Update Instructions

The PRO3-series of matrixes can only be updated through the webGUI.

Needed items (webGUI):
- New firmware - Downloaded from atlona.com
- IP address of the matrix
- Computer on the same network as the matrix
- Username and password to access the webGUI of the matrix

IMPORTANT: Atlona recommends using only Mozilla Firefox or Internet Explorer when upgrading the firmware, due to incompatibilities with other browsers i.e. Google Chrome.

Updating

1. Verify that an Ethernet cable is connected between the matrix and the network.
2. Type the IP address of the matrix into a web browser, as shown in the example below.

NOTE: Computer must be on the same network as the matrix to access through IP.

IMPORTANT: If any stability issues are experienced, disable any anti-virus or firewall that may be interfering with network communication to the matrix. Once set up is done and the webGUI is no longer being used, the firewall and anti-virus can be re-enabled. For assistance, refer to the Support section on www.atlona.com and search for article KB01141.

3. The login screen will be displayed. Login using the username and password. The default login credentials are:

   Username: root
   Password: Atlona

   IMPORTANT: Before updating the firmware, perform steps 4 - 6 to save the system settings to a file. Note that if the **UI Firmware** field displays version 1.6.03 (or lower), then the settings file will not be able to be read by version 16 firmware, or higher. In this case, take screenshots of each page in order to save the information.

4. Click **Status** on the left side of the screen.

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Click the **Save System Settings** button.

5. The **Save As** dialog box will be displayed. Select the folder where the file will be saved. The default name of the file is download.json. Click the **Save** button to save the file.

7. Click **Firmware**, on the left side of the screen.

The firmware page displays the matrix, HDBaseT transmitter chips, and HDBaseT receivers firmware versions to make it easier to see what needs to be updated.

8. Click the Matrix File **Choose File** button, to select each firmware file. Select and upload each file in the following order:
   a. ATLMtxFWpack_PRO3_FPHD.pkg
   b. ATLMtxFWpack_PRO3_FPGA.pkg
   c. ATLMtxFWpack_PRO3-UI.pkg

9. Click the **Update** button. A progress bar will be displayed during the update process.

10. Once the update has processed, relogin to the webGUI.

11. Repeat steps 7 through 10 for each of the three firmware files.

12. After all three files have been updated, use the **Reset Now** button on the **Control** page to complete the upgrade progress and reset the matrix to factory-default settings.

13. If a system settings file was saved, in Step 6, click the **Status** link, select the settings file, click the **Choose File** button, then click the **Load** button.

Valens Firmware Update (Optional Update)

The Valens firmware update procedure is optional and is only required if HDBaseT monitoring is required.

NOTE: Updating the Valens firmware can take up to 25 minutes.

1. Follow steps 1 through 7, beginning on the first page of this guide.
2. Select the Valens firmware file. There are two files required for the Valens update. It is recommended that the files be uploaded, one at a time, in the following order:

   1. ATLMtxFWpack_7-Jul-17_VS010_4.pkg
   2. ATLMtxFWpack_7-Jul-17_VS100_5.pkg

3. To verify that whether or not a Valens update has taken place, click **Firmware**, in the web GUI, and read the information displayed under **Firmware Status** > **Matrix**:

with Valens update

Matrix	
UI Firmware	16.0.06
HDMI	1.1.0
FP	1.7.7
FPGA Version	1.0
HDBaseT TX VS100	13136110
HDBaseT TX VS10	23136110

without Valens update

Matrix	
UI Firmware	16.0.06
HDMI	1.1.0
FP	1.7.7
FPGA Version	1.0
HDBaseT TX VS100	13092110
HDBaseT TX VS10	23092110