEMPLATE=1" /v"USERFILESPEC=\ C:\temp\My  
Docs\SEAdmin\slicense.dat\" INSTALLDIR=\"C:\Program Files\SilentSolidEdge\\" /v"/!*v  
C:\temp\mysilentsetup.log"
```

Running Solid Edge

Select Start =>All Programs => Solid Edge ST8 => Solid Edge ST8

-OR-

The following syntax can be used to start Solid Edge from the command line or short-cut:

```
"C:\Program Files\Solid Edge ST8\Program\Edge.exe" /environment
```

where environment is either part, assembly, sheetmetal, or draft.

For example: "C:\Program Files\Solid Edge ST8\Program\Edge.exe" /part. You would need to edit the syntax to reflect the location of the Edge.exe on your machine.

Solid Edge ST8 Miscellaneous Information

Template Changes are minor in ST8

All Templates:

- Open and save in latest version of Solid Edge.

All 3D Templates (ASM, Part, Sheet Metal):

- Update face styles for better presentation of components in KeyShot.

Other:

- Open and save block, pipe and frame files to latest version of Solid Edge
- Open and save all draft block libraries to latest version of Solid Edge

Solid Edge .pwd templates are no longer delivered. The .pwd template files are available for download from the GTAC web

site: https://download.industrysoftware.automation.siemens.com/solid_edge/ST6/pwd_templates.

Other Template Recommendations:

- You should avoid the use of drawing views of parts or assemblies on background sheets.
- It is good practice to put property text callouts on the background sheet for sheet file name, author, linked file name, etc. The use of property text in background sheets of template files can save considerable work in many workflows.
- If you traditionally put symbols on the background sheets of draft files, we recommend you use Blocks instead. Your old symbol files can be dragged and dropped into a template background sheet directly and will form blocks if the "Show blocks" button is active on the Library tab of the EdgeBar, or if the insert mode is Block.

- If you want to use symbols rather than blocks on the background sheets of draft files, we recommend you not use the "linked" option. We recommend the use of "insert as geometry" for symbols in template files. Linked or embedded files may offer advantages in some situations, but our findings have been that workflow and process problems associated with keeping up with linked files, modifying files linked to released drawings, and similar issues make the use of linked files to background sheets less than desirable.

Warning: If your draft file templates have linked or embedded AutoCAD files on the background sheet using the Viewdata tool supplied with early versions of Solid Edge, you are working in an inefficient and non-recommended manner. Direct embedding of AutoCAD files using Viewdata was disabled in V9, although display of existing files with these embeddings is still provided.

If you have templates with embedded or linked AutoCAD files follow these steps:

1. Locate the original AutoCAD file used in the link or embed.
2. Open your draft template file and view the background sheet.
3. Delete the linked or embedded AutoCAD object on the background sheet.
4. Open the AutoCAD file you want to use as the background sheet in Solid Edge Draft, thus using the translator to bring the data into Solid Edge native format.
5. Copy the translated data and paste it in your template file on the background sheet.
6. Save your template in Solid Edge ST7.

Solid Edge Product Improvement Program

The Solid Edge Improvement Program is intended to help us understand our customer's usage patterns and provide a better user experience by collecting usage data and sending it to the Solid Edge development team. The data is completely anonymous and no personal information will be sent. If you do not want to participate in the Solid Edge Product Improvement Program you can disable the service from the Solid Edge Options. Go to User Profile page, select the Set Preference button for the Solid Edge Product Improvement Program, and click No.

Hole Functionality

We now store hole information in Microsoft Excel® format with separate database files for different engineering standards (ANSI Inch, ISO Metric, and so forth). When you edit a pre-ST7 hole, Solid Edge only searches the database of the current default standard for a match. Holes created in ST7 (and later) know which standard they come from and are editable in that context (provided the database file it was created with is currently in your hole database folder) regardless of what the current default standard is.

Adobe Flash Player required for videos and simulations

To watch tooltip videos and simulations, you must have the Adobe Flash Player version 10 or later installed as a plug-in to your browser. You can download the Flash Player (free) at <http://get.adobe.com/flashplayer>.

