Introduction

Spring Calculator Professional introduces a new licensing system. For standalone licenses, you must generate activation codes (different for each computer), but the network license is simpler and you will issued a single code to install everywhere.

Detailed Steps

Downloading the software

When you purchase the software, you will be given login details for our licensing website. This will enable you to check for new versions and download them yourself as well as retrieve the license key.

Installing Spring Calculator Professional as a new purchase

If you do not have a previous version of either Spring Calculator Professional or IST Spring Design & Validation v7 installed, the procedure is straightforward. Simply download and run the latest setup file (called scpsetupXXX.exe, where XXX refers to the version number). Follow the prompts during installation.

Spring Calculator Professional as an upgrade

If you have a previous version of either Spring Calculator Professional or IST Spring Design & Validation v7 installed, you must follow some simple steps.

- First, uninstall your existing software by going to the Control Panel and running "Add or Remove Programs" (on Windows XP) or "Uninstall a program" (Windows Vista or 7).

- Download the zip file containing the installation files. This is called scpsetupXXX.zip (where XXX refers to the version number)

- Extract the zip file by double-clicking on it

- Run the installation file scpsetupXXX.exe from the extracted directory, and follow the prompts to set up the software

- Unless this was only a slight version change within Spring Calculator Professional (and certainly if upgrading from v7), you will need to run the ISTUpgrade program – again, from the extracted directory of files
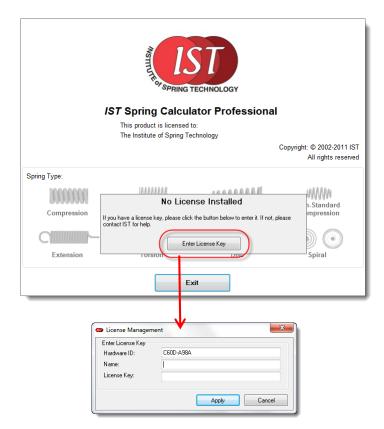
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Installing the license

If you try running the software, you will see a screen like the example below telling you there is no license available. Clicking on the "Enter License Key" button brings up another window where you will enter the name and license key provided.

Installing Optimisation modules

If your license includes any of the optimisation modules, you must follow a couple of extra steps. The first of these is to install the Matlab runtime libraries – this can be done before or after the main software (and if you are upgrading and already had the optimisation installed properly, you don't need to do this again). After downloading, double-click on the zip file to extract it and run the Setup.exe file.

When both the software and MCR files are installed, you need to register the optimisation libraries. The method differs depending on the version of Windows you have installed.

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Registering the Optimisation files on Windows XP

On Windows XP, there is a batch file in the program installation folder called opt_regxx.bat (the xx is a number and may differ depending on the version of this file); by default this installation folder is C:\Program Files\ISTSpringDesign (or C:\Program Files (x86)\ISTSpringDesign on a 64-bit system). Simply double-click on this file to run it.

Registering the Optimisation files on Windows Vista or Windows 7

On Windows Vista or 7, run MCR_Reg, which is a small program contained either in the zip file with the IST software setup, or can be obtained separately from the Download page of the licensing website. It will ask for administrator privileges, and must be allowed to run in order to register the files. You will also need to run Spring Calculator Professional with administrator rights the first time you perform an optimisation calculation (to do this, right-click on the program shortcut and choose Run As Administrator) – but once you've done this once, you can run it as normal subsequently.