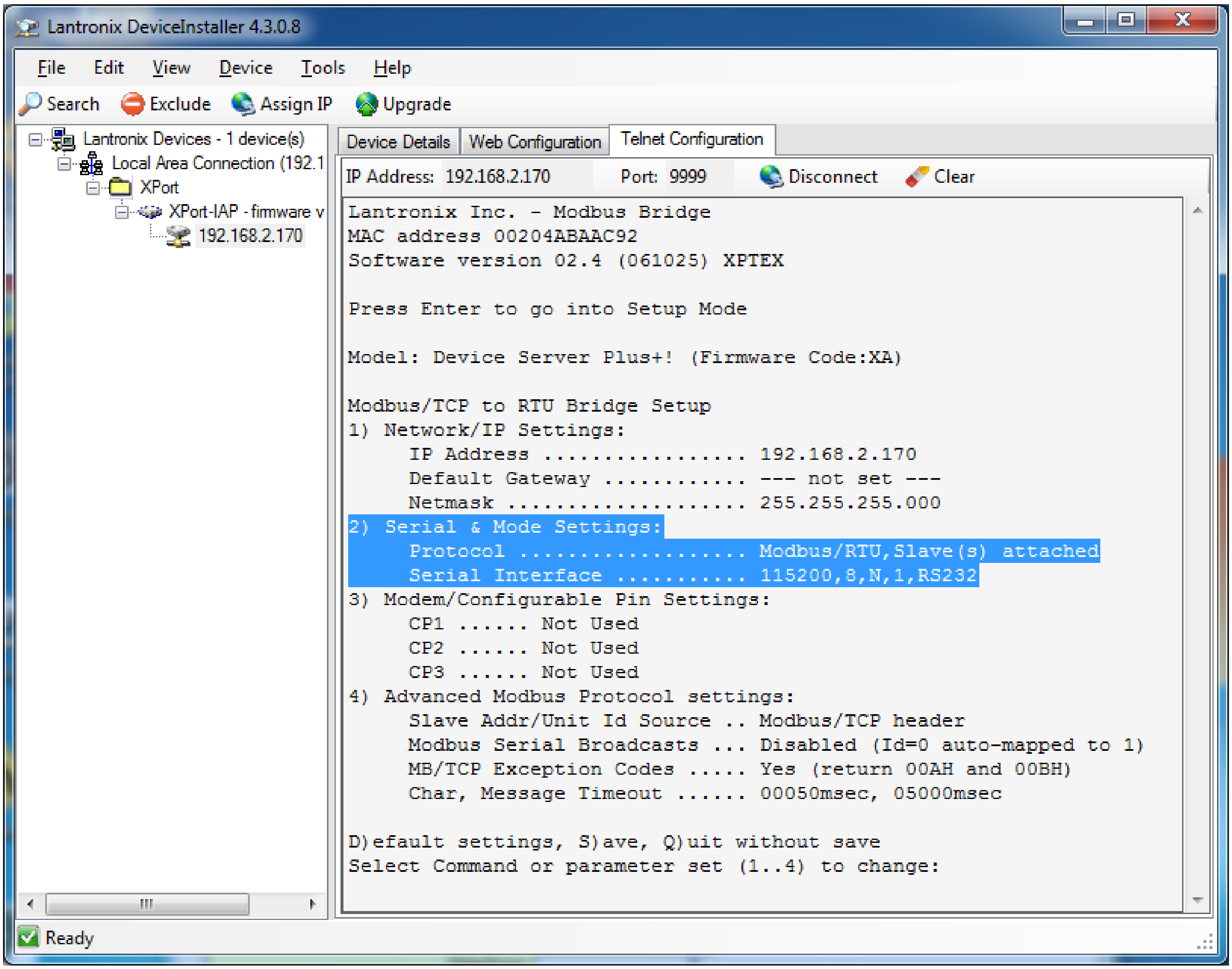
Accessing PLC5 & SCL 500 with DL6000-MEDH+ MODBUS slave Using Automated Solutions MODBUS TCP/IP Driver

Start the Lantronix device Installer and telnet to the DL6000.
Make sure your telnet option settings are exact as highlighted shown below.



