

SOPRANE I

Installation guide



SRA INSTRUMENTS
210 rue des Sources
69280 Marcy l'Etoile
FRANCE

T : 04.78.44.29.47
F : 04.78.44.29.62
info@sra-instruments.com
www.srainstruments.com

SAS au capital de 150.000 €
RCS Lyon B 342 068 731
APE 4669B
SIRET: 342 068 731 00054
Code TVA FR 40342068731



Table of contents

1. CHECK YOUR COMPUTER CONFIGURATION	3
1.1 Remove the alert messages on screen	3
1.2 Remove the stand-by modes	4
1.2.1 Remove the stand-by mode on your computer	4
1.2.2 Remove the stand-by mode of the USB ports	5
1.2.3 Remove the stand-by mode of the hard disk	5
1.2.4 Disable power management for the network adapter	6
2. SOPRANE INSTALLATION	7
2.1 Software installation	7
2.2 Drivers installation	13
3. COMPUTER CONFIGURATION FOR NETWORKING	17
3.1 Administrator authorization on Soprane directory	17
3.2 Administrator authorization on the user ProgramData directory	18
3.3 Administrator authorization on the Soprane registry key	19

1. Check your computer configuration

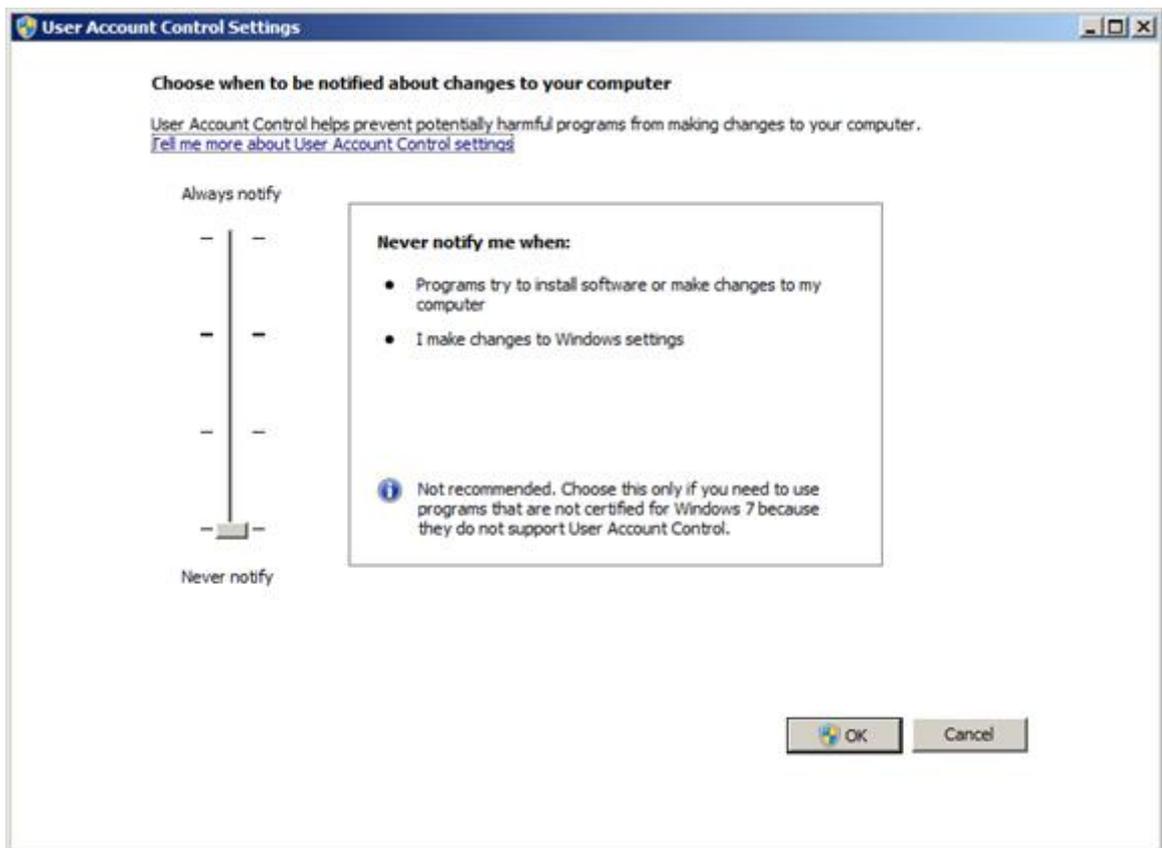
Soprane can be installed on Windows Seven, 8 and 10.

To successfully complete the installation, the computer must be started with **an administrator account with full write and modify rights**. The installation must be performed by a competent person who is sufficiently familiar with the Windows environment.

1.1 Remove the alert messages on screen

In order to avoid receiving alert messages on your computer, for example each time you want to launch an analysis, use the following procedure:

1. Simultaneously press the '**Windows flag**' key and the '**R**' key.
2. In the '**Run**' window that appears, type in the field `Open the following line: useraccountcontrolsettings` and validate.
3. The following window appears:



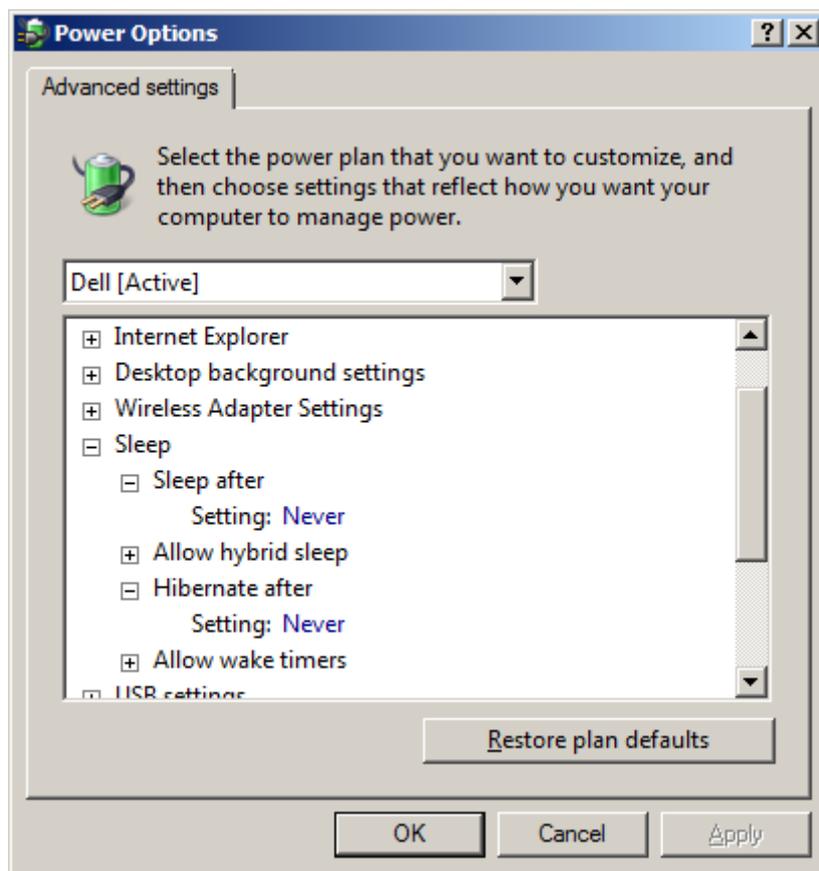
4. Place the cursor at the lowest level 'Never notify'.

