



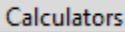

# 1 Installation

Install the **SGS Prime COGO** application for HP Prime on any of the following devices:

- ▶ Physical HP Prime Graphing Calculators
- ▶ Virtual Calculators for [Windows or Mac](#)
- ▶ Windows UWP [HP Prime Pro](#) app
- ▶ Android [HP Prime Pro](#) app
- ▶ iOS [HP Prime Pro](#) app


**Required:** Installation requires the Connectivity Kit for [Windows or Mac](#).


## 1.1 New Installation

| Step | Action  |
|------|---|
| 1    | Download the installation files from <a href="https://sgss.ca/hpprime.html">https://sgss.ca/hpprime.html</a> .  |
| 2    | Unzip/extract the installation files.   |
| 3    | Navigate into the folder where the files were extracted, a folder  <code>SGSPrimeCOGO_v1_6_0_en</code> with the version number of the app will be found.  |
| 4    | Open the folder to reveal a sub-folder with a <b>.hpappdir</b>  <code>SGS Prime COGO.hpappdir</code> extension inside.   |
| 5    | Open the Connectivity Kit on your PC or Mac.  |
| 6    | A. For physical HP Prime calculators; plug in the USB cable to connect.<br>B. For HP Prime Pro apps; open the app on the device that is on the same Wi-Fi network as the PC or Mac running the Connectivity Kit.  |
| 7    | Confirm your calculator connection, it will be visible in the  <b>Calculators</b>  pane of the Connectivity Kit once connected. |

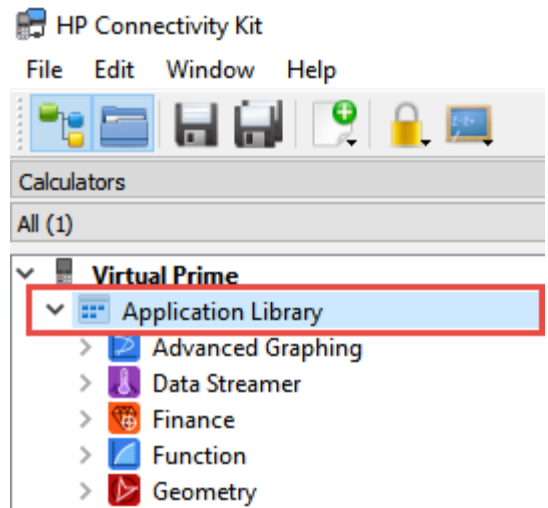
8

Expand the connected calculator in the Connectivity Kit.

Drag and Drop the  **SGS Prime COGO.hpappdir** folder from Step 4 onto the









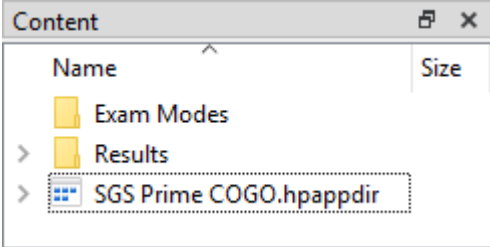


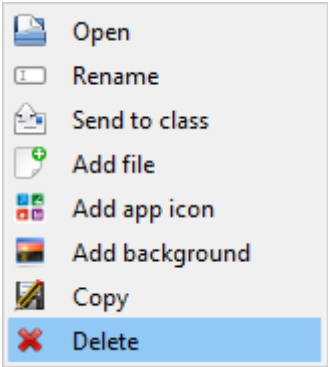
▼  **Application Library** folder of your calculator. It may take a few seconds to complete the transfer.










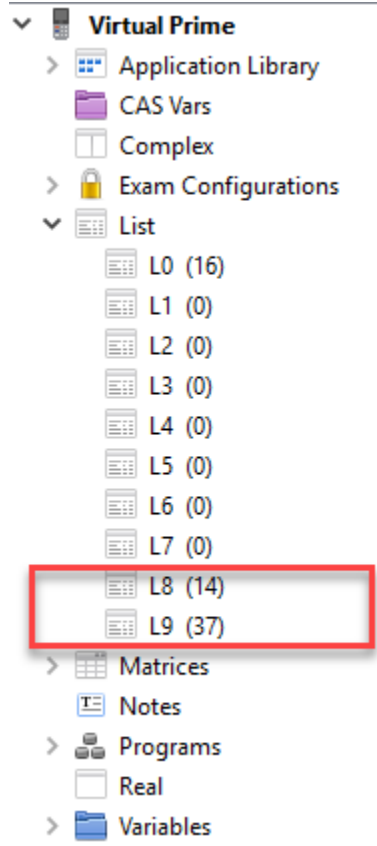
Close the Connectivity Kit.