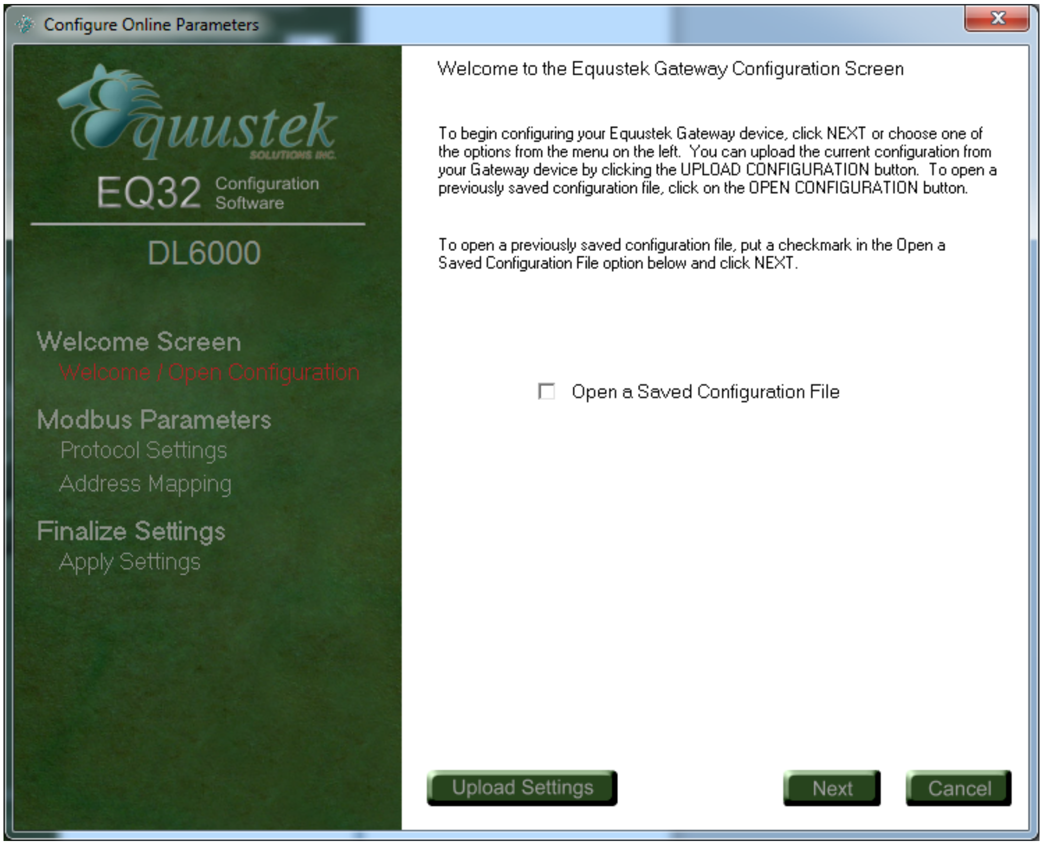
Reset the unit either by pressing the reset button or power on and off.

#286-5489 Byrne Rd., Burnaby, BC, V5J3J1, Canada Phone: 888-387-3787 or 604-266-8547 www.equustek.com

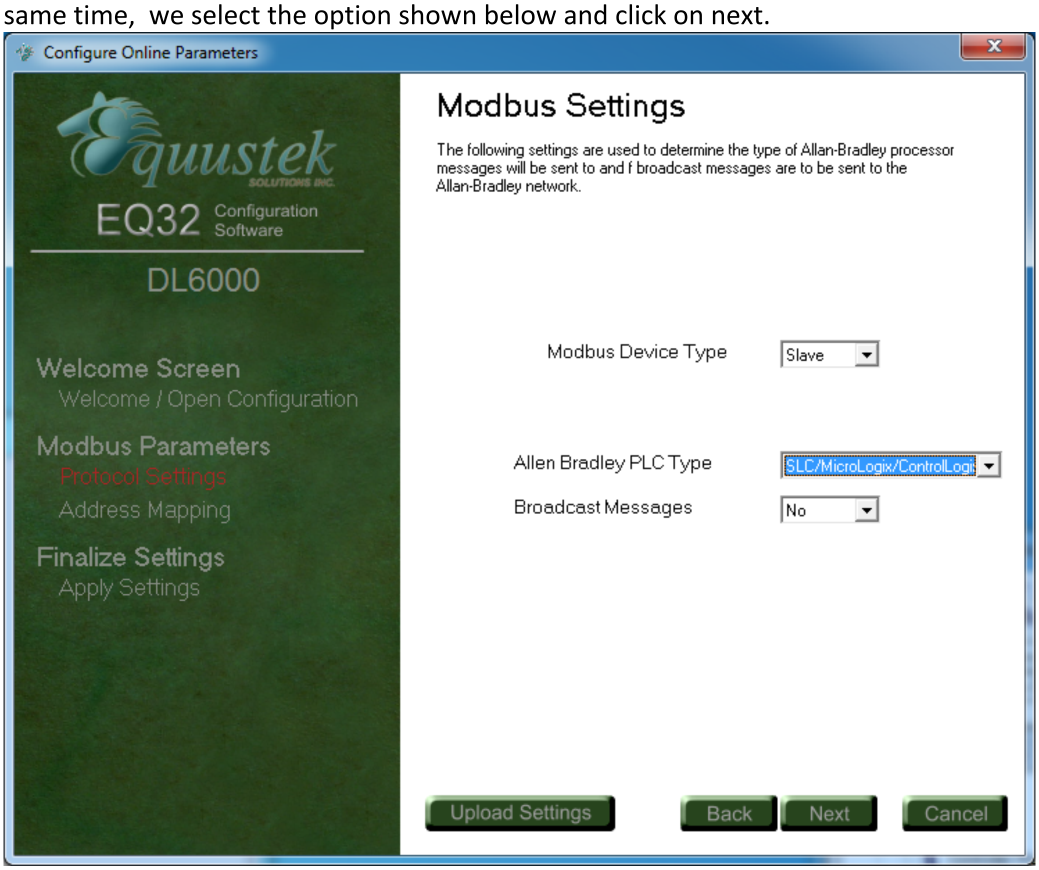
Start EQ32 configuration to configure the DL6000
From the screen below select DL6000.

Select the serial port and click on Configure.