1.2 Remove the stand-by modes

If the stand-by modes of your computer, of the USB ports or of the hard disk are active, there is a risk that your analysis will be stopped if the stand-by mode occurs during its cycle. To avoid that, settings have to be done.

1.2.1 Remove the stand-by mode on your computer

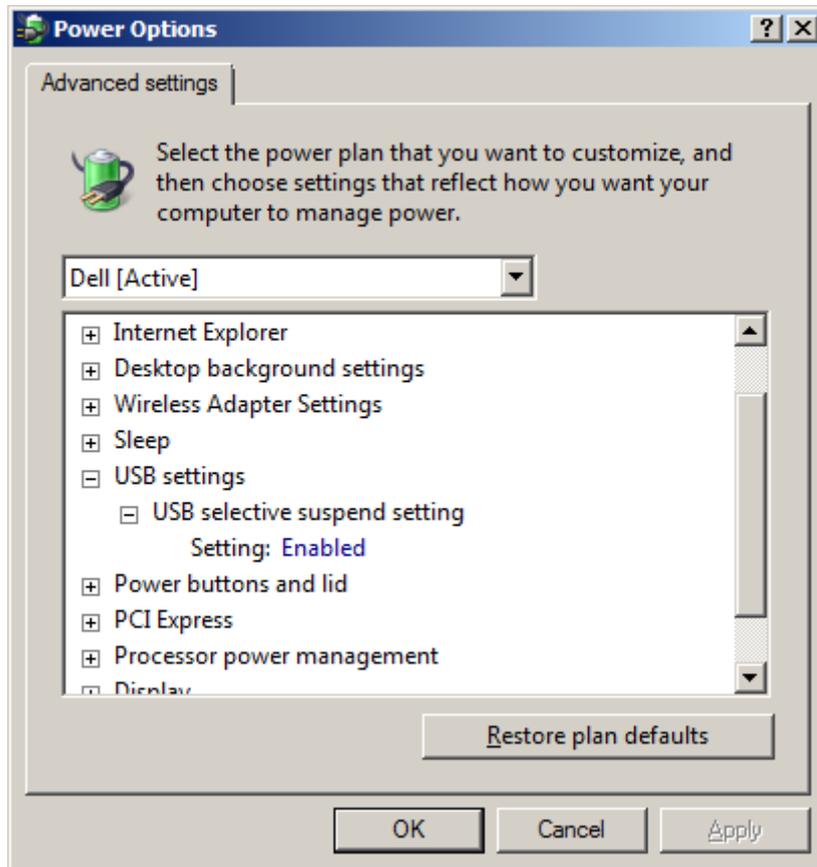
1. Simultaneously press the '**Windows flag**' key and the '**R**' key.
2. In the '**Run**' window that appears, type in the field Open the following line:
control powercfg.cpl @0,0 and validate.
3. A window called '**Power Options**' appears. It contains a tree structure allowing you to configure several elements of the computer.



4. Expand the **Sleep** tree.
Depending on whether you are using a laptop or a desktop computer, there are two possibilities:
 - Either you have two lines: '**On battery**' and '**Plugged in**'
 - Or, you have directly the line '**Setting**'If the value is not '**Never**', click on the displayed number and type in the value **0**.
! Do not confirm with the 'Enter' key otherwise the window will close but click on another parameter to view the change.
The value 0 is transformed into the value **Never**.
5. Always expand the **Sleep** tree to the **Hibernate** setting and make any necessary changes.

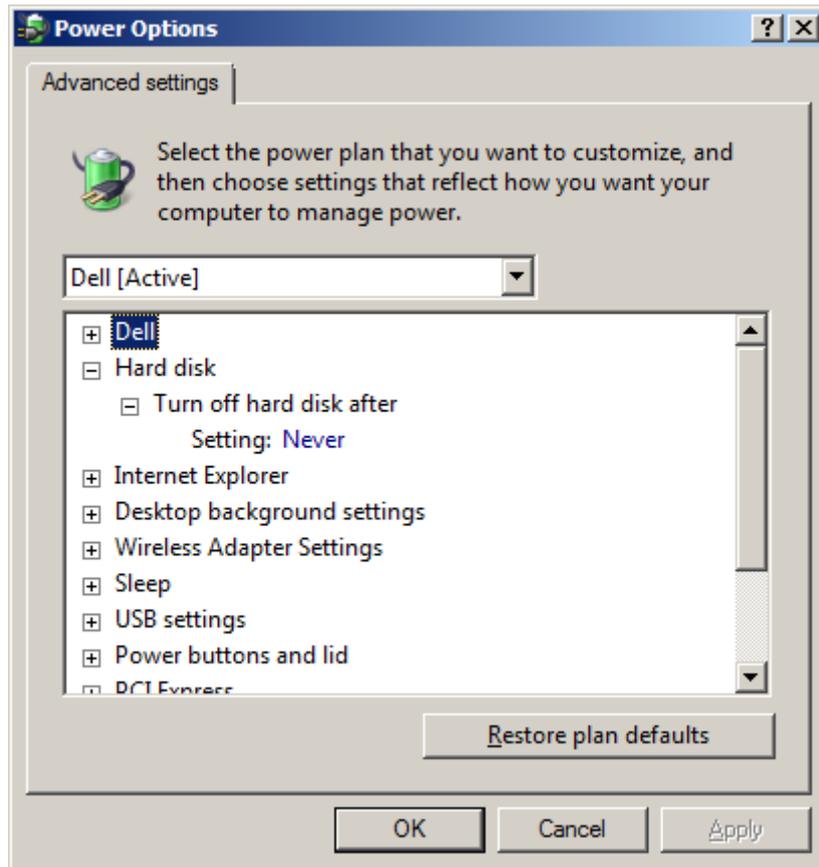
1.2.2 Remove the stand-by mode of the USB ports

Again from the Power Options window, expand the **USB Settings** tree. For the **USB selective suspend setting**, select the **Disabled** mode.



