



Camera and Encoder Firmware Update Procedure

This document is a guide for updating the firmware in e-Watch cameras and encoders.

Requirements

- SiteWatch™ software version 3.1 or higher
- Firmware file (this file is named **EW.x.x.x.ROM** and is included on the SiteWatch installation CD in the folder <root>:\installed files\server\firmware)

Setup

1. Install the SiteWatch™ Situational Awareness software, if not already installed.
2. Verify that the e-Watch service is running.
3. Obtain the firmware file, either from the SiteWatch installation CD or by downloading the firmware file from the e-Watch website at <http://www.e-watch.com>. Copy the file into the SiteWatch firmware folder C:\e-watch\firmware.
4. From the server desktop, execute the e-Watch Server App. Change the Registry entry "FirmwareVersion" to match the name of the firmware file. For example, if the firmware file is named EW.3.3.0.4.rom, enter FirmwareVersion 3.3.0.4. Verify that FirmwareAutoUpdate and TFTPServerEnable are set to "true".
5. Stop and restart the e-Watch Service.
6. The e-Watch Service will push the the new firmware to all cameras that are connected to the server. If any cameras do not accept the new firmware, it may be necessary to update the fimware using the Firmware App.

Updating Firmware Using The Firmware App

1. Run the e-Watch **Firmware App** program from the e-Watch programs menu.
2. Enter the IP address of the e-Watch server in the "e-Watch Server" box.
3. Enter the IP address of the e-Watch server in the "TFTP Server" box.
4. Enter the firmware version in the "Firmware Version" box, for example, 3.3.0.4.
5. Check the box next to each camera to update, or click the **Check All** button.
6. Click the **Download** button.
7. The program will display "OK" next to each camera successfully updated.

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