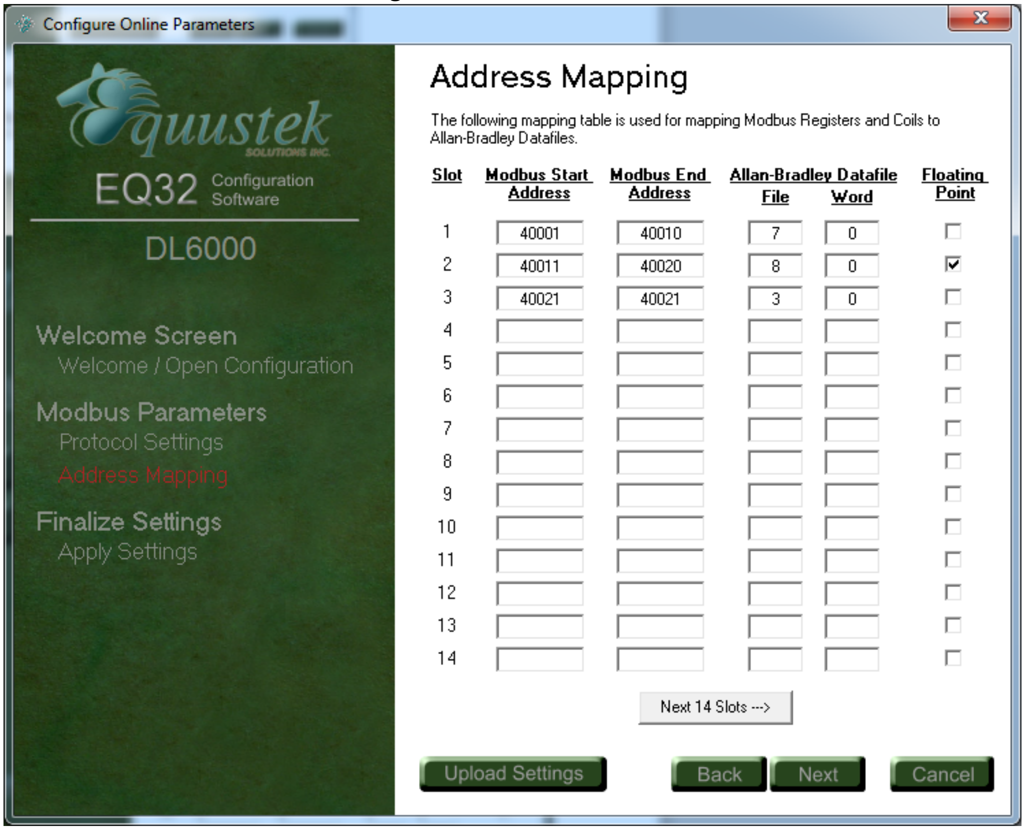
Click on Next.



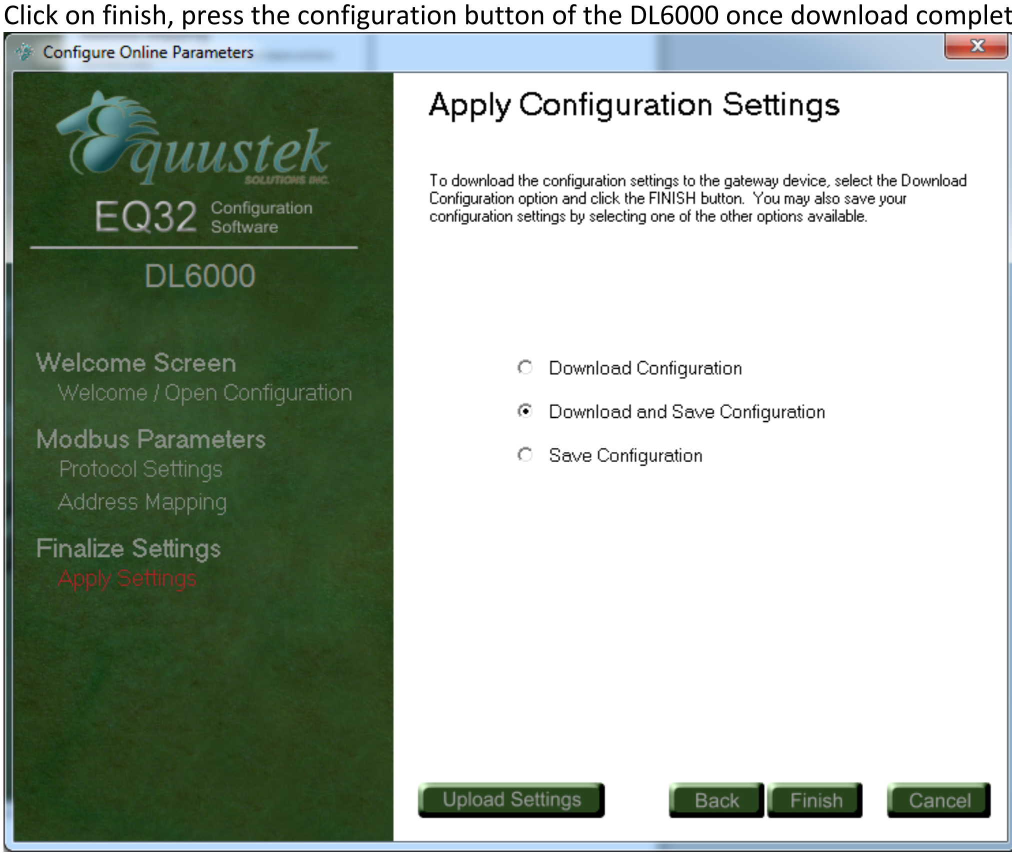
Select Modbus Device, and Allen Bradley device type, since we are trying to communicate with both PLC5 and SLC at the same time, we select the option shown below and click on next.