1.2.3 Remove the stand-by mode of the hard disk

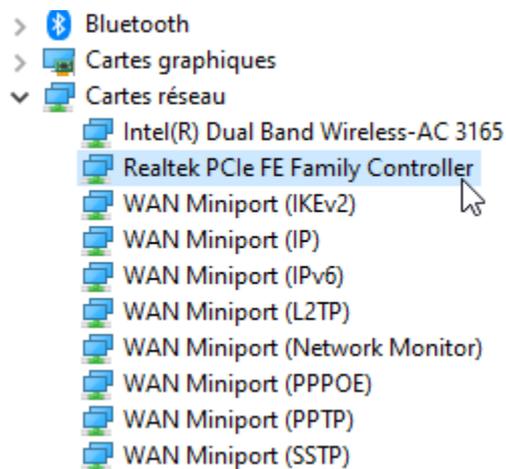
From the Power Options window, expand the **Hard Disk** Tree. Make the same changes as before for the **Turn off hard disk after** setting.



1.2.4 Disable power management for the network adapter

Some of your network adapters may not have the **Power Management** tab available. In this case, you can skip this part.

Use **Device Manager** to change the power management settings for a network adapter.



To disable all Power Management settings in Device Manager, expand **Network Adapters**, right-click the **adapter > Properties > Power Management**, and then clear the **Allow the computer to turn off this device to save power** check box.



2. Soprane installation

2.1 Software installation

First of all, make sure that the Soprane key is not connected to your computer.

For the installation:

1. Select the setup.exe file with Windows explorer in the device provided for Soprane installation, right click and select the sub-menu 'Run as administrator'.
2. Choose the language and click on Ok :



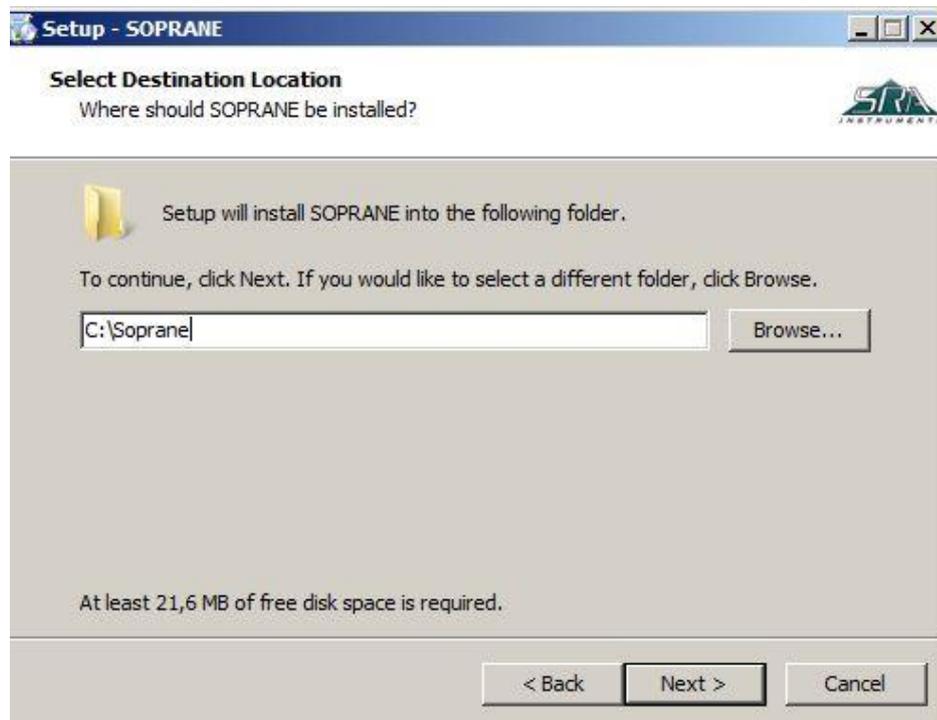
3. In the window displayed, click on Next :



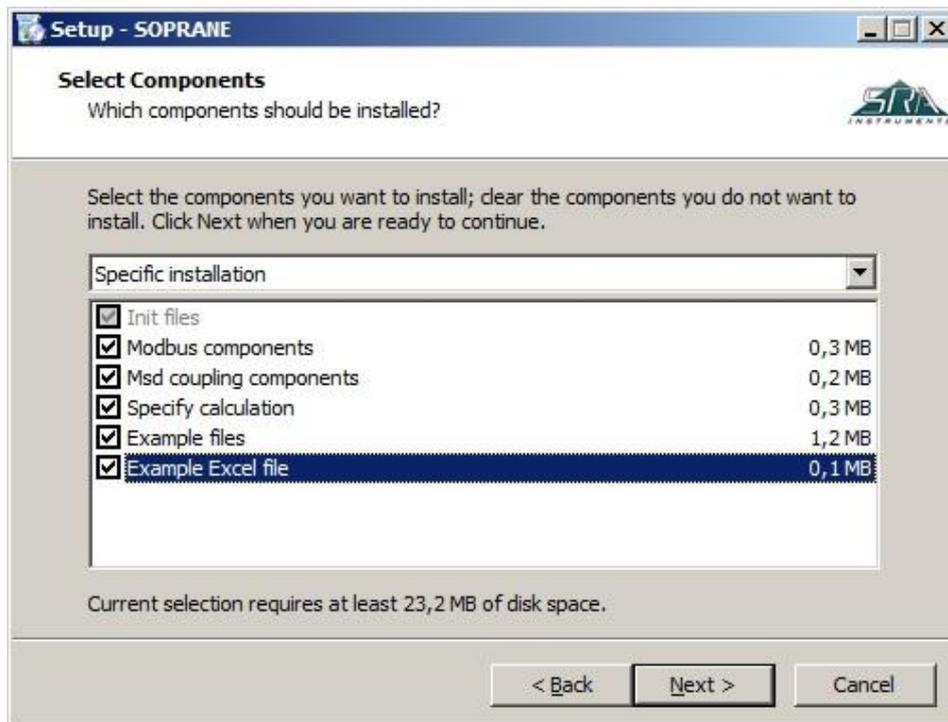
4. In the new window, select 'I accept the agreement' and click on Next :



- In the next window you will choose the folder where you want to save Soprane. It is recommended to keep the path C:\Soprane, but if you would like to place the software elsewhere, just click on 'Browse' and select the location. Then click on Next.



