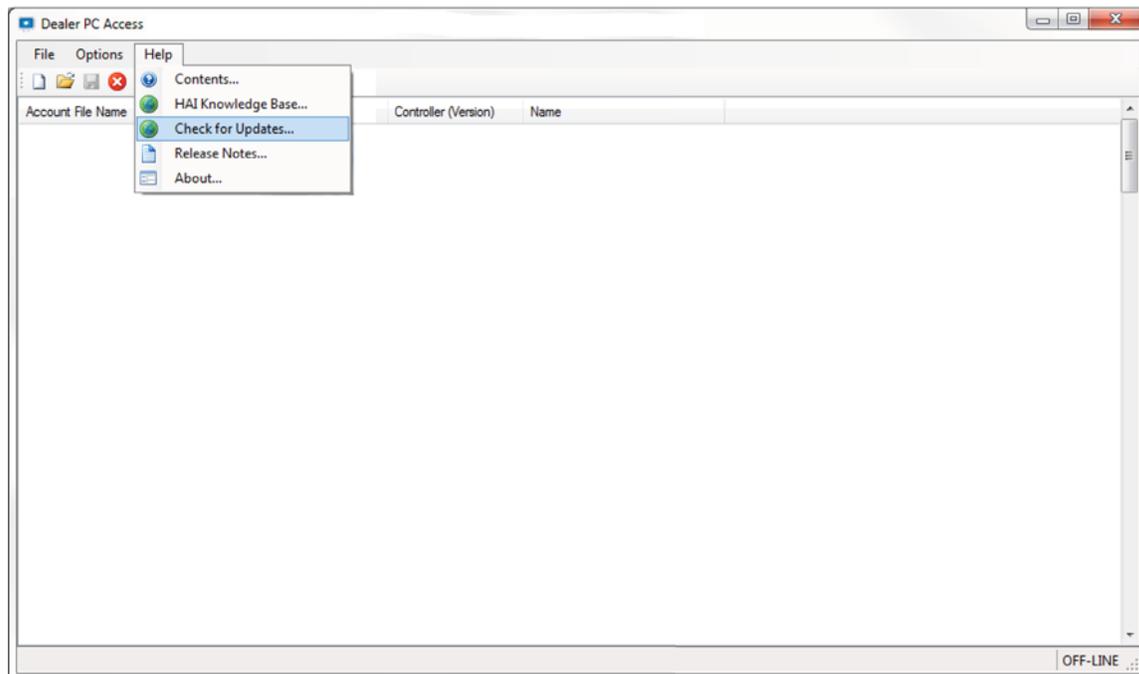


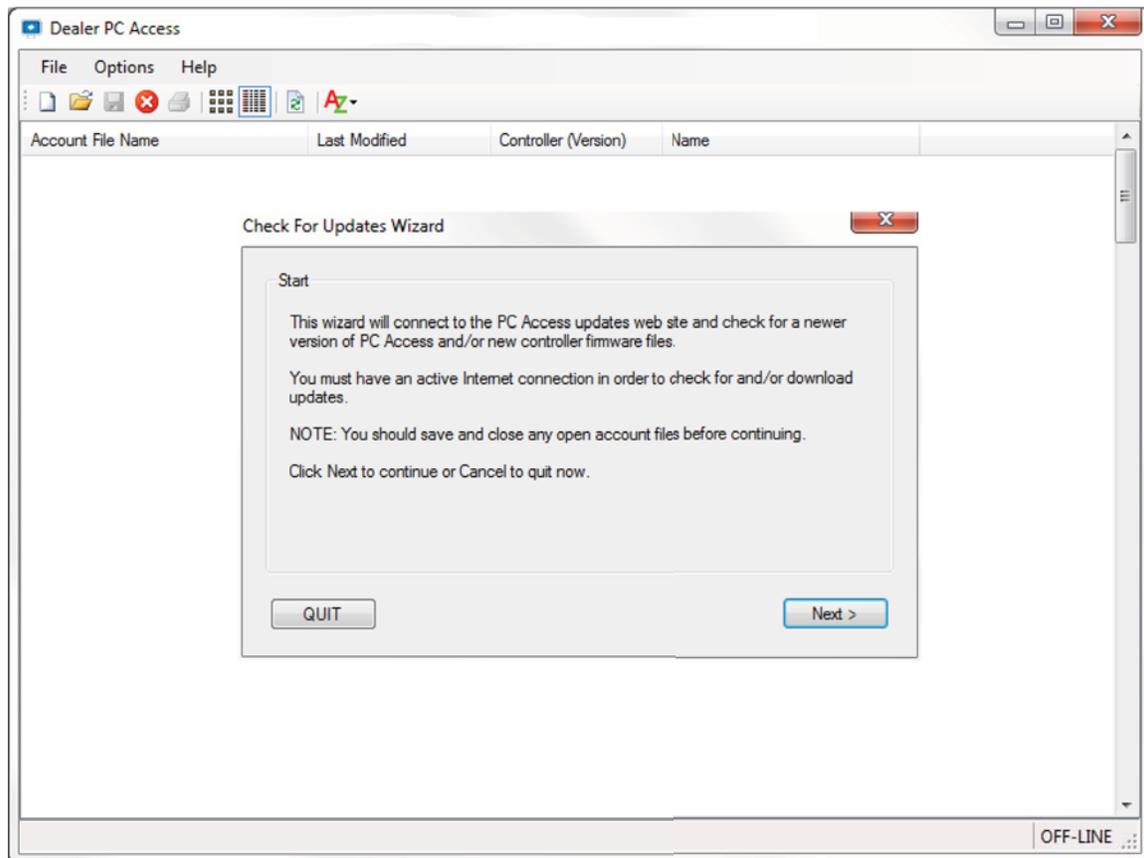
Upgrading OmniTouch 7 Firmware and Kernel using PC Access Software

