



VIA Labs, Inc.

USB3 Hub FW Upgrade Tool User Guide

Version 1.0
December 15, 2010



VIA Labs, Inc.

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1.1.2. Program Description

USB3 Hub FW Upgrade Tool is a Windows utility that upgrades the firmware used by the VL810 Super Speed USB Hub Controller. This utility is designed to work with stand-alone hubs as well as integrated hubs, up to two levels from the host controller’s root hub. For example, HOST → VL810 HUB and HOST → VL810 HUB → VL810 HUB configurations are supported.

SYSTEM REQUIREMENTS:

Microsoft Windows XP, Vista, 7

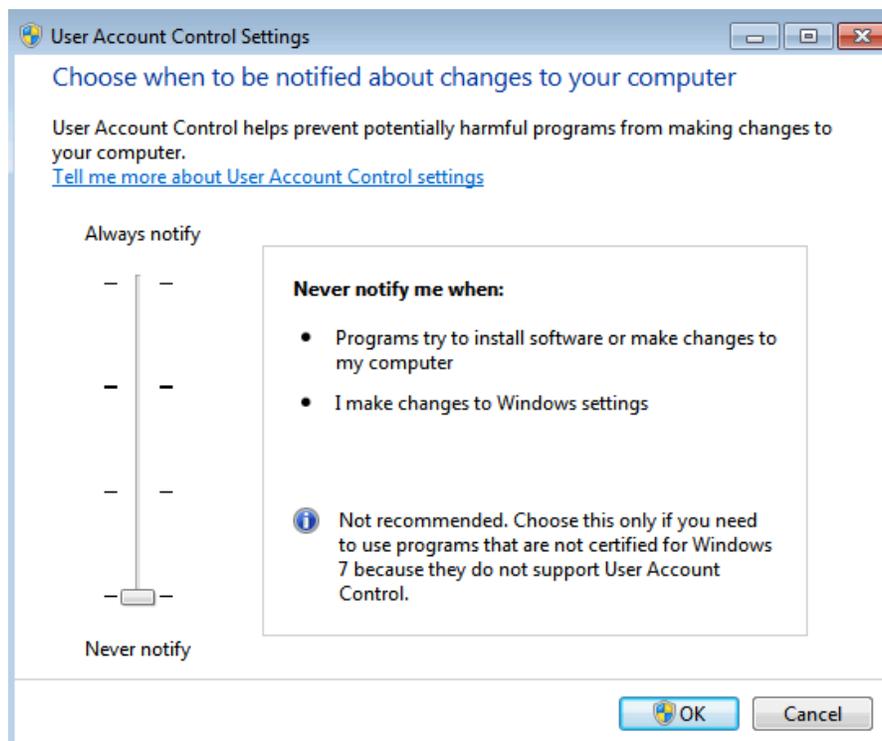
Only 32-bit versions are supported at this time. You must be logged in as an Administrator to install and run USB3 Hub FW Upgrade Tool.

USB 3.0

The system must have a USB 3.0 host controller and the appropriate drivers installed. The hub(s) you wish to update must be connected to the USB 3.0 host.

1.1 Installation Overview

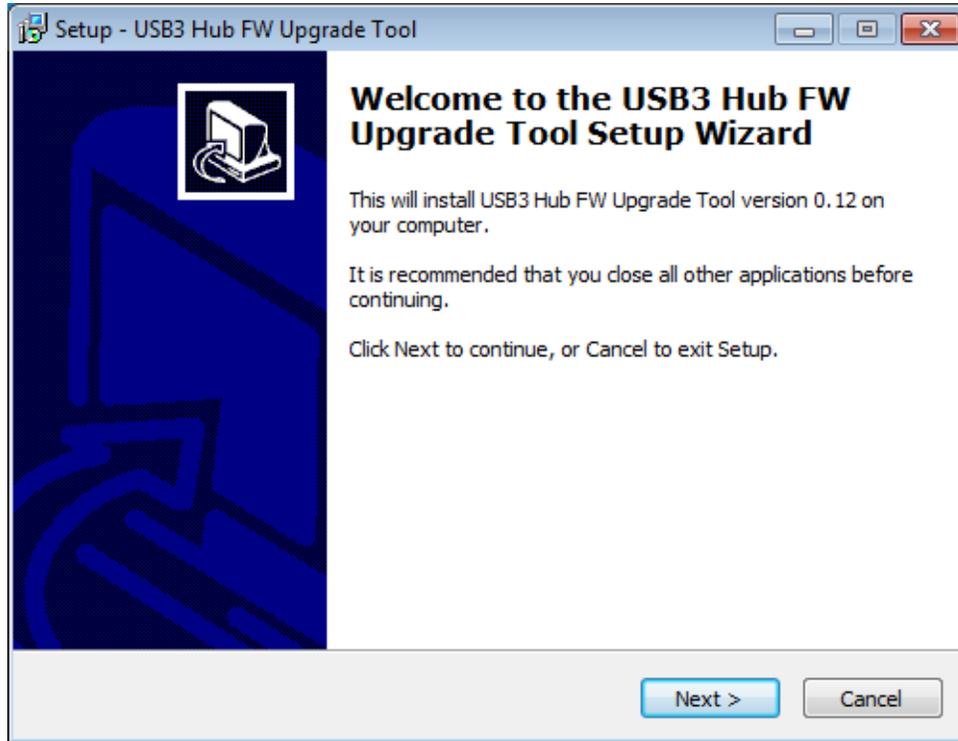
Tip: If you are having issues running USB3 Hub FW Upgrade Tool under Windows Vista/Windows 7, try turning User Account Control Settings to “Never Notify.” UAC may interfere with legitimate operation.