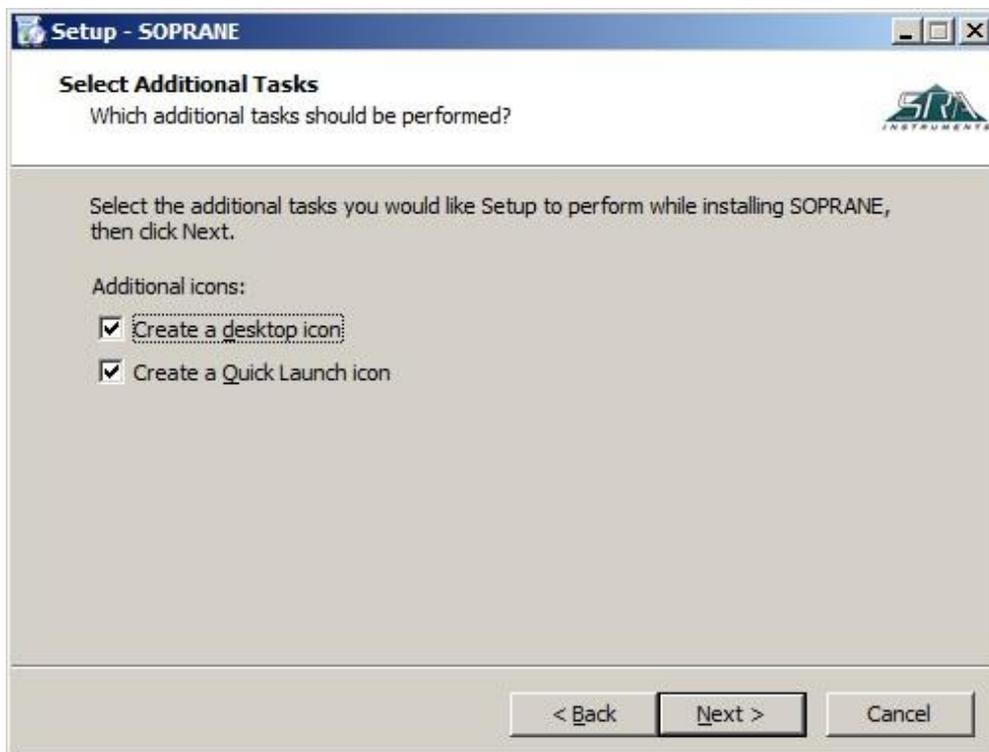
- Select the components to install and click on Next. If you don't know which to choose, select them all as shown below. (The Soprane key will unlock only the components required for the customer application).



7. Select the Start menu folder where the Soprane’s shortcuts will be installed and click on Next. (Usually SRA Instruments is chosen).



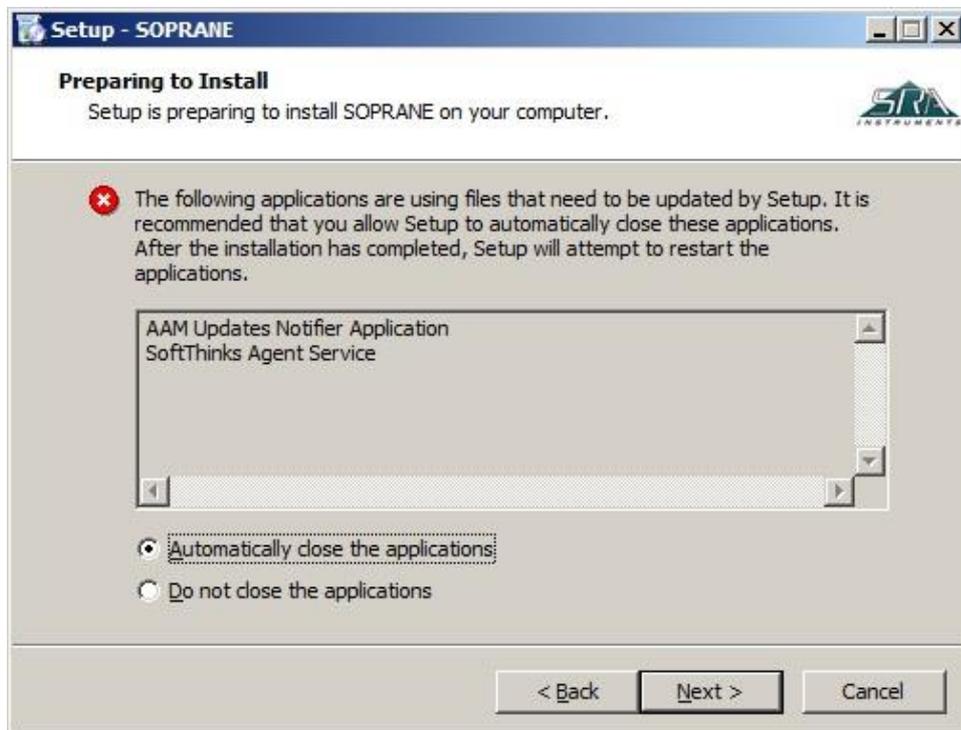
8. Choose if you want to create a shortcut on the desktop or in the quick launch bar and click on Next :



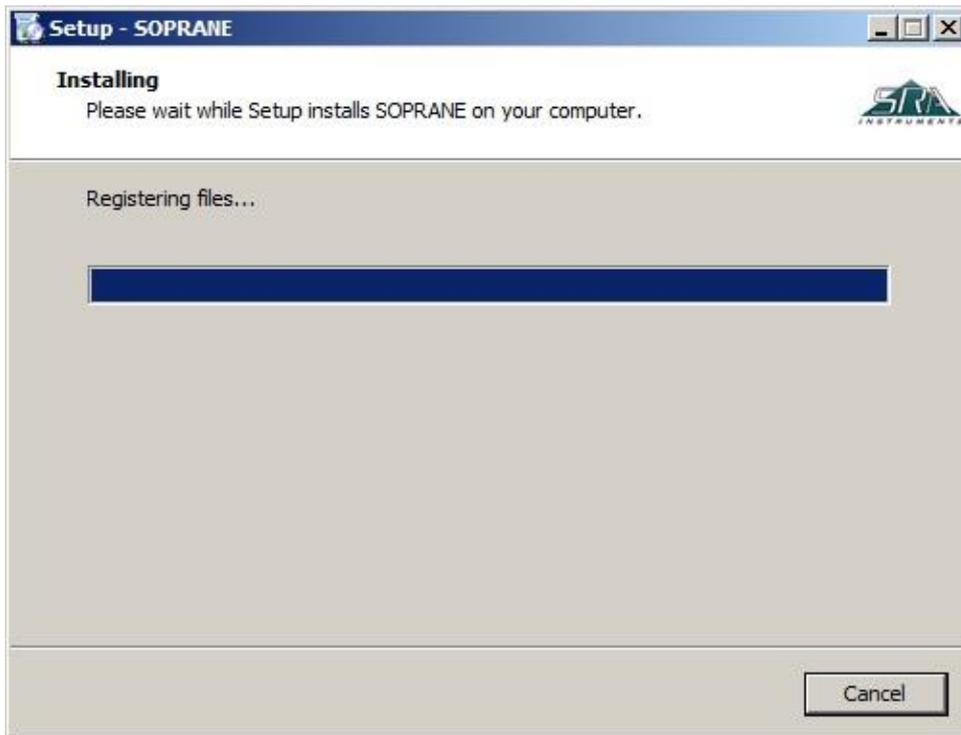
9. In the new window, click on Install :