To obtain the latest firmware upgrade for the OmniTouch 7, please follow these steps:

1. Start the PC Access Application.
2. From the “Help” menu, click “Check for Updates” to start the Updates Wizard.

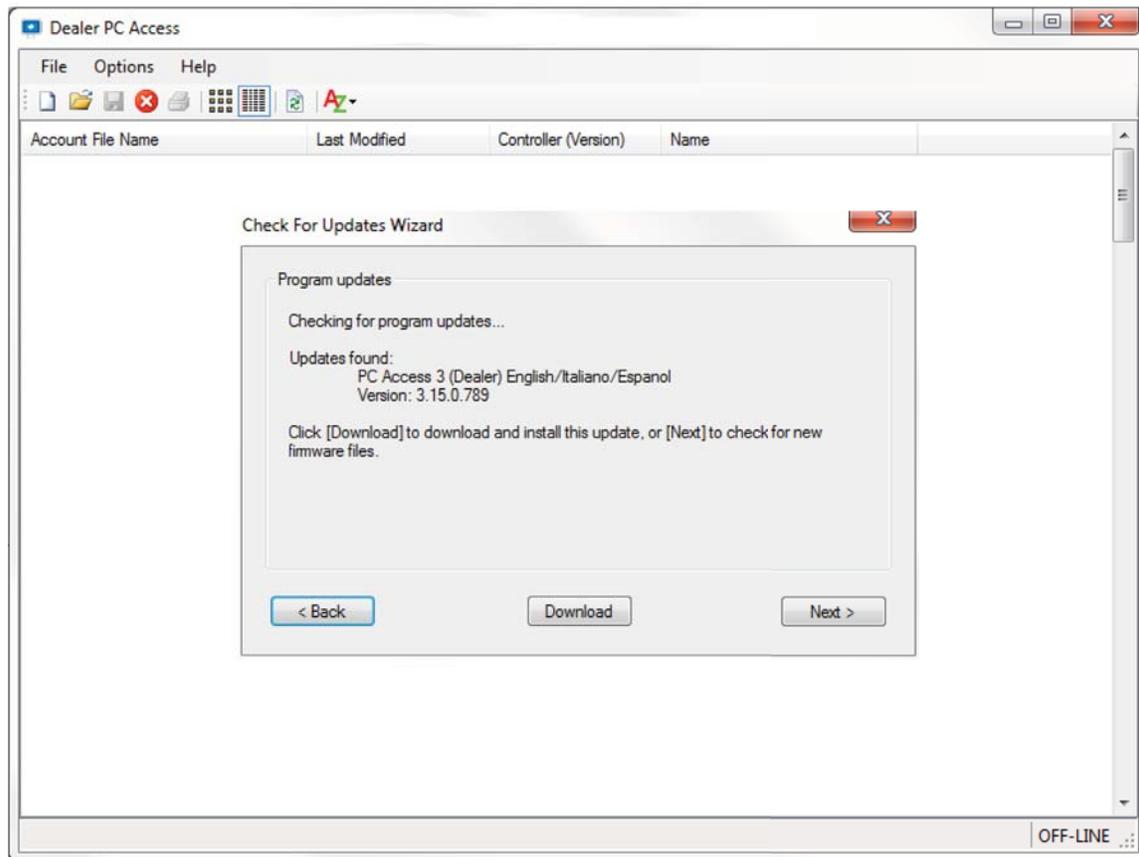


3. Click "Next".

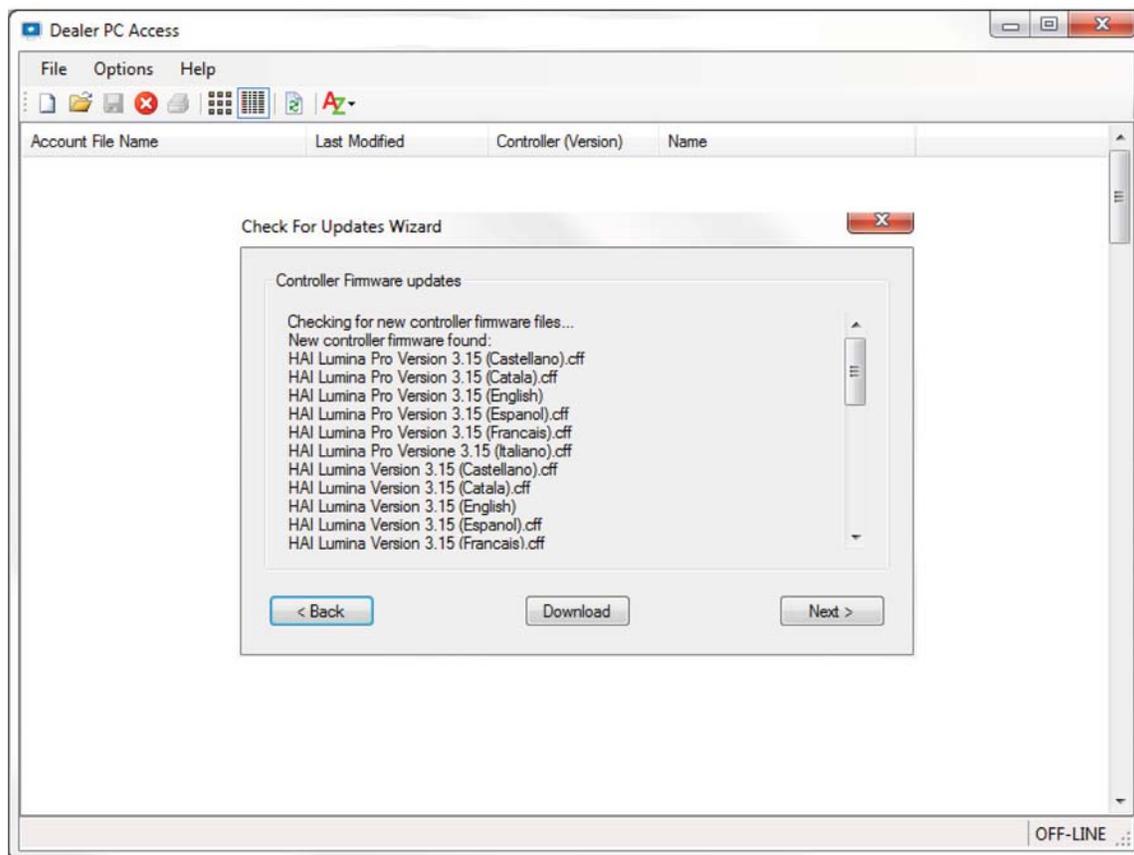


4. If a PC Access update is available, download and install by clicking “Download”.

Note: To obtain firmware upgrades for the OmniTouch 7, PC Access Version 3.12.0.716 or later must be installed.

