



# School of Gauges

Spy Pro ESP Monitoring  
Software

AUG 9<sup>th</sup> , 2022



# DataWorks

- › DataWorks by Sercel-GRC is a PC software package for configuration, monitoring, and troubleshooting the SPS-1500/SPS-1501 and FIC-1500 readout series.
  - Allow know the downhole tool installed
  - Allow dual communication downhole-surface
  - Allow set-up and configure downhole sensor (parameters, rate time, units)
  - Monitoring during run-in-hole
  - Plot in real time
  - Modbus map configuration
  - SPS amp setting
  - SPS volt setting
  - Adjust LCD information and backlight

# DataWorks

- Go to [www.sercel-grc.com](https://www.sercel-grc.com)

The screenshot shows a web browser at the URL <https://www.sercel-grc.com>. The website header features the GRC logo (A SERCEL BRAND) and navigation links: SOLUTIONS, APPLICATIONS, RESOURCES, LOCATIONS, ABOUT GRC, and CONTACT US. The main content area displays the text "LEASE PROOF DESIGN; FIT FOR PURPOSE RESERVOIR & PRODUCTION DATA" above an image of an electro-submersible pump. A "LEARN MORE" button is positioned to the right of the pump image. Below the image, the text "ELECTRO-SUBMERSIBLE PUMP" is prominently displayed. A "Privacy Policy" link is visible in the bottom left corner of the page.

# DataWorks

- CONTACT US – Support Center

The screenshot shows a web browser window with the URL <https://www.sercel-grc.com>. The website header features the GRC logo (A SERCEL BRAND) and the text 'DATA ACQUISITION INSTRUMENTS'. A navigation bar contains links for SOLUTIONS, APPLICATIONS, RESOURCES, LOCATIONS, ABOUT GRC, and CONTACT US. The 'CONTACT US' dropdown menu is open, highlighting 'Support Center' and 'Careers'. A blue hand cursor icon is positioned over the 'Support Center' link. Below the navigation, a banner features the text 'LEASE PROOF DESIGN; FIT FOR PURPOSE PRODUCTION DATA' and a 'LEARN MORE' button. The banner also displays images of industrial equipment, including an open control box and a submersible pump. At the bottom of the banner, the text 'ELECTRO-SUBMERSIBLE PUMP' is displayed in large blue letters. A URL bar at the bottom left of the banner shows <https://www.sercel-grc.com/contact-us/visit-support-center/>.

# DataWorks

- Write your e-mail - **SEND**

The screenshot shows a web browser at the URL <https://www.sercel-grc.com/contact-us/visit-support-center/>. The page header includes the GRC logo (A SERCEL BRAND) and navigation links for SOLUTIONS, APPLICATIONS, RESOURCES, LOCATIONS, ABOUT GRC, and CONTACT US. The main content area is titled "SUPPORT CENTER" and features a green highlighted box with the text "I give GRC permission to process my data and contact me." and a checked checkbox. Below this, a blue "SEND" button is visible, with a blue hand cursor pointing to it. The footer contains sections for "FIND IT HERE" (with links to Solutions, Applications, and Locations), "CONTACT US" (with address and phone number), "CONNECT WITH US" (with social media icons), and "A SERCEL BRAND" (with a search bar).

# DataWorks

- Choose “Software”

← → ↻ 🏠 🔒 https://www.sercel-grc.com/contact-us/support-center/?your-email=villano26@gmail.com&acceptance-655=1&UQMhfkvBP=oRla6\*Qz8hpk[DEx&QWpvlzLjsZA... 🔍 ☆ ⚙️ 🌐

**GRC**  
A SERCEL BRAND

DATA ACQUISITION INSTRUMENTS

SOLUTIONS ▾ APPLICATIONS ▾ RESOURCES ▾ LOCATIONS ABOUT GRC ▾ CONTACT US ▾

Home > Contact Us > Support Center

## SUPPORT CENTER

Please choose from the menu items above.

If you are unable to find the document or software you are looking for, please [contact us](#).

DATA ACQUISITION INSTRUMENTS  
FOR EVERY WELL APPLICATION

SALES LITERATURE

SOFTWARE

ESP MANUALS

TEC GAUGE MANUALS

MEMORY GAUGE MANUALS

Privacy Policy

Privacy Terms

# DataWorks

- Choose “DATAWORKS”

https://www.sercel-grc.com/contact-us/support-center/software/

**GRC**  
A SERCEL BRAND

DATA ACQUISITION INSTRUMENTS

SOLUTIONS ▾ APPLICATIONS ▾ RESOURCES ▾ LOCATIONS ABOUT GRC ▾ CONTACT US ▾

Home » Contact Us » Support Center » Software

## SOFTWARE

Click on the file name below to download the most current copy of software. If you don't see the software you require, please contact us at [support@sercel-grc.com](mailto:support@sercel-grc.com).

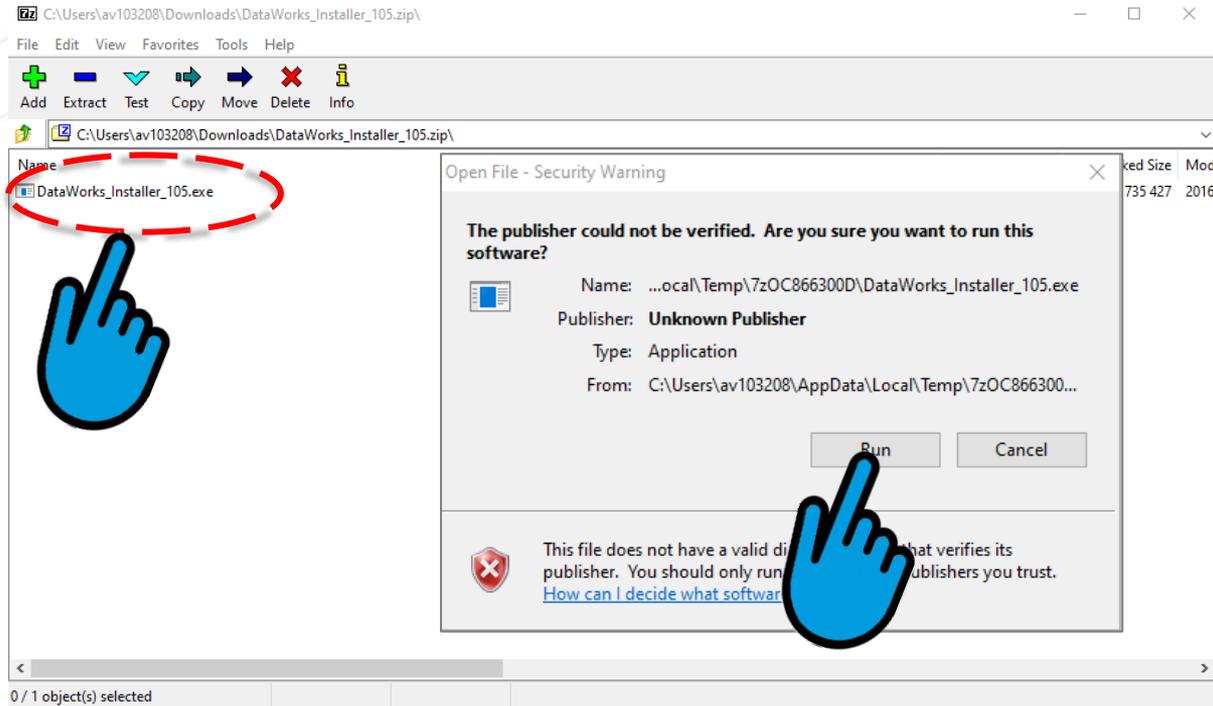
- DATA PRO** FOR THE LIFE OF THE WELL
- SPS-1500**
- FIC-1500**
- MEMORY TOOLS**
- GRCWIN**
- DATAWORKS**