10. Stop automatically the applications and click on Next (Note: this step is not systematic; it is only displayed if other applications are open on the PC):



11. Soprane installation is launched :



12. At the end of Soprane installation, select 'Installation of the protection key drivers' and click on Finish :



2.2 Drivers installation

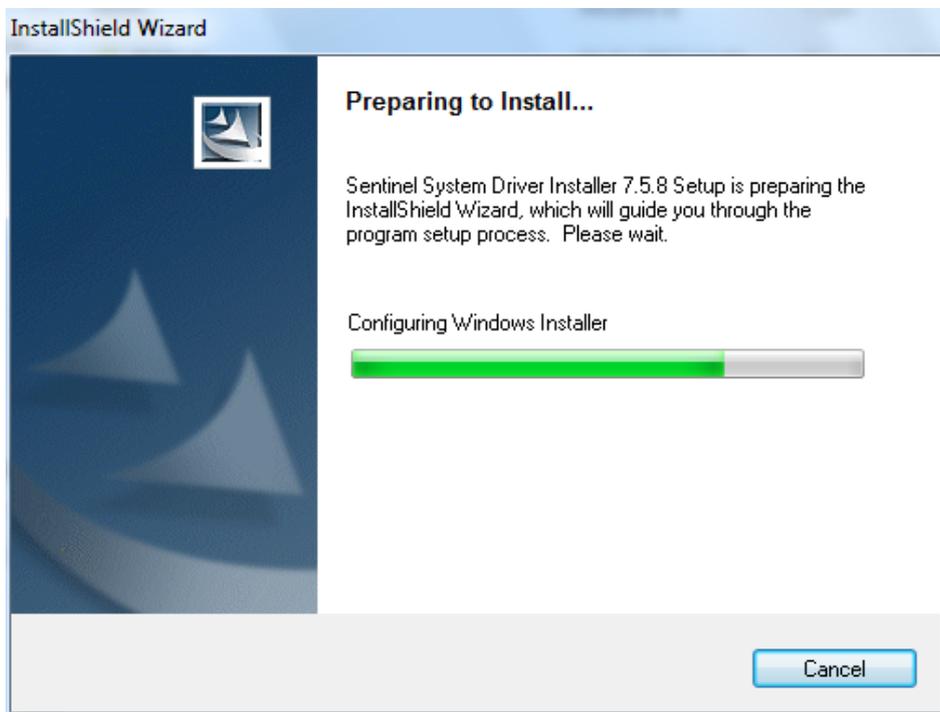
The drivers installation is automatically launched after the Soprane installation. However, it is possible that the launch will not be automatic **if**:

- the installer has not been started in administrator mode and an error message appears at the beginning of the installation of the key drivers (code 740)
- the automatic launch box is unchecked

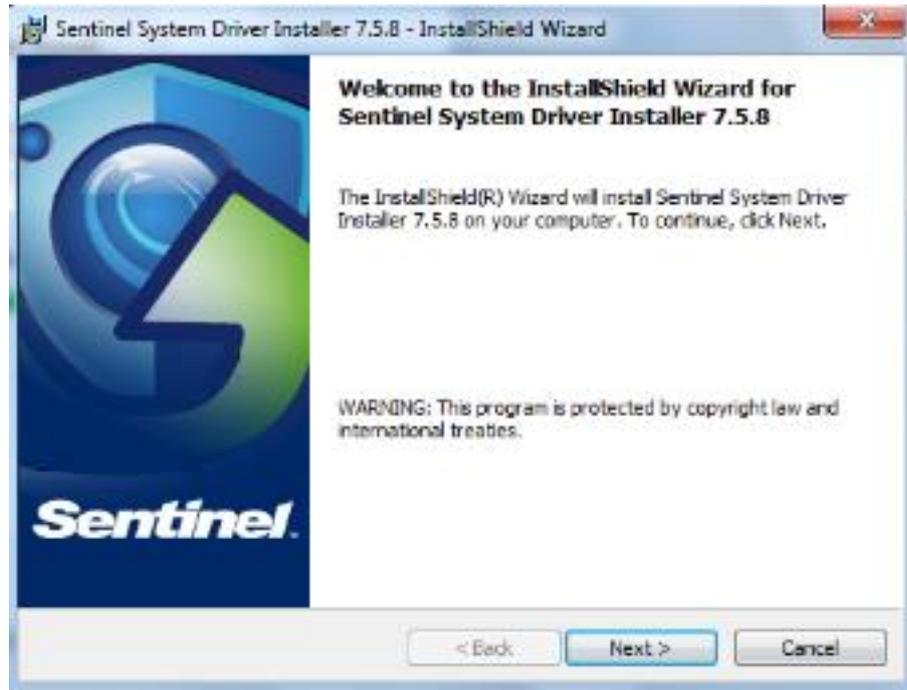
In this case:

1. On the key or the CD, look for the file : Soprane/Module/Sentinel System Driver Installer.exe
2. Right click to launch it in administrator mode