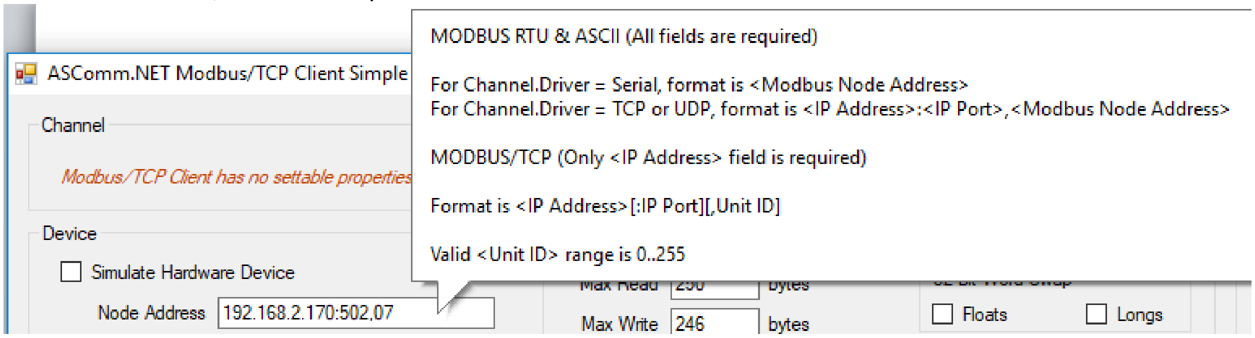
In Slot 1 is set to read file N7 starting at word 0 and read 10 words
Slot 2 is set to read file F8 starting at word 0 and to read 10 words
Slot3 is set to read file B4 starting at word 0 and to read 1 word = 16bits

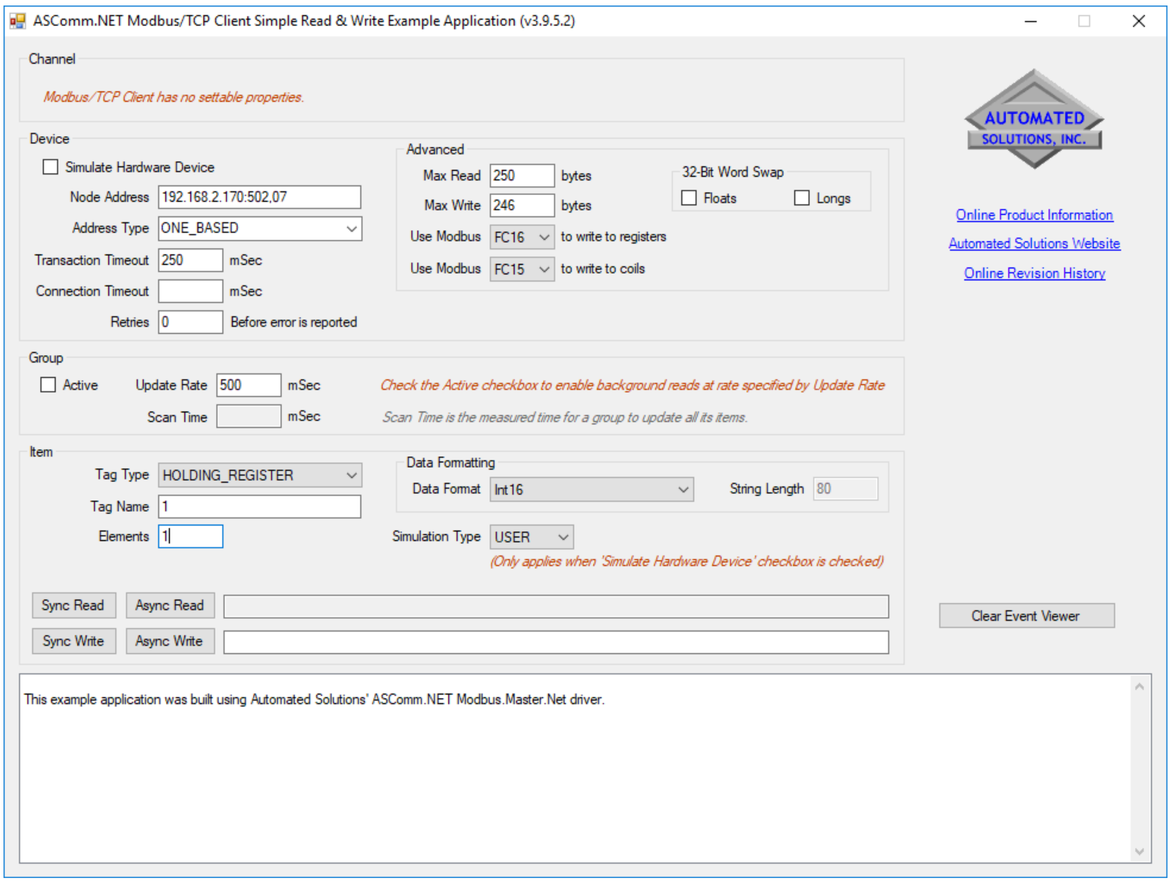


Click on finish, press the configuration button of the DL6000 once download complete close EQ32.

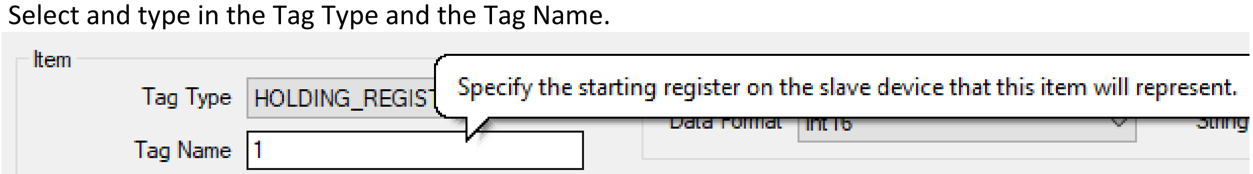


After you select the TCP/IP driver
Enter the Node address as explained below and make sure that the DH+ node address number which is the unit ID is in decimal not Octal, in our example here our PLC5 node address 7.

