# **SOPRANE CDS**

# **Prerequisites and Installation guide**



Dear user,

Thank you for choosing this SRA Instruments product.

This manual contains all the necessary information for the correct use of your software. Should you need further information or if you encounter any problems, please contact our After Sales Service:

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# **1. Prerequisites**

### **1.1** Type of connection to the computer

Equipment	LAN	RS 232	RS 485	WIFI
MicroGC 990	1			
MicroGC 490	1			
MicroGC 3000 RS		1*	1*	
MicroGC 3000 Lan	1			
GC 7890 / GC 7820	1			
GC 8890 / GC 8860	1			

\* RS ports can be replaced by USB/RS converter(s)

### **1.2 Computer**

05	Processo	Memory		
03	Minimum	Recommended	Minimum	Recommended
Windows 7/8.1/10/11	2 GHz (Core i3)	3 GHz (Core i5)	4 GB	8 GB

- For Windows 7, SP1 version only
- For Windows 10, version 1903 and higher.

### **1.3 Electrical outlets**

Equipment	220 V	110 V
MicroGC 490	1	
MicroGC 490 WIFI option	1	
MicroGC 990	1	
GC 7890 / GC 7820	1	
GC 8890 / GC 8860	1	





## 2. Check your computer configuration

Soprane CDS can be installed on Windows Seven, 8.1, 10 and 11.

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.

### 2.1 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:

User Accou	unt Control he	eps prevent potentially harmful programs from making changes to your computer.	
j ei me mo	re about User	Account Control settings	
Alway	s notify		
-	- 1	Never notify me when:	
		<ul> <li>Programs try to install software or make changes to my computer</li> </ul>	
-	-	I make changes to Windows settings	
-	-		
-1		Not recommended. Choose this only if you need to use programs that are not certified for Windows 7 because they do not support User Account Control.	
Never	notify		
			-
		😽 OK Can	oel

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

### 2.2 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.





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### 2.2.1 Remove the stand-by mode of the USB ports

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

Power Options	×
Advanced settings	
Select the power plan that you want to customize, and then choose settings that reflect how you want your computer to manage power.	
Dell [Active]	
<ul> <li>Internet Explorer</li> <li>Desktop background settings</li> <li>Wireless Adapter Settings</li> <li>Sleep</li> <li>USB settings</li> <li>USB selective suspend setting Setting: Enabled</li> <li>Power buttons and lid</li> <li>PCI Express</li> <li>Processor power management</li> </ul>	
<u>R</u> estore plan defaults	
OK Cancel Apply	

### 2.2.2 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.







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#### 2.2.3 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.

General Advanced Driver Details Power Management	Ethernet Adapter Properti	es
Allow the computer to turn of this device to save power	General Advanced Driver Details	Power Management
Allow the computer to turn of this device to save power	<b>A</b> .	
Allow the computer to turn of this device to save power		
C Allow this device to use the consulter		
Only allow a magic packet to wake the computer	Allow the computer to turn of this of Allow this device to use the com-	device to save power
	v the computer to turn off this of v this device to use the com- vly allow a magic packet to we	device to save power puter ske the computer





# 3. Installation of Soprane CDS software

For the installation:

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

Langue	de l'assistant	d'installation	×
0	Veuillez sélect par l'assistant	tionner la langue q d'installation :	ui sera utilisée
	English		$\sim$
		ОК	Annuler

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

💿 Setup - Soprane II —		×
License Agreement Please read the following important information before continuing.		M
Please read the following License Agreement. You must accept the terms agreement before continuing with the installation.	of this	
Warning Minimale Configuration required : Microsoft Windows Vista The Soprane software is the property company SRA Instruments. Any reproduction even partial of this ^product without the agreement of the editor is liable to continuation legal. It is recommended to have administrator rights to install this software, contact your network administrator.		^
<ul> <li>I accept the agreement</li> <li>I do not accept the agreement</li> </ul>		*
<u>N</u> ext >	(	Cancel