DataWorks\_Installe....zip  
53.8/68.4 MB, 1 sec left

Privacy Policy

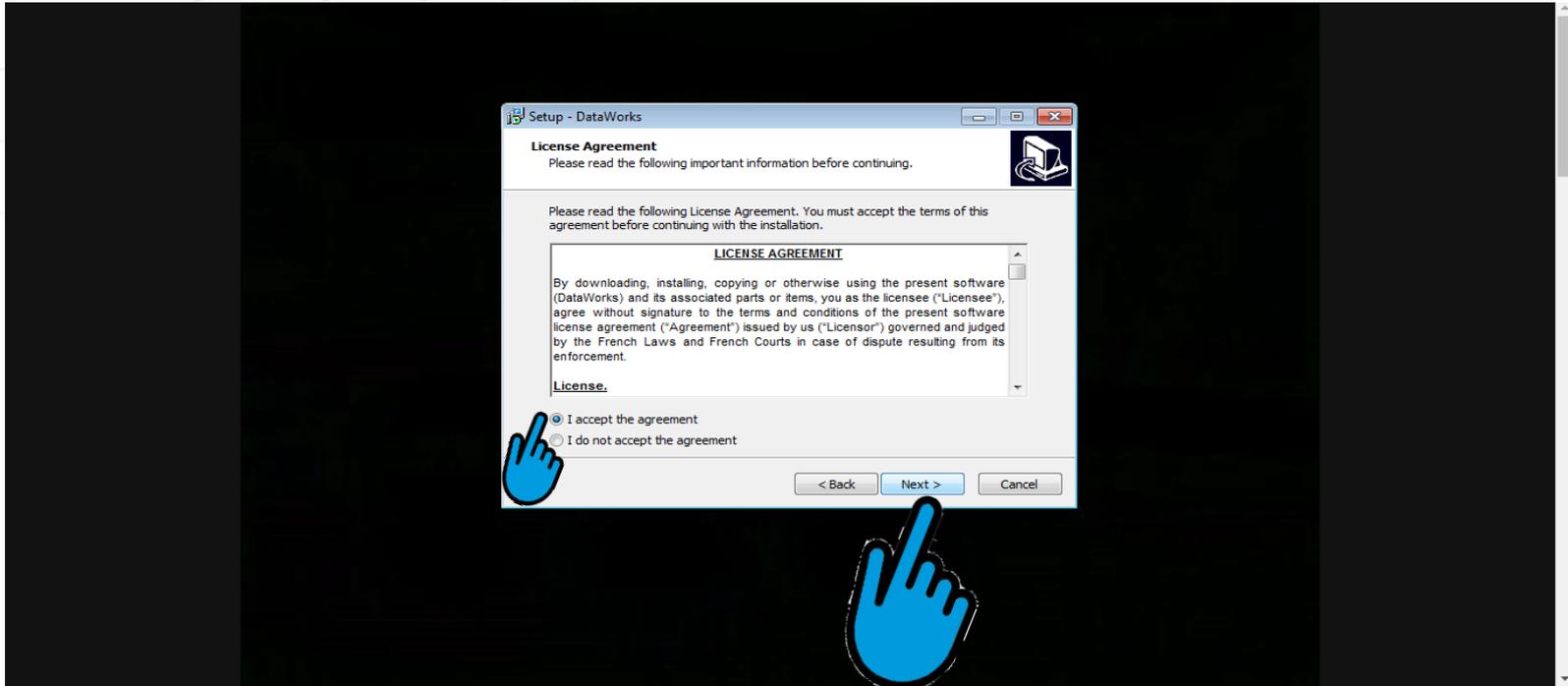
# DataWorks

- Install the file stored in the specified location



