

# Cognisys StackShot Reflash Instructions (Mac)

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So what is “Reflash” anyways? This is the process of erasing StackShot’s software and loading in a new version. Should you reprogram your controller? Not always – If it is doing everything you want there is no advantage of loading new firmware. If, however, there is a new feature that you want – then by all means upgrade!

Is there risk? Think of updating the firmware as a brain transplant for your controller. Yes, there is risk, but we’ve worked hard to minimize that risk. That being said, refrain from removing power or the USB connection while it is in the middle of reprogramming. If you are in bootloader mode but haven’t started reflashing the controller, you can turn it off by removing the power (it will ignore the power button, so you will have to pull power).

Before starting be sure to un-install any previous version of our Reflash product before continuing.

The Reflash program requires Oracle’s Java. If this is not present on the PC that you are using you will be taken to Oracle’s web-site. If you are using a Mac, you will have to explicitly download Java from here if it is not already present on your computer:

<http://java.com/en/download/index.jsp>

Mac users:

Download the reflash package from here:

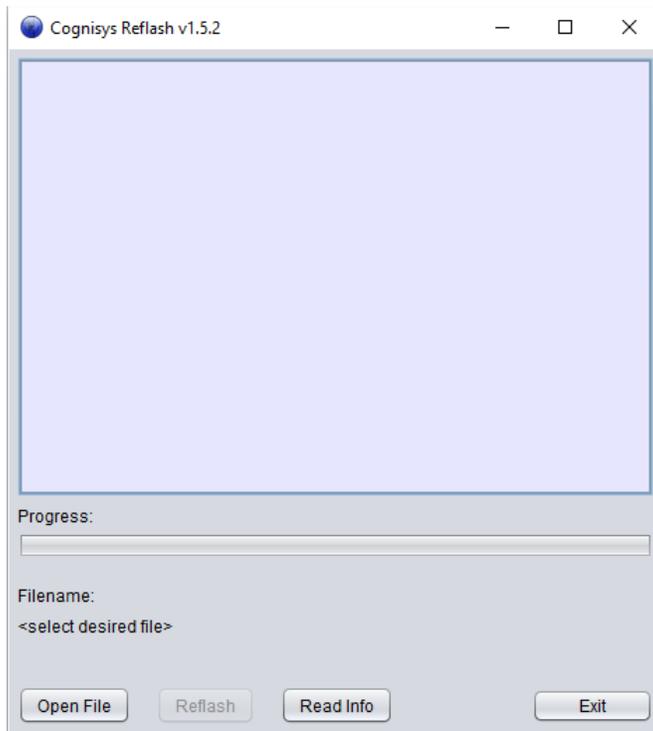
<http://www.cognisys-inc.com/downloads/reflash/ReflashInstaller.dmg>

Run the package installer and follow the installation instructions. The application will be on your Launchpad.

## Updating StackShot Firmware:

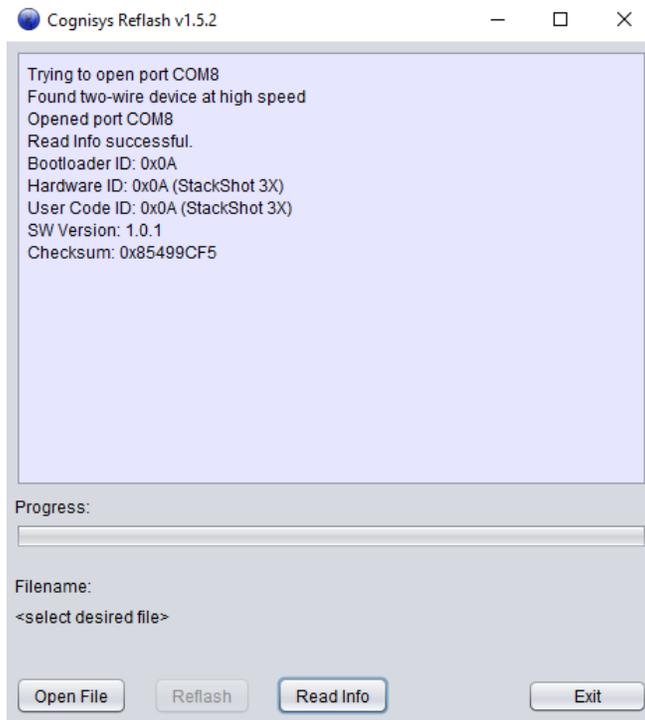
Your StackShot must be in bootloader mode in order to reflash it.

1. Plug in USB to your computer and StackShot (mini-USB, not micro-USB).
2. Have the power removed from StackShot.
3. Press and hold the CONFIG button on StackShot.
4. While the CONFIG button is still pressed, plug in power.
5. Release the CONFIG button.
6. Run the reflash program.
7. You should now see the following or similar:



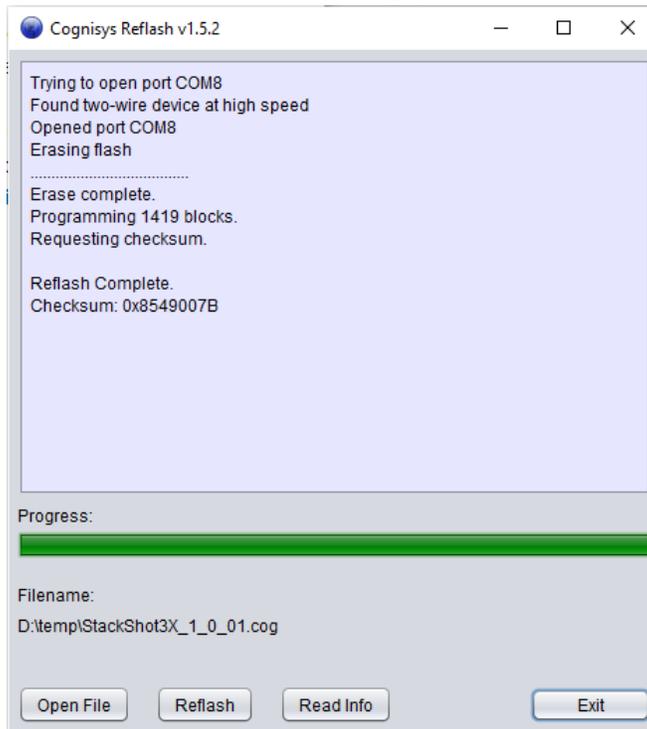
8. Click the "Read Info" button. If the program responds with "could not open a comm port or target not bootstrapped", be sure that the controller is plugged into the computer. Also be sure the cable is connected to your StackShot and that the display indicates it is in bootloader mode.

At this point you should see text similar to the following:



9. Click the "Open File" button and select the new firmware. The firmware will end in a "COG" extension. If the file was read properly, the "Reflash" button will become active.
10. Click the "Reflash" button to begin the reprogramming process. This should only take a few seconds to reprogram the controller.

11. At the end of the reprogramming, you will see text similar to the following:



You can verify the software version when you first turn on the controller. At the bottom of the “Cognisys” splash screen you will briefly see the software version and date at the bottom.

If you have any issues with the reprogramming process or installing the reflash software, please contact us at [support@cognisys-inc.com](mailto:support@cognisys-inc.com).