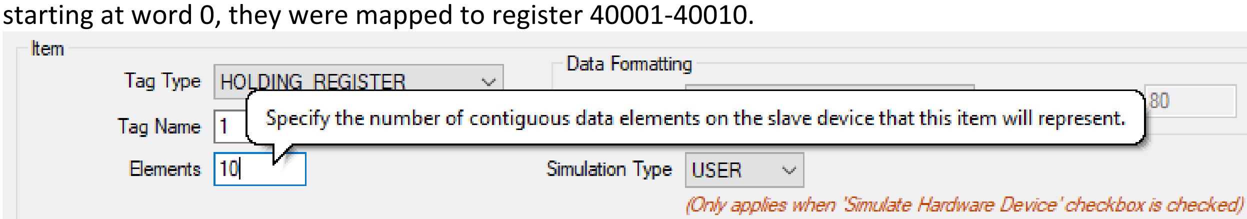




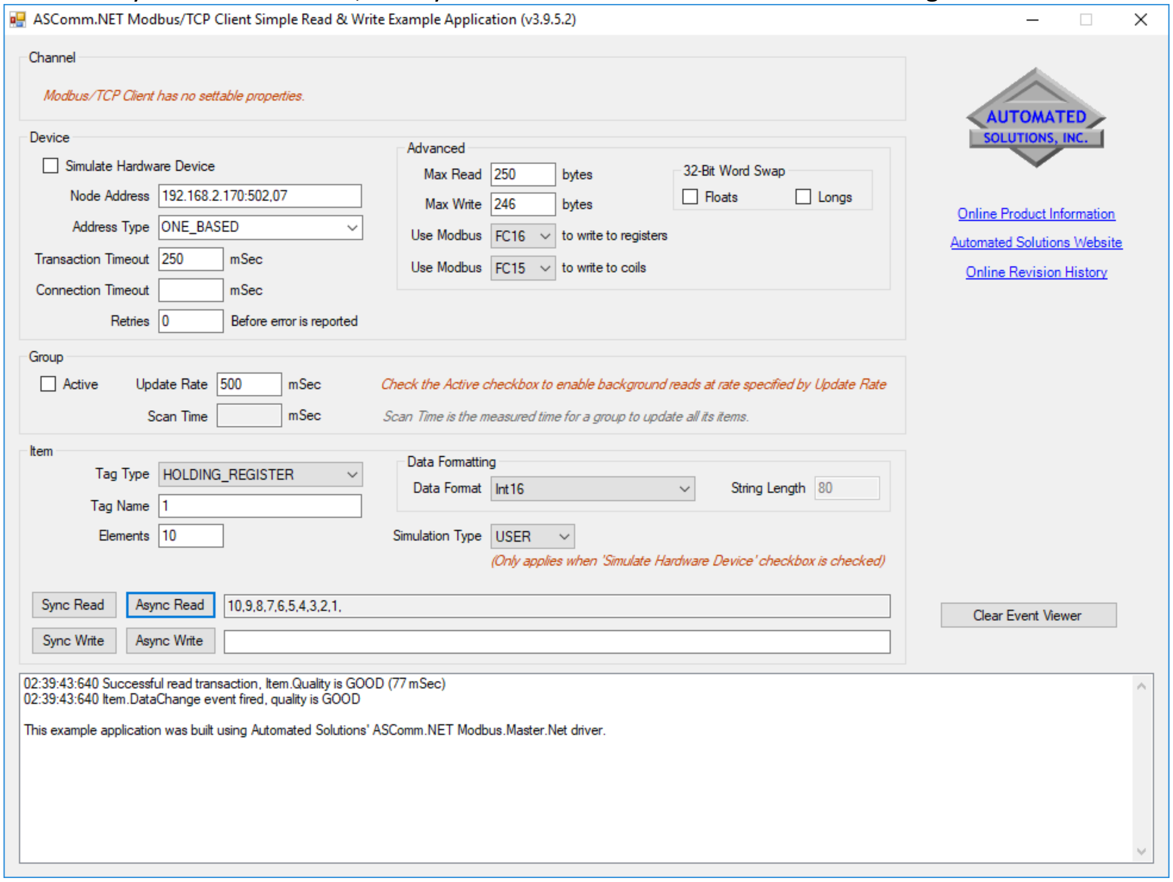
Select and type in the Tag Type and the Tag Name.