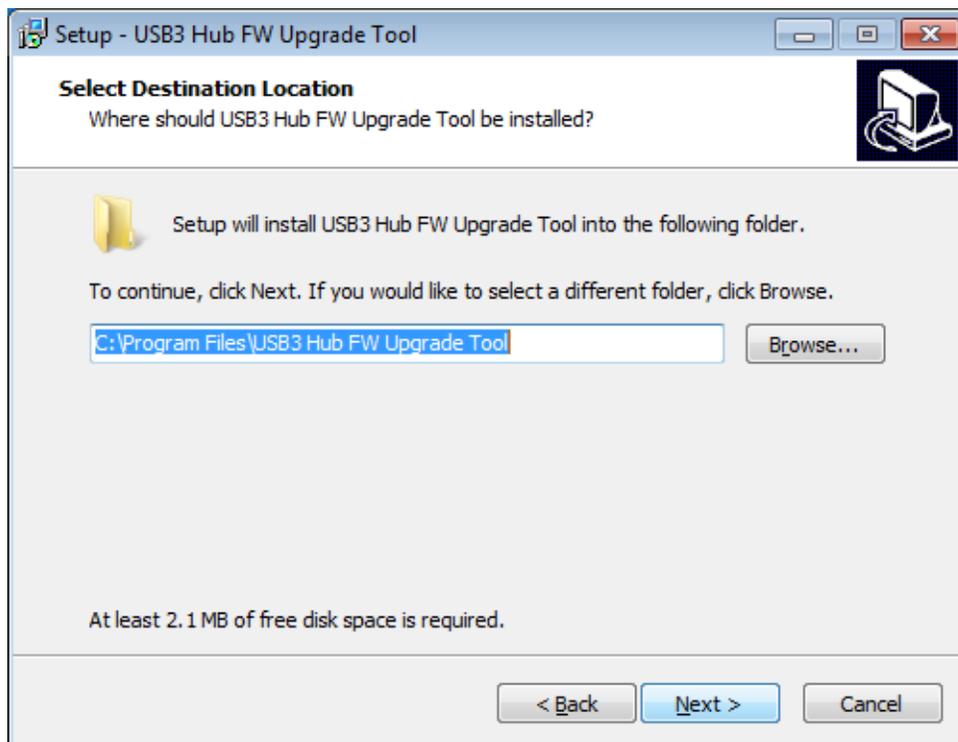


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Step1 : Run USB3 Hub FW Upgrade Tool to start the installation process.



