

## SOM Firmware Update

Rev. 0 6/14/2019

Rev. 1 07/31/2019

The following steps will be used for updating the firmware on the SOM. Before updating the SOM, make sure that the DE-4000 system configuration is exported. This is important because updating the SOM will erase any configuration previously on the DE-4000 system.

1. After the configuration is exported, turn the power off.
2. Once the power is OFF, load a microSD card into the SOM. This microSD card should have the file **update.atf** on it. To load the file onto a microSD card, the following steps must be completed:
  - a. Save the **update.atf** file onto a computer. If the file is in a zipped folder, unzip the folder before moving on to the next step.
  - b. Load a microSD card into a USB card reader. Plug the USB card reader into a computer.
  - c. Transfer the **update.atf** file onto the microSD card. This will place the **update.atf** file on the root level of the microSD card.
  - d. After a successful transfer, safely eject the microSD card from the computer.
3. With the Power OFF, place the microSD card into the SOM.
4. Power the unit ON.
5. Let the system run until able to reconnect to 98.102.65.174/index.html. Once a reconnection is obtained, power system OFF.
6. Unplug the microSD card from the SOM, and place in a safe place for future reference.
7. Power the system ON and import the saved configuration file.