

**INSTRUCTION ON FLASHING THE 4852-X6X TOUCH
PANEL FIRMWARE**

1.0 Download TOSHIBA Diagnostics for POS Systems and Peripherals

from the following link:

<http://www2.clearlake.ibm.com/store/support/html/diagreg.html>

1.1. Install the Diagnostic Package on a Memory Key

It is a simple process to install the package on a memory key

NOTE: It is good practice to maintain a backup of the system on which you build the memory key. For safety sake, you may want to run this installation program on a machine whose data can be easily recovered.

CAUTION: All memory key contents are deleted during the installation process. Please remove any files you want to preserve to a secure place outside the memory key.

To install, follow these steps:

Download the Diagnostics package from the support website. This ZIP file includes both Diagnostics image and README files.

Extract Diagnostics image and execute on a computer with Microsoft Windows 2000/XP and follow the onscreen instructions.

The installation process will tell you if there is insufficient space to install the diagnostics on the memory key.

The program will tell you when it is finished.

The remaining free space is available for user files.

IMPORTANT NOTE: If the memory key contains a protected area, you'll need to remove it prior to running the diagnostics install package. A protected area on a 256MB key will prevent installation due to lack of available space.

Use of a protected area on keys larger than 256MB has not been tested.

1.2. Supported Memory Keys

The package is provided in the form of an installation package and it installs to a memory key. Toshiba Global Commerce Solutions (TGCS) has tested the package on: IBM USB 2.0 Memory key (256 MB) FRU: 22P9231 Part number: 22P9228

<http://www1.ibm.com/support/docview.wss?rs=0&uid=psg1MIGR57138>

PNY USB 2.0 1GB Memory Key Part number: PFD01GU20RF

<http://www2.pny.com/homepage.aspx>

SanDisk USB 4GB Memory Key Part number: SDUFD2AD4096 FRU: 41Y8279

1.3. Place -0455-99-HCS.HEX to x:\utilities\flash\touch_panel folder

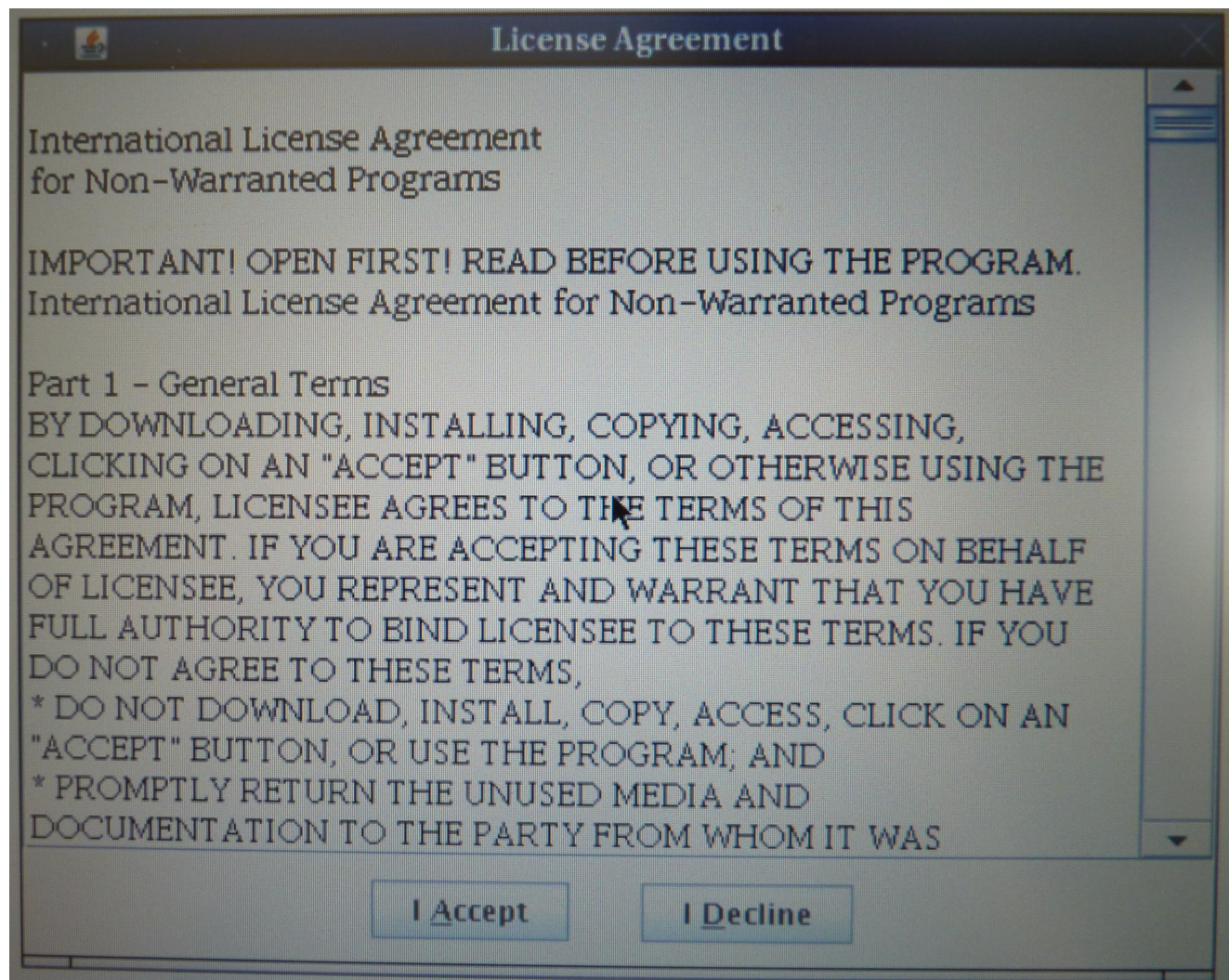
Where x: denotes the drive that the Diagnostics Package was extracted to.