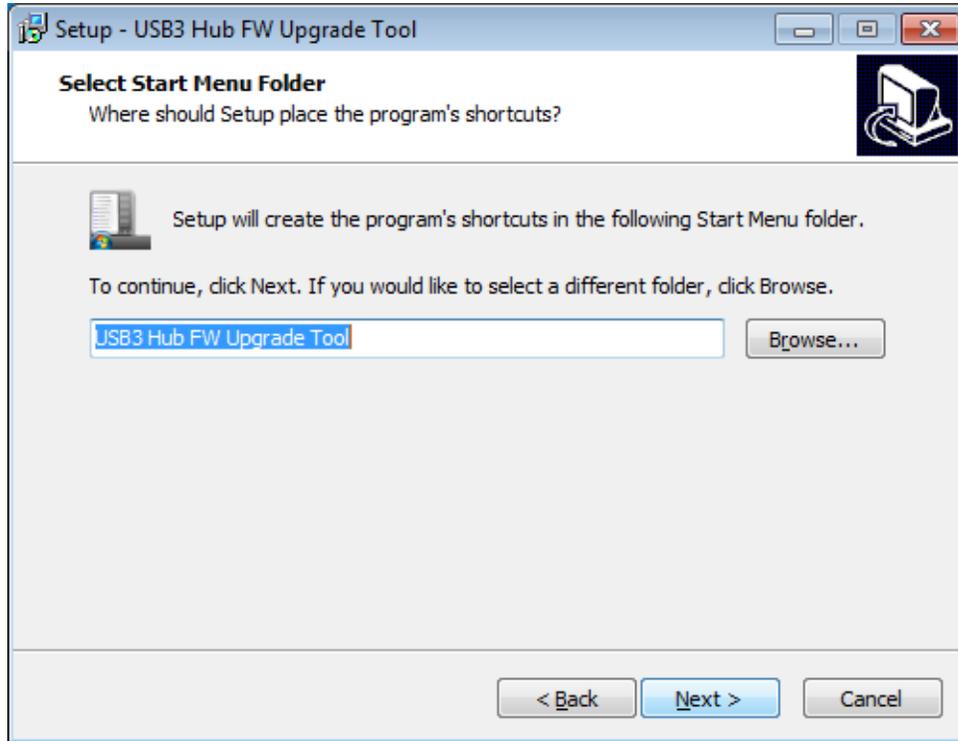
Step2 : Specify the Destination Folder and click "Next"



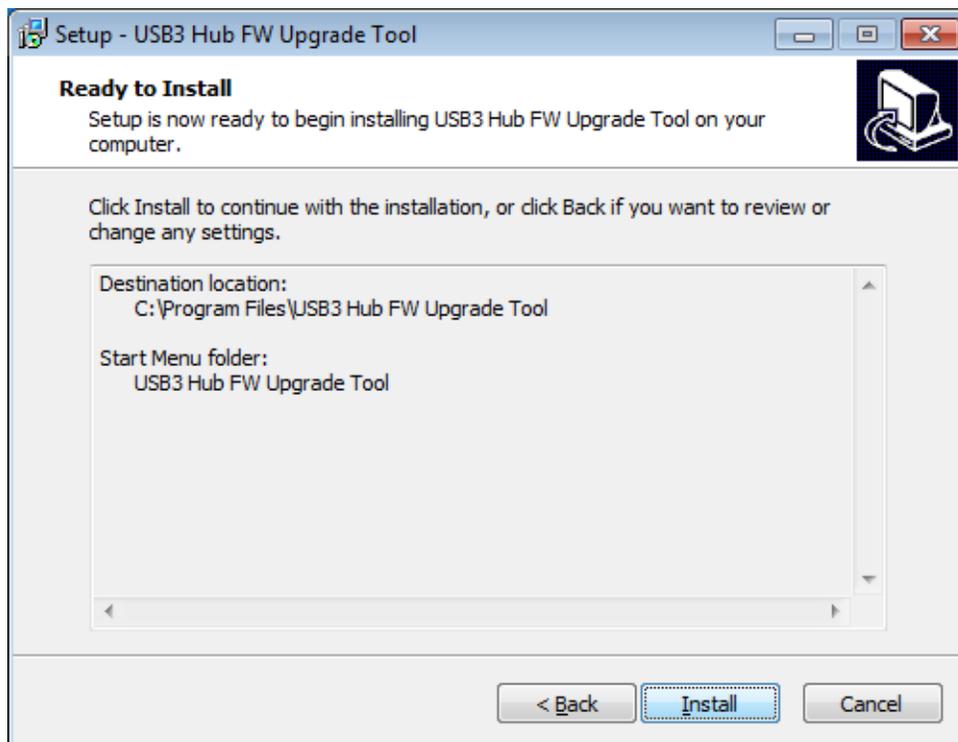


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Step3 : Select the Start Menu Folder where the program shortcuts will be placed, and click “Next”



