SES ENGINEERING Studio: Technical Reference Handbook

By The REUSE Company

Keep the concept of requirements quality and leverage other Systems Engineering activities by providing lifecycle management, traceability management, verification, and validation support.





SES ENGINEERING STUDIO: TECHNICAL REFERENCE HANDBOOK

The REUSE Company

2025 Edition



SES ENGINEERING STUDIO: TECHNICAL REFERENCE HANDBOOK

Version 1.8

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Changes History:

| Version | Date | Changes |
|---------|----------------|--|
| 1.0 | December 2021 | Initial version |
| 1.1 | June 2022 | New Select Components Window and Silent mode |
| 1.2 | July 2022 | New version for V22.2.1 – Capabilities selection |
| 1.3 | September 2022 | New SES ENGINEERING Studio Connectors chapter |
| 1.4 | August 2023 | New version V23 |
| 1.5 | January 2024 | Word Plugin added (Chapter 3) |
| 1.6 | April 2024 | New version V23.3 |
| 1.7 | December 2024 | New version V23.4 |
| 1.8 | May 2025 | Including Capella plug-in |
| | | |

Table of Contents

| 1 Installation Guide | 9 |
|--|----|
| 1.1 Download | 9 |
| 1.2 SES ENGINEERING Studio Installation with the Installation Wizard | 9 |
| 1.3 SES ENGINEERING Studio Installation in silent mode | 16 |
| 2 SES ENGINEERING Studio Connectors | 19 |
| 2.1 Download | 19 |
| 2.2 SES ENGINEERING Studio Connectors Installation with the Installation Wizard | 20 |
| 2.3 SES ENGINEERING Studio Connectors Installation in silent mode | 24 |
| 3 SES ENGINEERING Studio Word Plugin | 27 |
| 3.1 Download | 27 |
| 3.2 SES ENGINEERING Studio Word Plugin Installation with the Installation Wizard | 27 |
| 3.3 SES ENGINEERING Studio Word Plugin Installation in silent mode | 33 |
| 4 SES ENGINEERING Studio Capella Plugin | 35 |
| 4.1 Download | |
| 4.2 SES ENGINEERING Studio Word Plugin Installation with the Installation Wizard | 35 |
| 4.3 SES ENGINEERING Studio Word Plugin Installation in silent mode | 42 |

1 Installation Guide

This document applies to the 23.4.3 version of the product.

This guide will instruct you on installing SES ENGINEERING Studio. This process can only be done after installing all the licensing parts (FlexLM, TRC Vendor Daemon and Token Manager) in the licensing side and then installing and configuring the SES Server.

There are two ways to install SES ENGINEERING Studio:

- The most typical one is executing the installer with administration rights; an installation wizard will guide you to provide all the necessary parameters to perform the installation and at the end the tool will be installed.
- There is another way to install it from the command line, the silent mode, where all the parameters are provided beforehand, and the installation will be done without any further user interaction.

1.1 Download

First, download the SES ENGINEERING Studio installer from the TRC website. Use your navigator to access <u>https://resources.reusecompany.com/downloads</u> and then look for the version of the product you have licensed. Ask our support service if you need help to find it.

1.2 SES ENGINEERING Studio Installation with the Installation Wizard

Execute the installer with administration rights in your operating system. This document will guide your through the different windows of the Installation Wizard step by step.

• Select Setup Language: in this first window you can select the language of the installation wizard. You can choose between English and Spanish.

| Select Se | etup Language | \times |
|-----------|---|----------|
| E | Select the language to use during the installation: | |
| | English | ~ |
| | English | |
| | Español | _ |
| | OK Cancel | |
| | | |

FIGURE 1

NOTE: This language selection is not the language that the SES ENGINEERING Studio user interface will have. The SES ENGINEERING Studio user interface language will rely on your Operating System language, and you can always change it in the Options button of the Connections window or in the File menu of the SES ENGINEERING Studio main window.

 Welcome: this window will introduce all the actions to be performed while installing the SES ENGINEERING Studio application. You only must read the instructions and click on the "Next >" button.



FIGURE 2

License agreement: this window will show the license agreement you will need to accept
if you want to use the application. Please read it carefully before accepting it, then select
the first option below the text and then click on the "Next >" button. However, if you
don't agree just click on the "Cancel" button, and this will force the installation wizard
to finish, and it won't install the application.

| E Setup - SES ENGINEERING Studio | - | | × |
|---|---------|-----|------|
| License Agreement Please read the following important information before continuing. | | E | K. |
| Please read the following License Agreement. You must accept the ter agreement before continuing with the installation. | ms of t | his | |
| SES ENGINEERING Studio | | ^ | |
| Version 23.4 | | | |
| Binary Code License | | | |
| This Client license entitles you to use this sof doesn't entitle to any kind of ownership upon it Software is confidential copyrighted informatio I accept the agreement I do not accept the agreement | | | |
| 0 | | | |
| < Back Next | > | Can | icel |
| Figure 3 | | | |

• Select the information platform: if your OS is in 64-bits, the installation wizard will give you the chance to select anyway your preferred platform (32- or 64-bit). When selected, click on the "Next >" button.