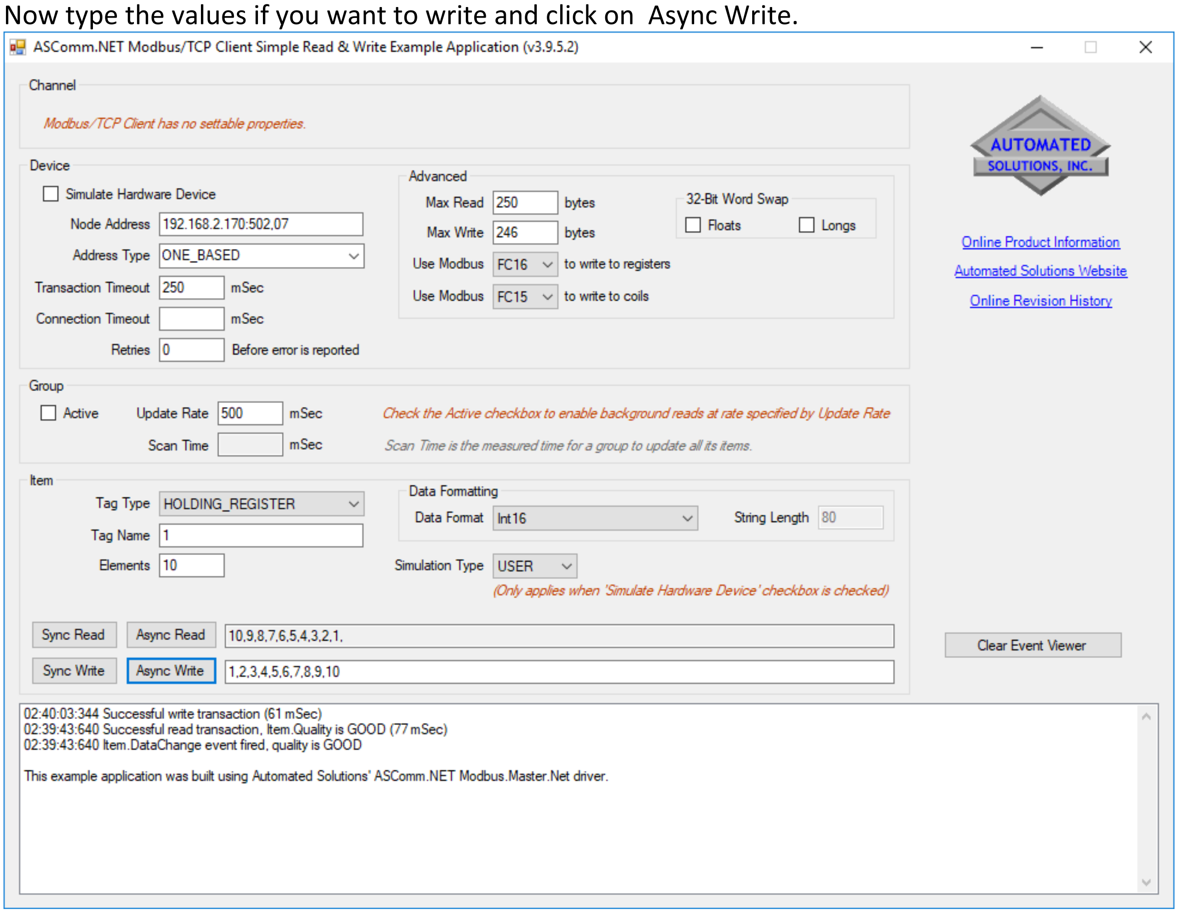
Type the numbers of Elements from the Allen Bradley PLC, here in our example we have 10 words of integer file 7 starting at word 0, they were mapped to register 40001-40010.



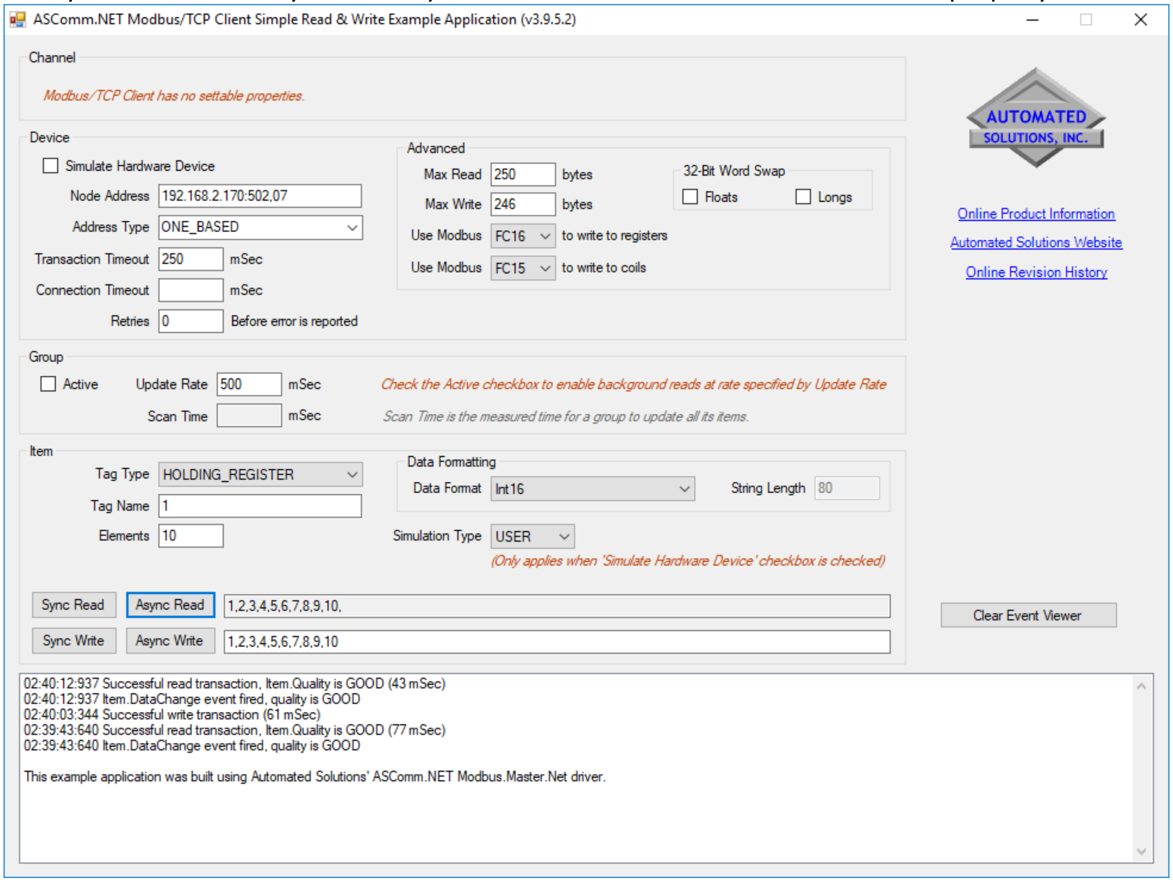
Click on Async Read as shown, then you should see the 1st 10 words from integer file N7 in PLC5.



