

Updating Firmware on an IQi Controller and IQI Series Tools

Note: If the controller is running an application version earlier than 1.0.0.282, a two-step upgrade is required:

- First upgrade to 1.0.0.282
- Then upgrade to the latest

Note: Please ensure you are updating both the controller and the tool firmware versions.

Note: For versions 1.0.0.299 and above, Motor Brake Optimization must be performed.

1. Turn ON the controller and log in.
2. Check the Application Version of the controller
3. Perform firmware upgrade as required:
 - If the controller is on Application version 1.0.0.282, upgrade directly to 1.0.0.299.
 - If the controller is on Application version earlier than 1.0.0.282, perform a two-step upgrade:
 - Upgrade to 1.0.0.282
 - Upgrade to 1.0.0.299
4. Login to the controller after the upgrade is finished, and the controller has restarted.
5. Navigate to:
System Maintenance → Firmware Upgrade → Update Type → Tool
 - Select file: Tool_20260525.etir
 - Start the firmware update.
6. After the update completes, a message will appear indicating: Motor Brake Optimization is required.
7. Click OK.
8. Hold the tool firmly in Hand or secure using a torque arm.
9. Click Start when ready.
10. The tool will automatically run in forward and reverse directions. (Do NOT press the trigger during this process)
11. Wait until it finishes.
12. Motor Brake Optimization is complete. The tool is now tuned and ready for use.

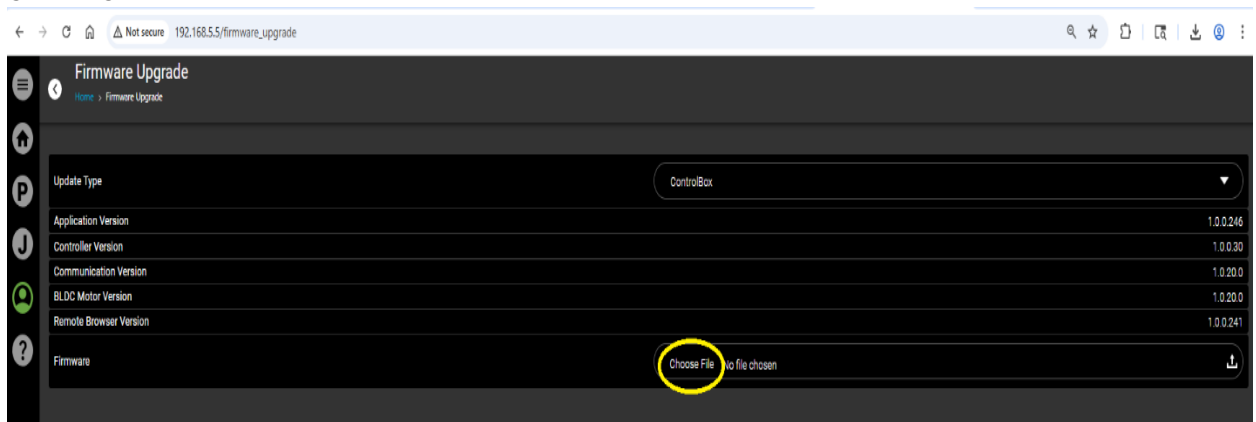
Controller Update (USB)

1. Go to our SendSafely File Repository and download the latest release file to your PC.
 - a. Link:
<https://filesafe.ingersollrand.com/receive/?packageCode=R0xH0I3CZTge7FOI2JUtkroDyiqJLwxfULry0BLVYno#keycode=AFFzeIR6NhkhOTThScIWRyjOe9J-2x9fbcDhTjLCgkk>

