GRANTA SELECTOR

Technical Note

Silent/Quiet or Batch Installation

Table of Contents

About this document

This Technical Note is for system administrators who need to silently or batch install GRANTA Selector on their users' machines using command prompts.

In this document:

❖ **Each step of the instructions is shown on a gold background, like this.**

More detailed instructions appear below the main instruction.

Text on elements in the software (such as buttons, dialogs and tabs) appears in bold, **like this**. The names of files and documents are emphasised *like this*. Words and numbers that you type as you follow the instructions appear in monotype, `like this`.

1 Installing pre-requisites

Before attempting to install GRANTA Selector through the command line, you must first install:

- Microsoft .NET Framework version 4.7.2
- Microsoft Report Viewer 2010 SP1
- Microsoft VC 141 Redistributable

If they are not installed:

❖ Create a layout using the main GRANTA Selector installer

Enter the following into the command line:

`selector_setup.XXXX_RY.exe /layout <layout-folder>`

XXXX_RY is the *GRANTA Selector* version number, e.g. 2021 R1.

The *redist* folder in *<layout-folder>* contains installers for the three pre-requisites, plus French language packs for .NET Framework and Report Viewer.

❖ Install .NET Framework version 4.7.2 (if required)

From the command line, run:

`NDP472-KB4054530-x86-x64-AllOS-ENU.exe /install /quiet`

❖ Install the Visual C++ Redistributable (if required)

From the command line, run:

`VC_redist.x86.exe /install /quiet`

❖ Install Report Viewer 2010 SP1

From the command line, run:

`reportviewer.exe /install /quiet`

2 Installing *GRANTA Selector*

❖ Open the *packages* folder after extracting the files in *GRANTASELECTOR_XXXXRY_WINDOWS.zip*

XXXXRY is the version number of *GRANTA Selector*, e.g. 2021 R1.

This folder contains the *.msi* files that make up the installer. To perform a silent install, they must be run in the correct order from the command line.

❖ Run the main *GRANTA Selector* installer

From the command line, run:

```
msiexec /i Selector.msi PARENTINSTALLFOLDER="C:\Program Files
(x86)\GRANTA Selector /quiet
```

❖ Set up your *Ansys FlexNet* license server to work with *GRANTA Selector*

From the command line, run

```
msiexec /i License.msi PARENTINSTALLFOLDER="C:\Program Files
(x86)\GRANTA Selector" SERVER=1055@<your-licenseserver>
ANSYSLI_SERVERS=2325@<your-licenseserver> /quiet
```

substituting the name and port numbers of your license server.

❖ Specify redundant license servers (optional)

In the previous step, enter the server names and port numbers after those of your default server, separated by a semi-colon:

```
SERVER=1055@<your-licenseserver>;1055@<server-2>;1055@<server-3>
ANSYSLI_SERVERS=2325@<your-licenseserver>;2325@<server-
2>;2325@<server-3>
```

❖ Install the databases

From the command line, run:

```
msiexec /i polymers.msi /quiet
msiexec /i metals.msi /quiet
```

❖ Run the add-in for *Ansys Workbench* (optional)

If your users need to launch *GRANTA Selector* from within *Ansys Workbench*, run the following from the command line:

```
msiexec /i Selector_Addin.XXXX.RY.msi /quiet
```

Here, *XXXX.RY* is the version number **of your *Ansys Workbench* installation**. This should be the most recent version of *Ansys Workbench* to ensure compatibility.

If multiple versions of *Ansys Workbench* are installed, you must run the add-in for each one separately.

Copyright and Trademark Information

Disclaimer Notice

U.S. Government Rights

Third-Party Software

We welcome your feedback on this document. Please let us know if anything is unclear, if you spot an error, or have an idea for new content, by emailing granta-docs@ansys.com

Document version: SEL-TN1.01
Published: January 2021