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# Upgrading OGCP-9000 Control Panel Firmware

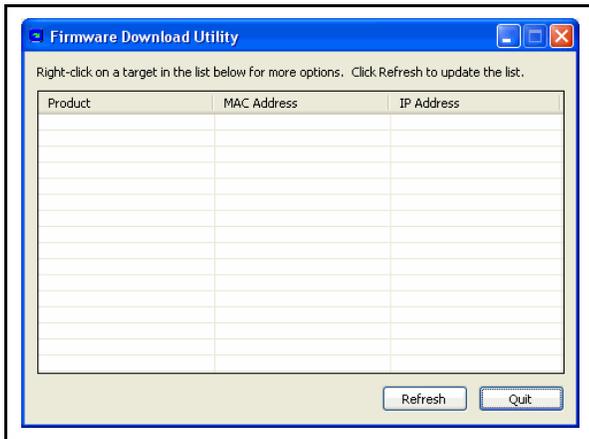
The latest firmware for your OGCP-9000 Remote Control Panel can be downloaded from the Cobalt>Support>Firmware web page. This page provides a link for the latest firmware, along with release notes describing the significant improvements or functions offered with the latest firmware.

## Checking Your Firmware Version

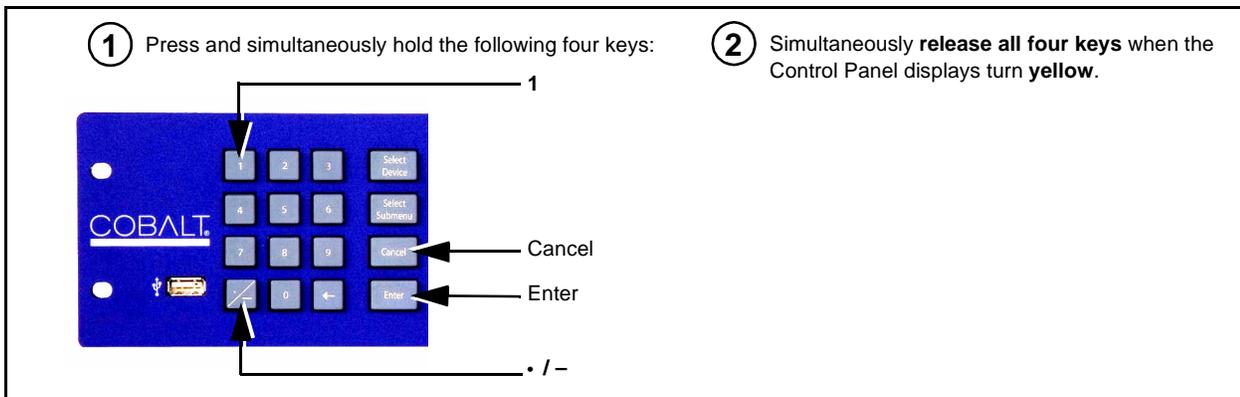
1. On your Control Panel, check the following menus and submenus:
  - **Select Device > 0. This Control Panel**
  - **Select Submenu > 10. System Information**
2. Check the **Processor Version** displayed. If it is other than the version listed on our firmware page, you can upgrade your Control Panel by downloading the firmware to your computer and then uploading it to your Control Panel as described here.

## Installing a Firmware Upgrade to Your Control Panel

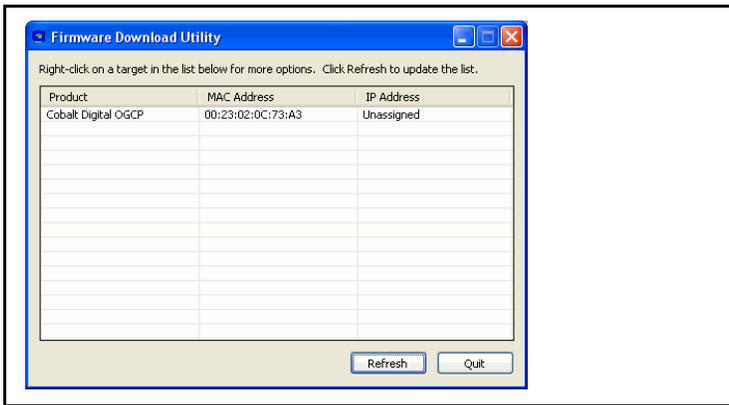
1. From the Cobalt>Support>Firmware web page, download the OGCP-9000 firmware (.zip file) to a convenient location on your computer. When copied, unzip the download.
2. Double-click on the Firmware Download Utility (FDU.exe) program. The Firmware Download Utility opens as shown below.