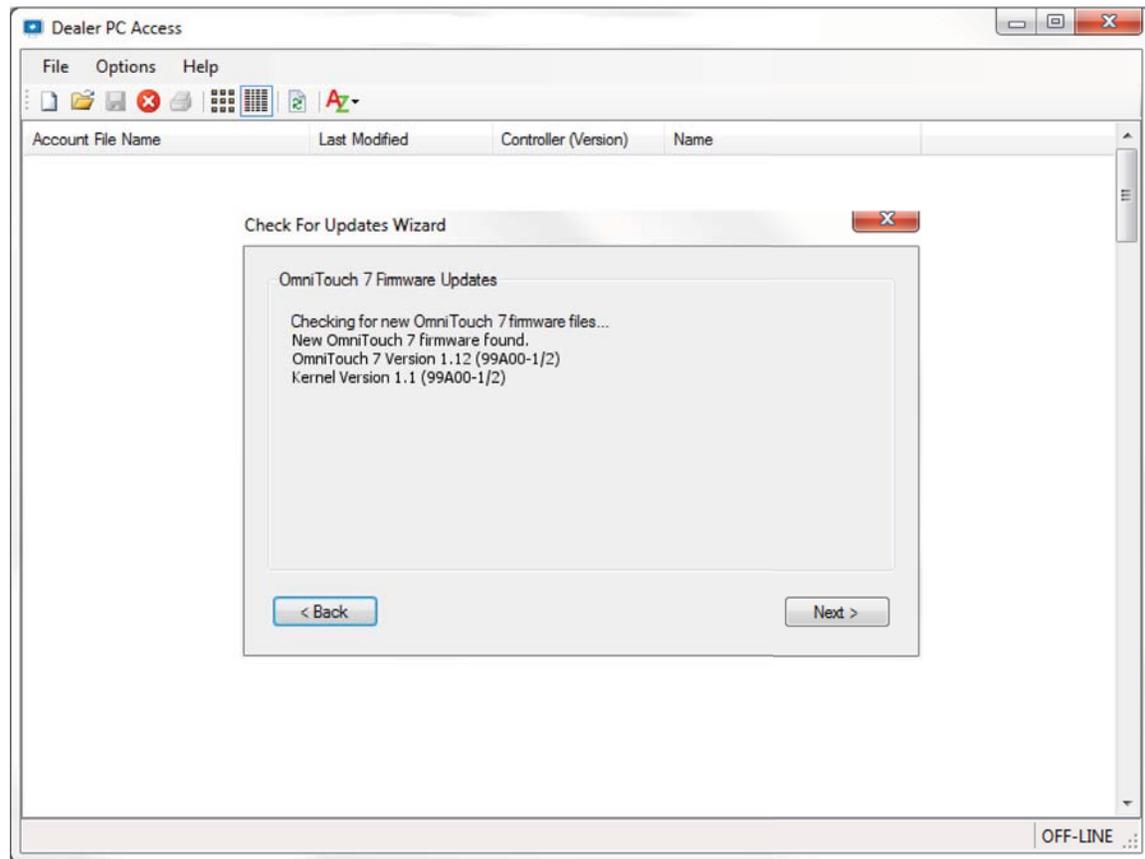


5. Next, the Updates Wizard will prompt you if controller firmware updates are available.
6. Click "Next".



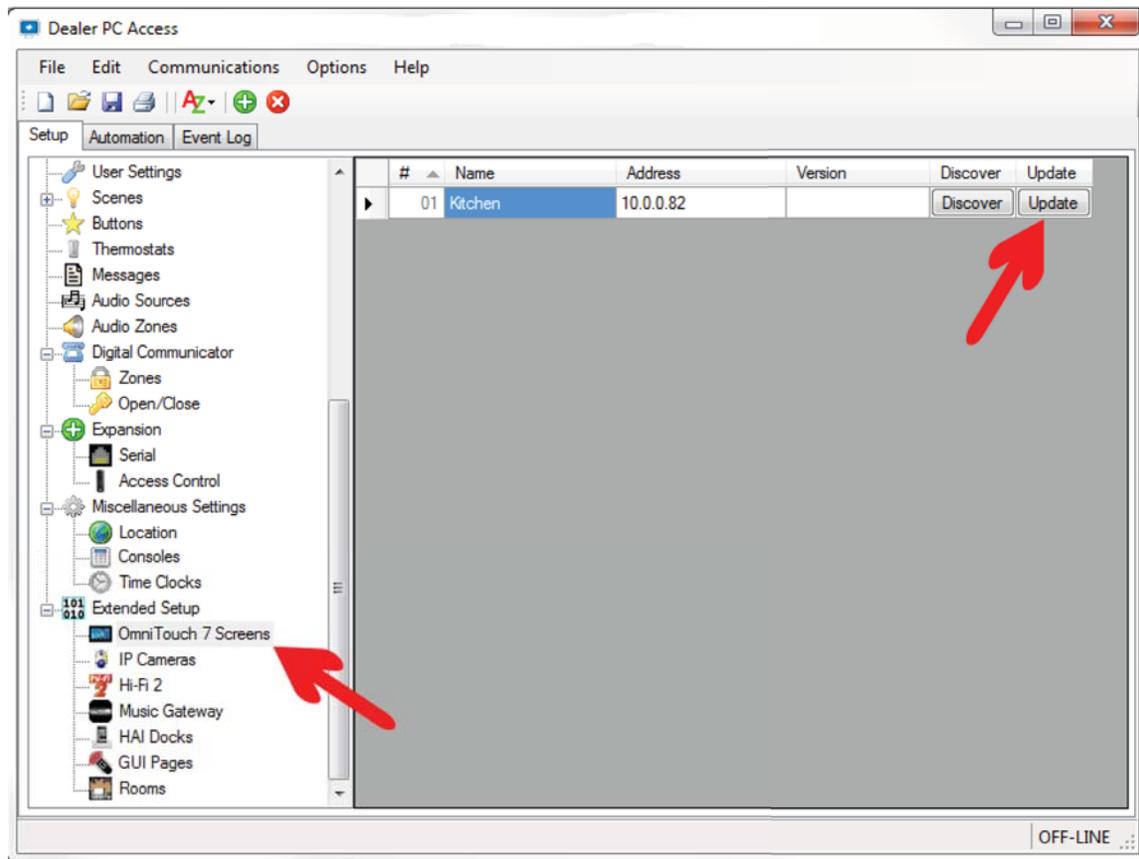
7. Next, the Update Wizard will prompt you if OmniTouch 7 firmware upgrades are available.
8. If OmniTouch 7 firmware upgrades are available, click "Download" to download the upgrades.