1.4. Running the Diagnostics Package

Start with the machine powered off.

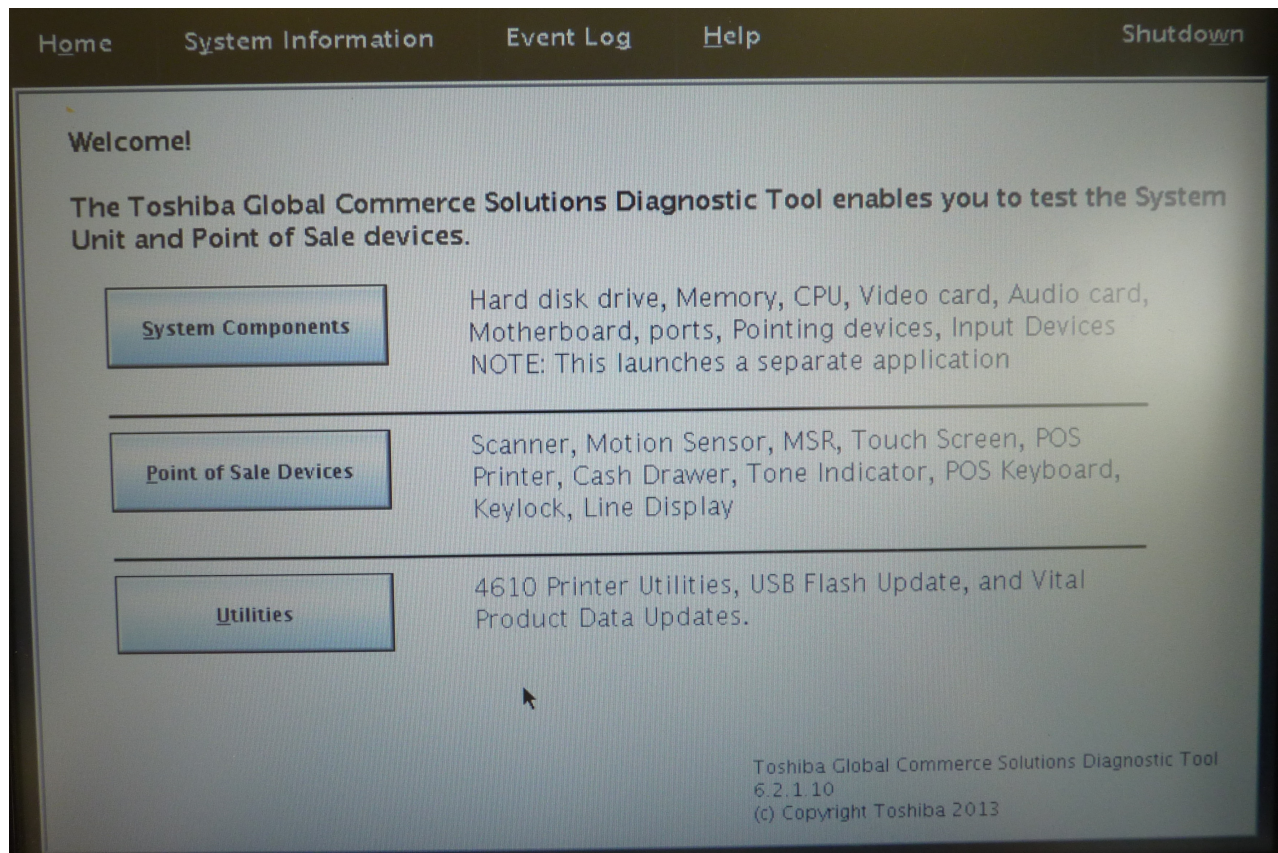
Insert the memory key into a USB port.

