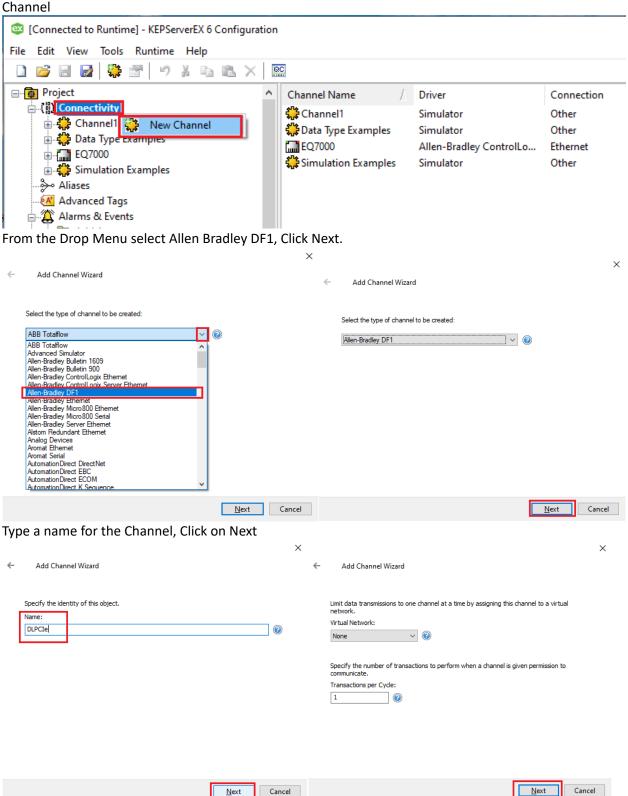
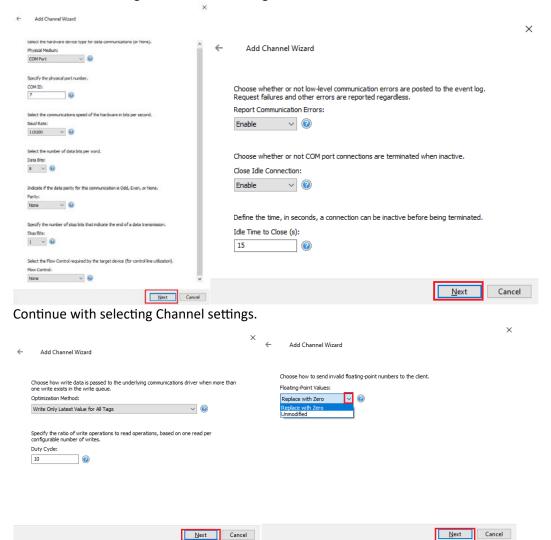
Allen Bradley FactoryTalk accessing PLC5 & SLC504 with KEPServer OPC using DLPCIe DH+ card

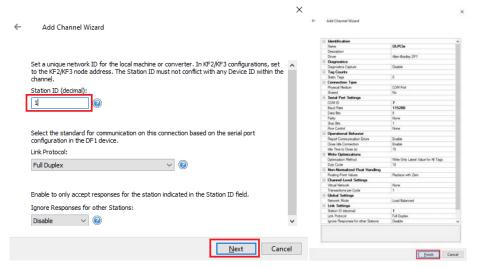
Start Kepware KEPServerEX, right click on Connectivity or click on New Channel icon to add a new Channel

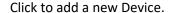


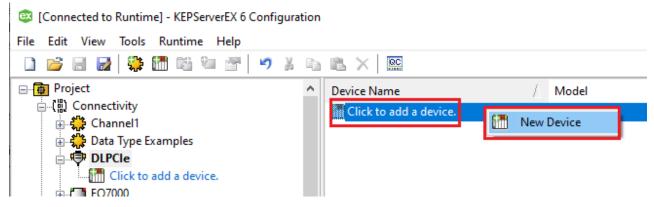
From the Drop menus enter the serial port of the DLPCIe card found under Device manager, also enter the card serial settings done in EQ32 configuration software & click Next



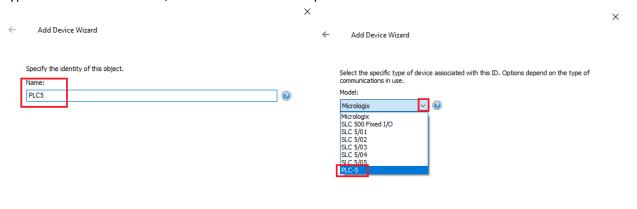
Enter the node address of the DLPCIe as a station ID then click Finish when the serial settings are done.