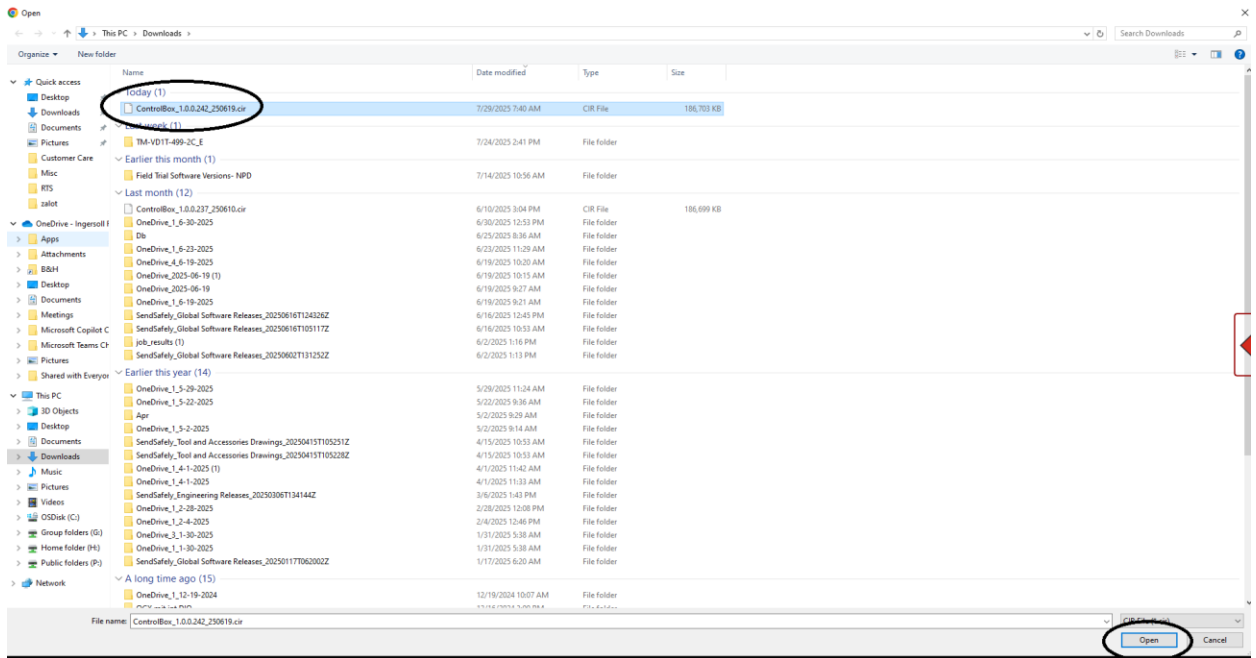
2. Copy the file to a formatted USB drive.
3. Insert the USB drive into one of the USB Ports on the controller.
4. Turn on the controller.
5. Log in.
6. Click on the Hamburger icon.
7. Go to System Maintenance->Firmware Upgrade.
8. From the Drop Down Menu select ControlBox.
9. The Firmware Field will automatically update with the new firmware file.
10. Click on Update.
11. After progress shows 100% the controller will reboot.
12. Log in.
13. Click the Hamburger icon.
14. Click About.
15. Confirm the new firmware version.
16. Remove USB drive.

Controller Update (Web Browser)