If your OS is 32-bits, you are not going to see this window. SES ENGINEERING Studio will install.

| E Setup - SES ENGINEERING Studio | - | | × |
|--|-------|----|------|
| Platform This page allows you to select the installation platform. | | l | ÷ |
| On which platform do you want to install the tool? | | | |
| ◯ 32-bit | | | |
| ● 64-bit | | | |
| | | | |
| | | | |
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| | | | |
| | | | |
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| | | | |
| < Back N | ext > | Ca | ncel |
| | | | |

FIGURE 4

• Japanese language support: Select *Yes* to get the tool for Japanese language support installed.

| Setup - SES ENGINEERING Studio | - | | × |
|--|-------|-----|--------------|
| Japanese language support This page allows you to select Japanese language support. | | | 1 .~. |
| This page allows you to select Japanese language support. | | | C o |
| Do you want the tool to support Japanese language? | | | |
| • Yes | | | |
| ◯ No | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| < Back N | ext > | Car | ncel |
| | | | |



 Systems Engineering Suite Server: as described in the installation guide of the SES Server, the SES application will rely on the configuration established in SES Server, so the one and only parameter needed in SES ENGINEERING Studio is where the SES Server is. In this window it will ask for the SES Server computer name or IP address and its port: 16555.

NOTE: it's not possible to change this port when installing SES Server, thus the port configuration here must be 16555.

When these fields are fulfilled, click on the "Next >" button.

| 😑 Se | etup - SES ENGINEERING Studio | - | | × |
|------|--|----------------|-----------|------------|
| S | ystems Engineering Suite Server Select a Systems Engineering Suite Server | | E | E * |
| | Please specify name or address of an existing SES Server in next. The options can be changes later from the application | | ien click | |
| | Server Name | | | _ |
| | SESserver_name_of_IP_address | | | |
| | Port | | | |
| | 16555 | | | |
| | 10555 | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | < <u>B</u> ack | <u>N</u> ext > | Car | ncel |
| | | | | |



Select Destination Location: In this window, you can select the location where the
application is going to be installed. By default, it will suggest installing the application
in your "Program files" folder under the folder "The REUSE Company". But you can
choose any other destination either by typing it in the textbox or by clicking on the
"Browse" button on the right-hand side of the location textbox and navigating through
your computer storage system to find the suitable location for it.

When the path is selected, click on the "Next >" button.

| E Setup - SES ENGINEERING Studio | _ | | \times |
|---|----------------------------|---------------|----------|
| Select Destination Location | | E E | E. |
| Where should SES ENGINEERING Studio b | e installed? | Ľ | C. |
| Estup will install SES ENGINEERING | Studio into the following | folder. | |
| To continue, click Next. If you would like to | select a different folder, | click Browse. | |
| :\Program Files\The REUSE Company\SES | ENGINEERING Studio | Browse | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| At least 1.138,6 MB of free disk space is rea | quired. | | |
| | < Back Next > | Can | |
| | < <u>B</u> ack Next > | Can | cei |

FIGURE 7

• Select Components: here you can select the components you need (SES ENGINEERING Studio, Quality Studio, TRACEABILITY Studio, and V&V Studio). The SES ENGINEERING option includes the rest of the studios.

| Setup - SES ENGINEERING Studio - | | × |
|--|-----------|------|
| Select Component Which component should be installed? | | |
| Select the component you want to install. Click Next when you are ready t | o continu | e. |
| Custom selection | , | ~ |
| SES ENGINEERING Studio QUALITY Studio V&V Studio TRACEABILITY Studio | | |
| Current selection requires at least 1.422,3 MB of disk space. | | |
| < Back Next > | Ca | ncel |
| | | |

FIGURE 8

• Select Start Menu Folder: in this window you will be able to select where, in your Start menu, the shortcuts to the application must be created. By default, the installer proposes to create them under the folder "The REUSE Company":

| Setup - SES ENGINEERING Studio | - 0 | \times |
|--|--------|----------|
| Select Start Menu Folder Where should Setup place the program's shortcuts? | E | E: |
| Setup will create the program's shortcuts in the following Str To continue, click Next. If you would like to select a different folde | | |
| The REUSE Company | Browse | |
| | | |
| | | |
| | | |
| | | |
| | | |
| < Back Next | > Can | cel |