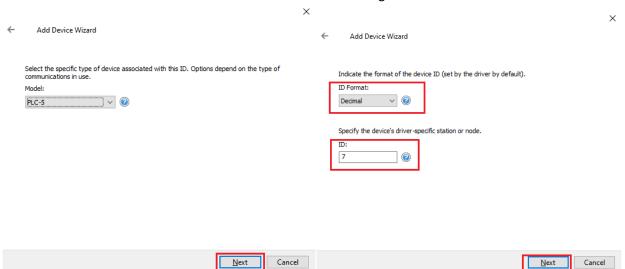


Type a name for the Device, click Next. From the drop Menu select PLC5.

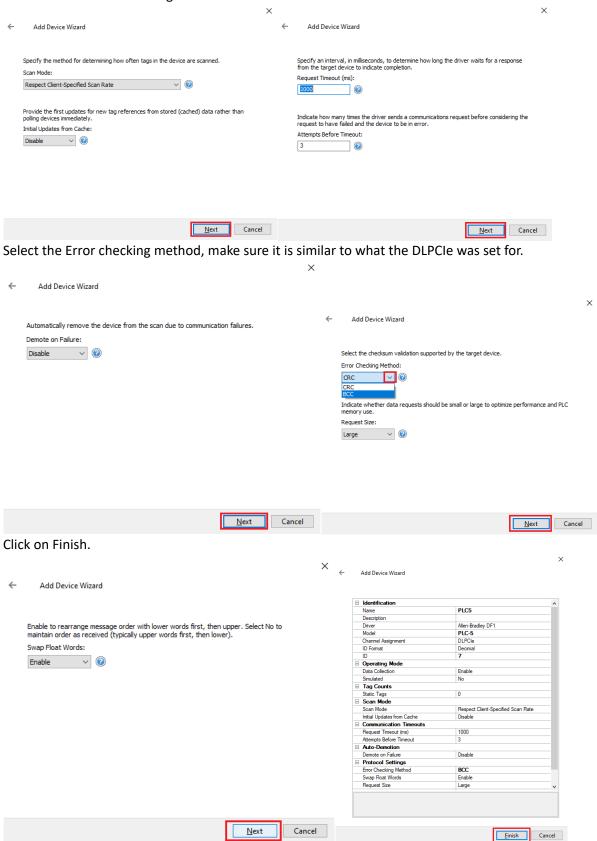


| <u>N</u> ext Cancel | <u>N</u> ext Cancel |
|---------------------|---------------------|
|---------------------|---------------------|

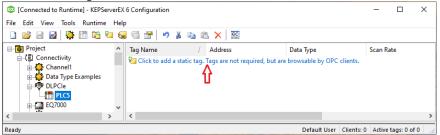
Click Next. Enter the node address number of the PLC5 following ID format Decimal or Octal & click Next.



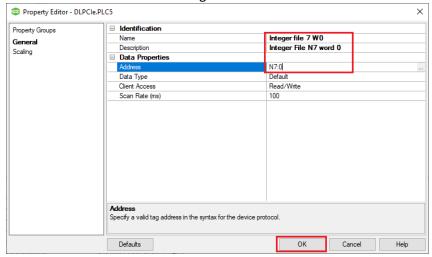
Continue with Device settings



Click to add tags or words that needed to be read from the PLC.



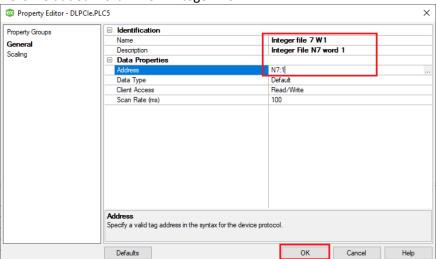
Here we added word 0 from integer file N7



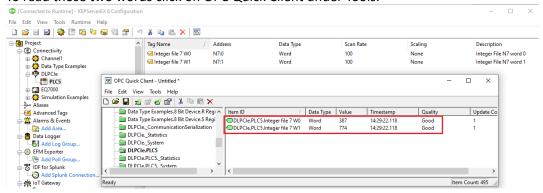
Right click on the created tag to add another New Tag.



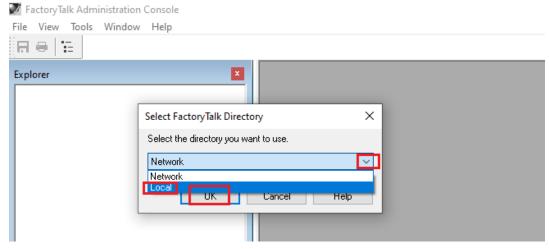
Here we added word 1 from integer file 7.



To read those two words click on OPC Quick Client under Tools.

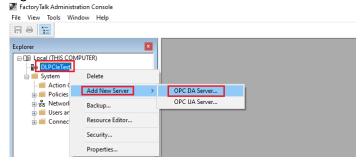


Now to use that KEServerEX OPC in FactoryTalk, open Allen Bradley FactoryTalk Administration Console, select Local and click OK.