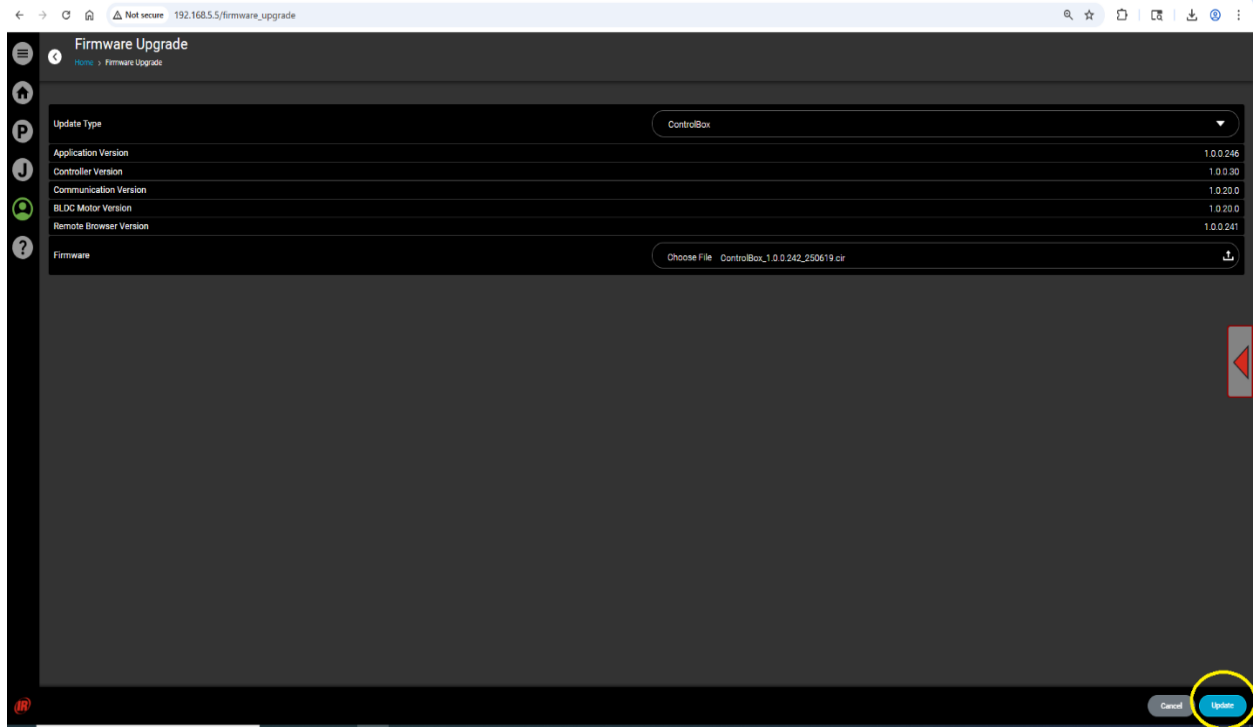
1. Go to our SendSafely File Repository and download the latest release file to your PC.
 - a. Link:
<https://filesafe.ingersollrand.com/receive/?packageCode=R0xH0I3CZTqe7FOI2JUtkroDyiqJLwxfulry0BLVYno#keycode=AFFzeIR6NhkhOTThScIWRyjOe9J-2x9fbcDhTjLCgkk>
2. Turn on the controller.
3. Log in.
4. Click on the Hamburger icon.
5. Go to System Maintenance->Firmware Upgrade.
6. From the Drop Down Menu select ControlBox.
7. Click on Choose File.



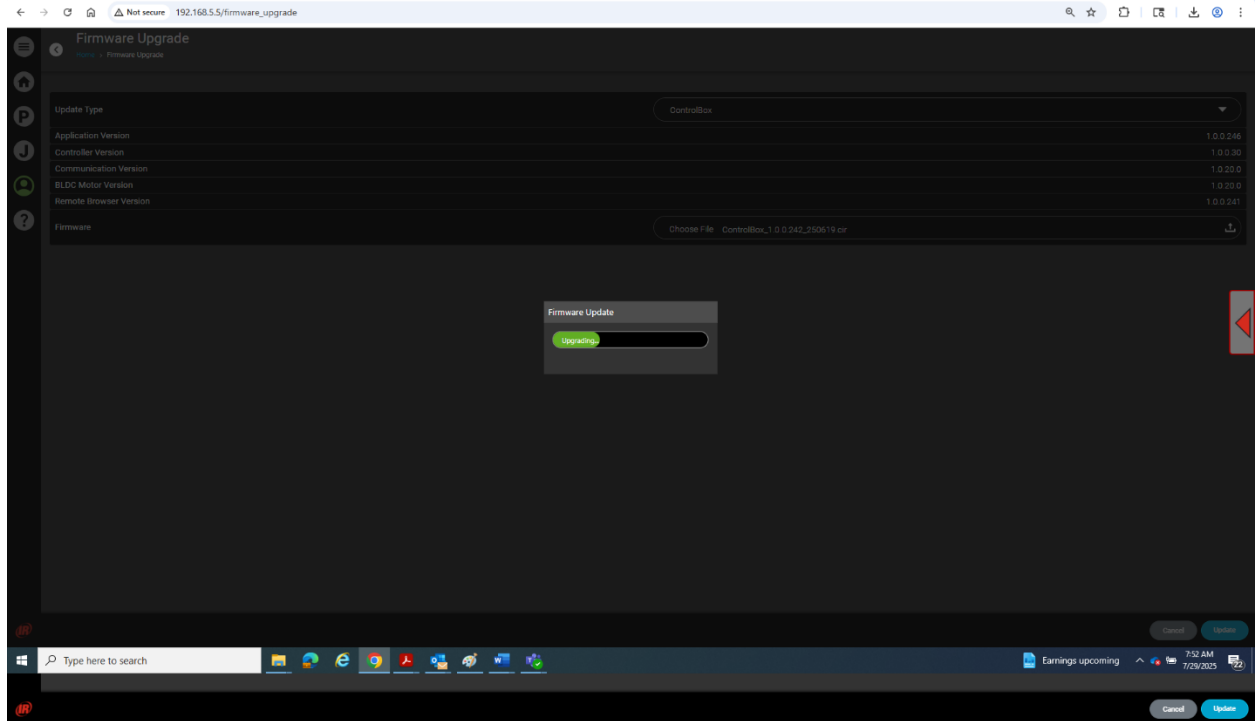
8. Browse to the file location, select the file, and select Open.