Power on the machine and the diagnostics program will start.

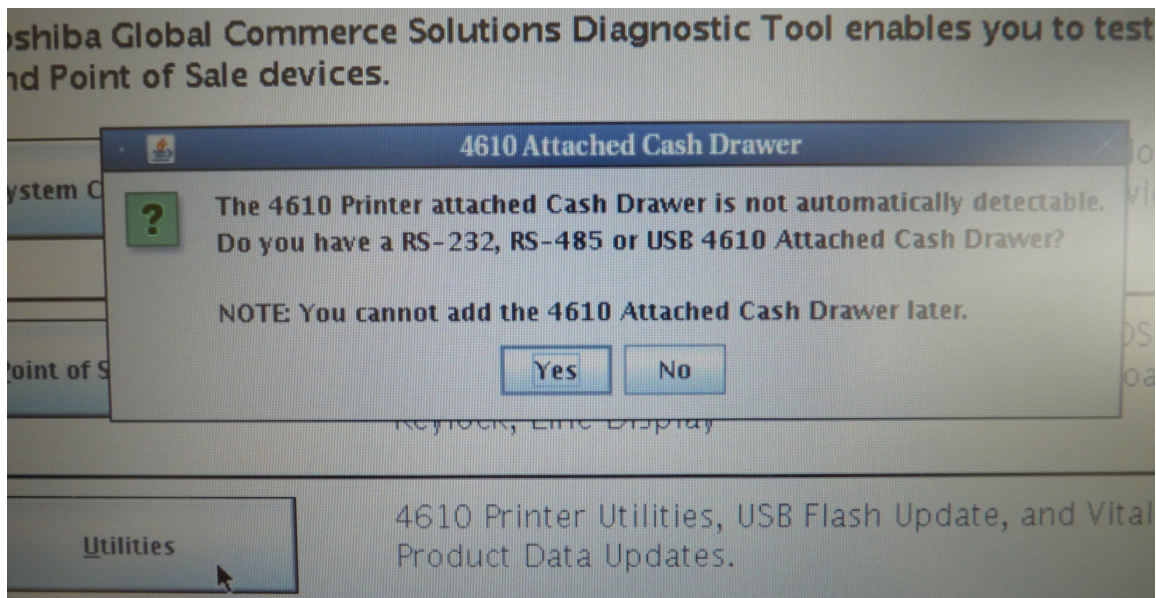


Click on the "I Accept" button.