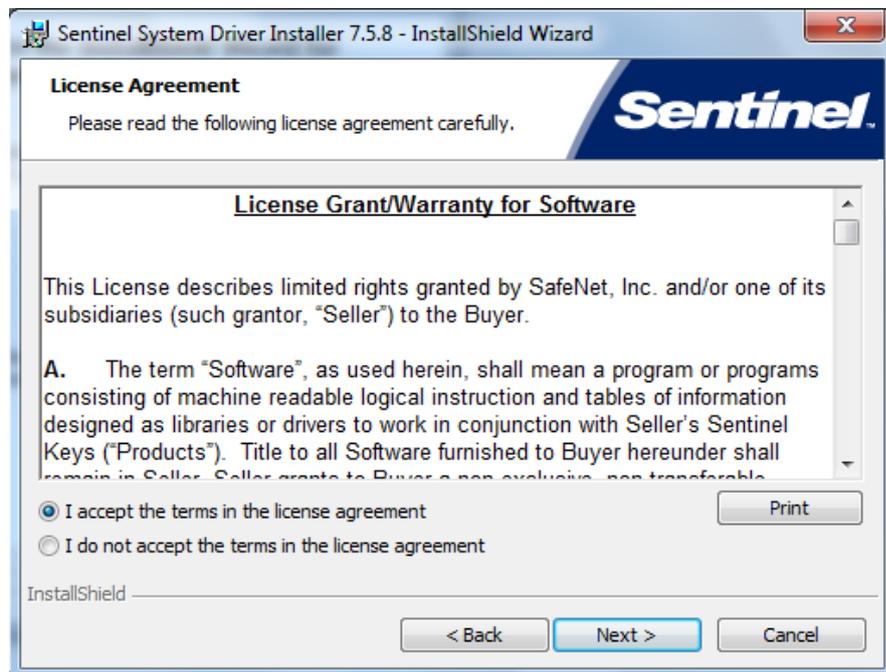
The drivers' installation is automatically launched:



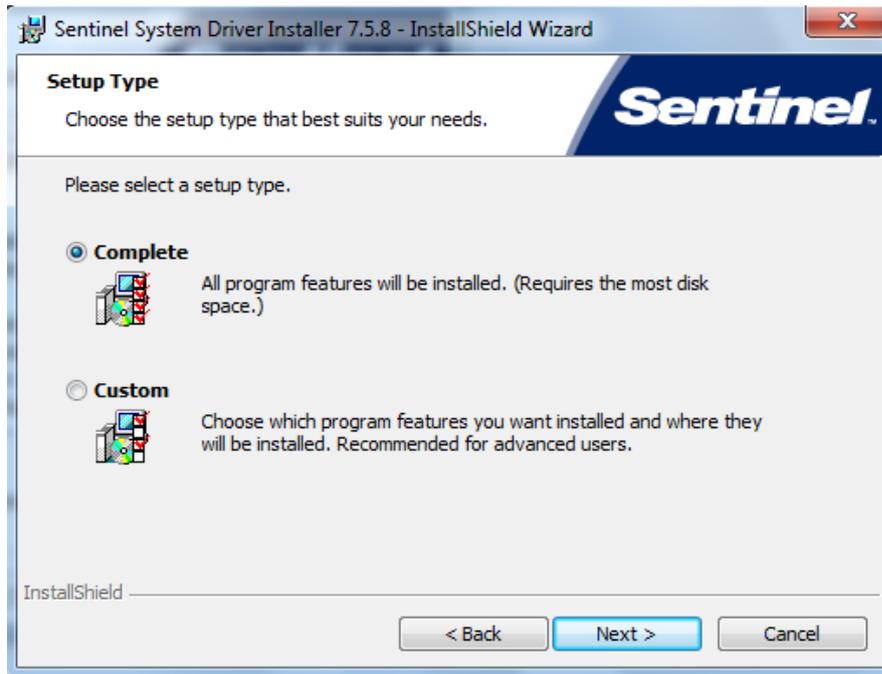
1. In the window displayed, click on Next :



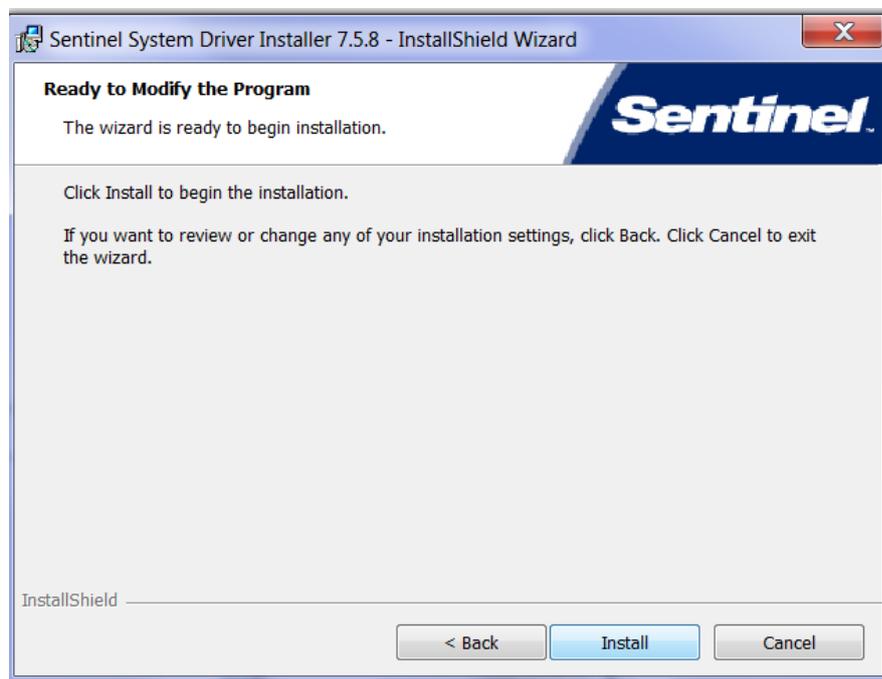
2. Then accept the terms in the license agreement and click on Next :



3. In the following window, select 'Complete' and click on Next :

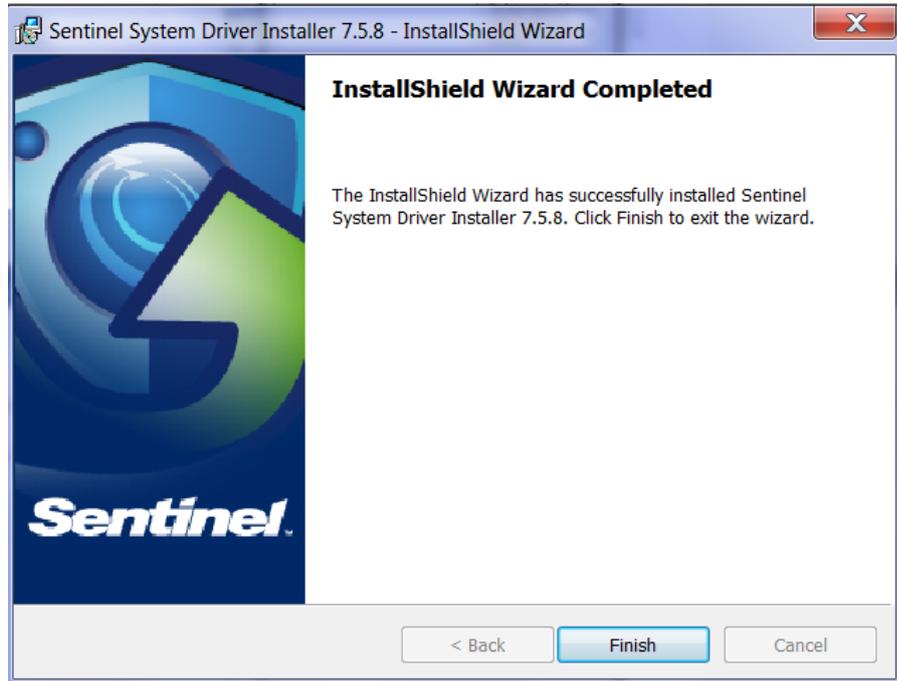


4. In the window displayed, click on Install :



The drivers' installation is launched.

