

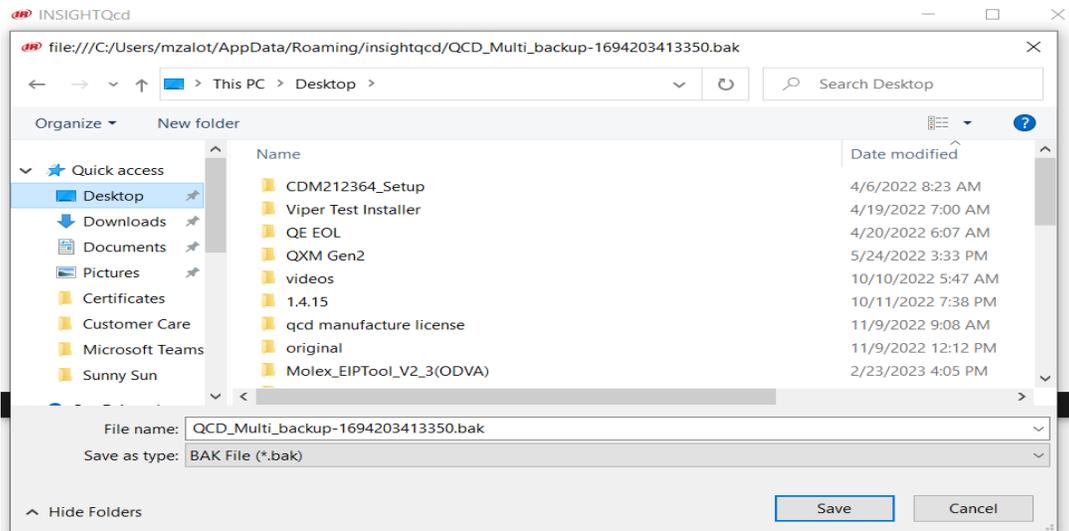
Updating QCD Controllers to the Multi-Spindle Platform

1. Before updating, it is recommended to run the data migration utility.
 - The Data Migration Utility creates a backup of the controller Feature License, Jobs, Psets, and User Settings.
 - See link below for the Data Migration Utility.
ftp://ftp.irco.com/InsightQCD_Multi%20Releases/Data%20Migration%20Utility/Data%20Migration%202.2.11/
 - User: asSoftwareRead
 - Password: 4&4erum6?a
- Copy the executable to a folder on your PC.
- Run the InsightQcd-2.2.11 Setup.exe file.
 - Enter the controller IP Address and select Submit.



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- Select the location to save the backup file and select Save.

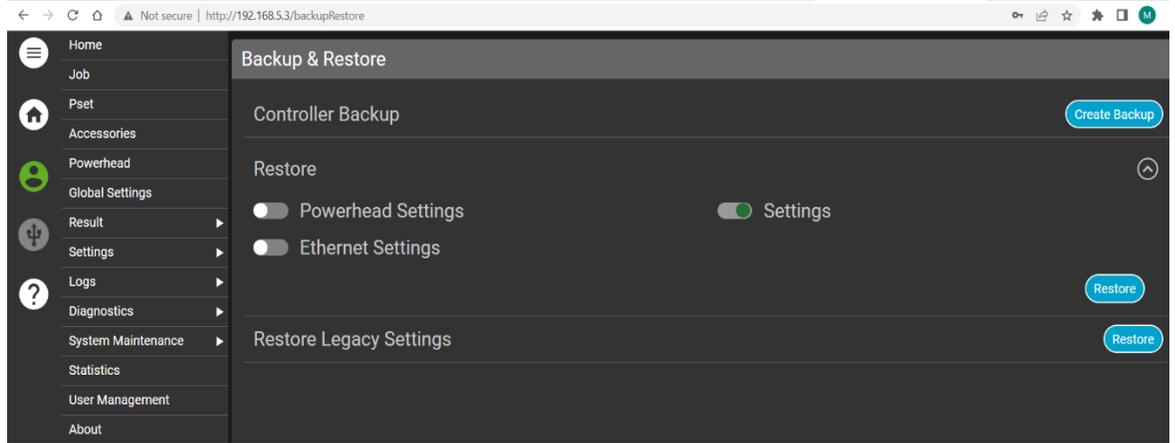


- Backup file is saved successfully.

