



GRANTA SELECTOR

Technical Note

Silent/Quiet or Batch Installation

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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 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*

2.1 Using the .exe

These instructions apply to *Granta Selector 2022 R2* or later.

- ❖ Extract the files in *GRANTASELECTOR_XXXXRY_WINX64.zip*

XXXXRY is the version number of *Granta Selector*, e.g. 2021 R2.

- ❖ Run the *Granta Selector* installer (*selector_setup.XXXX_RY.exe*)

From the command line, run:

```
selector_setup.XXXX_RY.exe /licenseServer:1055@<your-licenseserver>  
/install /quiet
```

substituting the name and port number 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:

```
/licenseServer:=1055@<your-licenseserver>;1055@<server-  
2>;1055@<server-3>
```

2.2 Using .msi files

These instructions apply to any release of *Granta Selector*.

- ❖ Open the *packages* folder after extracting the files in *GRANTASELECTOR_XXXXRY_WINX64.zip*

XXXXRY is the version number of *Granta Selector*, e.g. 2021 R2.

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.RY.msi /quiet
```

Here, *RY* is the release 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, run the add-in for each one separately.

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