FIGURE 9

Ready to Install: this is the last step before installing the application in your system. It
holds a description of the parameters compiled through this installation wizard. If one
or more of the parameters are not right for your installation, just click on the "< Back"
repetitively until you reach the step to reconfigure your selections. When all the
parameters are correct, just click on the "Install" button.

| E Setup - SES ENGINEERING Studio - | | × |
|---|-------|--------|
| Ready to Install Setup is now ready to begin installing SES ENGINEERING Studio on you computer. | r | ¢ |
| Click Install to continue with the installation, or click Back if you want to r change any settings. | eview | or |
| Destination location: C:\Program Files\The REUSE Company\SES ENGINEERING Studio | | ^ |
| Setup type: Custom selection | | |
| Selected components: SES ENGINEERING Studio | | |
| Start Menu folder: The REUSE Company | | |
| < | > | \sim |
| < Back Install | С | ancel |
| | | |



• Installing: in this window you don't have to do anything but wait until the installation is completed. If you need to cancel the installation for any reason, click on the "Cancel" button. Otherwise, wait until the process is finished, and the wizard will move automatically to the next step.

| Setup - SES ENGINEERING Studio – | × |
|---|------------|
| Installing Please wait while Setup installs SES ENGINEERING Studio on your computer. | E * |
| Extracting files C:\\The REUSE Company\SES ENGINEERING Studio\Rqa.Face.Integrity.Local.c | III |
| | |
| | |
| | |
| | |
| | |
| | |
| Car | ncel |



 Completing the SES ENGINEERING Studio Setup Wizard: this window appears to notify you when the installation has finished successfully. Just click on the "Finish" button and you will have finished installing the application.



FIGURE 12

1.3 SES ENGINEERING Studio Installation in silent mode

The command line to install SES ENGINEERING Studio with parameters is:

The mandatory parameters are:

- /verysilent: installation mode
- /rqssserver: SES Server hostname
- /rqssport: SES Server port
- /components: one of the following available components ES for SES ENGINEERING Studio, QS for RQA – Quality Studio, VV for V&V Studio and TS for Traceability Studio

The optional parameters are:

- /platform: x86 or x64 (this is only available if the system is 64 bit) (The value by default is x86)
- /jp: True or False (The value by default is True)

Overrides the default component settings. Using this command line parameter causes Setup to automatically select a custom type. If no custom type is defined, this parameter is ignored. Only the specified components will be selected; the rest will be deselected.

If a component name is prefixed with a "*" character, any child components will be selected as well (except for those that include the dontinheritcheck flag). If a component name is prefixed with a "!" character, the component will be deselected.

This parameter does not change the state of components that include the fixed flag.

Example:

Select RQA – Quality Studio:

/components=QS

2 SES ENGINEERING Studio Connectors

SES ENGINEERING Studio may connect to many sources:

- Requirement tools such as DOORS, DNG, Codebeamer, Helix ALM, etc.
- Modelling tools such as Capella, Cameo, Enterprise Architect, Rhapsody.
- Simulation tools such as Simulink
- Function interfaces such as FMI/FMU
- And many others.

TRC has developed the SES ENGINEERING Studio Connectors tool as the consuming APIs from Modelling tools Capella, Cameo and OpenModelica require additional services to communicate SES ENGINEERING Studio with them. If you are not using these tools, you don't need to install them.

In the moment this document is written, SES ENGINEERING Studio Connectors can operate with Capella Common files.

For the Capella connection, there two different strategies:

- 1. Connecting through the API to the workspace (reading and writing)
- 2. Read directly the Capella AIRD file through the operating systems operation (read file) and parse the information into SES Engineering Studio (read only).

SES ENGINEERING Studio Connectors include Capella (as a plugin), Cameo (as a plugin), and OpenModelica (integration). The tools must be already installed before installing SES ENGINEERING Studio Connectors.

There are two ways to install SES ENGINEERING Studio Connectors:

- The most typical one is executing the installer; an installation wizard will guide you to provide all the necessary parameters to perform it, and at the end the tool will be installed.
- There is another way to install it from the command line, where all the parameters are provided beforehand, and the installation will be done without any further user interaction.

2.1 Download

First, download the SES ENGINEERING Studio installer from the TRC website. Use your navigator to access <u>https://resources.reusecompany.com/downloads</u> and then look for the version of the product. Ask our support service if you need help to find it.

2.2 SES ENGINEERING Studio Connectors Installation with the Installation Wizard

Execute the installer with administration rights in your operating system. This document will guide your through the different windows of the Installation Wizard step by step.

• Select Setup Language: in this first window you can select the language of the installation wizard, You can choose between English and Spanish.

| Select S | Setup Language | Х |
|----------|---|--------|
| Ξ | Select the language to use during the installation: | |
| | English | \sim |
| | English | |
| | Español OK Cance | |
| | | |



• Welcome: this window will introduce all the actions to be performed while installing the SES ENGINEERING Studio Connectors application. You only must read the instructions and click on the "Next >" button.





