Setup Allen Bradley RSLINX RS232 DF1 Driver for Equustek DLPCI/104 to go online with PLC5 Using RSLOGIX5

Start RSLINX & Click on Configure Drivers.

🗞 RSLinx Classic Lite - [RSWho	- 1]						
📩 <u>F</u> ile <u>V</u> iew <u>C</u> ommunication	ons <u>S</u> tation	DDE/OPC	Sec <u>u</u> rity	<u>W</u> indow	<u>H</u> elp		
a a a a a a a a a a a a a a a a a a a							
Auto Configure drivers	12 °. 🏛	Browsing net	work				
B Workstation, LAB-D-PC							
⊞ 击 Linx Gateways, Ether	net						
⊡ 番 AB_ETH-1, Ethernet							
i AB_ETHIP-1, Ethernet							

From the Drop menu of Available Driver Types, select RS232 DF1 devices.

Configure Drivers	? ×
Available Driver Types: 1701 U2DHP (or DH+ devices 155:232 DF1 devices EtherNet/P Driver 1784-PKTX[D]PPCMK for DH+/DH-485 devices DF1 Polling Master Driver 1784-PCIC(S) for ControlNet devices DF1 Seare Driver 1784-PCIC(S) for ControlNet devices DF1 Seare Driver 1784-PCIC(S) for ControlNet devices DF1 Slave Driver DF1 Seare Driver DF1 Seare Driver DF1 Seare Driver DF1 Seare Driver Berlow Driver Structures DF1 Seare Driver Remning DH485 UIC devices Virtual Backplane (SoftLogix58xx, USB) DeviceNet Drivers (T70-KFD, SDNPT drivers) SLC 500 (DH485) Emulator driver SmartGuard USB Driver Remote Devices via Linx Gateway	<u>Configure</u> Startup <u>Start</u> Stop <u>D</u> elete

Click on Add New.

Configure Drivers		? ×
Available Driver Types: RS-232 DF1 devices	Add New	<u>C</u> lose
		<u>H</u> elp
Configured Drivers:		
Name and Description	Status	
AB_ETH-1 A-B Ethernet RUNNING	Running	Configure
AB_ETHIP-1 A-B Ethernet RUNNING	Running	
		Star <u>t</u> up
		<u>S</u> tart
		Stop
		<u>D</u> elete
1		

Type a name for the driver and click on Ok.

Add New RSLinx Classic Driver	×	
Choose a name for the new driver. (15 characters maximum)	ОК	
DLPCI-104	Cancel	

In Configure RS-232 DF1 Devices Window, Select the serial port of the DLPCI/104 & Click On AutoConfigure.

Device Name: DLPCI-104							
Comm Port) COM1 Device: PLC-CH0							
Baud Rate: 19200	Station Number: 00 (Octal)						
Parity: None 💌	Error Checking: BCC 🗨						
Stop Bits: 1	Protocol: Full Duplex 💌						
Auto-Configure							
🔲 Use Modem D	ialer Configure Dialer						
OK Cancel <u>D</u> elete <u>H</u> elp							
Once you get Auto Configuration Successful, Click on OK.							
2							
Device	Name: DLPCI-104						
Comm Port: COM3	Name: DLPCI-104 Device: 1770-KF2/1785-KE/SCANpor						
Device Comm Port: COM3 Baud Rate: 115200	Name: DLPCI-104 Device: 1770-KF2/1785-KE/SCANpol Station Number: 01 (Octal)						
Device Comm Port: COM3 Baud Rate: 115200 Parity: None	Name: DLPCI-104 Device: 1770-KF2/1785-KE/SCANpol Station Number: 01 (Octal) Error Checking:						
Device Comm Port: COM3 Baud Rate: 115200 Parity: None Stop Bits: 1	Name: DLPCI-104 Device: 1770-KF2/1785-KE/SCANpoi Station Number: 01 (Octal) 01 Error Checking: BCC Protocol: Full Duplex						
Device Comm Port: COM3 Baud Rate: 115200 Parity: None Stop Bits: 1 Auto Configure Auto Configure	Name: DLPCI-104 Device: 1770-KF2/1785-KE/SCANpol Station Number: 01 (Octal) 01 Error Checking: BCC Protocol: Full Duplex guration Successful!						

When DLPCI/104 RS232-DF1 Driver has the Running status, Click on Close.