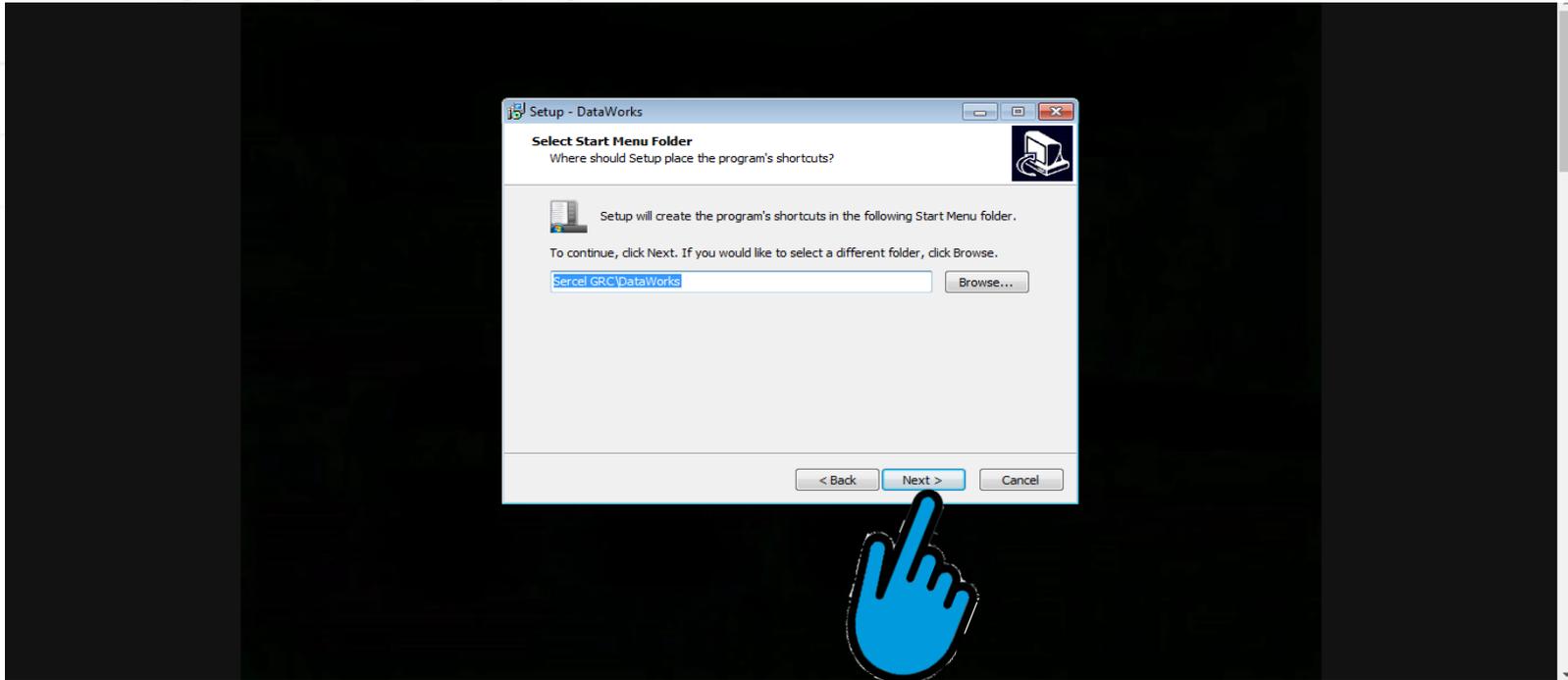
# DataWorks

- Accept the agreement “Agreement” - press **Next**



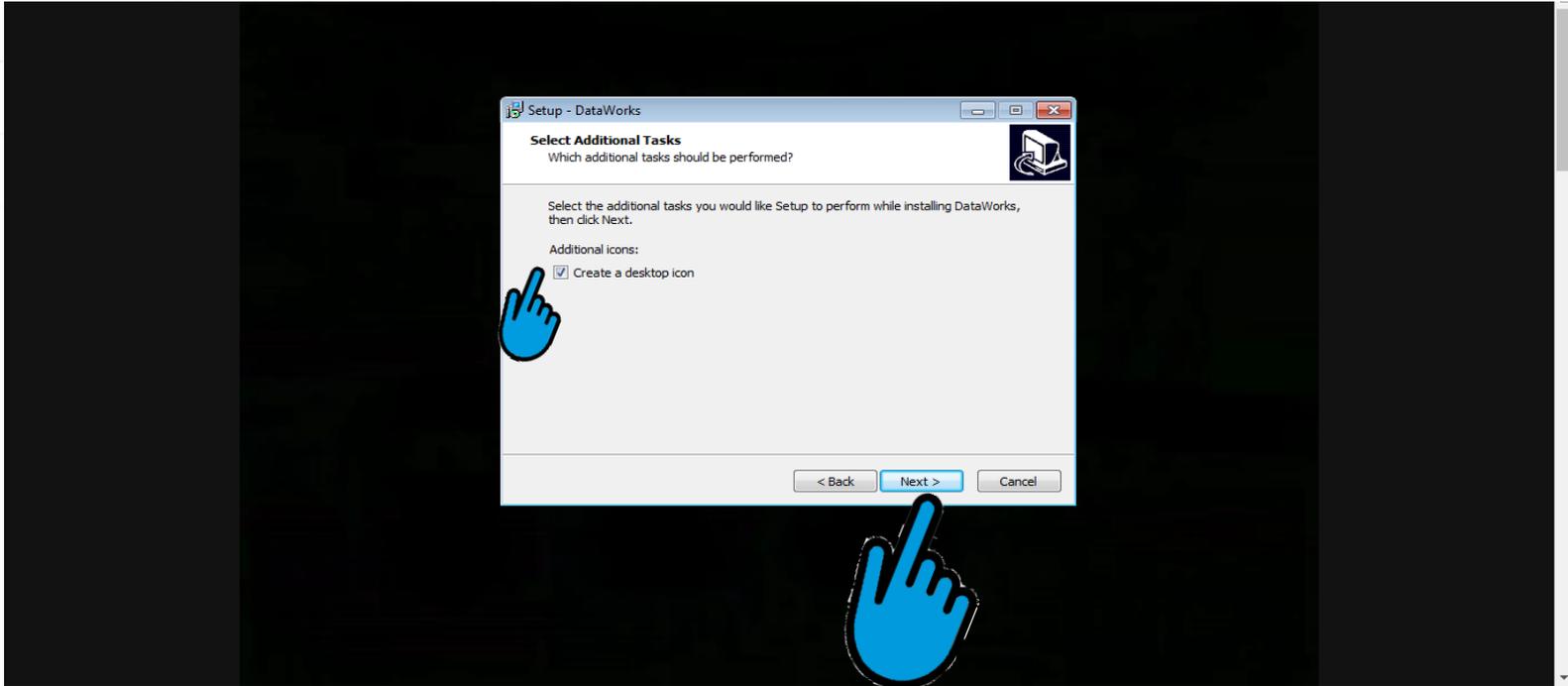
# DataWorks

- Select where you want to place the "shortcut"



