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/
 - o User: asSoftwareRead
 - o Password: 4&4erum6?a
 - Copy the executable to a folder on your PC.

IP Address 192 168 5 5

- Run the InsightQcd-2.2.11 Setup.exe file.
 - o Enter the controller IP Address and select Submit.



Submit

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 / 1441 666	192.100.0.0	oublint	

* Speed parameters are converted from RPM to %

 \circ Select the location to save the backup file and select Save.

> • • • 🗖	> This	PC > Desktop >	~	Ö	Search Desktop	
Organize - Nev	v folder				2==- ▼	?
 Quick access Desktop Downloads Documents Pictures Certificates Customer Care Microsoft Tea Sunny Sun 	* * *	Name CDM212364_Setup Viper Test Installer QE EOL OXM Gen2 videos 1.4.15 qcd manufacture license original Molex_EIPTool_V2_3(ODVA)			Date modified 4/6/2022 8:23 AM 4/19/2022 7:00 AI 5/24/2022 6:07 AI 5/24/2022 3:33 PH 10/10/2022 5:47 / 10/11/2022 7:38 F 11/9/2022 9:08 AI 11/9/2022 12:12 F 2/23/2023 4:05 PM	M M A M M M M A
	~					>
File name:	QCD_N	/ulti_backup-1694203413350.bak				
Save as type:	BAK Fil	e (*.bak)				

 \circ Backup file is saved successfully.

IP Address 192.168 IP Address 192.168 IP Address 192.168	×		
* Speed parameters are			

- 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.
 <u>ftp://ftp.irco.com/InsightQCD_Multi%20Releases/200.000.000.024/USBImage/</u>
 - o User: asSoftwareRead
 - o 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/200.000.0011/MCE%201.
3.1/

• To Restore the Feature License, Psets, Jobs, and User Settings go to System Maintenance- Backup/Restore.

$\leftarrow \ \rightarrow $	C ☆ ▲ Not secure	http://192.168.5.3/backupRestore	아 🖻 🛧 🗯 🖬 젱
	Home	Backup & Restore	
_	Job		
$\mathbf{\hat{\mathbf{n}}}$	Pset	Controller Backup	Create Backup
	Accessories		
0	Powerhead	Restore	\odot
	Global Settings		
6	Result	Powerhead Settings Settings	
	Settings	Ethernet Settings	
2	Logs	•	Restore
	Diagnostics	•	
	System Maintenance	 Restore Legacy Settings 	Restore
	Statistics		
	User Management		
	About		

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

		Backup & Restore	Warning						
0		Controller Backup	All other users will be logged out. Do not leave the page	Create Backup					
W			until restore is done.						
O	Global Settings		Yes						
		Powerhead S	Settings	ngs					
9		Ethernet Sett	Ethernet Settings						
0									
		Restore Legacy Settings							
	About								

 \circ ~ Select Yes and a Browse window will open. Browse to the Backup file and select Open.

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Ouick access	Name	Date modified	Туре	Size	
Deskton 🖈	QCD_Multi_backup-1694203413350.bak	9/8/2023 4:03 PM	BAK File	6 KB	
Downloads #	sunny lookup	9/8/2023 12:09 PM	File folder		
Decumente d	zalot	9/8/2023 8:20 AM	File folder		
Documents x	QCD Multi	9/7/2023 7:15 PM	File folder		
Pictures 7	Limitless	9/1/2023 8:47 AM	File folder		
Certificates	saved emails	8/31/2023 5:40 AM	File folder		
Customer Care	Old Desktop Files	8/29/2023 8:05 AM	File folder		
Microsoft Teams Ch	sunnys table	8/28/2023 6:47 AM	File folder		
Sunny Sun	Training	8/2/2023 2:10 PM	File folder		
OpeDrive - Incercoll I	A QXM2	8/1/2023 8:53 PM	File folder		
Onebrive - Ingelson i	MTC	8/1/2023 7:43 AM	File folder		
This PC	100.1.5.8	6/27/2023 2:10 PM	File folder		
3D Objects	Pistol_200_500 (igs)	6/22/2023 9:15 AM	File folder		
Desktop	Tower	6/21/2023 10:24 AM	File folder		
Documents	WiFi App 4_0_19	6/19/2023 3:06 PM	File folder		
Downloads	QX Connect Assembly Wizard Scripts	6/16/2023 1:25 PM	File folder		
Musia	original lookup	5/5/2023 9:45 AM	File folder		
music	light tower	5/1/2023 11:17 AM	File folder		
Pictures	SQL	4/10/2023 9:46 AM	File folder		
Videos	habib's test build for ttp	3/22/2023 7:55 AM	File folder		
ØSDisk (C:)	Len	3/7/2023 10:34 AM	File folder		
Group folders (G:)	Molex_EIPTool_V2_3(ODVA)	2/23/2023 4:05 PM	File folder		
Home folder (H:)	original	11/9/2022 12:12 PM	File folder		
Public folders (P:)	qcd manufacture license	11/9/2022 9:08 AM	File folder		
	1.4.15	10/11/2022 7:38 PM	File folder		
Network	videos	10/10/2022 5:47 AM	File folder		
	QXM Gen2	5/24/2022 3:33 PM	File folder		
	QE EOL	4/20/2022 6:07 AM	File folder		
File nam	e: QCD_Multi_backup-1694203413350.bak				 BAK File (*,bak)

• Follow on screen messages to complete the Restore process.

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

	Global Settings				
0	Boot Job	•			
9	Persist IO State on Disconnect				
•	Тооl Туре	Fixtured Inline			
	Controller Type	Powerhead Slave Controller			
	Spindle Operation	Powerhead Slave Controller Standalone Controller			
	Tool Start Mode	Throttle	5		
	Job Selection	Internal-Controller	•		
	Curve Logging	All)		

- 4. Once the Controller Type is selected, select the Save icon.
- 5. If using as a Standalone Controller or Slave Controller in a Powerhead the updating process is complete.
- 6. 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. <u>https://irtoolhelp.ingersollrand.com/hc/en-us/articles/20475410106899-Obtaining-a-</u> Master-Controller-License-for-a-Powerhead