Note: Two upgrade files will be downloaded: 1 for the Firmware and one for the Kernel.



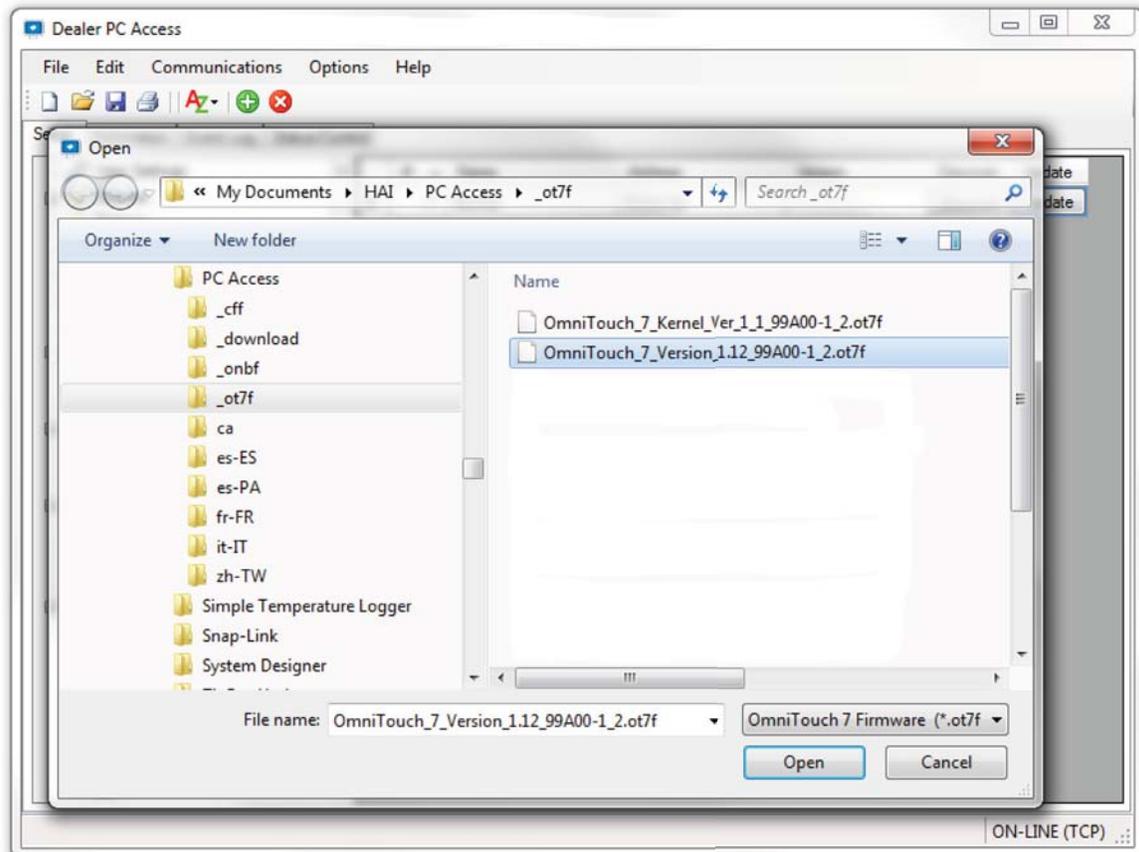
To upgrade the OmniTouch 7 Firmware, please follow these steps:

1. Start the PC Access application.
2. Open the controller account file for the respective controller.
3. Click the “OmniTouch 7 Screens” menu item under “Extended Setup”.
4. Highlight the touchscreen to be updated and click the “Update” button.