• License agreement: this window will show the license agreement you will need to accept if you want to use the application. Please read it carefully before accepting it, then select the first option below the text and then click on the "Next >" button. However, if you

don't agree just click on the "Cancel" button, and this will force the installation wizard to finish, and it won't install the application.

| Setup - SES ENGINEERING Studio Connectors | _ | | × |
|---|---------|------|-----|
| License Agreement Please read the following important information before continuing. | | E | ¢. |
| Please read the following License Agreement. You must accept the t agreement before continuing with the installation. | erms of | this | |
| Engineering Studio Connectors | | ^ | |
| Version 23.4 | | | |
| Binary Code License | | | |
| This Client license entitles you to use this so doesn't entitle to any kind of ownership upon Software is confidential convrighted information | it. | | |
| ● I accept the agreement | | | |
| \bigcirc I do not accept the agreement | | | |
| < Back Nex | t > | Can | cel |
| | | | |

FIGURE 15

Select Destination Location: In this window you can select the location where the
application is going to be installed. By default, it will suggest installing the application
in your "Program files" folder under the folder "The REUSE Company," but you can
choose any other destination either by typing it in the textbox or by clicking on the
"Browse" button on the right-hand side of the location textbox and navigating through
your computer storage system to find the suitable location for it.

When the path is selected, click on the "Next >" button.

| Setup - SES ENGINEERING Studio Connectors | - | | × |
|---|---------------------------|---------|-------|
| Select Destination Location Where should SES ENGINEERING Studio Connectors be installed? | | l | ÷ |
| Setup will install SES ENGINEERING Studio Connectors into folder. | the fol | lowing | |
| To continue, click Next. If you would like to select a different folder | r <mark>, clic</mark> k I | Browse. | |
| n Files\The REUSE Company\SES ENGINEERING Studio Connector | E | Browse | |
| | | | |
| | | | |
| | | | |
| | | | |
| At least 494,3 MB of free disk space is required. | | | |
| < Back Nex | t > | Ca | incel |

FIGURE 16

• Select Component: here you can select the components you need (Common files. Capella plugin and Cameo plugin. The components must be already installed in the system previously.

| Setup - SES ENGINEERING Studio Connectors | _ | | Х |
|--|-----------------|--------------|----|
| Select Component Which component should be installed? | | Ę | |
| Select the component you want to install. Click Next when | n you are ready | to continue. | |
| Capella Connector | | \sim | |
| Common files | | 1,6 MB | |
| Capella plugin | | 0,9 MB | |
| Cameo plugin | | 11,0 MB | |
| Modelica integration | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Current selection requires at least 496,6 MB of disk space | э. | | |
| < Back | Next > | Canc | el |
| | | | |

FIGURE 17

 Select Location(s): Depending on your selections in the previous screen, you will get different windows where you must provide where the different products are already installed. Use the "Browse" button to navigate within your folders. The next figure is showing one example (for Capella).

| Setup - SES ENGINEERING Studio Connectors | _ | | × |
|---|------------|--------|-------------|
| Select Capella Location Where is Capella installed? | | Ę | S S S |
| Rat plugin will be copied in the plugins subfolder. | | | |
| To continue, click Next. If you would like to select a different folder | , click Bi | rowse. | |
| Capella location | | | |
| | E | Browse | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| < Back Nex | :t > | Cancel | |
| | | | |



• Select Start Menu Folder: in this window you will be able to select where, in your Start menu, the shortcuts to the application must be created. By default, the installer proposes to create them under the folder "The REUSE Company":

| E Setup - SES ENGINEERING Studio Connectors - | | \times |
|---|---------------|----------|
| Select Start Menu Folder Where should Setup place the program's shortcuts? | | |
| Setup will create the program's shortcuts in the following Sta | art Menu fold | er. |
| To continue, click Next. If you would like to select a different folder, o | click Browse. | |
| The REUSE Company\SES ENGINEERING Studio Connectors | Browse | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| < Back Next > | → C | ancel |



Ready to Install: this is the last step before installing the application in your system. It
holds a description of the parameters compiled through this installation wizard. If one
or more of the parameters are not right for your installation, just click on the "< Back"
repetitively until you reach the step to reconfigure your selections. When all the
parameters are correct, just click on the "Install" button.

| E Setup - SES ENGINEERING Studio Connectors - | \times |
|---|----------|
| Ready to Install Setup is now ready to begin installing SES ENGINEERING Studio Connectors on your computer. | E: |
| Click Install to continue with the installation, or click Back if you want to review or change any settings. | |
| Destination location: C:\Program Files\The REUSE Company\SES ENGINEERING Studio Connecto | ^ |
| Setup type: Custom | |
| Selected components: Common files | |
| Start Menu folder: The REUSE Company\SES ENGINEERING Studio Connectors | |
| < > | × |
| < Back Install Ca | ancel |