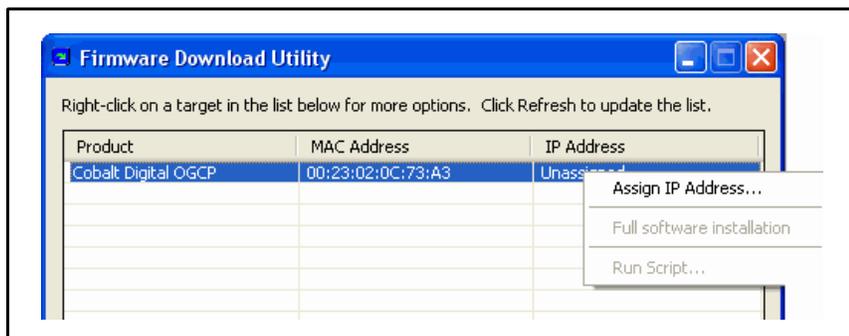
3. Reset the Control Panel to accept the Firmware Download as shown below. When reset occurs, both displays will turn yellow. **Release all keys when the displays turn yellow.**



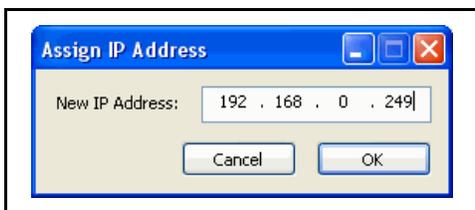
4. The Control Panel now appears in the Firmware Download Utility (shown below). If the screen shows all blank entries, click **Refresh**.



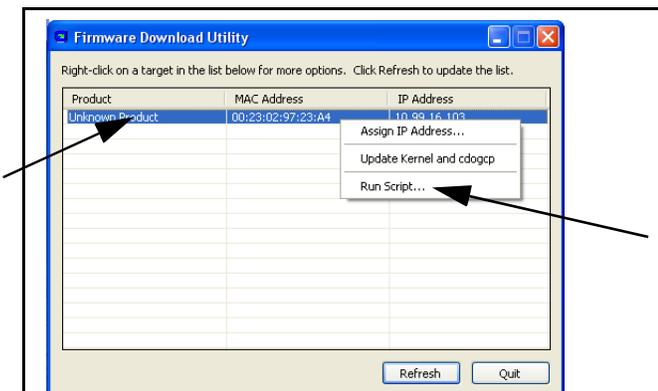
5. If the IP Address field displays “Unassigned”, do the following:
- 5.1 Right-click on **Unassigned** in the IP Address column and select **Assign IP Address...**



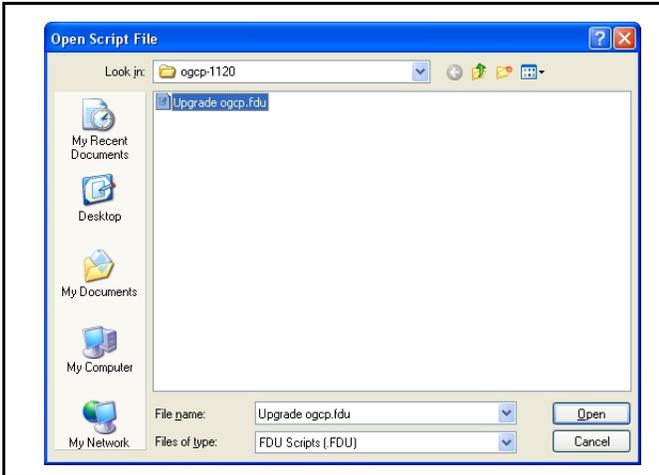
- 5.2 Enter the IP address of the Control Panel in the screen shown below (“192.168.0.249” in this example) and click **OK**.