Sample Custom Programs

The programs delivered with Solid Edge in the Custom folder are meant to be used as examples of how to customize your programs. These sample programs are not supported. However, the Solid Edge team will investigate any severe problems (if any are discovered) with the programs and try to address them.

Web Publisher

Web publisher files must be viewed using 32-bit Internet Explorer. 64-bit Internet Explorer is not supported for viewing these files.

Insight – Create Network Location

Beginning with Solid Edge ST7, the network location you define to a SharePoint site or document library should be created using a UNC path example: <\\server/sites/insight>).

Creating the network location using a URL (<http://server/sites/insight>) can result in missing or disabled functionality with:

- Search
- Toolbar
- Shortcut commands

Note: This change has no impact to your entries in searchscope.txt.

See the *Working with Insight* chapter of the *Solid Edge Insight Implementation* guide for additional information.

Hardware Performance Tool

A performance tool is available that allows you to measure hardware performance using Solid Edge. It is located at https://download.industrysoftware.automation.siemens.com/solid_edge/SupportTools/.

Assembly File Open Changes

New assembly file open settings were added for ST5. These settings examine the size of the assembly based on the number of unique parts attached to it. The default option automatically applies activation and simplification options based on the size of the assembly being opened. This occurs whenever an assembly is opened (File Open, double-click in Windows Explorer, and so forth). The settings are located on the Assembly Open As tab in Solid Edge Options. The options can be changed such that the open behavior is the same earlier releases.

Insight Network Suggestions

If you are using Windows 7 or Windows 8 clients and Windows Server 2008 or Server 2008 R2, there are network-related settings that can be changed to increase performance with Insight in some cases.

You can disable TCP/IP auto-tuning (server and client). In an elevated command prompt window, issue this command: `netsh interface tcp set global autotuninglevel=disabled`.

Turn off 'automatically detect settings' in Internet Explorer (client): Internet Options > Connections > LAN Settings > uncheck "Automatically detect settings".

Solid Edge Standard Parts

Standard Parts requires SQLExpress or SQLServer to be installed on the Standard Parts server machine. Standard Parts is supported on SQLExpress 2005 SP1 or SQLServer 2005 and higher versions. Refer to the Standard Parts Installation Guide for details on how to configure SQLExpress or SQLServer.

Note - SQLExpress 2012 SP1 or SQLServer 2012 are recommended for Windows 7 and Windows 8 operating system. If it is not already loaded on the system, Standard Parts Administrator installs SQLExpress 2012 SP1.

Your ST7 Standard Parts database may be converted directly for use in ST8 by running the Configuration Wizard, selecting the ST7 standard parts configuration "sac" file, and clicking "Yes" when prompted if you want to convert to ST8.

In ST3, Standard Parts moved from an Access Standard Parts database to an SQL Standard Parts database. Access Standard Parts databases will not be supported after ST8. If your Standard Parts database used Access, follow these steps to update your database:

- Run Configuration Wizard to specify the location of the existing database. Earlier versions of the Access based databases (existed prior to ST3) are not compatible with ST8.
- Install the Solid Edge ST8 Machinery Design parts (Machinery Library or/and Piping Library). Configure the database from Configuration Wizard setup by identifying the installed standard parts database.
- Run Solid Edge Administrator and use the Add Parts command. By adding the parts through Standard Parts Administrator, the previous version standard parts will not be over-written by the Solid Edge ST8 standard parts.

The Solid Edge ST8 Standard Parts is written to a different folder. If you added custom parts to your previous Solid Edge ST7 (or earlier) standard parts database, you will need to add these parts again to your Solid Edge ST8 database. Depending on the age of the custom parts, you may be required to edit the part in PartEditor during the process.

Standard Parts Administrator setup includes free standard parts as an installation option. The Standard Parts Administrator setup also delivers a Standard Parts Users Guide and a Standard Parts Installation Guide in the Solid Edge ST8\Program\ResDLLs\00x folder.

Parasolid Versions for Solid Edge

Solid Edge and NX share embedded Parasolid files to communicate. There may be problems if they are not running the same version of Parasolid. For example, software running an earlier version of Parasolid cannot read files created in software running a later version of Parasolid. The following specifies the Parasolid versions for releases of Solid Edge.