FIGURE 20

 Installing: in this window you don't have to do anything but wait until the installation is completed. If you need to cancel the installation for any reason, click on the "Cancel" button. Otherwise, wait until the process is finished, and the wizard will move automatically to the next step.

| Installing | |
|--|-----|
| Please wait while Setup installs SES ENGINEERING Studio Connectors on your computer. | 090 |
| Extracting files C:\\DevExpress.Xpf.Themes.EngineeringStudioTheme.v21.1.dll | |
| | |
| | |
| | |
| | |
| | |
| Cancel |] |



• Completing the SES ENGINEERING Studio Connectors Setup Wizard: this window appears to notify you when the installation has finished successfully. Just click on the "Finish" button and you will have finished installing the application.



FIGURE 22

2.3 SES ENGINEERING Studio Connectors Installation in silent mode

The command line to install SES ENGINEERING Studio Connectors with parameters is:

The mandatory parameters are:

- /verysilent
- /components: the list may have one or more components, separated with commas, e.g., "capella", "cameo"

The optional parameters are used only for the components the user wants to install:

- /capellaLocation: specifying the complete route of the Capella installation
- /cameoLocation: specifying the complete route of the Cameo installation

3 SES ENGINEERING Studio Word Plugin

SES ENGINEERING Studio can operate inside MS Word, using it as the main tool. To include the plugin as a tab in the main ribbon, you must use the appropriate program, depending if you have a 32-bit or 64-bit configuration.

3.1 Download

First, download the SES ENGINEERING Studio installer from the TRC website. Use your navigator to access <u>https://resources.reusecompany.com/downloads</u> and then look for the version of the product. Ask our support service if you need help to find it.

3.2 SES ENGINEERING Studio Word Plugin Installation with the Installation Wizard

Execute the installer with administration rights in your operating system. This document will guide your through the different windows of the Installation Wizard step by step.

• Select Setup Language: in this first window you can select the language of the installation wizard, You can choose between English and Spanish.

| Select Se | etup Language | \times |
|-----------|---|----------|
| Ξ | Select the language to use during the installation: | |
| | English | \sim |
| | English | |
| | Español Ok Cancer | _ |
| | | |
| | FIGURE 23 | |

• Welcome: this window will introduce all the actions to be performed while installing the SES ENGINEERING Studio Word Plugin application. You only must read the instructions and click on the "Next >" button.

| E Setup - SES ENGINEERING | Studio Word Plugin | — | | × |
|---------------------------|--|--------------|------------|-------|
| | Welcome to the S ENGINEERING St Plugin Setup Wiz | udio V | Vord | |
| ૻ૱ૼ | This will install SES ENGINEERING on your computer. | Studio Wor | d Plugin 2 | 3.4.3 |
| ୍ଚ୍ଚ୍ଚ | It is recommended that you close before continuing. | all other ap | plications | |
| | Click Next to continue, or Cancel t | o exit Setup | | |
| | | Next > | Car | ncel |

FIGURE 24

License agreement: this window will show the license agreement you will need to accept
if you want to use the application. Please read it carefully before accepting it, then select
the first option below the text and then click on the "Next >" button. However, if you
don't agree just click on the "Cancel" button, and this will force the installation wizard
to finish, and it won't install the application.

| Setup - SES ENGINEERING Studio Word Plugin | - | | × |
|---|-----------|------|-----|
| License Agreement Please read the following important information before continuing. | | Ę | ¢. |
| Please read the following License Agreement. You must accept the to agreement before continuing with the installation. | erms of t | this | |
| SES ENGINEERING Studio Word Plug | gin | ^ | |
| Version 23.4 | | | |
| Binary Code License | | | |
| This Client license entitles you to use this so doesn't entitle to any kind of ownership upon Software is confidential convrighted information | it. | | |
| I accept the agreement | | | |
| \bigcirc I do not accept the agreement | | | |
| < Back Next | t > | Cano | cel |

FIGURE 25

• Japanese language support: Select *Yes* to get the tool for Japanese language support installed.

| Setup - SES ENGINEERING Studio Word Plugin | — | | × |
|--|--------|---|----------|
| Japanese language support This page allows you to select Japanese language support. | | | E |
| Do you want the tool to support Japanese language? | | | |
| • Yes | | | |
| ◯ No | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| < Back | Next > | C | Cancel |

FIGURE 26

• Systems Engineering Suite Server: In this window you must select the location of the SES Server and the port.