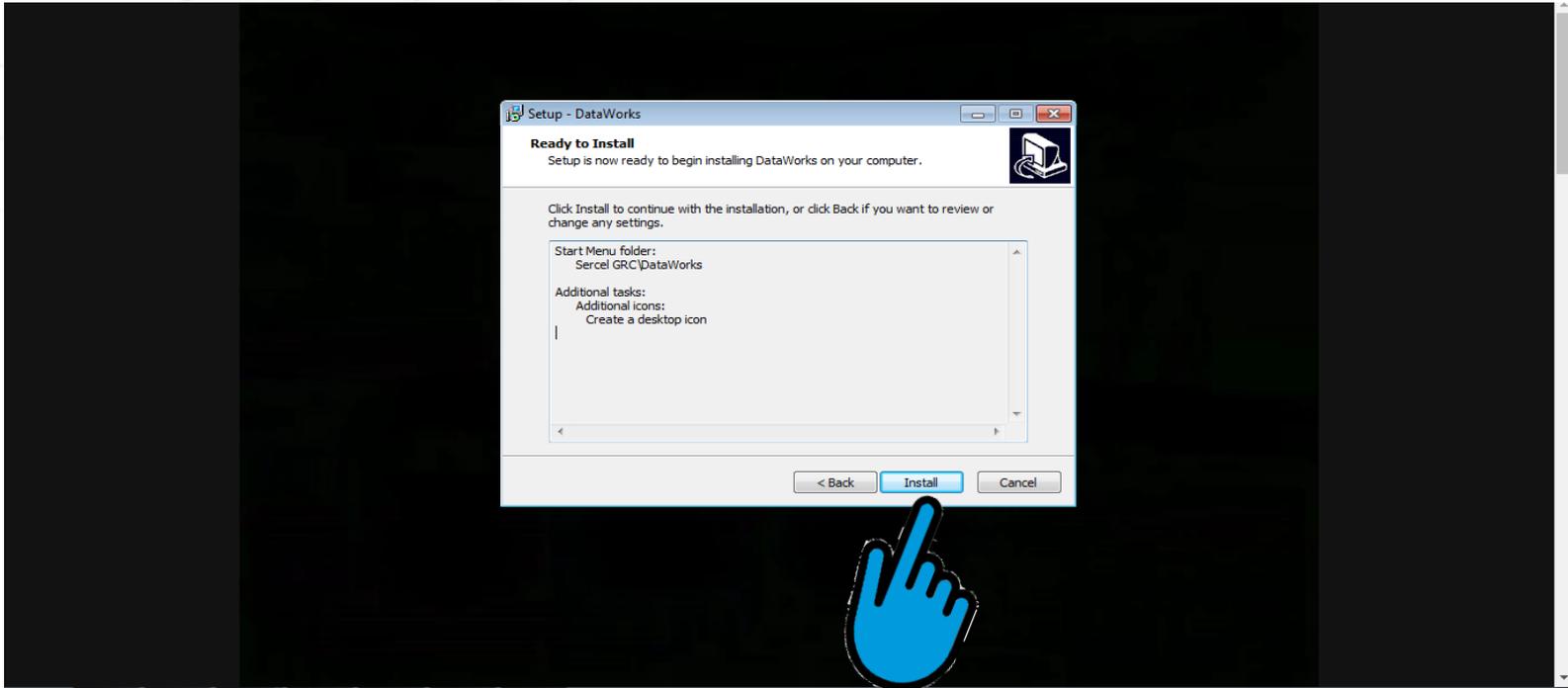
# DataWorks

- Create an icon on the desktop



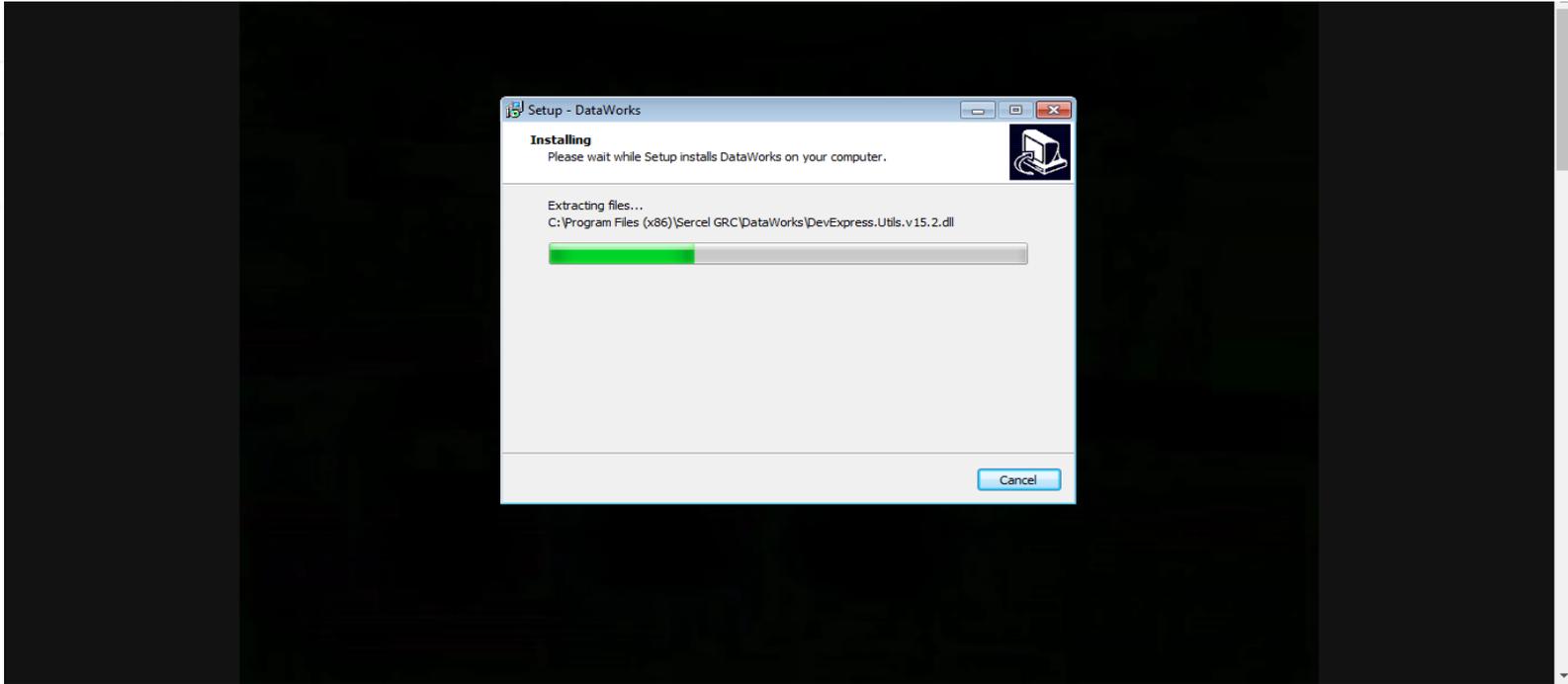
# DataWorks

- Select “Install”