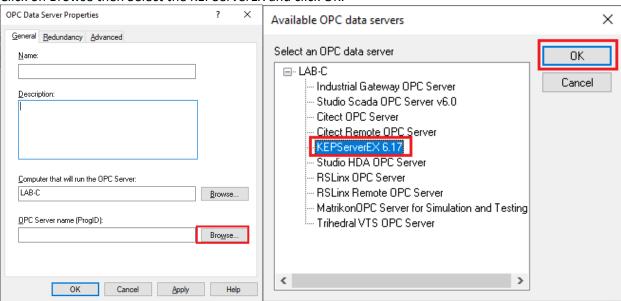


Create a new application, type a name and description for it then click on OK.

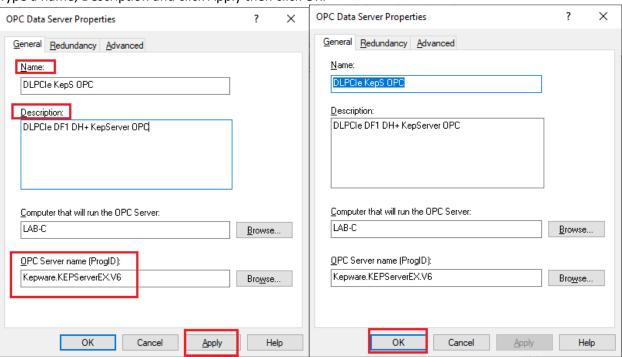




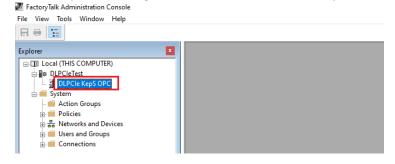
Click on Browse then Select the KEPServerEX and click OK.



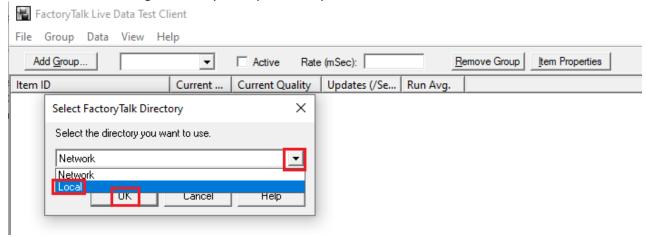
Type a name, Description and click Apply then click OK.



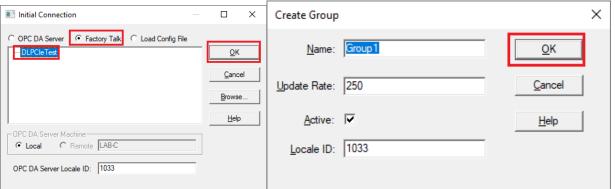
That completes adding the KEPServerEX to the FactoryTalk.



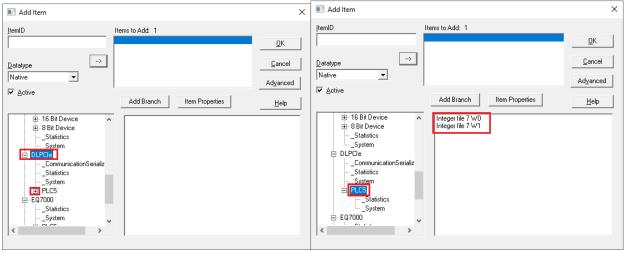
Now to access those tags in Factory Talk open FactoryTalk Live Data Test Client, select Local & click Ok.



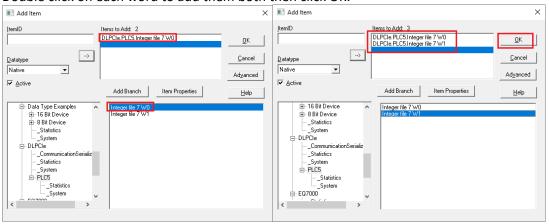
Click on the application, make sure FactoryTalk is selected and click on Ok to create a Group.



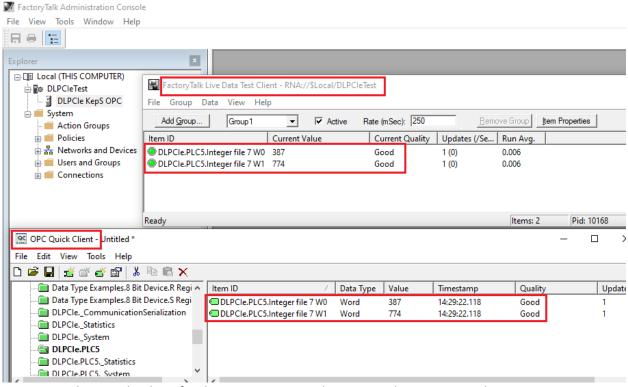
Click on PLC5 under DLPCIe to see tags added in KEPServerEX.



Double click on each word to add them both then click OK.



Here we can see the value read in FactoryTalk similar to those read in KEPServerEX OPC Quick Client.



Same procedure can be done for the SLC504 or any other PLC on the DH+ network.