

# SCIA Engineer 22.0 MSI installation command line parameters

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## General information

All parameters set during installation of SCIA Engineer 22.0 (like installation folder, language, protection...) can be set via command line. All parameters are case sensitive; most of them are in upper case. You can specify them like this:

```
SciaEngineer22.0.msi PARAMETER1=value1 PARAMETER2=value2
```

If you are using setup.exe bootstrapper, you can specify MSI parameters in /v parameter, so the example above would look like this:

```
setup.exe /v"PARAMETER1=value1 PARAMETER2=value2"
```

Note that there are no spaces between parameter name and value and between /v and quotation mark.

If parameter contains spaces (like in the path) it must be enclosed in quotation marks:

```
SciaEngineer22.0.msi INSTALLDIR="C:\Program Files\SEN22.0"
```

If you use setup.exe, you need to specify quotation marks within quotation marks like this:

```
setup.exe /v"INSTALLDIR=\"C:\Program Files\SEN22.0\""
```

## Redistributables required to install and run SCIA Engineer

If you install SCIA Engineer directly using MSI, you must ensure that all necessary prerequisites are available on the computer, otherwise setup or run of SCIA Engineer will fail. If you use setup.exe, all prerequisites are installed automatically during installation

### List of prerequisites

WinHTTP TLS fix for Windows 7 <sup>1</sup>	<a href="https://cdnstore.scia.net/setup_prereg/easyFix51044/MicrosoftEasyFix51044.msi">https://cdnstore.scia.net/setup_prereg/easyFix51044/MicrosoftEasyFix51044.msi</a>
.NET Framework 4.6.2	<a href="https://cdnstore.scia.net/setup_prereg/netFramework/4_6_2/NDP462-KB3151800-x86-x64-AllOS-ENU.exe">https://cdnstore.scia.net/setup_prereg/netFramework/4_6_2/NDP462-KB3151800-x86-x64-AllOS-ENU.exe</a>
Visual C++ 2005 SP1 redistributable	<a href="https://cdnstore.scia.net/setup_prereg/vc2005mfcu/vcredist_x86.exe">https://cdnstore.scia.net/setup_prereg/vc2005mfcu/vcredist_x86.exe</a>
Visual C++ 2010 redistributable x86	<a href="https://cdnstore.scia.net/setup_prereg/vc2010sp1/x86/vcredist_x86.exe">https://cdnstore.scia.net/setup_prereg/vc2010sp1/x86/vcredist_x86.exe</a>
Visual C++ 2010 redistributable x64	<a href="https://cdnstore.scia.net/setup_prereg/vc2010sp1/x64/vcredist_x64.exe">https://cdnstore.scia.net/setup_prereg/vc2010sp1/x64/vcredist_x64.exe</a>
Visual C++ 2013 redistributable x86	<a href="https://cdnstore.scia.net/setup_prereg/vc2013/x86/vcredist_x86.exe">https://cdnstore.scia.net/setup_prereg/vc2013/x86/vcredist_x86.exe</a>
Visual C++ 2013 redistributable x64	<a href="https://cdnstore.scia.net/setup_prereg/vc2013/x64/vcredist_x64.exe">https://cdnstore.scia.net/setup_prereg/vc2013/x64/vcredist_x64.exe</a>
Visual C++ 2019 redistributable x86	<a href="https://cdnstore.scia.net/setup_prereg/vc2019/14.28.29913/vc_redist.x86.exe">https://cdnstore.scia.net/setup_prereg/vc2019/14.28.29913/vc_redist.x86.exe</a>
Visual C++ 2019 redistributable x64	<a href="https://cdnstore.scia.net/setup_prereg/vc2019/14.28.29913/vc_redist.x64.exe">https://cdnstore.scia.net/setup_prereg/vc2019/14.28.29913/vc_redist.x64.exe</a>
Tekla to SCIA Engineer Plugin <sup>2</sup>	<a href="https://cdnstore.scia.net/setup_prereg/teklatosen/1_4_123/TeklaToSENSetup.msi">https://cdnstore.scia.net/setup_prereg/teklatosen/1_4_123/TeklaToSENSetup.msi</a>
Revit to SCIA Engineer Plugin <sup>3</sup>	<a href="https://cdnstore.scia.net/setup_prereg/revittosen/22_0_514/revit_setup.msi">https://cdnstore.scia.net/setup_prereg/revittosen/22_0_514/revit_setup.msi</a>

