



Go!Control Firmware Update Tool (for PC)

Installation and Operation Quick Start

May 1, 2012

Overview

This document provides instructions for using the Firmware Update Tool to update a Go!Control panel 1.5 and above to the latest firmware version.

- The Firmware Update Tool will not alter the system configuration or the user configuration of the panel.
- All TS1 keypads paired with the Go!Control panel to be updated **must also be updated** to the matching firmware version.
 - The TS1 Firmware Update Tool and instructions are posted on the 2GIG dealer web site at www.2GIG.com.

Requirements

- User must have working knowledge of installing drivers and running applications on a Windows computer.
- PC running Windows XP or later. (Mac OS not supported)
- One available USB port. (USB V1.1 or later)
- Firmware Update Cable 2GIG-UPCBL1-CP. (UPC code: 817082010229)
- Firmware Update Tool (for PC). (Downloads available on the 2GIG Dealer website at www.2gig.com)
- Go!Control Panel running firmware version 1.5 and above.

Installing the Update Tool

Confirm the following before installing the Firmware Update Tool for PC:

- Make sure the Firmware Update Cable is **not** plugged into the PC.
 - The Firmware Update Tool software should be installed on the PC **before** the cable is plugged into the PC.
- Make sure the Firmware Update Cable is **not** plugged into the Go!Control Panel.

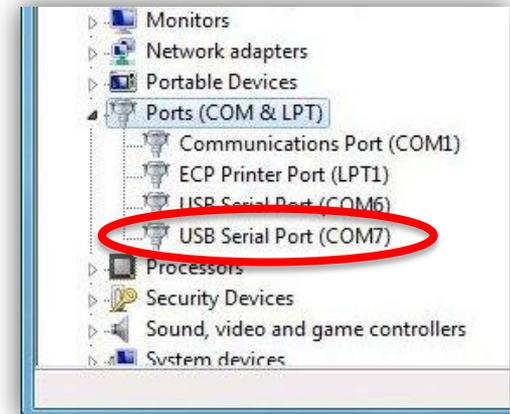
Installing the Update Tool - Step 1

- Unzip the Firmware Update Tool zip file.
Download the appropriate version and language file from the 2GIG Dealer website at www.2gig.com.
- Locate the file *CDM20814_Setup.exe*, it will be located in the folder where the zip file was extracted.
- Run the *CDM20814_Setup.exe* file to install the Firmware Update Cable drivers.

Note: This step (Installing the Update Tool - Step 1) can be skipped if you have previously installed the driver on the computer.

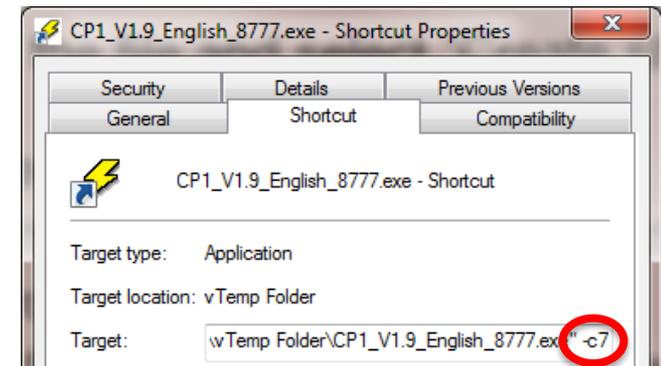
Installing the Update Tool - Step 2

- Open the Device Manager.
 - Click the Windows Start Menu.
 - Type “device manager” in the text box.
 - Select Device Manager from the search results.
- Expand the Ports (COM & LPT) section.
 - Make note of the COM ports currently assigned.
- Plug the Firmware Update Cable into the PC.
 - Wait for the driver to install completely and a new “USB Serial Port (COMX) device to appear.
- Make note of the COM port number assigned to the Firmware Update Cable.



Installing the Update Tool - Step 3

- Locate the CP1 file, it will be located in the same folder as the *CDM20814_Setup.exe* file, the folder where the zip file was extracted.
- Right click on the file and select “Create shortcut” from the menu.
- Edit the Properties for the shortcut file.
 - Right click the shortcut file you just created.
 - Choose “Properties” from the menu.
 - Edit Target field by adding a “ -Cx” to the end.
 - After the last quotation mark add a space, minus, the letter C, followed by the COM port number x. Where x is the COM port number determined in the previous step number 2.
 - Click OK on the Properties menu.



