



# Installation Guide

*2020*



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## Document conventions

In this document:

❖ Each instruction is shown on a blue background, like this.

More details appear below the main instruction.

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

# 1 Pre-requisites and Support

## 1.1 System Requirements

To install *GRANTA Selector* you will need:

- A compatible Microsoft® Windows® operating system:
  - Windows 10 (32-bit or 64-bit)
  - Windows 8 or 8.1 (32-bit or 64-bit)
- 4 GB of RAM
- 4 GB of available hard disk space
- Microsoft .NET Framework version 4.6.2, Microsoft Report Viewer 2010 SP1, and Microsoft VC 141 redistributable (if these are not already installed on your computer, they will be downloaded and installed during the *GRANTA Selector* installation process)
- Your ANSYS FlexNet license server name and port number
- Administrator rights and internet access

## 1.2 Help and Documentation

*GRANTA Selector* comes with both online and offline software help. This can be accessed through the Help menu or by pressing F1. Help topics cover:

- Core functionality and tools
- Available data and the architecture of GRANTA databases
- Calculations used by the software

Additional resources for new or returning users are available on the [Getting Started](#) pages on the Granta Design website (these are also linked to from the database homepage and the online Help).

Other documentation, including information on key new features in this release and the Synthesizer tool Model Writer's Guide, is available to download from the *GRANTA Selector* [Documentation Library](#). Access to the Documentation Library requires a My Granta account.

## 1.3 Further Support

For further help and support related to use of the software, visit the [GRANTA Selector Support Site](#) or email the Granta Design Support team at [support@grantadesign.com](mailto:support@grantadesign.com).

For help and support related to licensing, download and installation, visit the ANSYS Download Center's [Installation and Licensing Help and Tutorials](#) page. The [Licensing Guide](#) is an excellent introduction to the basic licensing set-up.

## 2 Installation Instructions

If you have previously installed any version of *CES Selector*, you do not need to uninstall it before installing *GRANTA Selector*. The software needs to be installed on a local drive.

### 2.1 Licensing

*GRANTA Selector 2020* has a flex-enabled, floating concurrent license model. The software itself is installed locally and may be installed on as many machines as needed, but requires access to a FlexNet license server and a license file to run.

If you have also installed *GRANTA Selector 2020 Classic*, you may experience incorrectly displayed databases due to licensing conflicts. We recommend uninstalling *GRANTA Selector 2020 Classic*; each version can be viewed independently in the Windows **Add/Remove Programs** dialog.

### 2.2 GRANTA Selector Installation


Before installing *GRANTA Selector 2020*, you will need to have set up a FlexNet license server and added your *GRANTA Selector* license file to it using *ANSYS License Manager* (also available from the ANSYS [Download Center](#)). For an excellent introduction and step-by-step tutorials for each stage of the process, see the [ANSYS Licensing Guide](#).

To install *GRANTA Selector 2020*:

- ❖ Go to the [Download Center](#) on the ANSYS Customer Portal.

You will need your Customer Portal log-in details.

- ❖ Expand the **Primary Packages** header and click the **GRANTA Selector** button.

*GRANTA Selector* is listed under **Materials** on the right-hand side; click on the yellow Help  icon for package details.

Save File *GRANTA\_SELECTOR\_2020R1\_WINDOWS.zip* when prompted.

- ❖ Extract the files, and double-click the installer *selector\_setup.2020.exe* to run it.

Read and accept the license agreement, and choose a location on your local drive to install *GRANTA Selector*.

- ❖ Configure *GRANTA Selector* to connect to your license server.

Enter the name and port number of your FlexNet license server. You may need to configure your firewall using ANSYS License Manager to allow use of the port.

The default port number for FlexNet license servers is *1055*; the installer automatically populates the **Server port number** field with this value.

Optional: Name up to 2 more redundant license servers.

- ❖ Click **Install**.

## 2.3 ANSYS Workbench Add-in Installation

### When GRANTA Selector is installed after ANSYS Workbench

- ❖ Follow the [standard installation](#) instructions above.

The GRANTA Selector add-in for ANSYS Workbench will automatically be installed with the software.

### When GRANTA Selector is installed before ANSYS Workbench

- ❖ Install ANSYS Workbench.

- ❖ Install the add-in using one of the following methods:

- Re-run the GRANTA Selector installer (*selector\_setup.2020.exe*)
- Manually run *Selector\_Addin.YYYY.RX.msi*, located in the *packages* folder (in the same folder as the installer), where **YYYY RX** is the release cycle for your version of ANSYS Workbench (e.g. 2019 R3).

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**Note:** If you have more than one version of ANSYS Workbench installed, the GRANTA Selector installer will run all applicable add-in .msi files, or you must manually run the .msi files for all versions separately.

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[www.grantadesign.com](http://www.grantadesign.com)

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