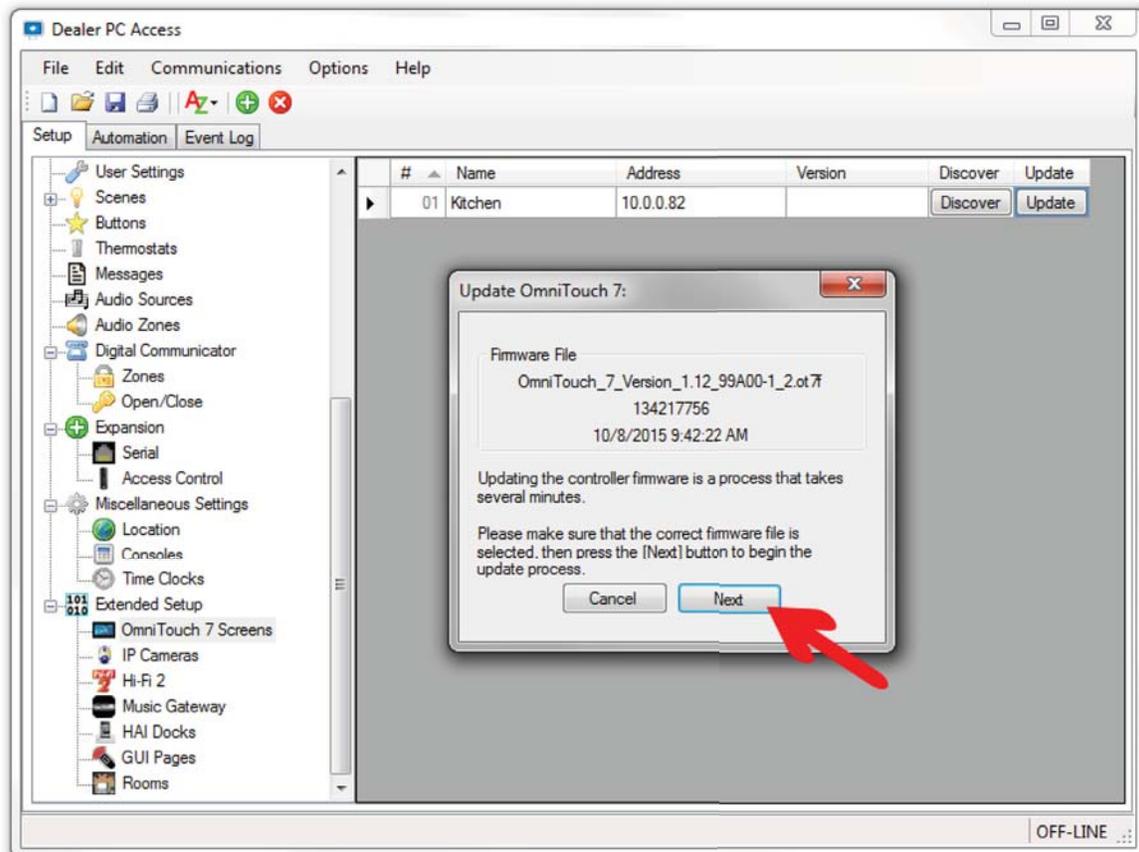


5. Navigate to the downloaded OmniTouch 7 firmware files.
6. Select the OmniTouch firmware file, Version 1.12 or higher and click “Open”.

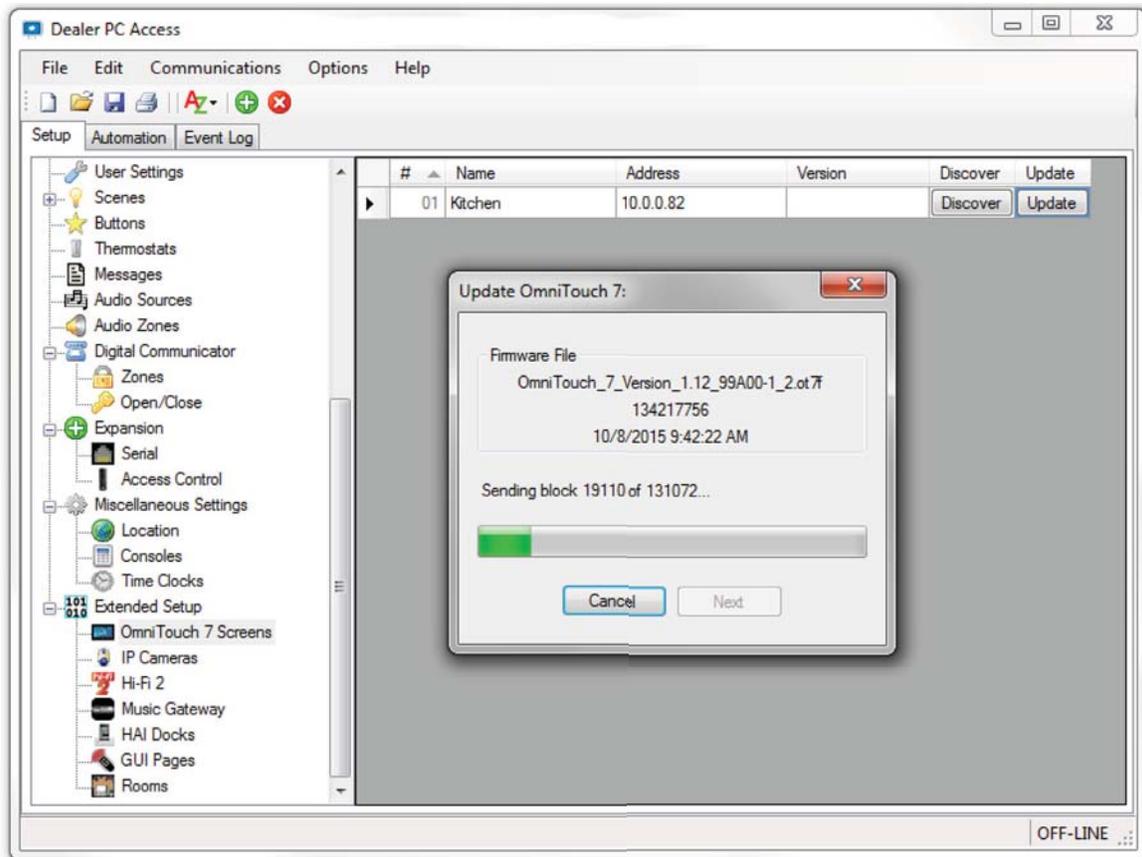
Note: The OmniTouch firmware upgrade file (e.g. OmniTouch_7_Version_1.12_99A00-1_2.ot7f) must be applied first. The Kernel upgrade file (OmniTouch_7_Kernel_Ver_1_1_99A00-1_2.ot7f) will be applied after the firmware has been upgraded.