## 1.2 Upgrade to new Version

To preserve application variables and files, it is best to overwrite only the program code of the app when upgrading to a newer version. It is currently not possible to overwrite just the program code of an app directly in the **Application Library**; therefore, a workaround step is required to accomplish the upgrade.

| Step | Action   |
|------|--|
| 1    | Download the installation files from <a href="https://sgss.ca/hpprime.html">https://sgss.ca/hpprime.html</a> .   |
| 2    | Unzip/extract the installation files.  |
| 3    | Navigate into the folder where the files were extracted, a folder  <b>SGSPrimeCOGO_v1_6_0_en</b> with the version number of the app will be found.  |
| 4    | Open the folder to reveal a sub-folder with a <b>.hpappdir</b> extension inside.  <b>SGS Prime COGO.hpappdir</b>  |
| 5    | Open the Connectivity Kit on your PC or Mac.   |
| 6    | A. For physical HP Prime calculators; plug in the USB cable to connect.<br>B. For HP Prime Pro apps; open the app on the device that is on the same Wi-Fi network as the PC or Mac running the Connectivity Kit.   |
| 7    | Confirm your calculator connection, it will be visible in the <b>Calculators</b>   pane of the Connectivity Kit once connected.  |
| 8    | <p>Expand the  <b>Application Library</b> folder and locate the  <b>SGS Prime COGO</b> app. Drag and drop the app into the <b>Content</b>   pane of the Connectivity Kit.</p> <p>This will create an <b>SGS Prime COGO.hpappdir</b> folder in the <b>Content</b> pane as shown.</p>  |
| 10   | <p>Right-click on the  <b>SGS Prime COGO</b> app in the  <b>Application Library</b> and choose <b>Delete</b>.</p>   |

|    |   |
|----|---|
| 11 | <p>Using your PC or Mac File Explorer, open the  <b>SGS Prime COGO.hpappdir</b> folder from Step 4.</p> <p>Inside you will find a  <b>SGS Prime COGO.hpappprgm</b> file, drag and drop this file onto the  <b>SGS Prime COGO.hpappdir</b> folder in the <b>Content</b>   pane.</p> <p>At the prompt choose <b>Yes</b> to replace the file.</p> <p>This updates the program code of the app in the <b>Content</b> pane.</p>                 |
| 12 | <p>Drag and Drop the  <b>SGS Prime COGO.hpappdir</b> folder from the <b>Content</b>   pane to the  <b>Application Library</b> folder.</p> <p>It may take a few seconds to complete the transfer.</p> <p>Close the Connectivity Kit.</p>   |
| 13 | <p>NOTE: If you are upgrading from Version 1.5.x, you can delete the L8 and L9 lists that were installed with that version.</p> <p>Right-click on the L8 and L9 list objects and choose “Delete”.</p> <div data-bbox="1040 709 1414 1549">  <p><b>Virtual Prime</b></p> <ul style="list-style-type: none"> <li>&gt; Application Library</li> <li>CAS Vars</li> <li>Complex</li> <li>&gt; Exam Configurations</li> <li>&gt; List <ul style="list-style-type: none"> <li>L0 (16)</li> <li>L1 (0)</li> <li>L2 (0)</li> <li>L3 (0)</li> <li>L4 (0)</li> <li>L5 (0)</li> <li>L6 (0)</li> <li>L7 (0)</li> <li><b>L8 (14)</b></li> <li><b>L9 (37)</b></li> </ul> </li> <li>&gt; Matrices</li> <li>Notes</li> <li>&gt; Programs</li> <li>Real</li> <li>&gt; Variables</li> </ul> </div> |