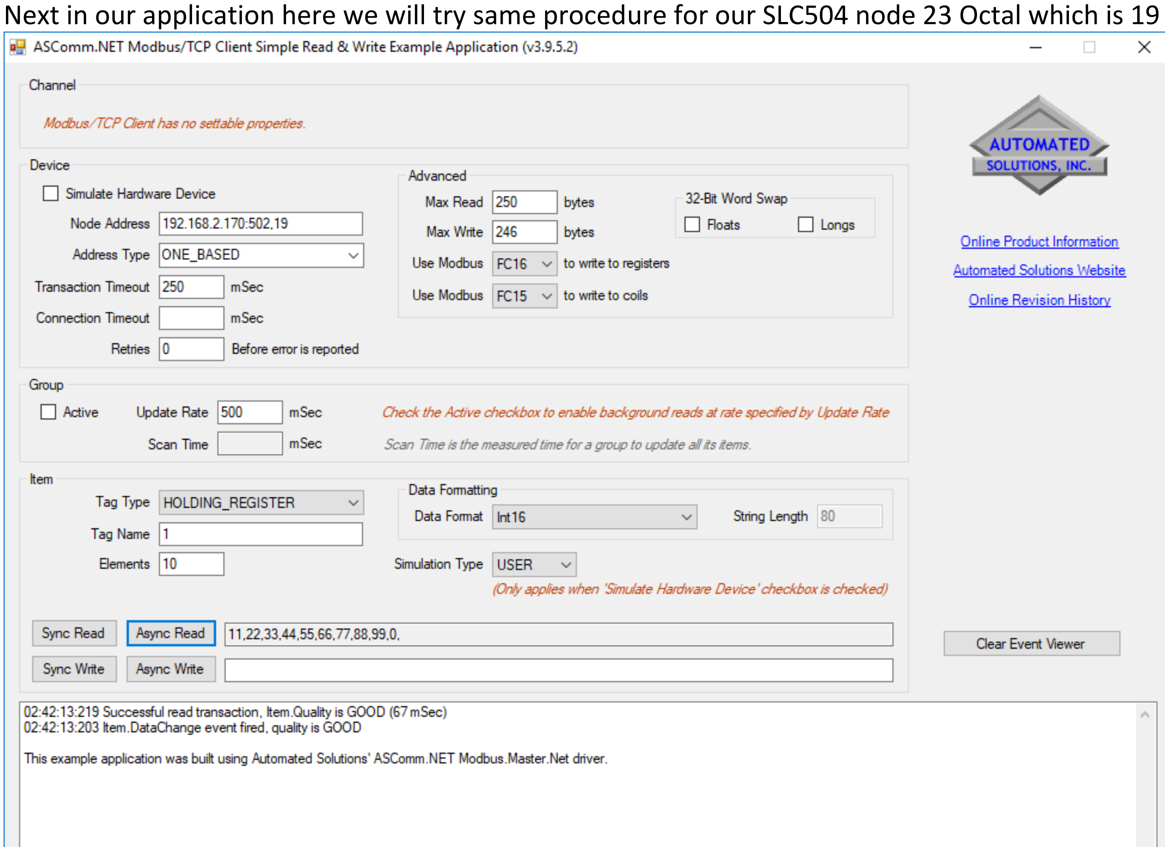
Now type the values if you want to write and click on Async Write.