<sup>1</sup> required only for web setup on Windows 7

<sup>2</sup> install only if link from Tekla Structures to SCIA Engineer is required

<sup>3</sup> install only if link from Revit to SCIA Engineer is required

## Quick overview of SEN 22.0 command line parameters

NAME	PURPOSE
<b>INSTALLDIR</b>	full path to installation folder
<b>SETUPLANG</b>	language in which SEN is installed. It affects language dlls, default language and help files. This does not affect setup language; you must use transforms for that
<b>CREATEDESKTOPICON_ESA</b>	create desktop icon for Scia Engineer (0/1)
<b>CREATEDESKTOPICON_SCS</b>	create desktop icon for Scia Concrete Section (0/1)
<b>ADDLOCAL</b>	specifies which features should be installed

## Valid values for command line parameters

### SETUPLANG

SETUPLANG=language\_code

where language\_code is value from the following table:

1029 – Czech	1036 – French	1048 – Romanian
1031 – German	1043 – Dutch	1049 – Russian
1032 – Greek	1045 – Polish	1050 – Croatian
1034 – Spanish	1046 – Portuguese	1051 – Slovak

Only one value can be specified. If language is not specified, English (1033) will be used

DEFAULT VALUE: 1033 (English)

EXAMPLE: SETUPLANG=1043

### ADDLOCAL

Specifies which features should be installed. Feature names are case sensitive.

If not specified, typical setup is performed, so program files, help files (English or based on SETUPLANG), English language files, language files based on SETUPLANG (if specified) are installed on the computer.

You can specify keyword **ALL** to install all features (complete installation, including add-ons) like this:

ADDLOCAL=ALL

Or you can specify comma separated list of features, which should be installed, from the following list:

<b>ProgramFiles</b>	main application files and English language (required)
<b>Fonts</b>	fonts files (required)
<b>SciaDesignForms</b>	Scia Design Forms application files (required)
<b>SdfDocuments</b>	Scia Design Forms documents (required)
<b>HelpFiles</b>	help files
<b>ProjectTemplates</b>	project templates files
<b>SampleProjects</b>	sample projects
<b>LangCSY, LangESP, LangPLK, LangDEU, LangNLD, LangSKY, LangFRB, LangROM, LangRUS, LangELL, LangHRV, LangPTG, LangSRM</b>	additional language files
<b>TeklaLink_x64 RevitLink_x64</b>	add-ons for SciaEngineer

EXAMPLE:

ADDLOCAL=ProgramFiles, Fonts, SciaDesignForms, SdfDocuments, LangNLD, LangRUS

Do not use any spaces in the list of features.

**WARNING:** If you use ADDLOCAL parameter without ALL keyword, you should always specify **ProgramFiles, Fonts, SciaDesignForms** and **SdfDocuments** feature. Otherwise core Scia Engineer files will not be installed, and it will not be possible to run it.

NOTE: If you use SETUPLANG parameter together with ADDLOCAL, then you must include appropriate feature for desired language (unless of course you are using ALL keyword). For example, if you want to have Dutch as default language (using SETUPLANG=1043), you also must add LangNLD to ADDLOCAL list

NOTE: If HelpFiles feature is specified, language of help files is determined by SETUPLANG parameter. If not specified, then English help files will be installed.

## Unattended run of Scia Engineer 22.0 setup

To run Scia Engineer 22.0 setup without user interaction, you can use the following command line parameters:

`/qr` reduced user interface (UI) – full size setup dialog is displayed, but without user interaction

`/qb` basic UI – only small dialog with progress bar is displayed

`/qb+` same as `/qb` but shows modal dialog requiring user interaction after setup is completed

### EXAMPLES:

```
SciaEngineer22.0.msi /qr
```

```
SciaEngineer22.0.msi /qb INSTALLDIR=c:\SEN22.0
```

Or with `setup.exe` you can run:

```
setup.exe /S /v /qr
```

```
setup.exe /S /v"/qb INSTALLDIR=c:\SEN22.0"
```

## Document version

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