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

🔯 Setup - Soprane II	_		Х
Select Destination Location Where should Soprane II be installed?		•	Au
Setup will install Soprane II into the following folder.			
To continue, click Next. If you would like to select a different folder,	click Bi	rowse.	
C:\Soprane II	E	Browse	
At least 233,9 MB of free disk space is required.			
< <u>B</u> ack <u>N</u> ext	t >	Ca	ancel

5. Choose if you want to create a shortcut on the desktop and click on Next:

Setup - Soprane II	_		×
Select Additional Tasks Which additional tasks should be performed?			M
Select the additional tasks you would like Setup to perform while in then click Next.	stalling So	prane II,	
Additional shortcuts:			
Create a desktop shortcut			
Back	ext	Car	ncel





6. In the new window, click on Install:

🧕 Setup - Soprane II		—		×
Ready to Install Setup is now ready to begin installing Soprar	ne II on your computer.			M
Click Install to continue with the installation, change any settings.	or click Back if you wan	t to review	v or	
Destination location: C:\Soprane II				
Setup type: Full installation				
Selected components: Online Help				
Additional tasks: Additional shortcuts: Create a desktop shortcut				
4			•	
	Back In:	stall	Can	cel

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

Prepa Se	<b>uring to Install</b> up is preparing to install Soprane II	on your computer.			M
8	The following applications are usin recommended that you allow Setu After the installation has complete applications.	ng files that need to be up to automatically close ed, Setup will attempt to	updated by Se these applica prestart the	tup. It is tions.	
	Soprane.exe			^	
	<			>	
	Automatically close the applications	ations			
		< <u>B</u> ack	<u>N</u> ext >	Cance	el





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8. Soprane CDS installation is launched:

💿 Installation - Soprane II	—		×
Installation en cours Veuillez patienter pendant que l'assistant installe Soprane II sur ordinateur.	votre	<	M
Extraction des fichiers C:\Soprane II\Package\Sentinel System Driver Installer 7.5.8.ex	2		
		Ann	uler

## 4. Firewall settings

Following is a list of ports used by Soprane. These ports are required to be opened in order for the Soprane software applications to communicate.

The ports are programmed into the Windows Advanced Firewall for the active profile during installation.

Name	Port	Protocol
GC 78x0 & 88x0 instrument communication	16001 to 16004	ТСР
GC 78x0 & 88x0 instrument monitoring	11001 to 11004	ТСР
MicroGC 3000 Lan communication	9200, 9203, 9204, 9205, 9206, 9207, 9211	ТСР
MicroGC 3000 Lan Telnet	23	ТСР





## **5. Administrator authorization on Soprane CDS directory**

For some uses, it is necessary to modify the administrator rights of certain directories.

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

Authenticated Users SYSTEM		
Administrators ( Users (\Users)	Administrators)	
To change permissions, click Edit		Edit
<sup>9</sup> ermissions for Authenticated Jsers	Allow	Deny
Full control		×
Modify	~	
Read & execute	1	
List folder contents	1	
Read	~	
Write	~	

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





ecurity			
Object name: C:\Sopr	ane II		
Group or user names:			
Authenticated Users	5		
SYSTEM			
🎎 Administrators (	1	Administrators)	
🔏 Users (	(Users)		
		Add	Remove
Permissions for Users		Add Allow	Remove Deny
Permissions for Users Full control		Add Allow	Remove Deny
Permissions for Users Full control Modify		Add Allow	Remove Deny
Permissions for Users Full control Modify Read & execute		Add Allow V	Remove Deny
Permissions for Users Full control Modify Read & execute List folder contents		Add Allow V V V	Remove Deny
Permissions for Users Full control Modify Read & execute List folder contents Read		Add Allow V V W	Remove Deny
Permissions for Users Full control Modify Read & execute List folder contents Read		Add Allow V V W	Remove

- 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.