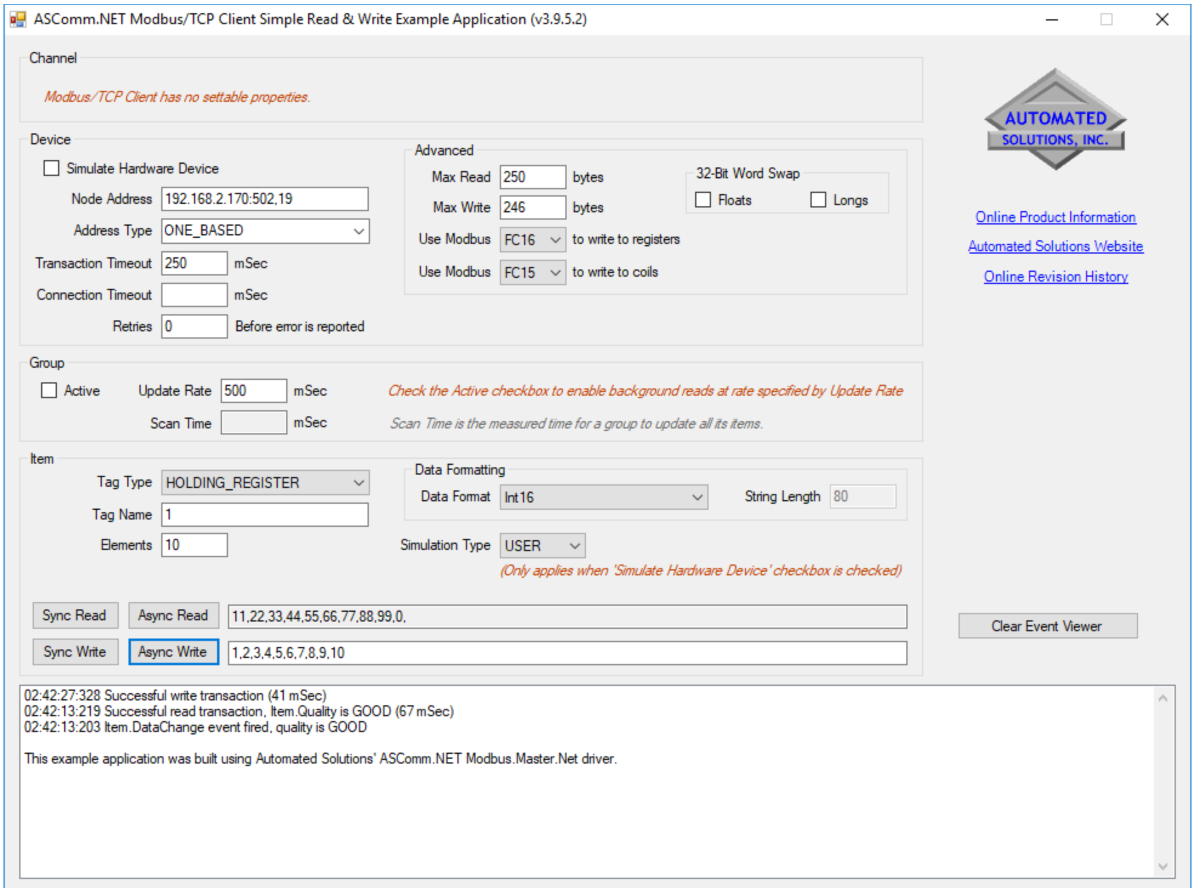


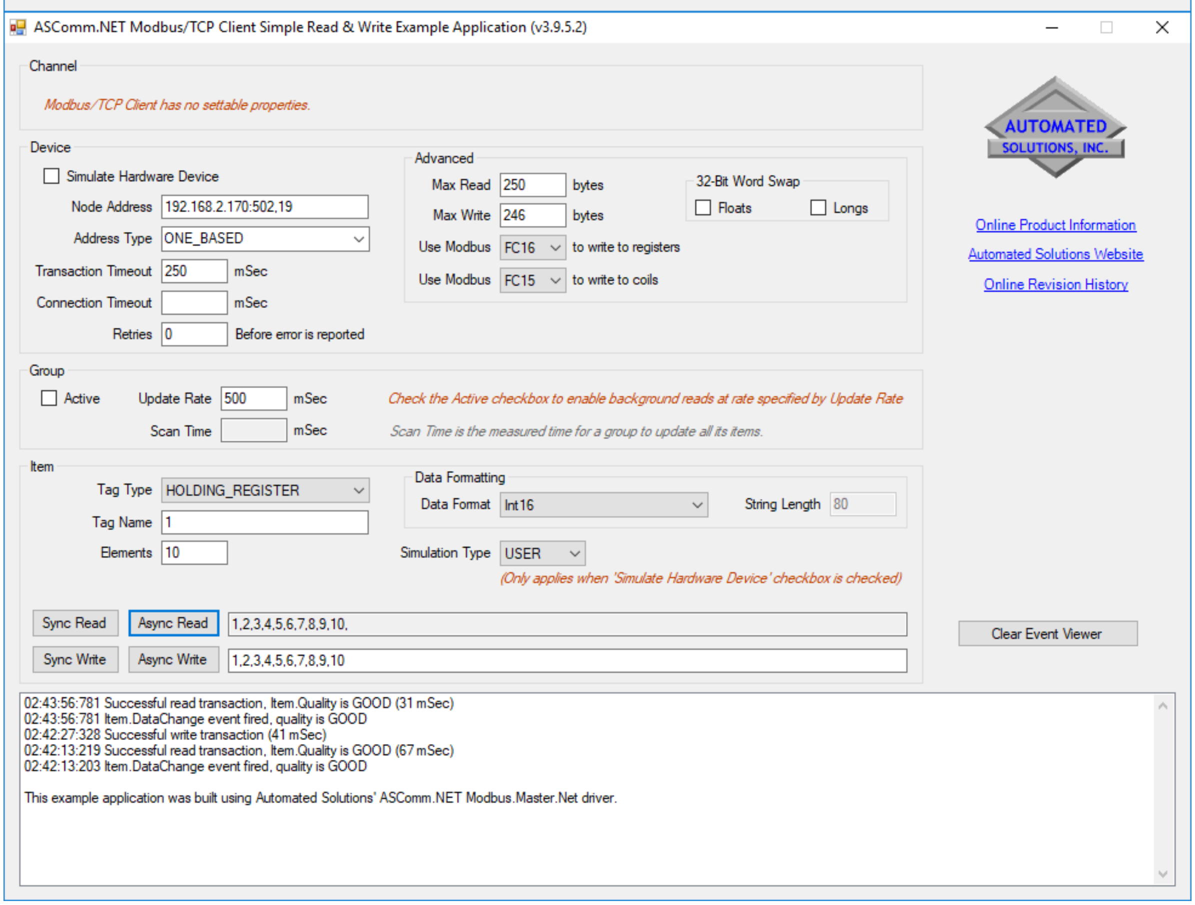
Now you can click on Async Read if you want to make sure values were written properly.



Next in our application here we will try same procedure for our SLC504 node 23 Octal which is 19 Decimal.







Similar can be applied to read and write of Floating file F8 and Binary file B3.