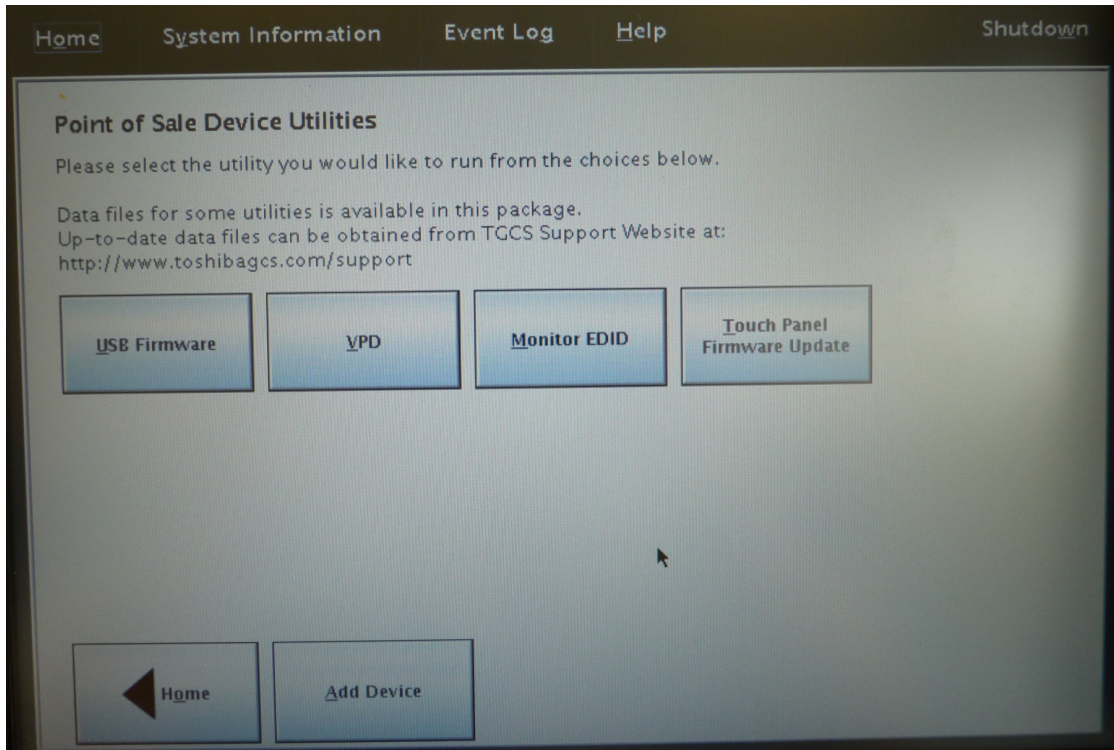
You will be presented with the following graphical user interface. Choose "Utilities".



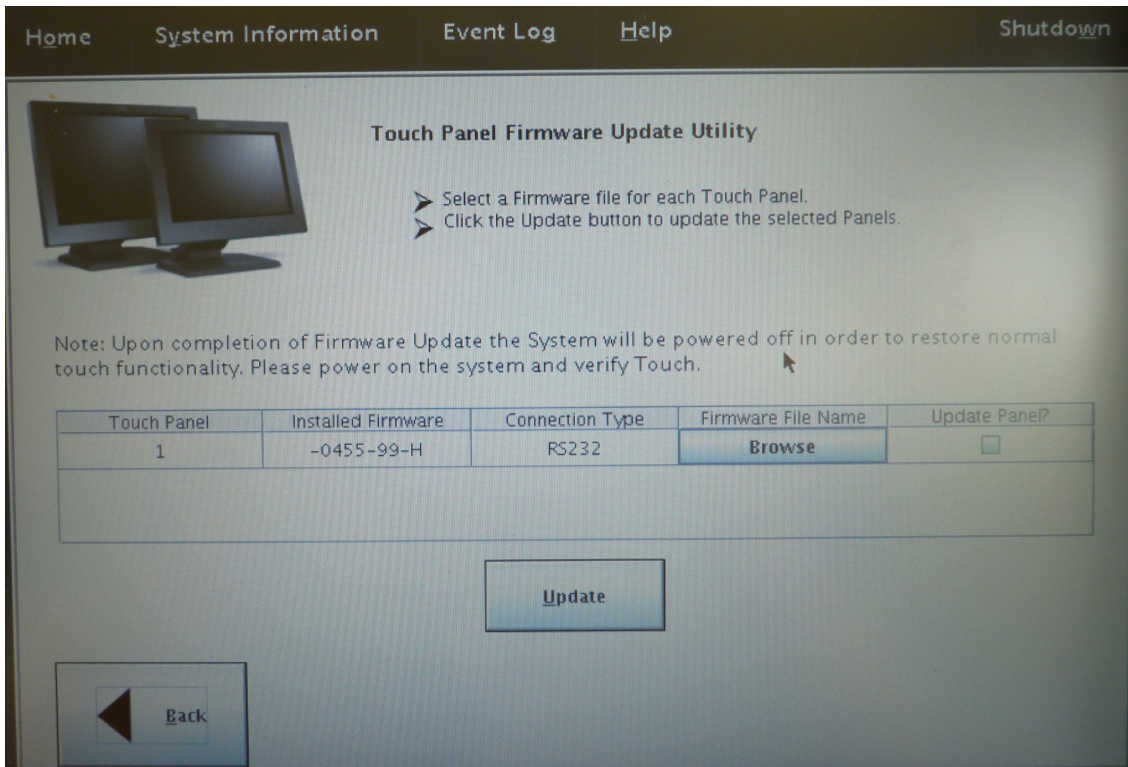
1.5. The following dialog box will appear. For the Touch panel firmware upgrade, clicking on "Yes" or "No" is not crucial.