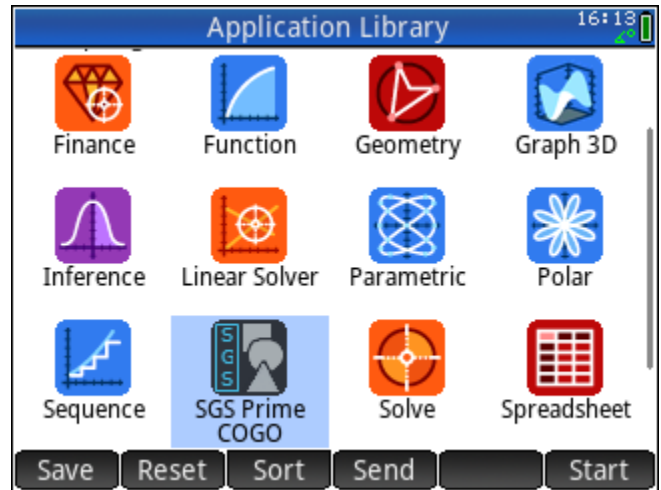
**NOTE:** If you encounter an Insufficient Memory error when trying to connect with the Connectivity Kit, try:

1. Reboot the calculator by holding down  and then pressing . Try again.
2. If you have Version 1.5.1 or later installed, try the **Unload** option prior to connecting to the Connectivity Kit, then use the **Reload** option after upgrade is complete.

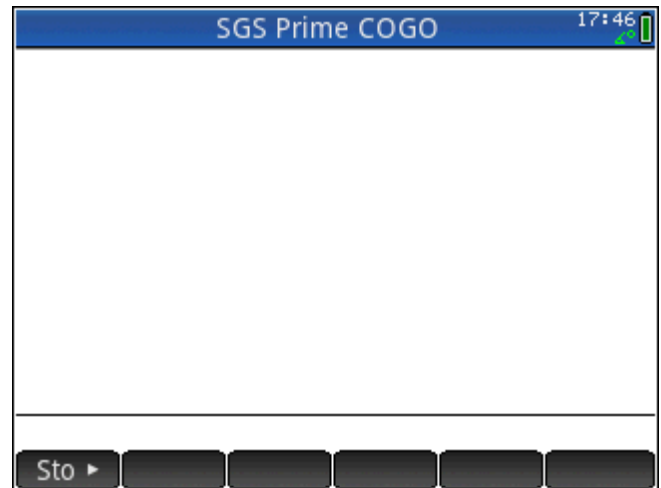
## 1.3 Running SGS Prime COGO

Once installed, run **SGS Prime COGO** by one of the following methods:

1. Open the Application Library on your calculator by using the **Apps Info** key. Locate the **SGS Prime COGO** app and tap the icon or **Start** on the menu to open the application.



2. From the Home or CAS screen, if **SGS Prime COGO** is the active application with the title visible at the top of the screen, use the **Num** key to start the application.



Other shortcut keys available from the Home or CAS screen:

- ▶ **Symb** key starts the [RPN Calculator](#).
- ▶ **Plot** key opens the [Plot Points](#) program.
- ▶ **Shift** and **Symb** / **Plot** / **Num** keys opens the [User Settings](#) options.

## 1.4 License Key

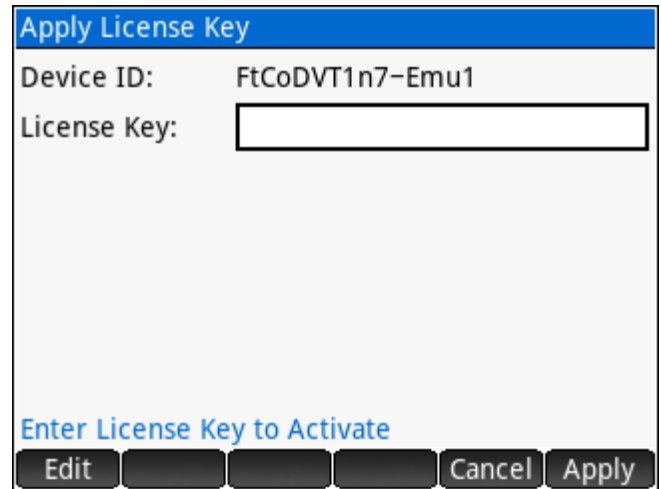
A valid **License Key** enables the functionality of the software.

License Keys are bound to the Device ID of the calculator or app that the SGS Prime COGO application is installed on.

You must supply the Device ID of your calculator or app when requesting a License Key.

The Device ID should match the calculator serial number followed by a few characters to help identify the type of device and the version of the app.

Contact [sales@sgss.ca](mailto:sales@sgss.ca) for more information about licensing.



Apply License Key

Device ID: FtCoDVT1n7-Emu1

License Key:

[Enter License Key to Activate](#)

Edit Cancel Apply