You can rename the Shortcut and move it to the desktop, to a folder, or other location to provide easy access to launch the tool.

Updating Panel Firmware

Confirm the following before updating Go!Control panel firmware:

- Customer's account must be set to TEST with central station.
- Go!Control panel to be updated must have **Version 1.5** or higher.
The following page shows how to check the firmware version.

Firmware Update Tool (for PC)

Check the firmware version



SECURITY



MENU



TOOLBOX



RIGHT ARROW



VERSION



Note

Only versions 1.5 and above are supported by this update. *If you try to update unsupported software versions, you can cause the panel to be unusable.*

Updating panel firmware - Step 1

- Remove the screw from the top of the panel and open the panel.
- Hang the panel from the back plate using the 'third hand' strap.



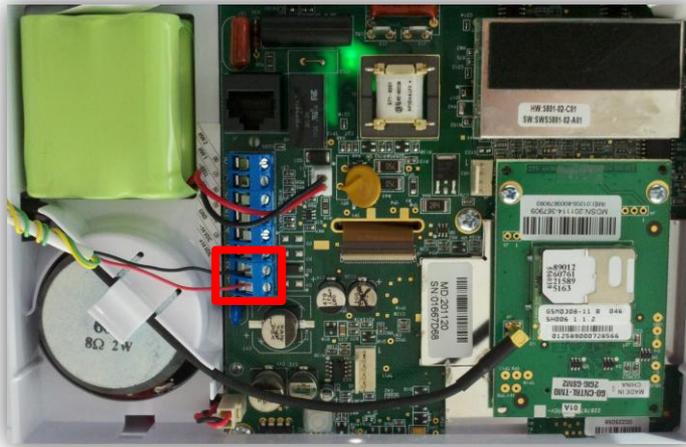
Updating panel firmware - Step 2

- Disconnect the battery from the panel.



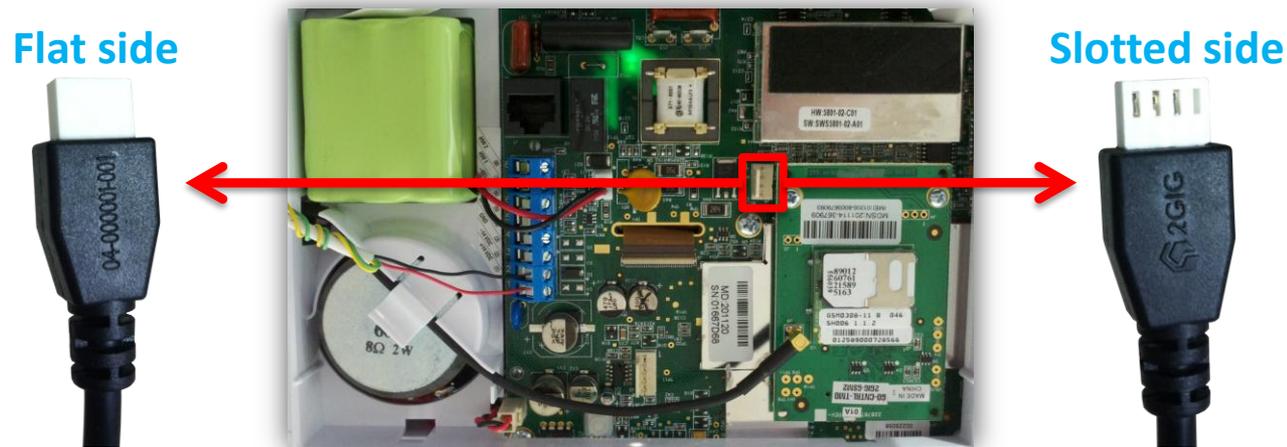
Updating panel firmware - Step 3

- Disconnect power from the panel.
 - Unplug the panel power supply from the wall outlet.
 - Or
 - Disconnect the power supply from TB 1 and 2 on the panel terminal block.