1.6. Next, the following menu will appear. Click on “Touch Panel Firmware Update”.

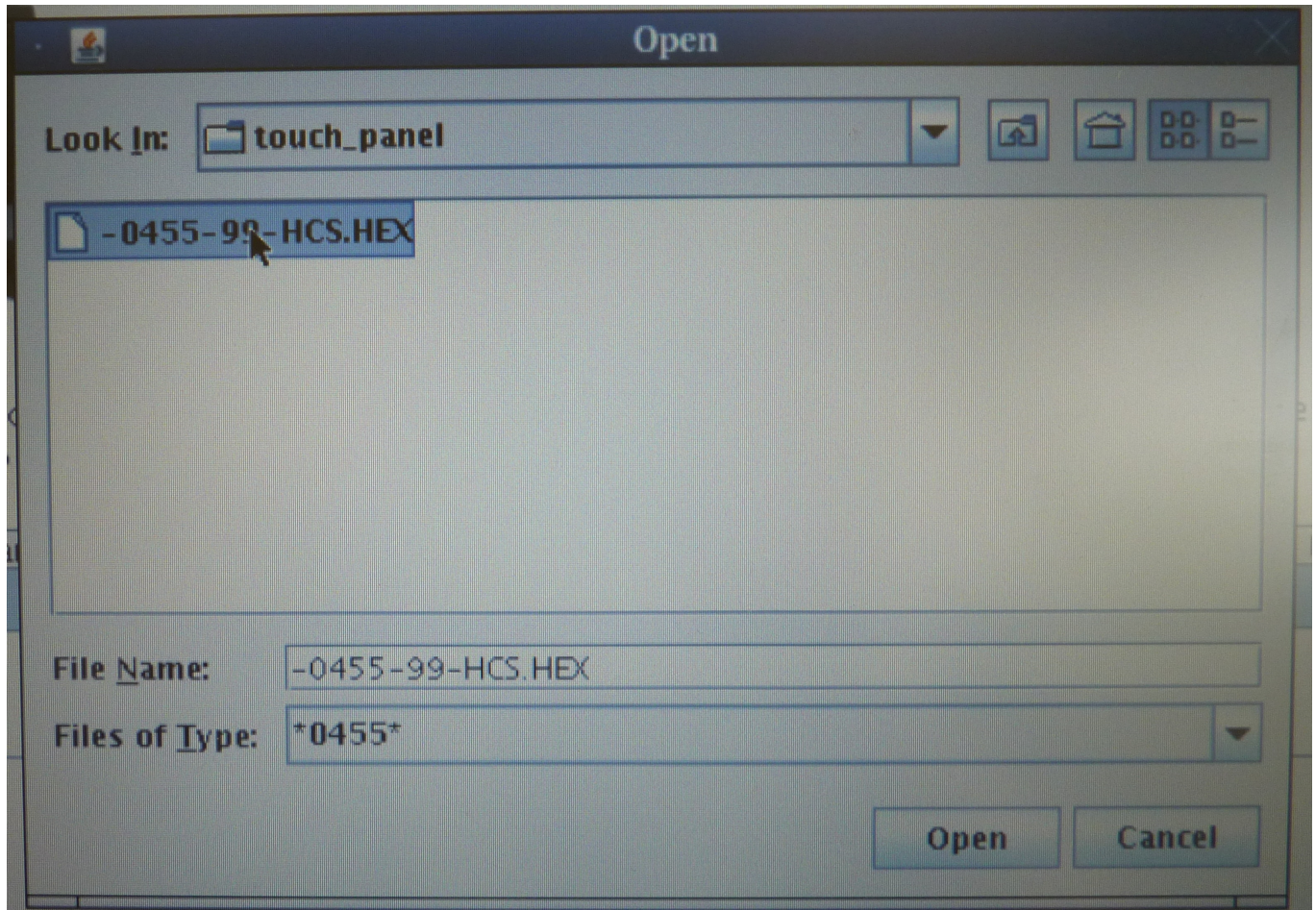


1.7. The following screen will show the current