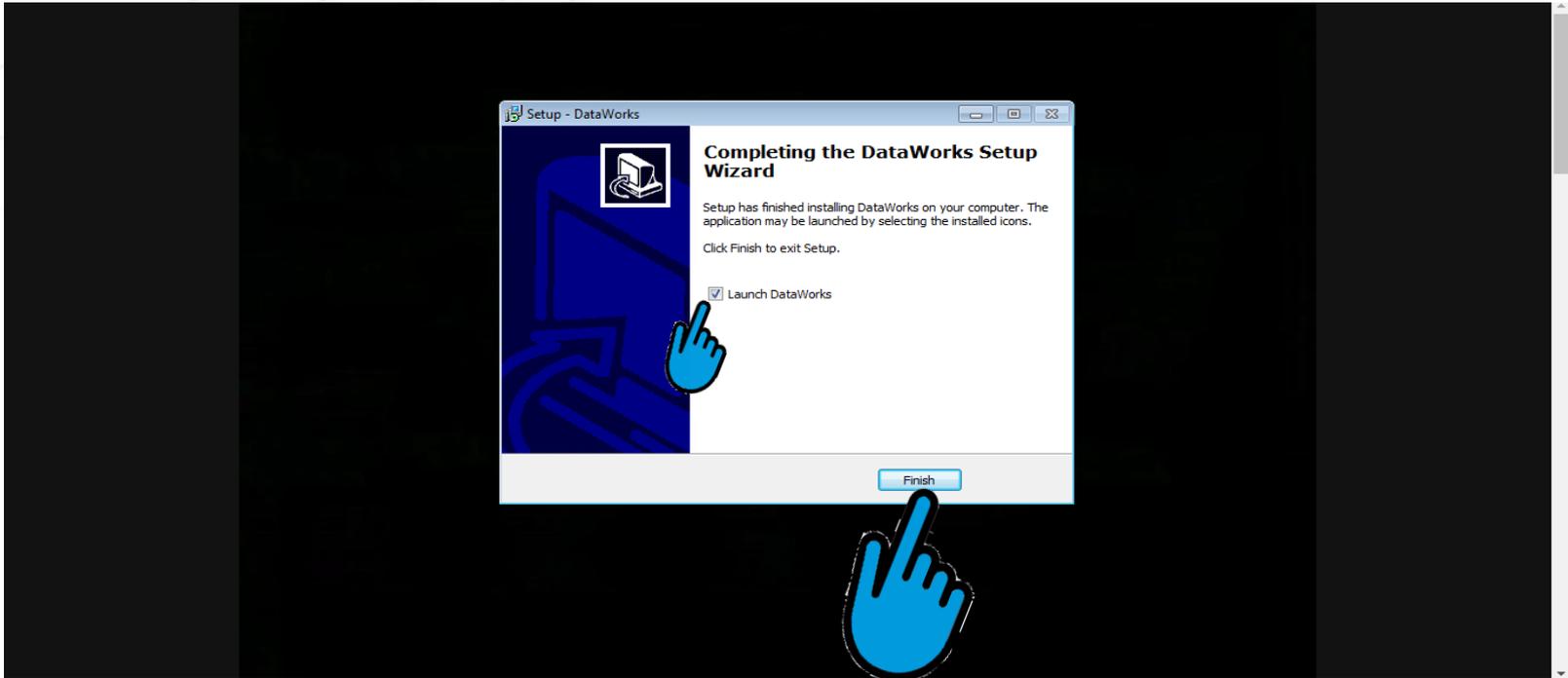
# DataWorks

- It will take less than 5 minutes to install

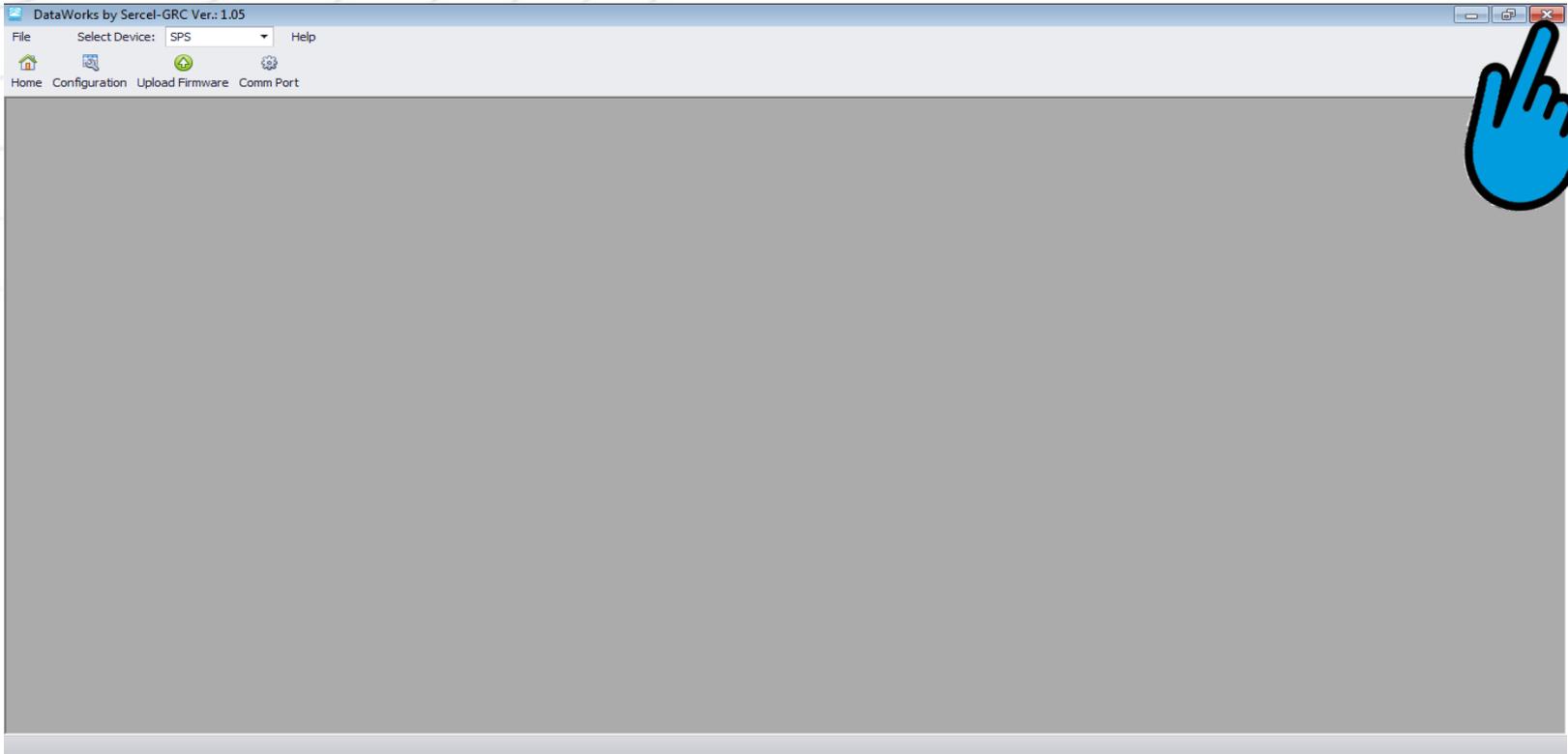


# DataWorks

- Select **“Finish”** and open DataWorks software



# DataWorks



# DataWorks

## Setting driver for USB cable A-B

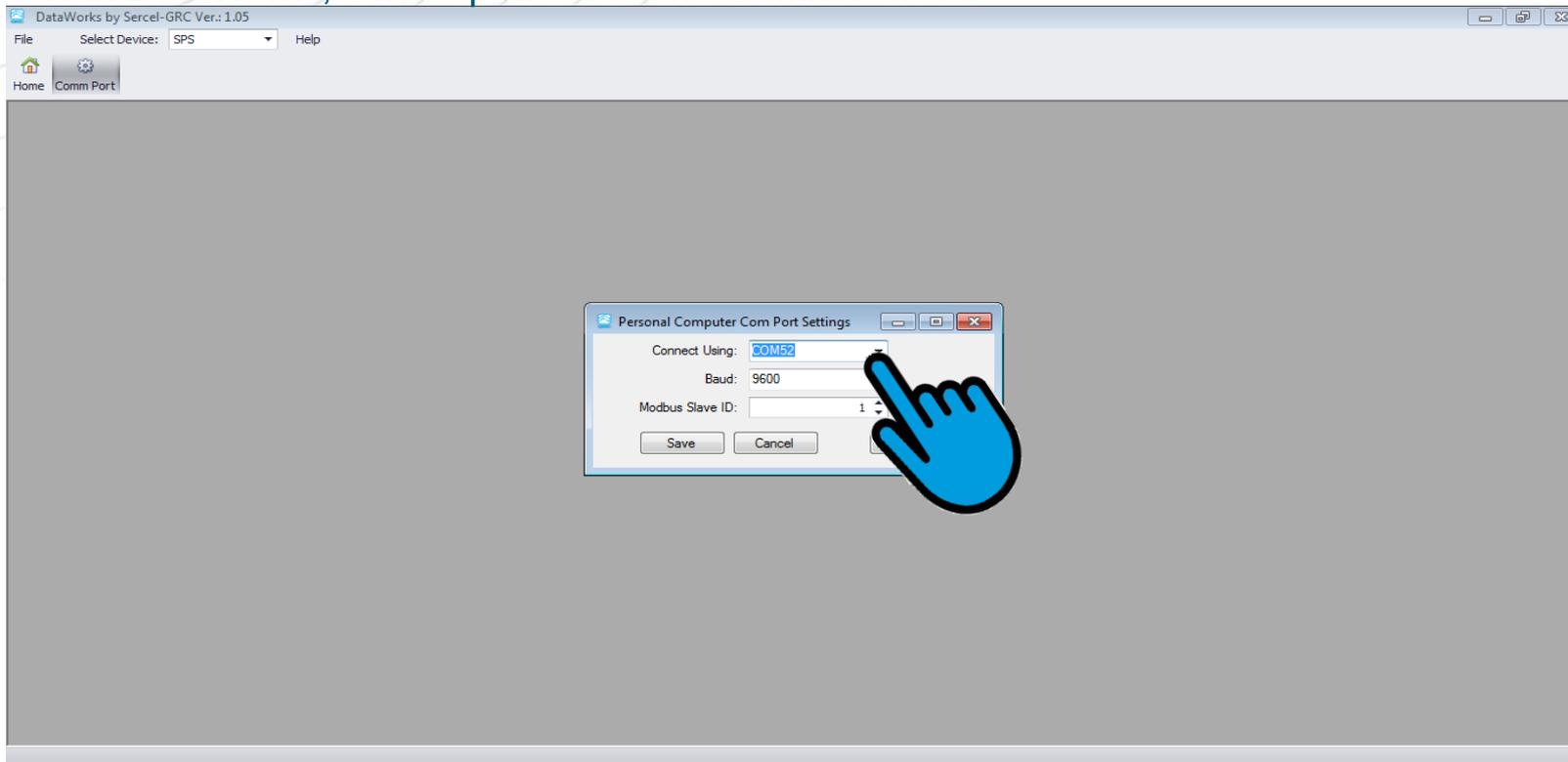
- // Now lets connect your USB A to B cable and download the drivers
- // Plug in your USB A to B cable



- // When you first plug in your USB A to B cable it will search the internet for the correct drivers. Once the drivers are acquired and installed you will be ready to go.
- // This can take up to 5 minutes.
- // With your USB A to B installed lets plug in your SPS and open DataWorks