Solid Edge Version	Parasolid Version
6	10.0
7	11.0
8	11.1
9	12.0
10	13.0
11	13.0
12	14.0
14	14.1
15	15.0
16	16.0
17	16.1
18	17.0
19	18.0
20	18.1
ST	19.1
ST2	22.0
ST3	23.0
ST4	24.0
ST5	25.0
ST6	26.0
ST7	27.0
ST8	28.0

Solid Edge and NX

Solid Edge ST8 files can be opened in an NX 10 maintenance pack available later in the summer of 2015. If this capability is needed before then, compatible files are available at https://download.industrysoftware.automation.siemens.com/solid_edge/ST8/plmxml/ and can be copied to the current installation (%UGII_BASE_DIR%\UGII).

Solid Edge and Femap

Solid Edge ST8 files can be opened in Femap 11.2 by updating the Solid Edge PLM XML adapter with the one that can be found at https://download.industrysoftware.automation.siemens.com/solid_edge/ST8/plmxml/. Copy the SE ST8 Adapter to the Femap\Util folder.

Installing MS Hot Fixes/Security Patches

Please note that installing any Microsoft Hot Fixes/Security Patches that were posted after the Solid Edge Development Complete milestone could negatively impact Solid Edge functionality and performance.

.NET Applications

Solid Edge uses Microsoft .NET Framework V4. Some of your .NET applications that run with Solid Edge may need to be modified.

Working with EMS and MDS Files

ST3 was the final version of Solid Edge that supported opening, saving, inserting or batch translating .ems (Engineering Modeling System) or .mds (Mechanical Design System) files.

Microstation to Solid Edge Data Translator

Microstation .dgn is no longer a widely accepted format for mechanical drawings. In 2003 with Solid Edge Version 14, the Microstation translation capability moved to an "Extended Support" status where we no longer provided fixes or enhancements. Solid Edge ST8 will be the last release that the Microstation translator will be delivered.

Access TDM and Ideas Data Migration

ST4 was the last release to provide Access TDM and Ideas Data Migration.

Alternatives to the IDEAS direct translation are:

- XPK – SDRC Package document
- STEP - Standard for the Exchange of Product model data

Freeware Anti-Virus Program

The Avira freeware anti-virus program on Windows platforms occasionally misidentifies some Solid Edge DLLs as contaminated with a virus. If you are using Avira on a Windows machine and encounter this problem, please use the Avira option to exempt the files from scanning by Avira.

Also F-Secure anti-virus scanner products are known to decrease the performance of Solid Edge in some scenarios.

Miscellaneous

Revision Manager should not be used to edit the links of files that will continue to be opened by an earlier version of Solid Edge, or the out-of-date status indicator of Draft drawing views may be incorrect.

Solid Edge writes debug information in the unlikely event of an abort. This debug information is written to files named crashlogf.txt and crashlogf.dmp in your user temp folder. Users may be asked to provide these files to Solid Edge customer support if reporting a problem where this data could help determine root cause. Due to writing this debug information, the user may experience a slight wait on an abnormal exit of Solid Edge. You have the option to email crashlog information to the Solid Edge development team for investigation.

NOTE: Automatically emailed crashlog information is not used by GTAC in general practice. This information does not result in the customer being contacted. It is still required that you contact your Support channel to report the abort. The automatically emailed crashlog information is used by Solid Edge development to monitor and track any trends.

Users may be asked to provide the sesysinfo.log file to Solid Edge customer support if reporting a problem that this data could help determine root cause. To do this, run the SESysInfo.exe program located in the Solid Edge\Program folder while displaying a 3D model.

Some performance problems when installing or running Solid Edge have been observed as attributable to virus scanners running on the machine and scanning all files being installed or used. Solid Edge files are all scanned for viruses prior to delivery. If users experience performance degradations, consider modifying the select set for virus scanning operations.

The file separator in the delivered DraftList.txt is set to a comma and the delimiter is set to a period. These two items are not read from the delimiter setting in the Control Panel.