7. Click "Next".

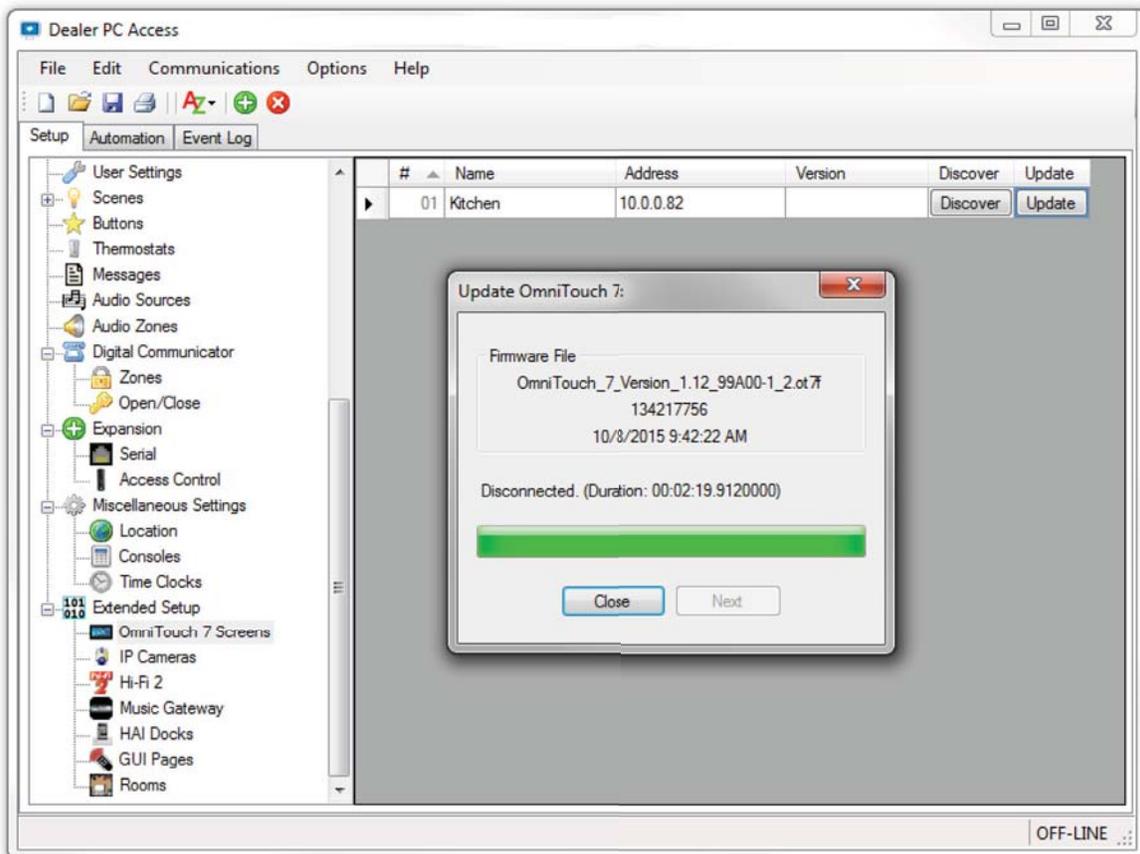


- The update process should begin. Wait until it completes.