6. Right-click on the line corresponding to the Control Panel (shown below) and select **Run Script**.



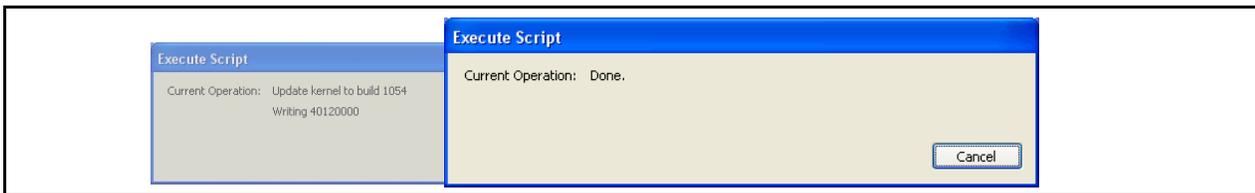
7. Populate the File name field by selecting the **Upgrade ogcp.fdu** file, then click **OK**.



**Note:** The download can take approximately 10 minutes to complete. Do not interrupt the process until complete. If the process is interrupted, it will be necessary to repeat this procedure.

8. The download utility proceeds with the install, as shown by the **Execute Script** screen. Wait for the download to complete.

When the download has completed, the screen shown below is displayed. At this point, the Control Panel will restart and display its settings that were displayed prior to performing this procedure. (If Control Panel does not automatically restart, it can be manually power-cycled.)

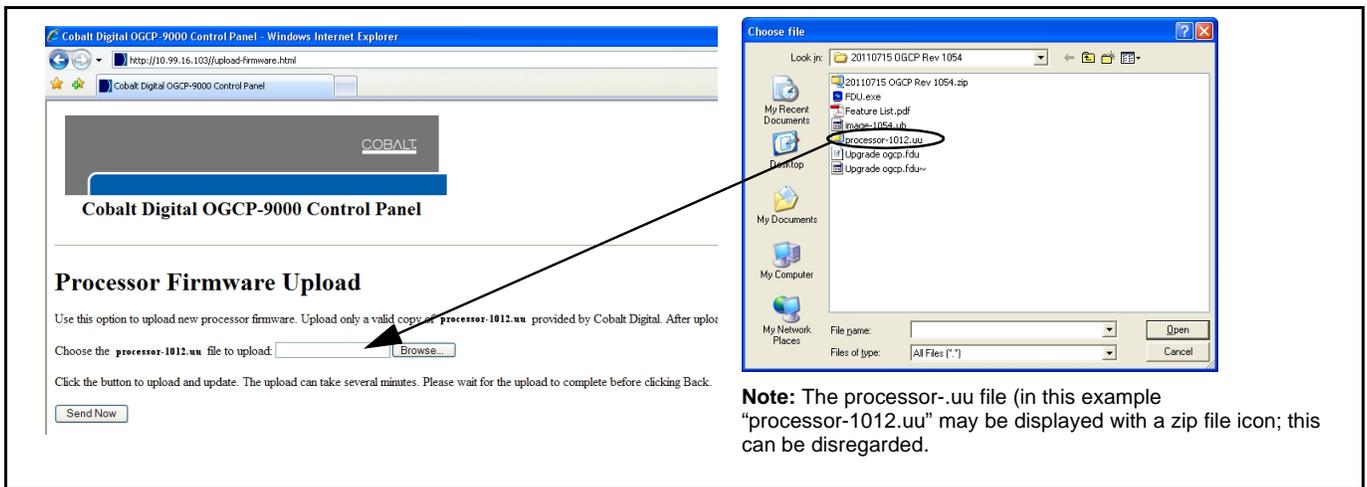


9. Depending on the processor version firmware installed on your Control Panel, the upgrade may also prompt for a processor upgrade. This is noted as follows:
- If your Control Panel restarted and displayed its normal screens, processor upgrade is not required. The download is now complete. Close any programs related to the download utility.
  - If the Control Panel displays a **Processor Upgrade Utility**, upgrade to the latest processor firmware (also contained in the upgrade package that was downloaded on your computer) as described below.

9.1 Open an internet browser and go to the Control Panel IP address. In the browser, select **Processor Firmware Upload**.



9.2 In the **Processor Firmware Upload** screen, click **Browse** and browse to the **processor-.uu** file (this file is part of the unzipped download).



9.3 With the processor-.uu file selected, click **Send Now**. Wait while the file installs.

9.4 When prompted, power-cycle the Control Panel. Upon power-up, the Control Panel will be ready for use.