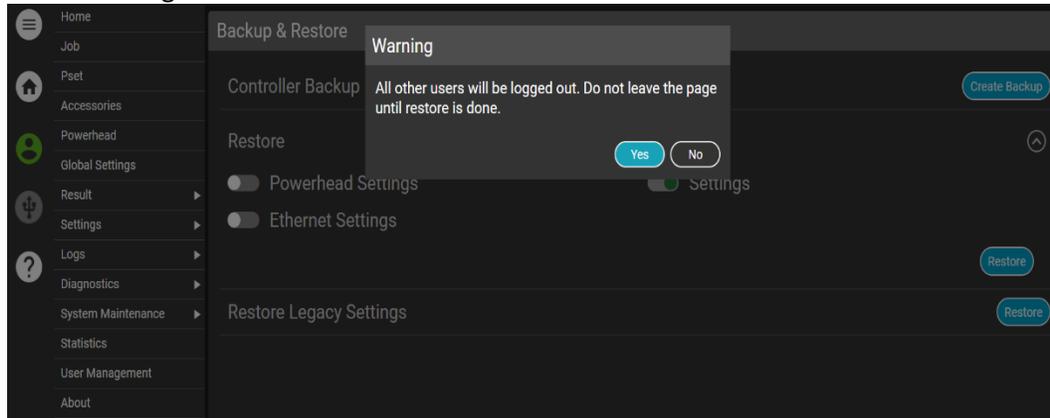


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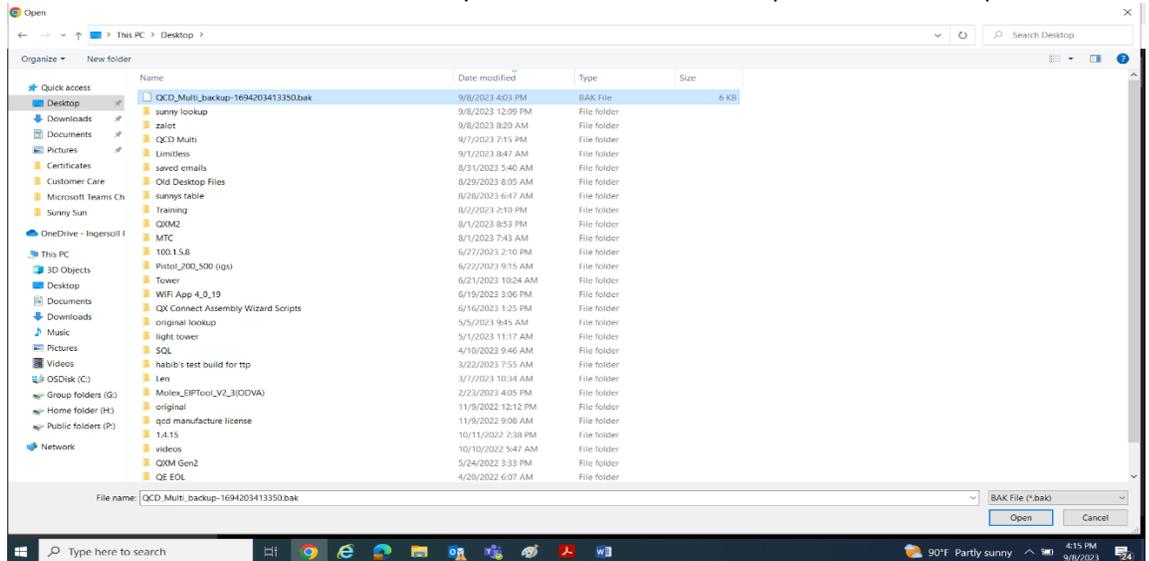
2. Updating Legacy QCD version 6.x.x or 7.x.x to Multi-Spindle 200.x.x.x.
 - Copy all files from the Multi-Spindle USBImage folder directly onto a Sandisk 2.0 USB drive.
 - See link below for files.
ftp://ftp.irco.com/InsightQCD_Multi%20Releases/200.000.000.024/USBImage/
 - User: asSoftwareRead
 - Password: 4&4erum6?a
 - Power off the controller, insert the USB drive into any available USB port on the QCD controller.
 - Power on the controller and wait for approximately 10 to 15 minutes for the image to upload. The image update progress is indicated by LED lights.
 - Once all LEDs turn green, power off the controller and remove the USB drive.
 - After removing the USB drive turn on the controller, the controller's IP address will not be displayed.
 - Turn off the controller.
 - Turn on the controller and go to the Ethernet Settings screen, configure the IP Address for Ports 1 and 2 on the controller.
 - Go to System Maintenance -> Firmware Update screen to update the MCE firmware to Version 1.3.1
 - See link below for file.
<ftp://ftp.irco.com/INSIGHTqc%20RELEASES/QCD%20Multi/200.000.000.011/MCE%201.3.1/>
 - To Restore the Feature License, Psets, Jobs, and User Settings go to System Maintenance- Backup/Restore.



- Select the Restore button for Restore Legacy Settings and you will be prompted with the below message.

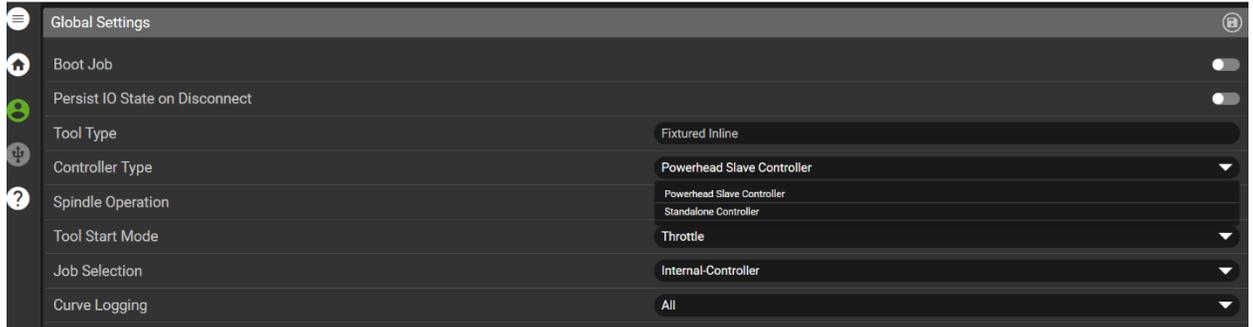


- Select Yes and a Browse window will open. Browse to the Backup file and select Open.



- Follow on screen messages to complete the Restore process.

- From the Global Settings screen for Controller Type select either Standalone Controller or Powerhead Slave Controller.



- Once the Controller Type is selected, select the Save icon.
- If using as a Standalone Controller or Slave Controller in a Powerhead the updating process is complete.
- If using the controller as a Master Controller in a Powerhead you will have to obtain a Master Controller License. This license determines the maximum number of spindles for the Powerhead.
 - See link below for instructions on obtaining a Master Controller License.
<https://irtoolhelp.ingersollrand.com/hc/en-us/articles/20475410106899-Obtaining-a-Master-Controller-License-for-a-Powerhead>