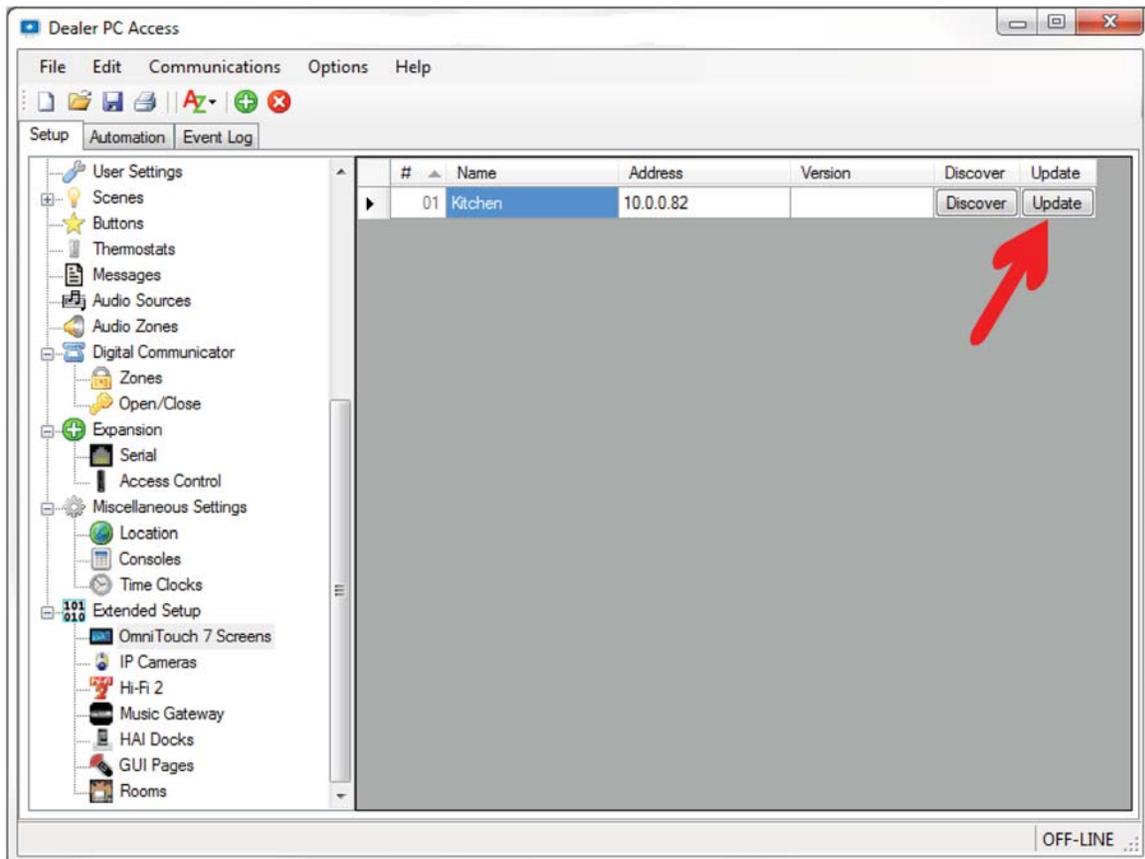


9. Once it has completed, press “Close”.
10. The OmniTouch 7 touchscreen will reboot.
- 10A. If the touchscreen remains black during the reboot process, please power the screen off for two (2) minutes and then reapply power.

Note: Wait for the OmniTouch 7 to restart before moving to the next step.

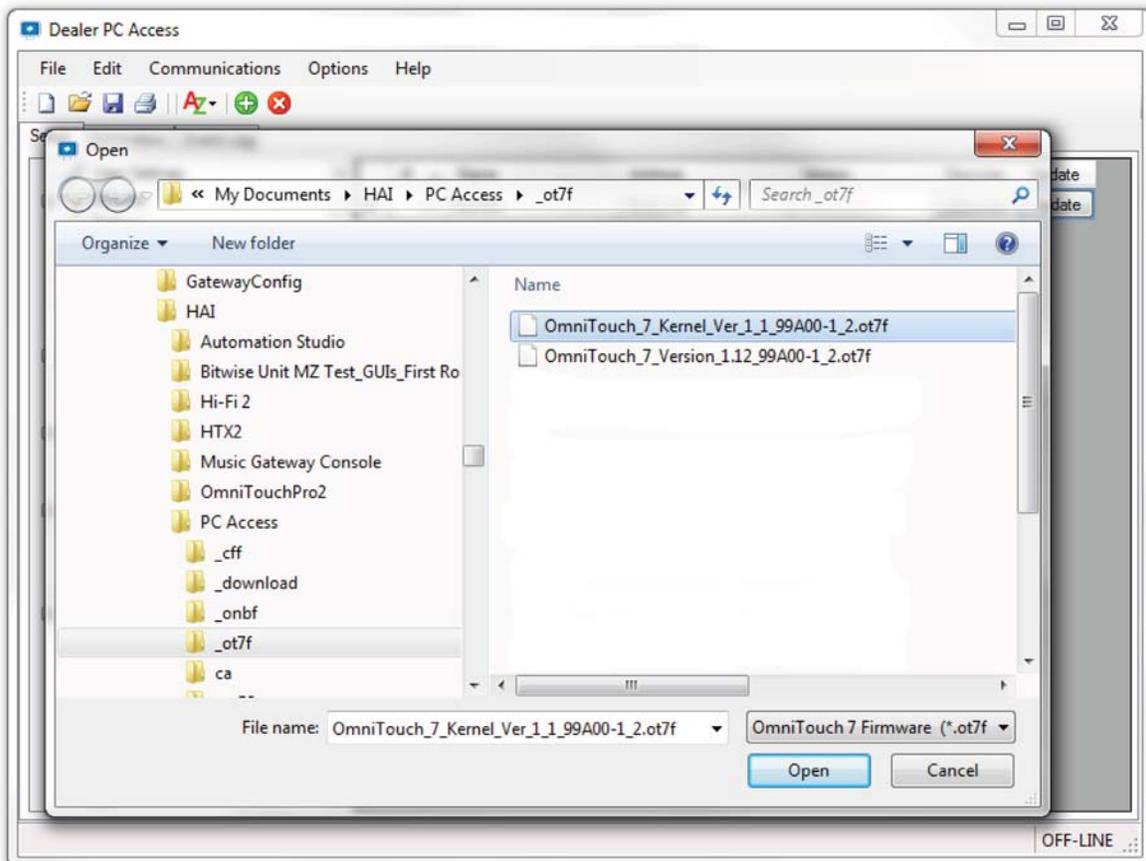


11. After the OmniTouch 7 restarts, highlight the touchscreen again to apply the Kernel upgrade and click the “Update” button.