firmware in the system. Click on “Browse”.

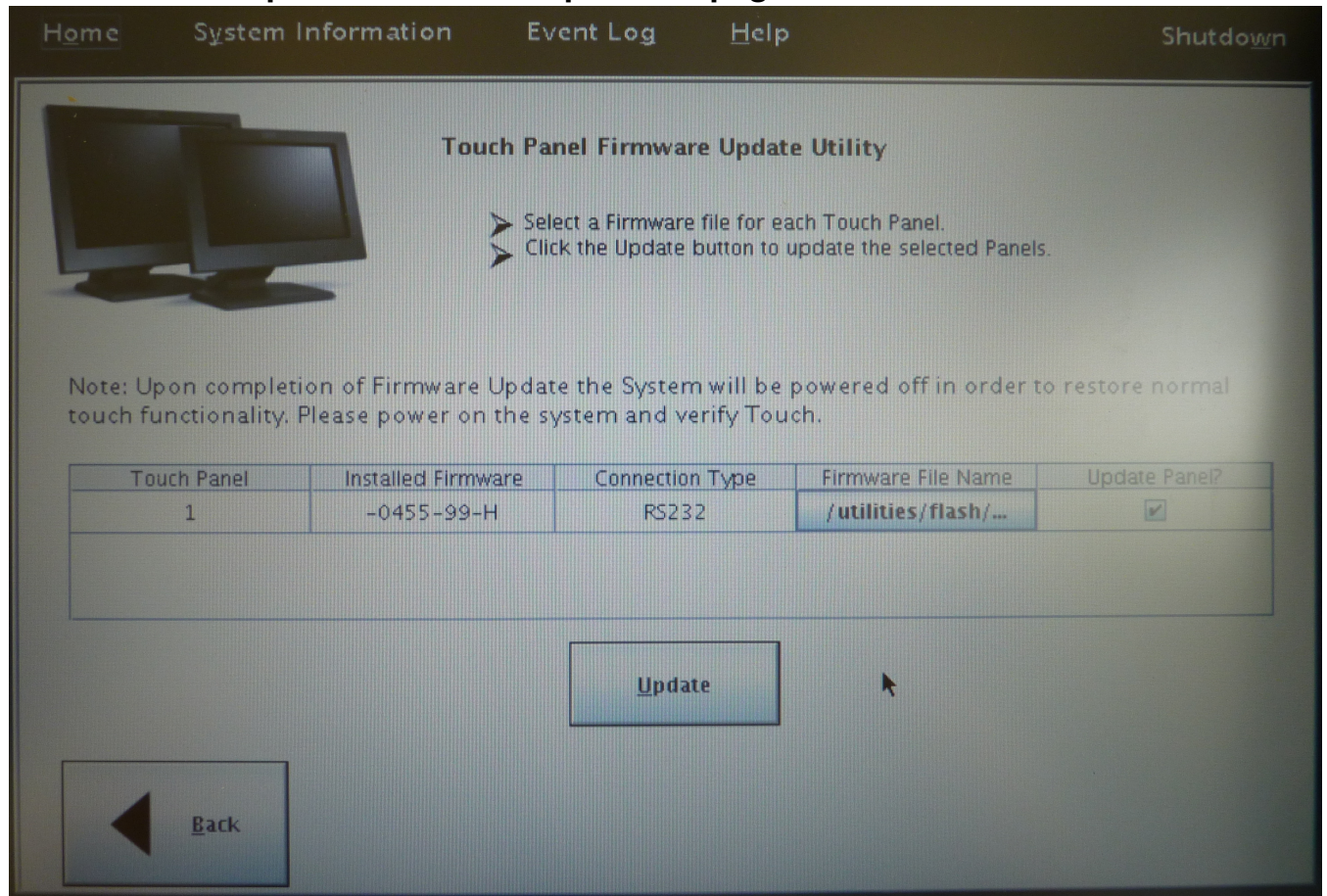


1.8. The open file dialog box will appear.

Choose “-0455-99-HCS.HEX” and click “Open”.