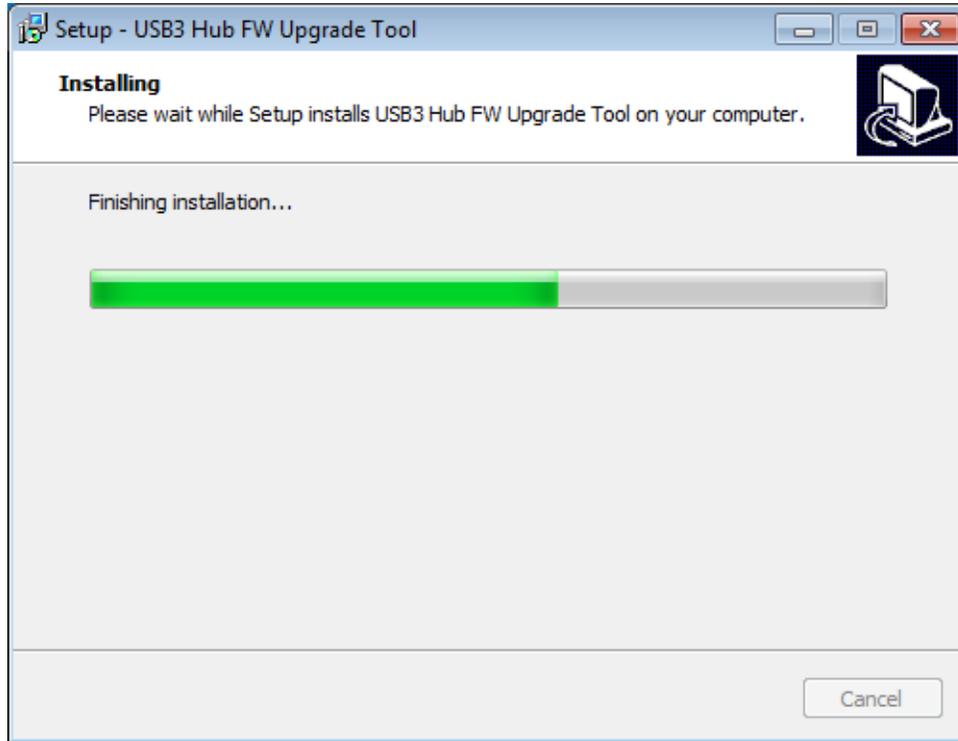
Step4 : Confirm Installation Options and click “Install”



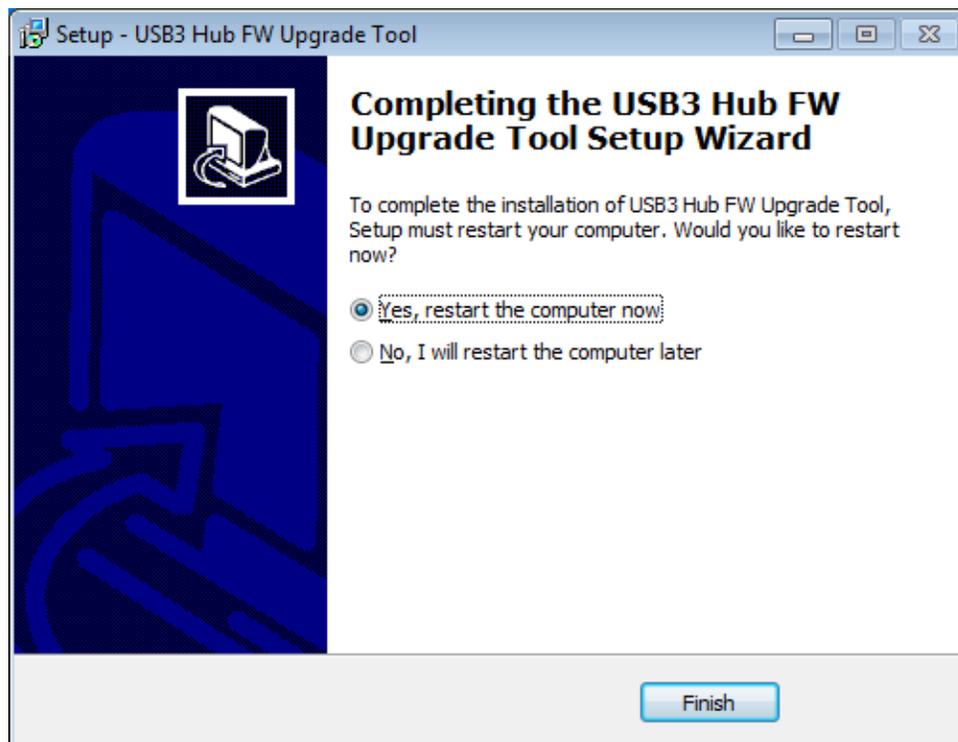


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Step5 : Please wait for the Installer to finish. This should only take a few moments.