When the Server Name and port are selected, click on the "Next >" button.

| Setup - SES ENGINEERING Studio Word Plugin | - | | × |
|---|--------------|-----------|-------|
| Systems Engineering Suite Server Select a Systems Engineering Suite Server | | | |
| Please specify name or address of an existing SES Server inst next. The options can be changes later from the application. | allation, tł | nen click | |
| Server Name | | | _ |
| localhost | | | |
| Port | | | |
| 16555 | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| < Back | Next > | Ci | ancel |



• License Level: Depending on the license level acquired, select the lite or full version, and click on the "Next >" button.

| Setup - SES ENGINEERING Studio Word Plugin | _ | | × |
|---|------------|------------|-------|
| License Level Select a license level | | | |
| The available features depend on the license level. Select one op The license level can be changed later from the application. | otion, the | n click ne | ext. |
| ◯ SES plugin lite | | | |
| SES plugin full | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| < <u>B</u> ack | ext > | Ca | ancel |



Select Destination Location: In this window you can select the location where the
application is going to be installed. By default, it will suggest installing the application
in your "Program files" folder under the folder "The REUSE Company," but you can
choose any other destination either by typing it in the textbox or by clicking on the
"Browse" button on the right-hand side of the location textbox and navigating through
your computer storage system to find the suitable location for it.

When the path is selected, click on the "Next >" button.

| E Setup - SES ENGINEERING Studio Word Plugin - | | |
|--|--------------|-----|
| Select Destination Location Where should SES ENGINEERING Studio Word Plugin be installed? | | 090 |
| Setup will install SES ENGINEERING Studio Word Plugin into th folder. | ne following | |
| To continue, click Next. If you would like to select a different folder, cl | lick Browse. | |
| I Files\The REUSE Company\SES ENGINEERING Studio Word Plugin | Browse | |
| | | |
| | | |
| | | |
| | | |
| | | |
| At least 1.449,0 MB of free disk space is required. | | |
| < <u>B</u> ack <u>N</u> ext > | Cancel | |

FIGURE 29

 Select Start Menu Folder: in this window you will be able to select where, in your Start menu, the shortcuts to the application must be created. By default, the installer proposes to create them under the folder "The REUSE Company":

| Setup - SES ENGINEERING Studio Word Plugin - | | × |
|---|--------------|------|
| Select Start Menu Folder Where should Setup place the program's shortcuts? | l | ÷ |
| Setup will create the program's shortcuts in the following Star | t Menu folde | r. |
| To continue, click Next. If you would like to select a different folder, cli | ck Browse. | |
| The REUSE Company\SES ENGINEERING Studio Word Plugin | Browse | |
| | | |
| | | |
| | | |
| < Back Next > | Ca | ncel |

FIGURE 30

Ready to Install: this is the last step before installing the application in your system. It
holds a description of the parameters compiled through this installation wizard. If one
or more of the parameters are not right for your installation, just click on the "< Back"
repetitively until you reach the step to reconfigure your selections. When all the
parameters are correct, just click on the "Install" button.



FIGURE 31

 Installing: in this window you don't have to do anything but wait until the installation is completed. If you need to cancel the installation for any reason, click on the "Cancel" button. Otherwise, wait until the process is finished, and the wizard will move automatically to the next step.

| E Setup - SES ENGINEERING Studio Word Plugin - | × |
|---|--------|
| Installing Please wait while Setup installs SES ENGINEERING Studio Word Plugin on you computer. | r 🥵 |
| Extracting files C:\\The REUSE Company\SES ENGINEERING Studio Word Plugin\Rqa.Bll.dll | |
| | |
| | |
| | |
| | |
| | |
| | |
| [| Cancel |



• Completing the SES ENGINEERING Studio Word Plugin Setup Wizard: this window appears to notify you when the installation has finished successfully. Just click on the "Finish" button and you will have finished installing the application.



FIGURE 33

3.3 SES ENGINEERING Studio Word Plugin Installation in silent mode

The command line to install SES ENGINEERING Studio Word Plugin with parameters is:

SES-ENGINEERING-Studio-Word-Plugin-<version>.exe /verysilent /rqssserver <your.host.name> /rqssport <portNumber> /licenseLevel <license>

The mandatory parameters are:

- /verysilent
- /rqssserver: SES Server hostname
- /rqssport: SES Server port
- /licenseLevel: Indicates whether to use lite edition or full edition 0 for lite edition
 - 1 for full edition

4 SES ENGINEERING Studio Capella Plugin

SES ENGINEERING Studio can operate inside Capella, using it as the main tool. To include the plugin as a tab in the main ribbon, you must use the appropriate program for installation.

4.1 Download

First, download the SES ENGINEERING Studio installer from the TRC website. Use your navigator to access <u>https://resources.reusecompany.com/downloads</u> and then look for the version of the product. Ask our support service if you need help to find it.