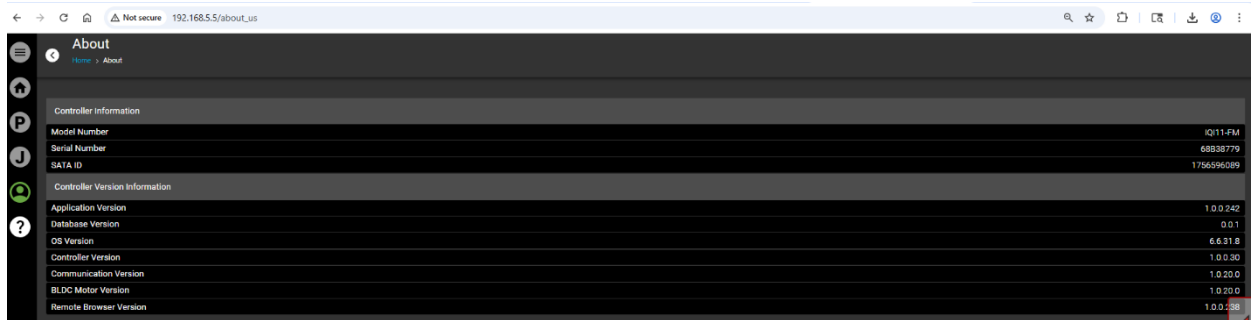
9. Click on the Update button.



10. You will see the Progress Bar.



11. After the Progress Bar shows Complete the controller will reboot.
12. Log in.
13. Click the Hamburger icon.
14. Click About.
15. Confirm the new firmware version.



Tool Update (USB)

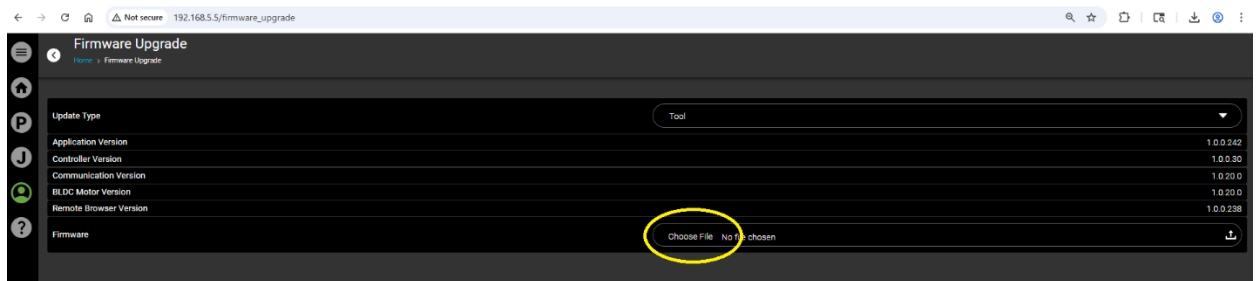
1. Go to our SendSafe File Repository and download the latest release file to your PC.
 - a. Link: <https://filesafe.ingersollrand.com/receive/?packageCode=R0xH0I3CZTge7FOI2JUtkroDyiqJLwxfulry0BLVYno#keycode=AFFzeIR6NhkhOTThSciWRyjOe9J-2x9fbcDhTjLCgkk>
2. Copy the file to a formatted USB drive.
3. Insert the USB drive into one of the USB Ports on the controller.
4. Turn on the controller.
5. Log in.
6. Click on the Hamburger icon.
7. Go to System Maintenance->Firmware Upgrade.
8. From the Drop Down Menu select Tool.
9. The Firmware Field will automatically update with the new firmware file.