If there is a question whether the most current version of the Solid Edge fonts is installed on the user's machine, simply delete the Solid Edge fonts through the Control Panel then install them from the Fonts directory on the Solid Edge DVD into the Windows\Font directory on the machine.

Solid Edge offers options to use graphics hardware (GPU) or software (CPU) to process SE displays. If you experience display problems, you can determine whether this is a Solid Edge or graphics card driver problem by setting the display to software driven. If the problem no longer occurs, check to be sure the latest available driver for the graphics card is installed on the system and if so, report the problem to the card manufacturer.

An Automatic Selection option on the View tab of the Options dialog box allows Solid Edge to automatically set the appropriate display settings based on the installed graphics card.

Pipes, pipe fittings, frames, and fastener systems will not explode using the Automatic Explode command. These items should be exploded manually, using the Explode command instead.

Problems can occur when the Broken Out Section View profile is constrained to geometry that is modified or removed by the Broken Out Section View itself. This only occurs when the Broken Out Section View profile is applied to the same drawing view on which it is defined. In most cases, constraints will simply be deleted automatically, however, rare conditions have occurred where the profile actually moves after the Broken Out Section View is updated.

Solid Edge Insight users are strongly encouraged to review the Solid Edge SharePoint Implementation Guide delivered with Solid Edge. (Program Files\Solid Edge ST8\Program\ResDLLs\000x\InsightImplementationGuide.pdf). This guide contains a wealth of information on installing and configuring SharePoint and Insight Server. Additionally it provides information that will aid in a successful experience in importing legacy documents and creating new documents in the managed workspace. This document contains helpful hints, tips and techniques and

is posted to the Solid Edge support web
site: <http://support.industrysoftware.automation.siemens.com/docs/se/>.

Users can affect display performance in Simply Motion through the reflection display option. Setting this to ON can result in slower performance in rotation than with it set to OFF. Weldments are not supported in Simply Motion.

Uninstalling Solid Edge

From Control Panel, click “Uninstall a Program”. A list of installed programs displays. Select “Solid Edge ST8” and click Uninstall to begin the uninstall process.

Once you remove Solid Edge, be sure to reboot your system to ensure optimal operation from subsequent installations.

Documentation

By default, Solid Edge displays web-served help. Set your browser language preference to determine what language is displayed.

1. Open Internet Options.
2. On the General tab, click Languages, then set your preference.

If the server cannot provide any language in your preferences, it displays English as a default.

If you cannot access the Internet from your workstation, you can display help installed with Solid Edge by doing the following:

1. Choose the Solid Edge Application button, then the Solid Edge Options button, then the Helpers tab.
2. Clear the option: Use my web browser to display help (requires Internet access).

Help installed with Solid Edge is not as full featured as web-served help. Tutorials, videos, self-paced training, and advanced search across all these content areas are only available with internet access.

If you are new to Solid Edge and do not have Internet access you should work through the Solid Edge testdrive:

1. Click “?” at the right side of the application window to display the Learn Solid Edge pane.
2. Click Try a start-to-finish workflow (PDF).

We welcome comments about Solid Edge technical documentation and training. You can reach us at seedumedia.plm@siemens.com.

For online Product Release Notes
visit: <http://support.industrysoftware.automation.siemens.com/docs/se/>.

For online technical tips (Maintenance Customers Only)
visit: <https://solutions.industrysoftware.automation.siemens.com/>.

For additional information relating to Solid Edge, visit: <http://www.solidedge.com>.

Training

Self-directed training for Solid Edge is free on the web. To find all of the available resources:

1. Go to the [Solid Edge ST8 Help and Training](#) home page.
2. Look under Learn to use Solid Edge.

Most Solid Edge partners offer instructor-led training based on courses available through the self-paced and classroom courses, such as:

- Solid Edge Fundamentals
- Solid Edge Assembly
- Solid Edge Sheet Metal

Contact your partner to schedule training.

Solid Edge Technical Support

Whether your first line of support is through your local Channel Partner or directly with the GTAC team, help is just a phone call or click away. Local Channel Partners will contact GTAC on your behalf if needed when responding to your requests.