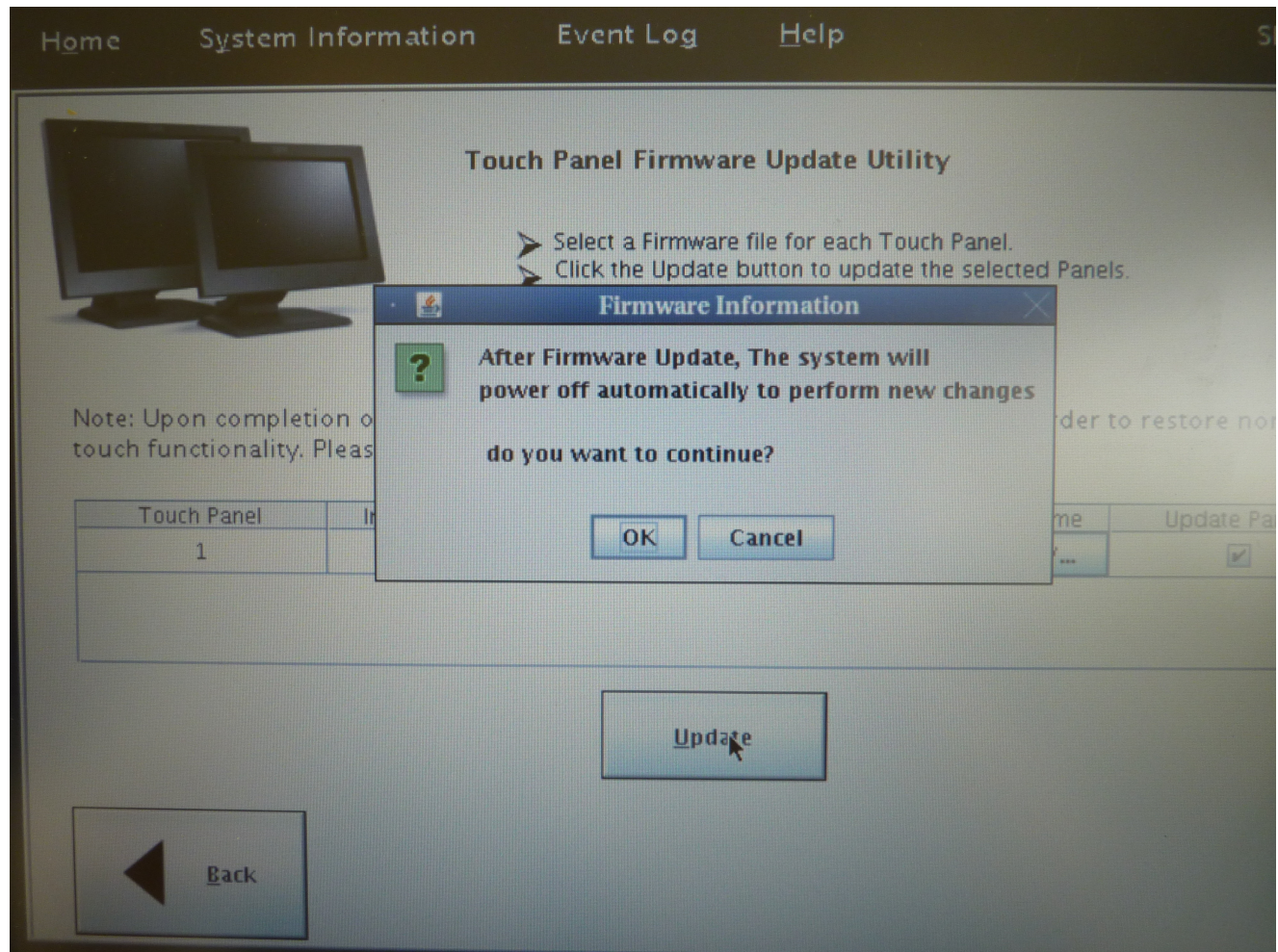
1.9. You will be presented with the previous page as follows.



Click "Update".

The firmware filename in the above picture is for reference only. Please use the correct firmware file to update the systems.

The following dialog box will appear.



Click "OK" to continue.

1.10. Upon completion of the firmware update, the following dialog box will appear and the system will shutdown automatically.