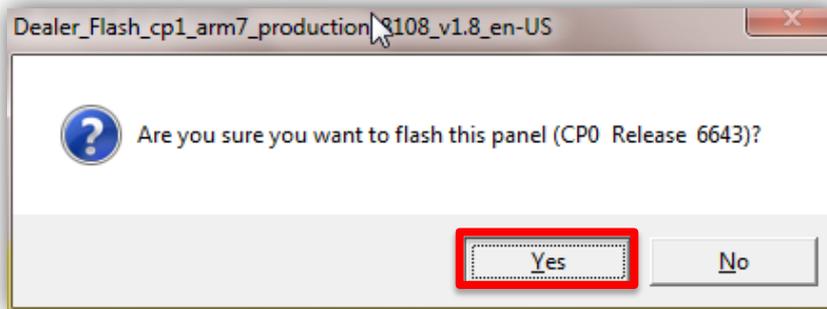
Updating panel firmware - Step 5

- Connect the firmware update cable to the panel.
 - Connect the cable to the Go!Control J4 connector on the panel.
 - Make sure that the slotted side of the connector is facing away from the tab on the J4 connector, failure to do so may result in damage to the panel.
 - Make sure all of the pins are covered by the connector, failure to do so may result in damage to the panel.

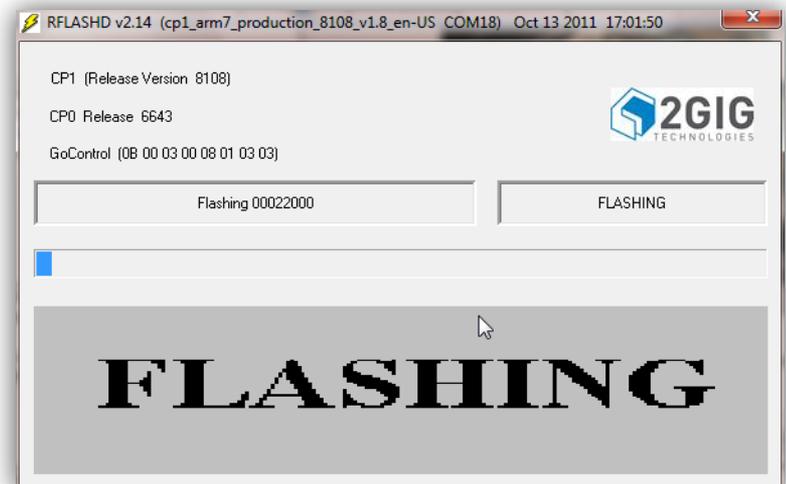


Updating panel firmware - Step 6

- Apply power to the panel.
 - Re-connect the battery (which was disconnected in Step 2).
 - Re-connect power to the panel (which was disconnected in Step 3).
- The Update Tool software may ask if you want to flash the panel.
 - Click the 'Yes' button.

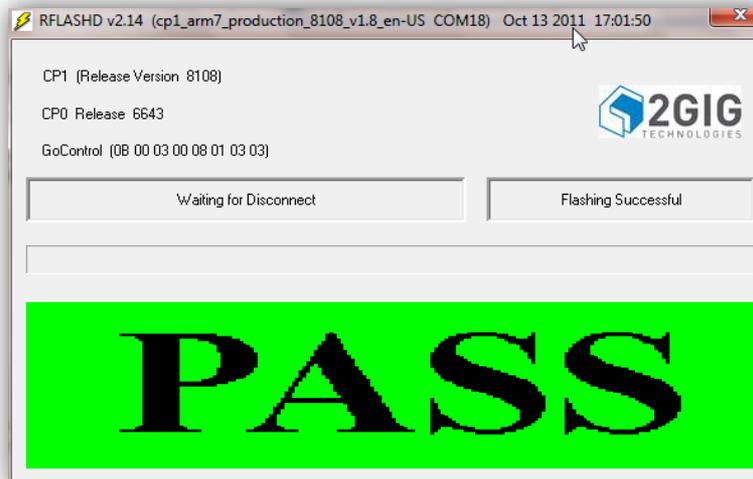


The screen should indicate progress.



Updating panel firmware - Step 7

- The update will take about 5 minutes.
- **Do not** disconnect the cable, the power to the panel, or close the Firmware Update tool until flashing has completed.
- On successful completion of flashing the panel, a “Pass” indication will be displayed.



Updating panel firmware - Step 8

- Power down the panel.
 - Disconnect the battery (as explained in Step 2).
 - Disconnect power to the panel (as explained in Step 3).
- Remove the programming cable from the panel.
- Re-apply power to the panel.
 - Re-connect the battery.
 - Re-connect power to the panel.
- Close the panel and replace the screw on the top of the panel.

Wrap up Process

Confirm the following after updating the Go!Control panel firmware.

- Check the firmware version as previous described.
- Arm the panel and test the zones to make sure the panel communicates.
- Move the customer's account out of TEST with central station.

2GIG Technical Support

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