10. Click on Update.
11. After progress shows 100% the controller will return to the Home screen.
12. Click on the Hamburger icon.
13. Click About.
14. Confirm the new firmware version.
15. Remove USB drive.

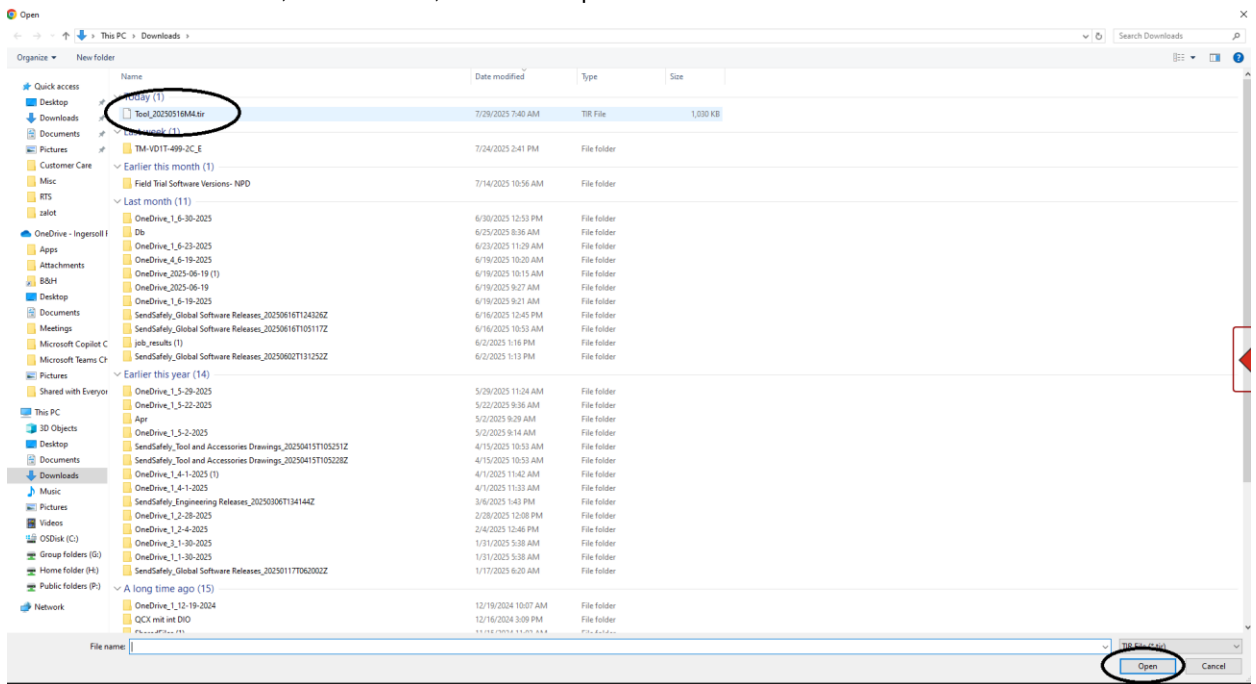
Tool Update (Web Browser)