Configure Drivers		? ×
Available Driver Types: RS-232 DF1 devices	Add New	<u>C</u> lose <u>H</u> elp
Name and Description AB_ETH-1 A-B Ethernet RUNNING AB_ETHIP-1 A-B Ethernet RUNNING DLPCI-104 DH+ Sta: 1 COM3: RUNNING	Status Running Running	Con <u>f</u> igure Star <u>t</u> up <u>S</u> tart Stop <u>D</u> elete

Click on the DLPCI/104 driver just created & check mark Auto Browse to see all the node that are online on the DH+ network, to see SLC504, PLC5 and a Control Logix with the DLPCI/104 as a Workstation.

🗞 RSLinx Classic Lite - [RSWho - 1]	
🛃 File View Communications Station D	<u>D</u> DE/OPC Sec <u>u</u> rity <u>W</u> indow <u>H</u> elp
* \$	
Autobrowse Refresh 🔁 🖭 Br	rowsing - node 22 found
⊡	
由器 AB_ETH-1, Ethernet	01 04 07 22
⊕춘 AB_FTHIP-1, Ethernet 움 DLPCI-104, Data Highway Plus	Workstation SLC504 PLC51EST 1756-DHRI

Now to go online with the PLC5 start RSLOGIX5 & Under Comms click System Comms.

File View	comms Tools Window Help System Comms	→ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
OFFLINE No Edits Driver: AB_D	Who Active Go Online Go Online Online Now	I → □ ∃E 3/E <> <> <>> <>> <>> <>> <>> <>>> <>>> <
-	Upload	

Communications			
Autobrowse Refresh	Browsing - node 4 found		OK
University of the second secon	Address	Device T	Cancel
im 器 Linx Gateways, Ethernet	4 01	Workstat	Help
⊕	m 04	SLC-5/04	
由 品 AB_ETHIP-1, Ethernet	1 07	PLC-5/8(<u>O</u> nline
庄 🚠 DLPCI-104, Data Highway Plus	22	1756-DH	
			Online <u>N</u> ow
			Single Thread UpLoads Upload
	<	>	
Current Selection Server: RSLinx API	Driver: DLPCI-104 Type: Not a PLC, SLC, or CL	R [D Apply	eply Timeout: 10 (Sec.) / to Project

Click on the DLPCI/104 Data Highway Plus to see the PLC5, here it is node 7.

Click on PLC5 then Click on Online

Communications					
Autobrowse Refresh	Browsin	ng - node 4 found			OK
🖃 🗐 Workstation, LAB-D-PC	Addre	Device Type	Online Name	Status	Cancel
⊕ स्प्रै Linx Gateways, Ethernet च स्रि AB_ETH-1, Ethernet	5 01	Workstation SLC-5/04	SLC504	Program Program	Help
표··· 뀸 AB_ETHIP-1, Ethernet	07	PLC-5/80E	PLC5TEST	Program	<u>O</u> nline
DLPCI-104, Data Highway Plus 01, Workstation 04, SLC-5/04, SLC504 07, PLC-5/80E, PLC5TEST 07, PLC-5/80E, 1756-DH 22, 1756-DHRIO/B, 1756-DH	j 22	1756-DHRIO/B	1756-DHRIO/C		Online <u>N</u> ow Single Thread UpLoads <u>U</u> pload <u>D</u> ownload
Current Selection Server: RSLinx API Node: 7 Octal (=7 Decimal)	I Driv Typ	er: DLPCI-104 be: PLC5		E AD	Reply Timeout:

Click on Create New File

Going to Online Programming State ×
Searching for Offline Image
Filename : No Matching File Found!
SELECT FILE to merge for documentation (names, symbols, descriptions, etc)
Online Processor Name : PLC5TEST
Processor Type : PLC5/80E Series D Rev G
Station #: 70
Program Files : 3
DataFiles : 151
Enhanced PLC5 Information
Last Edit TimeStamp : 8/13/2021 2:36:52
User Program Checksum : 3498
Files Found With Matching Online Processor Name / Password



Here we are online with the PLC5

RSLogix 5 - PLC5TEST	- • •
<u>File Edit View Search Comms Tools Window H</u> elp	
] D ≌ 🖬 ⊕ ≴ 🛍 🖻 ∽ ∽ 📃 🔄 🔄 🔄 🗖	1 🔁 🕨 ► 🖛
PROGRAM ▲ No Forces ▲ No Edits ▲ Forces Disabled ▲ Driver: DLPCI-104 Node: 70 ▲ ►	e
Image: Second	
Image: Help Image: Text of the text of	
For Help, press F1 Class 1 2:0000	APP READ

In Similar procedure we can go online with the SLC504 using RSLOGIX500 if needed.