5. To complete the installation, click on Finish :



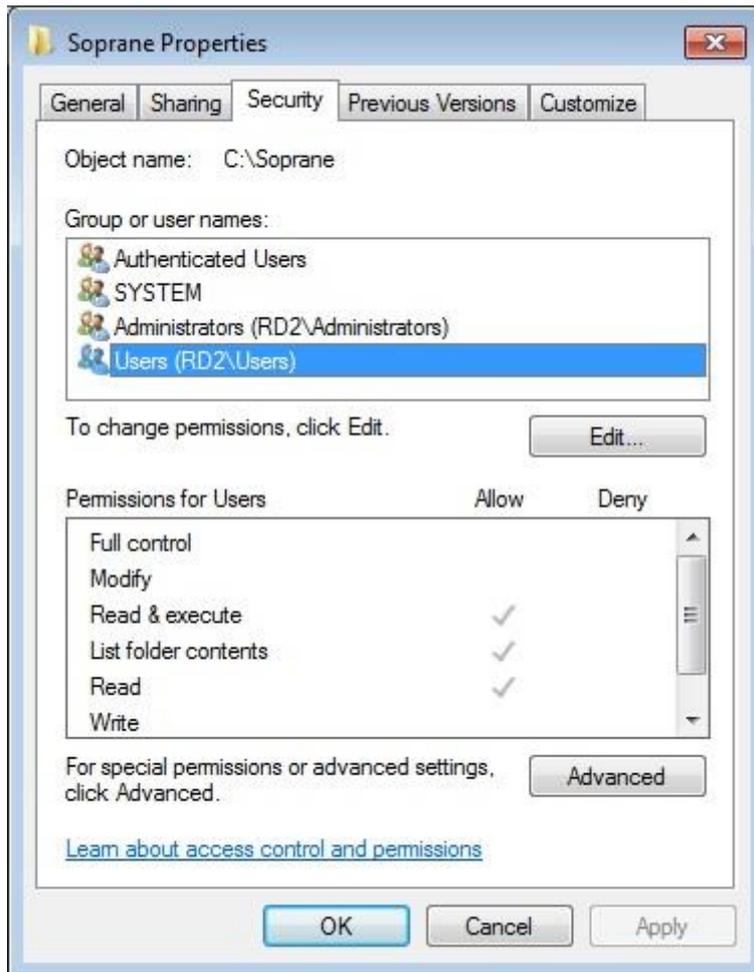
6. Connect the Soprane key and go to Soprane Set Up.

3. Computer configuration for networking

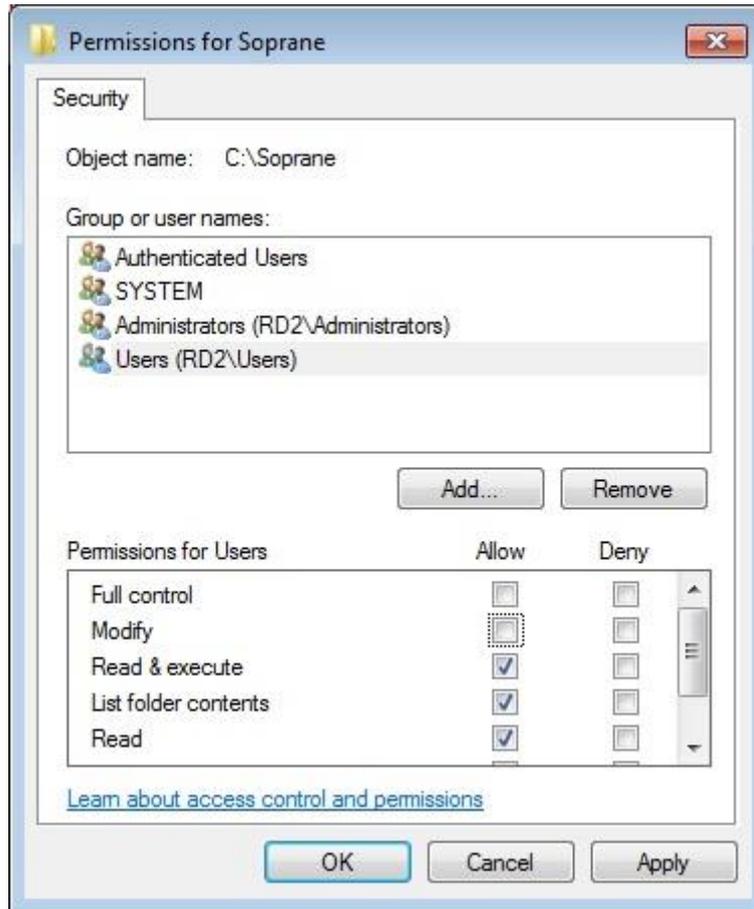
For some uses, it is necessary to modify the administrator rights of some directories and registry keys.

3.1 Administrator authorization on Soprane directory

1. Take administrator rights.
2. Right click on Soprane directory (by default: C:\Soprane) and click on the Properties menu.



