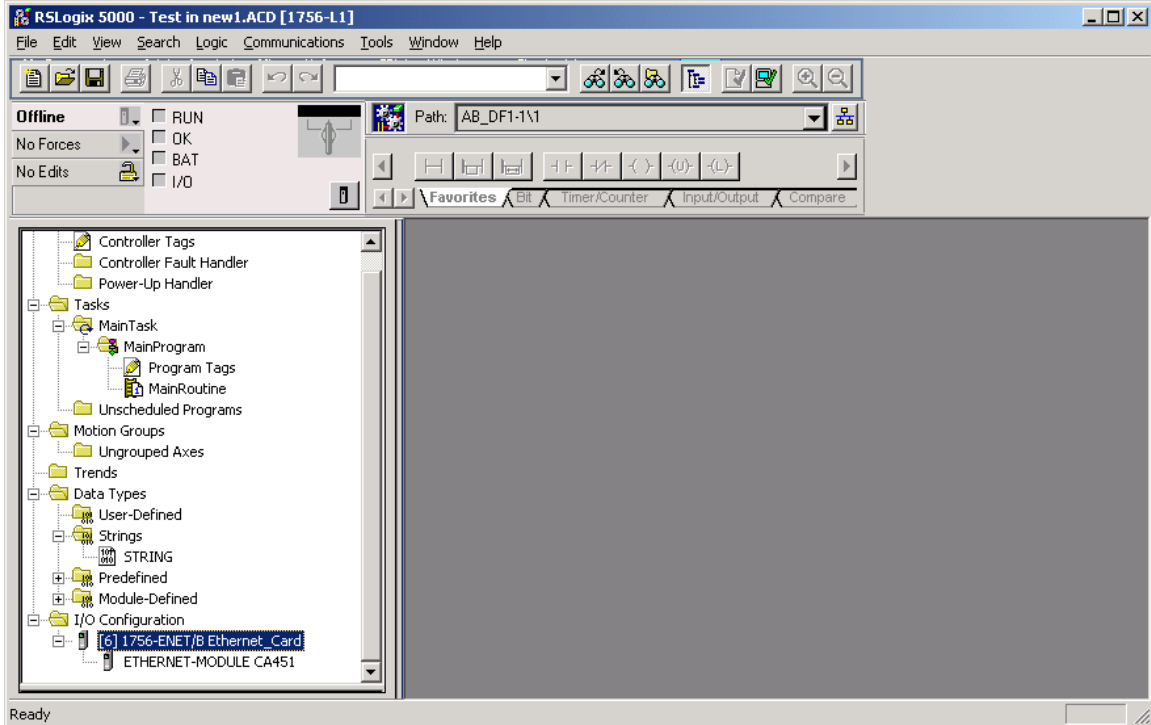
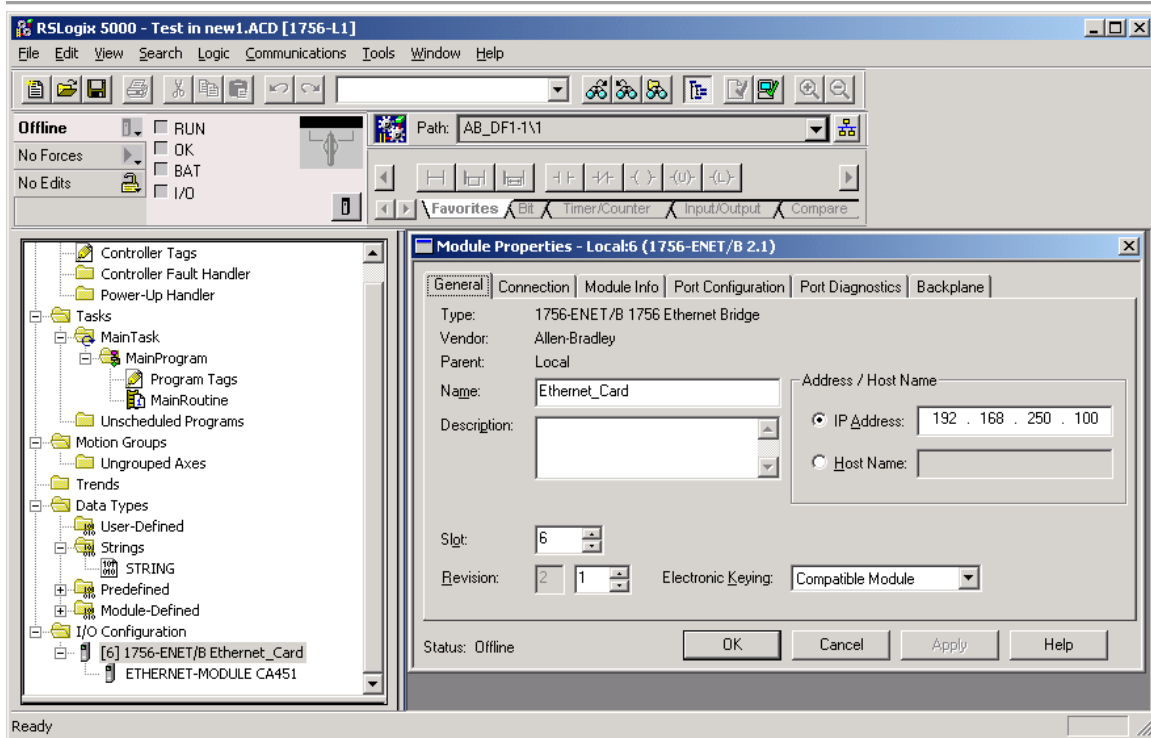


Ethernet communications are done from a 1756 ENET/B card. This card must be a “B” revision.