Step6 : The computer **MUST BE RESTARTED** before using the tool. Click "Finish" to exit.

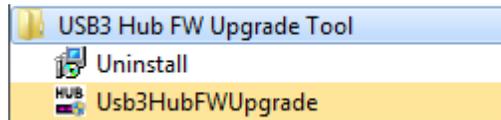




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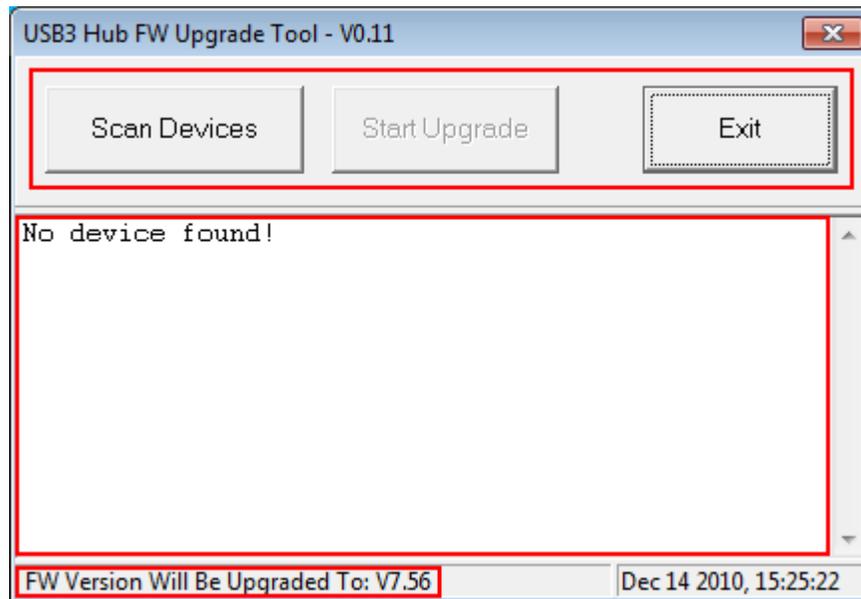
2.0 Using USB3 Hub FW Upgrade Tool

You can start “USB3 Hub FW Upgrade” from the Start Menu. Once opened, the Main Window will appear on the Desktop. The program icon looks like this:



2.1. USB3 Hub FW Upgrade Tool Main Window

USB3 Hub FW Upgrade Tool’s Main Window is broken up into three major parts. The three buttons on top give easy access to USB3 Hub FW Upgrade Tool’s primary functions. The **Status Area** in the middle gives status updates and lists connected devices. The **Version Area** on the bottom displays the firmware version USB3 Hub FW Upgrade Tool is using to update the connected VL810-based Hubs.

