
Tech Note 040120_01

Date: April 01, 2020
Product: M3 & Aperio Platforms
Subject: Software and Firmware Upgrade Procedure

Contact Technical Support for upgrading Controllers with Firmware prior to 2.4.5 at techsupport@brtint.com or call 1-800-241-9173. Follow steps 1-6 below to verify Firmware Version.

For current Firmware and BRT Essentials visit www.BRTint.com/downloads.html.

Do you have an existing system file? **Yes**. Then please use the following steps:

1. Open the latest software release.
2. Click **File**, then **Open System** and select existing system.
3. Click **File**, then **Connect**.
4. Click **Configure**, then **Retrieve Settings**.
5. Click **File**, then **Save As**.
6. On the Network/Physical Tree select the Controller being upgraded.
7. Expand **General Settings**.
8. Verify the current Firmware Version. The first 3 digits of the BRT_fw indicate the version. Example: BRT_fw_1.4.0_130821.brtfw. The version is 1.4.0.
9. If you are unable to successfully retrieve settings, please Contact Technical Support for assistance.
10. Click **Tools**, then **Load Controller**.
11. Navigate to the latest version of Firmware.
12. Select the Firmware and click **Open**.
13. Once **Load Controller** is completed, reconnect and verify Firmware Version is updated.
14. Right click on the Controller and **Send Settings**.
15. Repeat the above steps on the remaining Controllers.
16. Click File, then **Save**.

Do you have an existing system file? **No**. Then please use the following steps:

1. Open the latest software release.
2. Click **File**, then **New System**.
3. Right click on **New Router**, then **Add Control Module**.
4. Navigate to the General Settings tab, then select **Control Module Type** that matches physical device.
5. Navigate to BACnet settings, select the **Mac Address** that matches the rotary dials on the board.
6. Click **File**, then **Connect**.
7. Verify the current Firmware Version. The first 3 digits of the BRT_fw indicate the version. Example: BRT_fw_1.4.0_130821.brtfw. The version is 1.4.0.
8. If you are unable to successfully retrieve settings, please Contact Technical Support for assistance.
9. Click **Configure**, then **Retrieve Settings**.
10. Click **File**, then **Save**. Name your file accordingly.
11. Click **Tools**, then **Load Controller**.
12. Navigate to the latest version of Firmware.
13. Select the Firmware and click **Open**.
14. Once **Load Controller** is completed, reconnect and verify Firmware Version is updated.
15. Right click on the Controller and **Send Settings**.
16. Repeat the above steps on the remaining Controllers.
17. Click File, then **Save**.

Note: New release features cannot be used until the Firmware and Essentials system file have been upgraded.