1. Go to our SendSafely File Repository and download the latest release file to your PC.
 - a. Link:

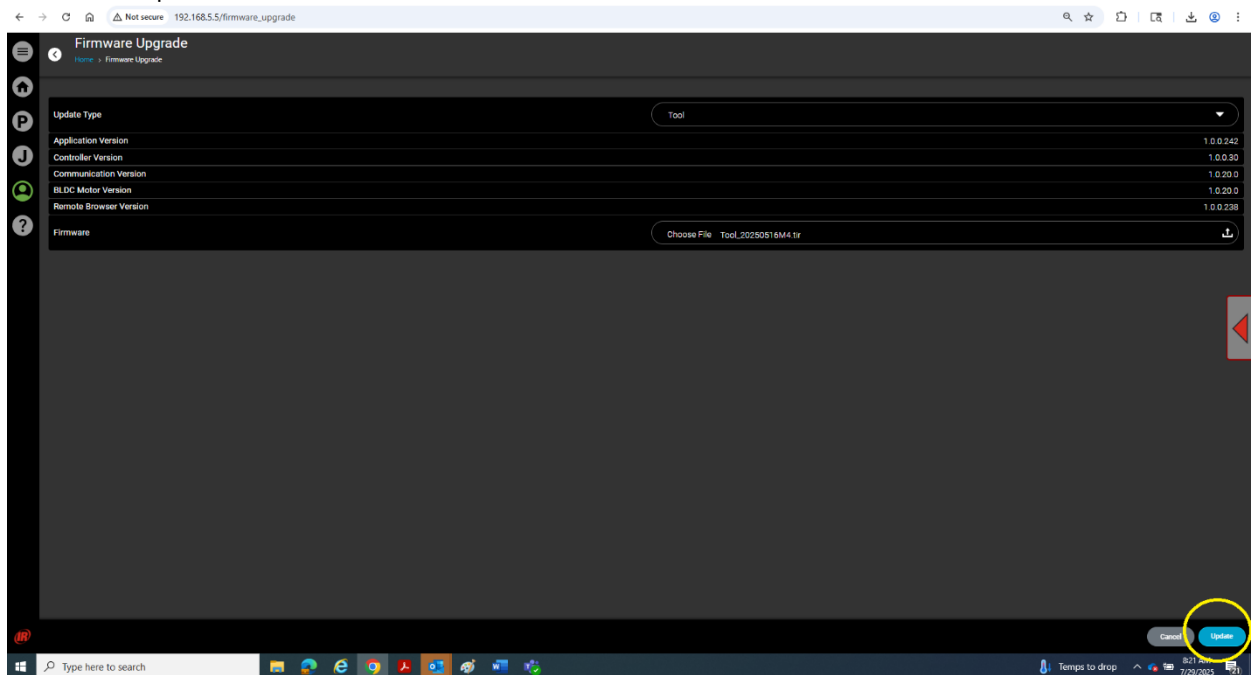
<https://filesafe.ingersollrand.com/receive/?packageCode=R0xH0I3CZTge7FOI2JUtkroDyiqJLwxfULry0BLVYno#keycode=AFFzeIR6NhkhOTThSclWRyJqOe9J-2x9fbcDhTjLCgkk>
2. Turn on the controller.
3. Log in.
4. Click on the Hamburger icon.
5. Go to System Maintenance->Firmware Upgrade.
6. From the Drop Down Menu select ControlBox.
7. Click on Choose File.



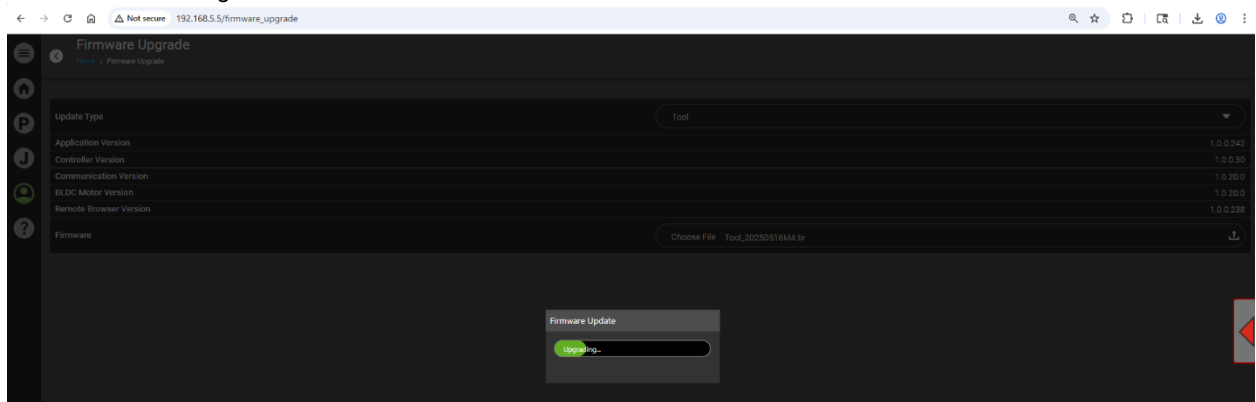
8. Browse to the file location, select the file, and select Open.



9. Click on the Update button.



10. You will see the Progress Bar.



11. After the Progress Bar shows Complete, the system will return to the Home screen.

12. Select the Hamburger icon.

13. Click About

14. Confirm the new firmware version.