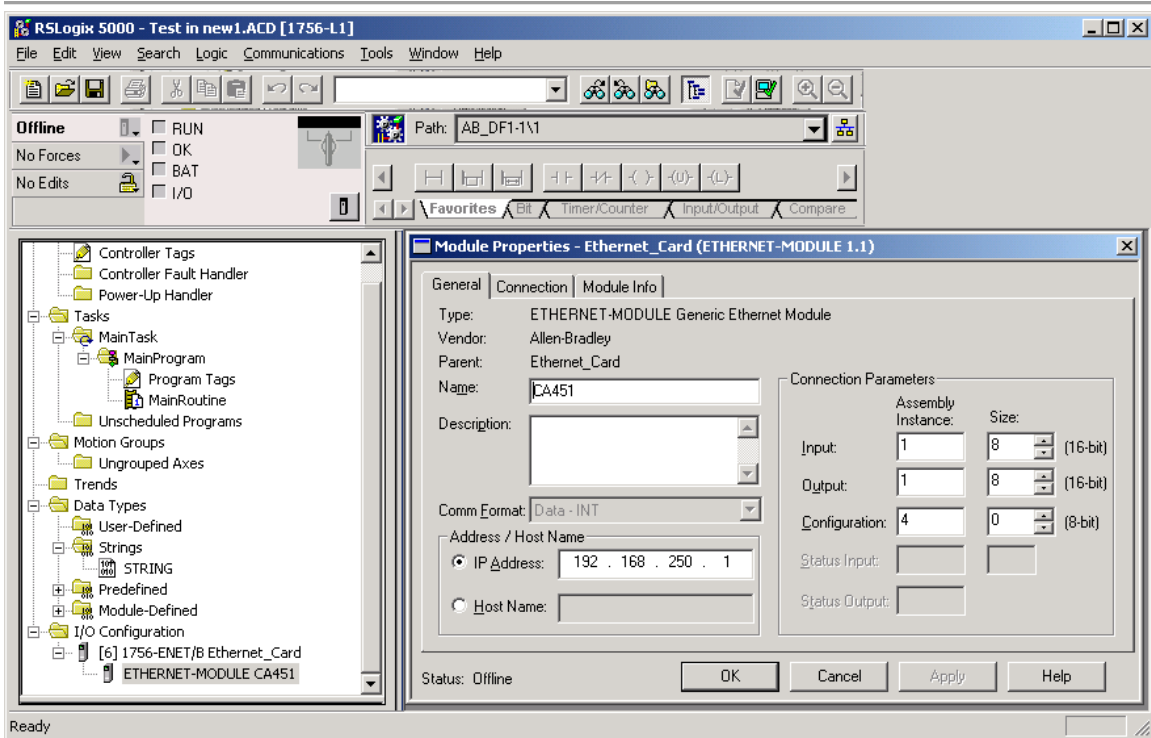
By selecting properties for the 1756 card, a screen like this will be displayed. The Address/Host Name field should be set to IP Address and the desired IP Address for the module entered.