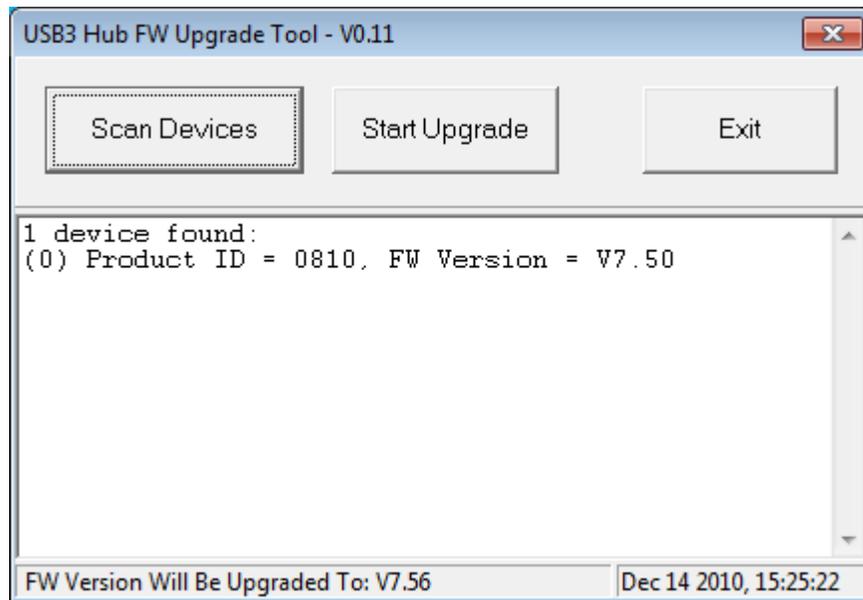




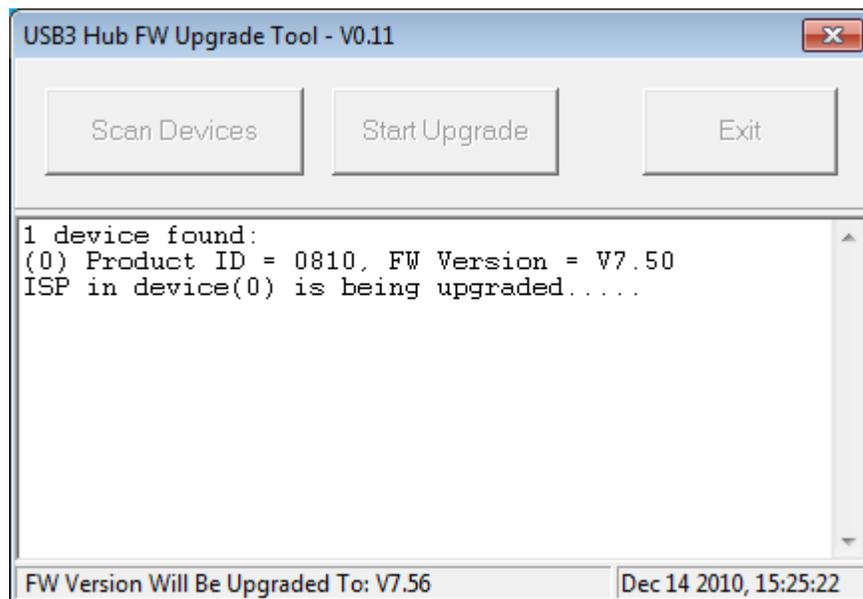
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2.1.1. Upgrading Hub Firmware

To start the upgrade process, begin by plugging the VL810-based USB 3.0 Hub to the computer’s USB 3.0 port. If the hub is not initially detected, press “Scan Devices.” All Detected Hubs and their respective firmware versions should be listed in the status area. In this example, the connected Hub has FW Version 7.50 and USB3 Hub FW Upgrade Tool will upgrade it from 7.50 to 7.56



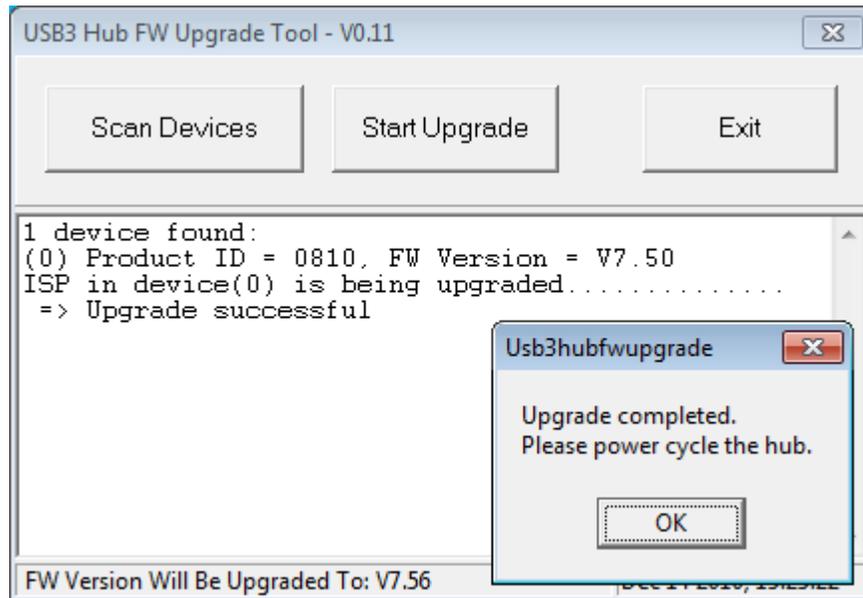
To begin upgrading, click “Start Upgrade.” Once initiated, DO NOT interrupt the upgrade process!





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Once the Upgrade process is finished, USB3 Hub FW Upgrade Tool will display “Upgrade successful.” Please power cycle the hub to begin using the new firmware.



After the hub is power cycled, the current firmware version can be verified by clicking “Scan Devices.”