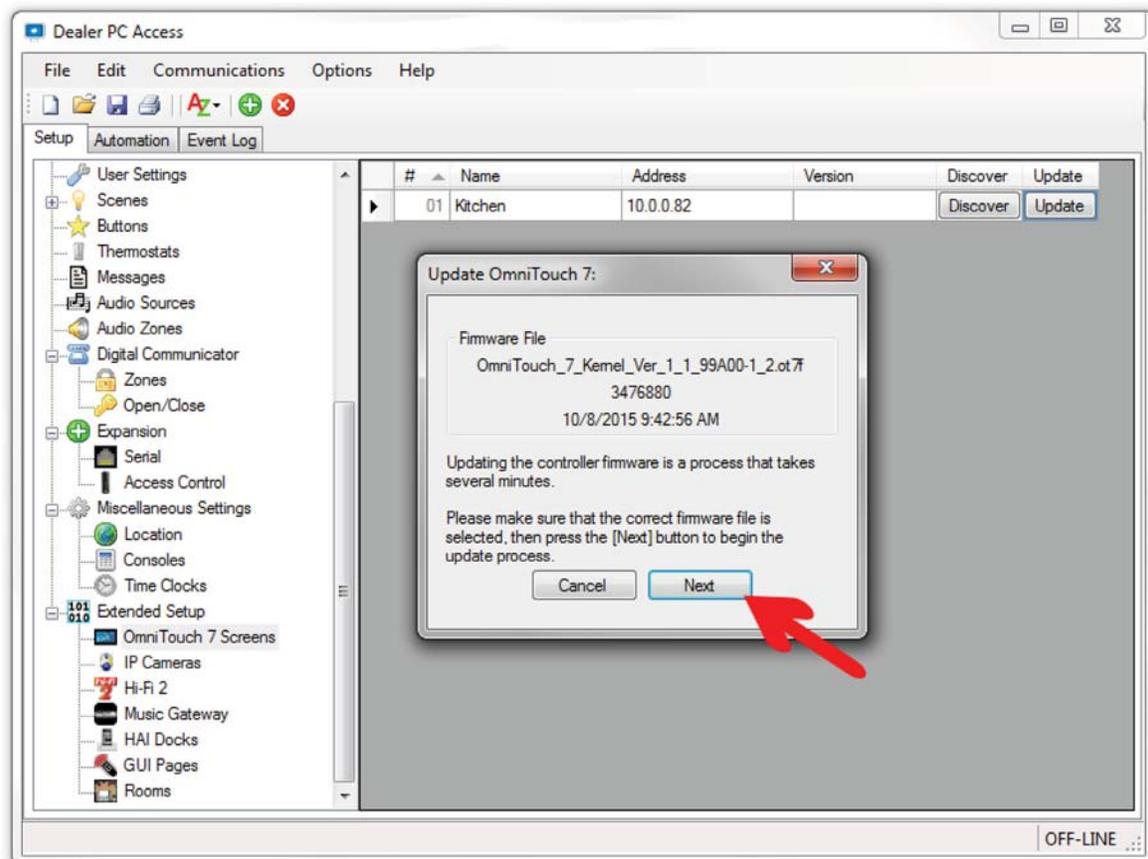


12. Navigate to the downloaded OmniTouch 7 firmware files.
13. Select the Kernel Upgrade file (e.g. OmniTouch_7_Kernel_Ver_1_1_99A00-1_2.ot7f), Version 1.1 or higher and click “Open”.

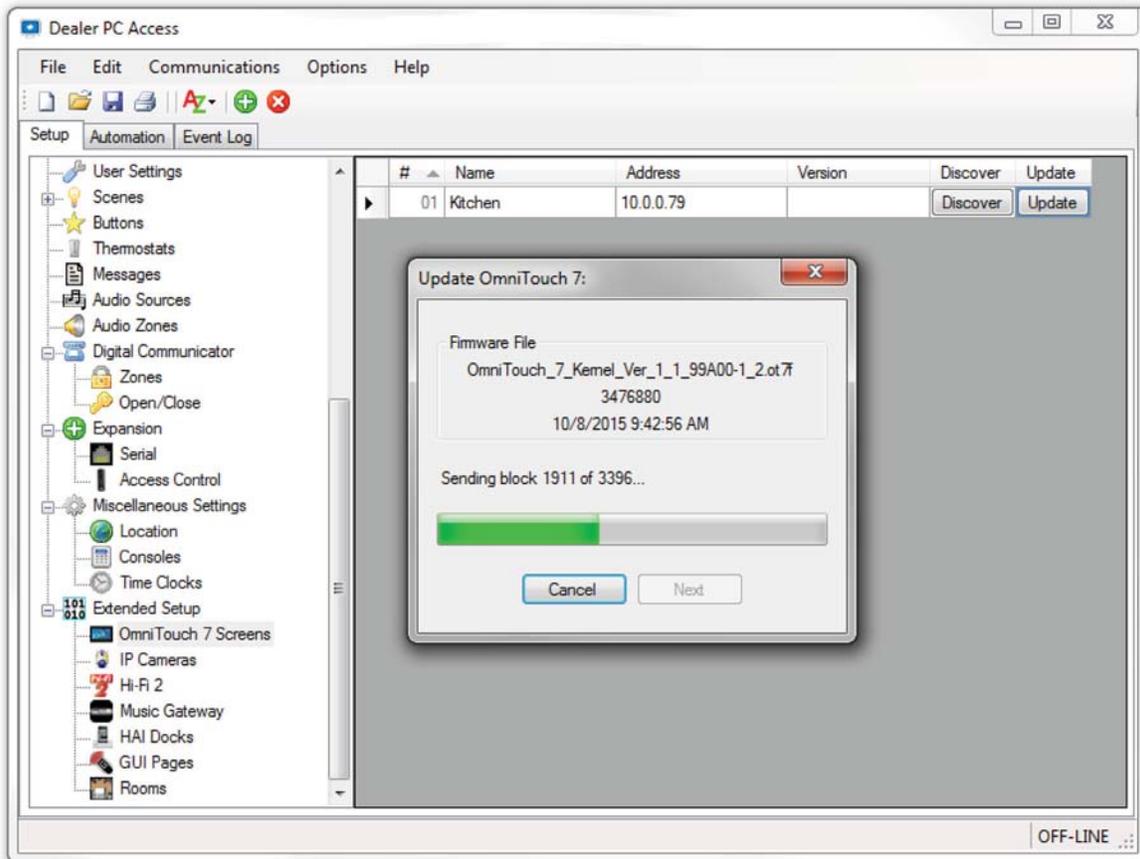
Note: The OmniTouch touchscreen must be running firmware version 1.12 or higher before the Kernel upgrade file (e.g. OmniTouch_7_Kernel_Ver_1_1_99A00-1_2.ot7f) can be applied.



14. Click "Next".



15. The update process should begin. Wait until it completes.



16. Once it has completed, press “Close”.
17. The OmniTouch 7 touchscreen will reboot.

Note: Wait for the OmniTouch 7 to restart before moving to the next step.

