

SCIA Engineer 24.0 MSI installation command line parameters

General information

All parameters set during installation of SCIA Engineer 24.0 (like installation folder, language...) can be set via command line. All parameters are case sensitive; most of them are in upper case. You can specify them like this:

```
SciaEngineer24.0.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:

```
SciaEngineer24.0.msi INSTALLDIR="C:\Program Files\SEN24.0"
```

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

```
setup.exe /v"INSTALLDIR=\"C:\Program Files\SEN24.0\""
```

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

.NET Framework 4.8	https://cdnstore.scia.net/setup_prereg/netFramework/4_8_0/ndp48-x86-x64-allos-enu.exe
Visual C++ 2005 SP1 redistributable	https://cdnstore.scia.net/setup_prereg/vc2005mfcu/vcredist_x86.exe
Visual C++ 2010 redistributable x86	https://cdnstore.scia.net/setup_prereg/vc2010sp1/x86/vcredist_x86.exe
Visual C++ 2010 redistributable x64	https://cdnstore.scia.net/setup_prereg/vc2010sp1/x64/vcredist_x64.exe
Visual C++ 2013 redistributable x86	https://cdnstore.scia.net/setup_prereg/vc2013/x86/vcredist_x86.exe
Visual C++ 2013 redistributable x64	https://cdnstore.scia.net/setup_prereg/vc2013/x64/vcredist_x64.exe
Visual C++ 2022 redistributable x86	https://cdnstore.scia.net/setup_prereg/vc2022/14.32.31332/vc_redist.x86.exe
Visual C++ 2022 redistributable x64	https://cdnstore.scia.net/setup_prereg/vc2022/14.32.31332/vc_redist.x64.exe
Tekla to SCIA Engineer Plugin ¹	https://cdnstore.scia.net/setup_prereg/teklatosen/2_2_250/TeklaToSENSetup.msi
Revit to SCIA Engineer Plugin ²	https://cdnstore.scia.net/setup_prereg/revittosen/24_2_680/revit_setup.msi

¹ install only if link from Tekla Structures to SCIA Engineer is required

² install only if link from Revit to SCIA Engineer is required.

Quick overview of SEN 22.0 command line parameters

NAME	PURPOSE
INSTALLDIR	full path to installation folder
SETUPLANG	language in which SEN is installed. It affects language dlls and default language. This does not affect setup language; you must use transforms for that
ADDLOCAL	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:

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

EXAMPLE:

`ADDLOCAL=ProgramFiles, Fonts, SciaDesignForms, SdfDocuments, LangNLD, LangHRV`

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

Unattended run of Scia Engineer 24.0 setup

To run Scia Engineer 24.0 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:

```
SciaEngineer24.0.msi /qr
```

```
SciaEngineer24.0.msi /qb INSTALLDIR=c:\SEN24.0
```

Or with `setup.exe` you can run:

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

```
setup.exe /S /v"/qb INSTALLDIR=c:\SEN24.0"
```

Document version

Last updated: **22.4.2024**

Valid for SCIA Engineer version: **24.0.0029**