4.2 SES ENGINEERING Studio Capella Plugin Installation with the Installation Wizard

Execute the installer with administration rights in your operating system. This document will guide your through the different windows of the Installation Wizard step by step.

• Select Setup Language: in this first window you can select the language of the installation wizard, You can choose between English and Spanish.

| Select S | Setup Language | × |
|----------|---|----|
| Ξ | Select the language to use during the installation: | |
| | English English | ~ |
| | Español OK Canc | er |

FIGURE 34

• Welcome: this window will introduce all the actions to be performed while installing the SES ENGINEERING Studio Capella Plugin application. You only must read the instructions and click on the "Next >" button.

| E Setup - SES ENGINEERIN | G Studio Capella Plugin | - | | × |
|--------------------------|---|--------------|-------------|------|
| | Welcome to the S ENGINEERING Stu Plugin Setup Wiza | udio C | apella | а |
| | This will install SES ENGINEERING 23.4.3 on your computer. | Studio Cap | ella Plugin | |
| | It is recommended that you close a before continuing. | all other ap | plications | |
| | Click Next to continue, or Cancel to | exit Setup | | |
| | | Next > | Car | icel |

FIGURE 35

License agreement: this window will show the license agreement you will need to accept
if you want to use the application. Please read it carefully before accepting it, then select
the first option below the text and then click on the "Next >" button. However, if you
don't agree just click on the "Cancel" button, and this will force the installation wizard
to finish, and it won't install the application.

| 🚽 Setup - SES ENGINEERING Studio Capella Plugin — 🛛 🛛 🗙 |
|---|
| License Agreement Please read the following important information before continuing. |
| Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation. |
| SES ENGINEERING Studio Capella Plugin 🛛 ^ |
| Version 23.4 |
| Binary Code License |
| 1. This Client license entitles you to use this software, but doesn't entitle to any kind of ownership upon it. |
| I accept the agreement |
| \bigcirc I do not accept the agreement |
| < Back Next > Cancel |

FIGURE 36

• Systems Engineering Suite Server: In this window you must select the location of the SES Server and the port.

| 😑 Se | tup - SES ENGINEERING Studio Word Plugin | - | | × |
|------|---|--------|----------|-------|
| Sy | stems Engineering Suite Server | | | |
| | Select a Systems Engineering Suite Server | | | |
| | Please specify name or address of an existing SES Server in next. The options can be changes later from the application. | | en click | |
| | Server Name | | | |
| | localhost | | | |
| | | | | |
| | Port | | | |
| | 16555 | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
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| | | | | |
| | | | | |
| | < Back | Next > | С | ancel |
| | | | | |

When the Server Name and port are selected, click on the "Next >" button.

FIGURE 37

Select Capella Location: In this window you can select the location where Capella is
installed. Click on the "Browse" button on the right-hand side of the location textbox
and navigate through your computer storage system to find the location for it. You can
also write the location.

When the path is selected, click on the "Next >" button.

| E Setup - SES ENGINEERING Studio Capella Plugin | - | | \times |
|--|----------|---------|------------|
| Select Capella Location Where is Capella installed? | | l | E * |
| Rat plugin will be copied in the plugins subfolder. | | | |
| To continue, click Next. If you would like to select a different folde | r, click | Browse. | |
| Capella location | | | |
| C:\Capella6\capella | В | rowse | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| < Back Next | > | Car | ncel |

FIGURE 38

• Select a License Level: Depending on the license level acquired, select the lite or full version, and click on the "Next >" button.

| 📃 Setup - SES ENGINEERING Studio Capella Plugin | - | | | × |
|---|----------------|--------|---------|------------|
| License Level Select a license level | | | | É r |
| The available features depend on the license level. Sele next. The license level can be changed later from the a | | n, the | n click | |
| ◯ SES plugin lite | | | | |
| SES plugin full | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| < <u>B</u> ack | <u>N</u> ext > | | Ca | ancel |

FIGURE 39

Select Destination Location: In this window you can select the location where the
application is going to be installed. By default, it will suggest installing the application
in your "Program files" folder under the folder "The REUSE Company," but you can
choose any other destination either by typing it in the textbox or by clicking on the
"Browse" button on the right-hand side of the location textbox and navigating through
your computer storage system to find the suitable location for it.