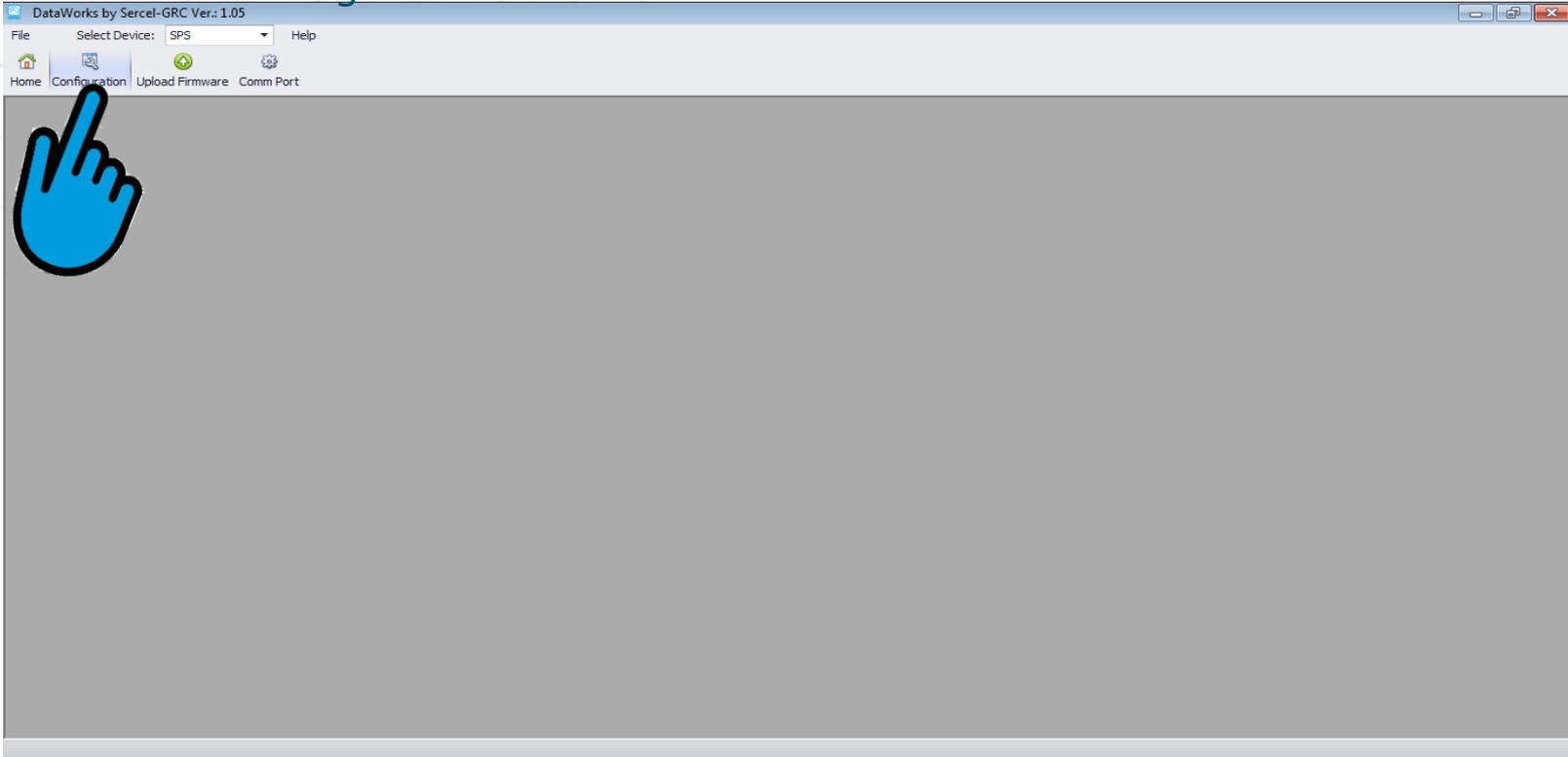
# DataWorks

- Run DataWorks, Once open select the Comm Port tab



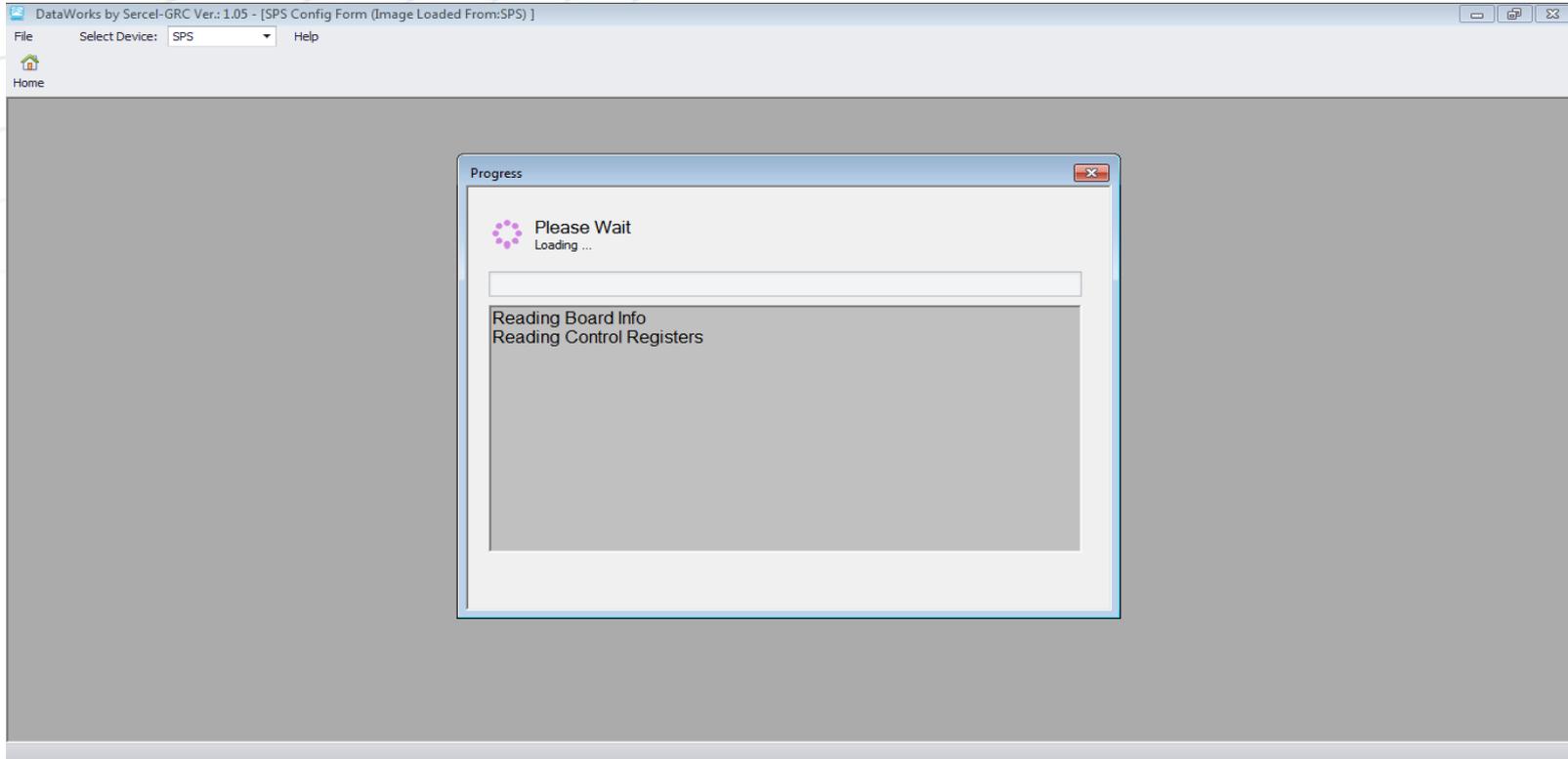
# DataWorks

- Click the “Configuration” tab



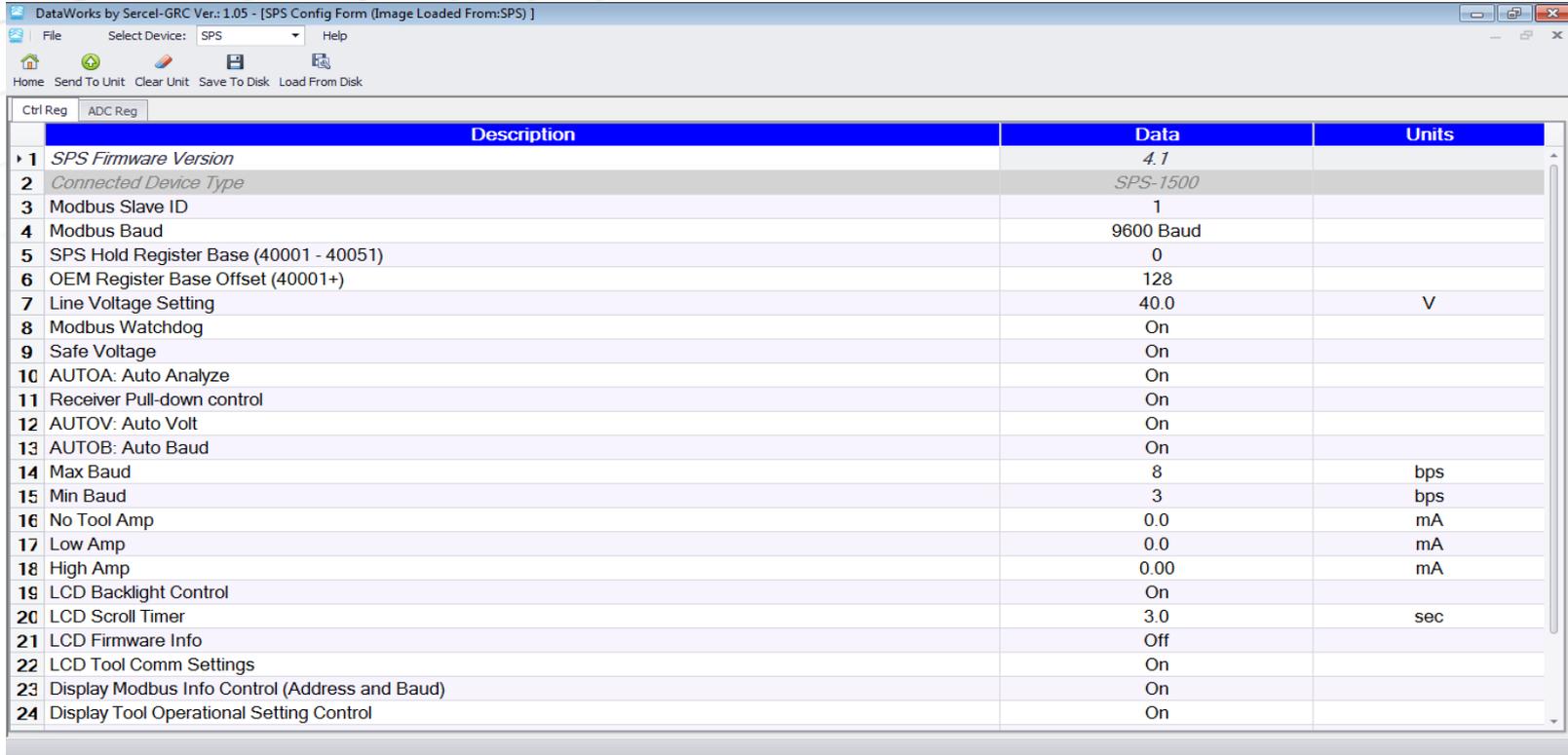
# DataWorks

- It now connects to your SPS



# DataWorks

- Once connected you will see this screen



The screenshot shows the DataWorks software interface. The title bar reads "DataWorks by Sercel-GRC Ver.: 1.05 - [SPS Config Form (Image Loaded From:SPS)]". The menu bar includes "File", "Select Device: SPS", and "Help". The toolbar contains icons for Home, Send To Unit, Clear Unit, Save To Disk, and Load From Disk. Below the toolbar, there are tabs for "Ctrl Reg" and "ADC Reg". The main area displays a table with the following columns: "Description", "Data", and "Units".

	Description	Data	Units
1	<i>SPS Firmware Version</i>	4.7	
2	<i>Connected SPS Device Type</i>	<i>SPS-1500</i>	
3	Modbus Slave ID	1	
4	Modbus Baud	9600 Baud	
5	SPS Hold Register Base (40001 - 40051)	0	
6	OEM Register Base Offset (40001+)	128	
7	Line Voltage Setting	40.0	V
8	Modbus Watchdog	On	
9	Safe Voltage	On	
10	AUTOA: Auto Analyze	On	
11	Receiver Pull-down control	On	
12	AUTOV: Auto Volt	On	
13	AUTOB: Auto Baud	On	
14	Max Baud	8	bps
15	Min Baud	3	bps
16	No Tool Amp	0.0	mA
17	Low Amp	0.0	mA
18	High Amp	0.00	mA
19	LCD Backlight Control	On	
20	LCD Scroll Timer	3.0	sec
21	LCD Firmware Info	Off	
22	LCD Tool Comm Settings	On	
23	Display Modbus Info Control (Address and Baud)	On	
24	Display Tool Operational Setting Control	On	