3. In the Security tab, select the Users group and click on the Edit button.

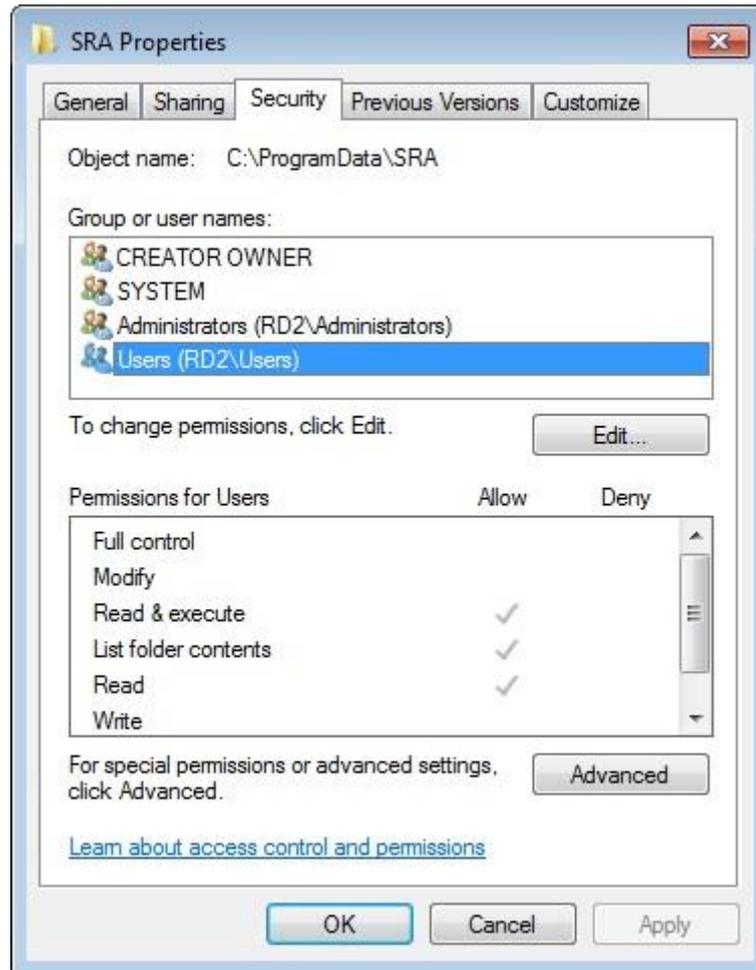


4. Select users.
5. Check the Full control box and validate by clicking on the Apply button.
6. Close the different windows with the Ok button.

3.2 Administrator authorization on the user ProgramData directory

The user 'ProgramData' directory is accessible by the following way:

1. Open the Windows Execute menu.
2. Enter the following data: **%programdata%** and validate by Enter.
3. A Windows Explorer window is opened directly on the right directory.
4. Select the SRA folder and make the same modifications on the Security tab as in the Soprane directory.

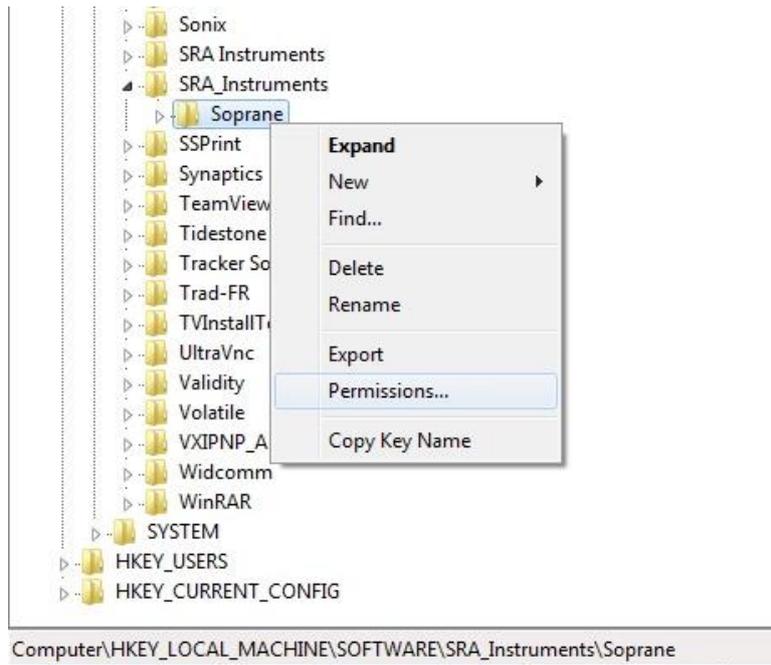


3.3 Administrator authorization on the Soprane registry key

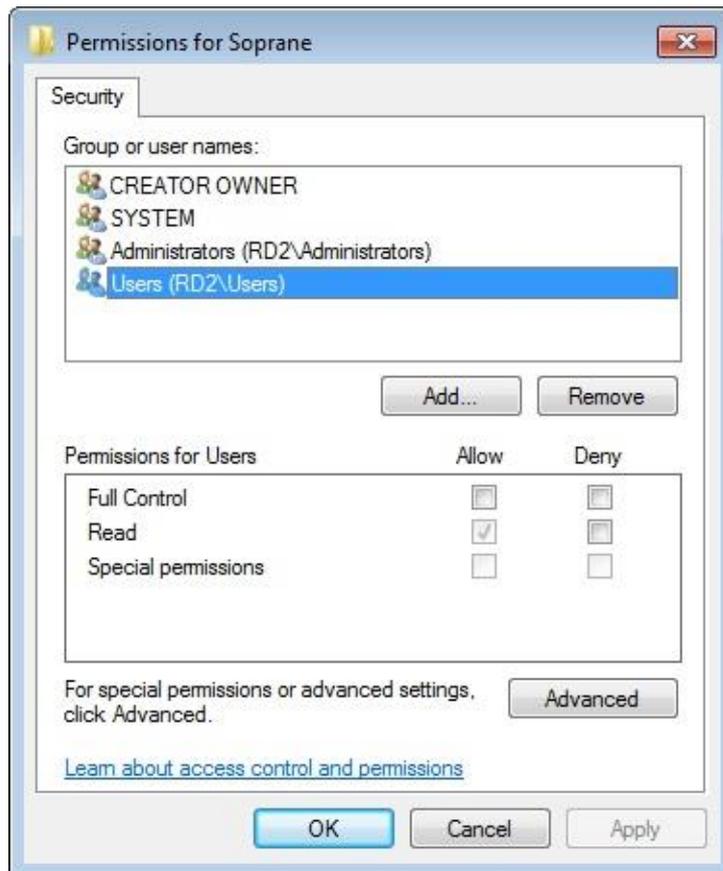
The registry is accessible via the Windows Execute menu. Enter the following information: **Regedit** and validate by Enter.

A window opens, displaying the different values of the registry.

1. Reach the folder : **HKEY_LOCAL_MACHINE\SOFTWARE\SRA_Instruments\SOPRANE**, **BE CAREFUL**, in the case of Windows 10 64 bits, it is necessary to select the folder **HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432Node\SRA_Instruments\SOPRANE**
2. Right click on SOPRANE key and select the Permissions sub-menu.



3. As previously, select the Users group.



- 4. Check the 'Full Control' box, click on the Apply button and validate by the Ok button.
- 5. Close the registry.