When the path is selected, click on the "Next >" button.

| E Setup - SES ENGINEERING Studio Capella Plugin — | | |
|---|---------------|-----|
| Select Destination Location Where should SES ENGINEERING Studio Capella Plugin be installed? | e e | 000 |
| Setup will install SES ENGINEERING Studio Capella Plugin into folder. | the following | |
| To continue, click Next. If you would like to select a different folder, | click Browse. | |
| s\The REUSE Company\SES ENGINEERING Studio Capella Plugin | Browse | |
| | | |
| | | |
| | | |
| | | |
| | | |
| At least 1.354,1 MB of free disk space is required. | | |
| < Back Next > | Cancel | |

FIGURE 40

• Select Capella Version: Choose the Capella version you have from a list of supported versions.

| E Setup - SES ENGINEERING Studio Capella Plugin | - | | × |
|--|----------------|----|-------|
| Select Capella Version Which version of Capella are you using? | | l | ÷ |
| Below is the list of Capella versions supported by Engineerin the version of Capella that corresponds to the one provided | | | ect |
| 🔿 Capella 5 | | | |
| Capella 6 | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| < <u>B</u> ack | <u>N</u> ext > | Ca | incel |

FIGURE 41

• Select Start Menu Folder: in this window you will be able to select where, in your Start menu, the shortcuts to the application must be created. By default, the installer proposes to create them under the folder "The REUSE Company":

| Setup - SES ENGINEERING Studio Capella Plugin – | - | × |
|---|--------|-------------|
| Select Start Menu Folder Where should Setup place the program's shortcuts? | E | E :• |
| Setup will create the program's shortcuts in the following Sta | | |
| To continue, click Next. If you would like to select a different folder The REUSE Company\SES ENGINEERING Studio Capella Plugin | Browse | |
| | | |
| | | |
| | | |
| < Back Next > | > Car | |
| < Back Mext > | | |



Ready to Install: this is the last step before installing the application in your system. It
holds a description of the parameters compiled through this installation wizard. If one
or more of the parameters are not right for your installation, just click on the "< Back"
repetitively until you reach the step to reconfigure your selections. When all the
parameters are correct, just click on the "Install" button.

| 📃 Setup - SES ENGINEERING Studio Capella F | Plugin | _ | | × |
|--|----------------|----------------|-------------|--------|
| Ready to Install Setup is now ready to begin installing SES I Plugin on your computer. | ENGINEERII | NG Studio Ca | pella | ¢; |
| Click Install to continue with the installation, change any settings. | or click Bad | k if you wan | t to reviev | v or |
| Destination location: C:\Program Files\The REUSE Company | SES ENGI | NEERING Stu | ıdio Capel | lë |
| Start Menu folder: The REUSE Company\SES ENGINEERI | NG Studio (| Capella Plugir | n | |
| | | | | |
| | | | | |
| 4 | | | | |
| | | | | |
| | < <u>B</u> ack | Install | | Cancel |
| | | | | |



• Installing: in this window you don't have to do anything but wait until the installation is completed. If you need to cancel the installation for any reason, click on the "Cancel"

button. Otherwise, wait until the process is finished, and the wizard will move automatically to the next step.

| 📃 Setup - SES ENGINEERING Studio Capella Plugin — | \times |
|---|------------|
| Installing Please wait while Setup installs SES ENGINEERING Studio Capella Plugin on your computer. | É r |
| Extracting files C:\\SES ENGINEERING Studio Capella Plugin\Z.BulkOperations.dll | |
| | |
| | |
| | |
| | |
| | |
| | |
| | Cancel |

FIGURE 44

• Completing the SES ENGINEERING Studio Capella Plugin Setup Wizard: this window appears to notify you when the installation has finished successfully. Just click on the "Finish" button and you will have finished installing the application.



FIGURE 45

4.3 SES ENGINEERING Studio Capella Plugin Installation in silent mode

The command line to install SES ENGINEERING Studio Word Plugin with parameters is:

SES-ENGINEERING-Studio-Capella-Plugin-<version>.exe /verysilent /rqssserver <your.host.name> /rqssport <portNumber> /licenseLevel <license>

The mandatory parameters are:

- /verysilent
- /rqssserver: SES Server hostname
- /rqssport: SES Server port
- /licenseLevel: Indicates whether to use lite edition or full edition 0 for lite edition
 - 1 for full edition

The REUSE Company

The REUSE Company is an organization specialized in the application of Semantic Representation and Analysis Technologies to a wide range of industries (Aerospace, Defense, Automotive, Naval, Health, ...). Our customers are usually (but not limited to) safety-oriented organizations.

Our focus is on System/Software Reuse, Traceability and Quality applied to all types of work-products throughout the whole SE lifecycle (requirements, SysML Models, physical models, tests cases, data results, manuals, natural language descriptions, fault trees, etc.). The integration of tools and technology from The REUSE Company facilitates the representation, analysis and exploitation of knowledge allowing for a knowledge-centric system engineering approach.

Our mission is to promote system/software and knowledge reuse within any organization, by offering processes, methods, tools, and services that make it possible. We offer technology that is fully integrated within the organization's production chain.