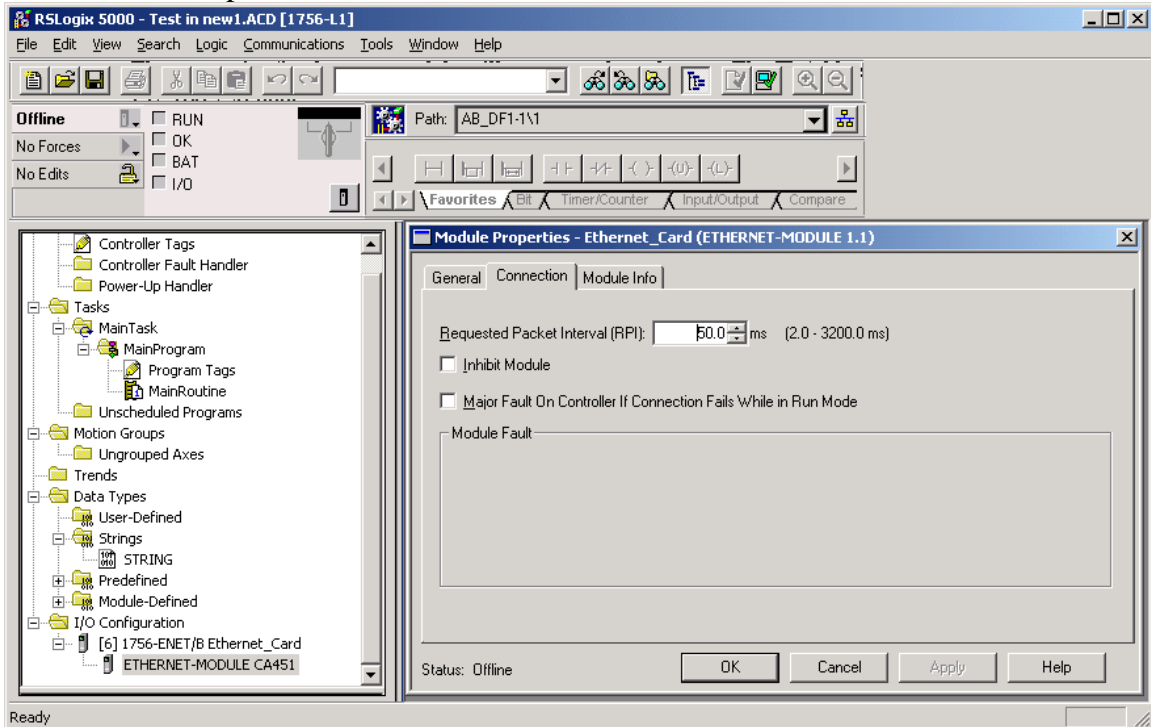
Once the card has been configured, add a new module to the card by right clicking and select New Module, select ETHERNET-MODULE Generic Ethernet Module.

The properties for the new module will appear and can be set. The IP Address will be 192.168.250.node.

The Input and Output instance can both be set to 1, the size can be set to what ever is needed (multiples of 8).

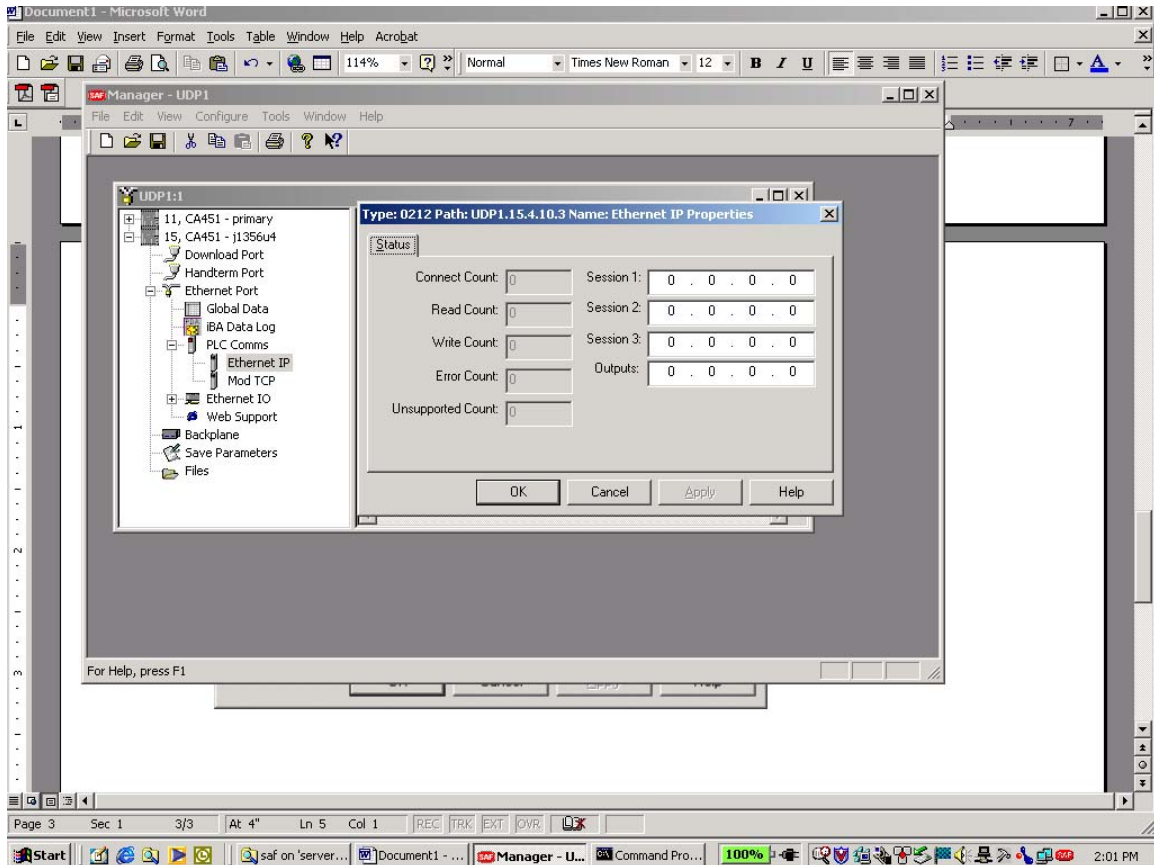


On the Connection Tab, the RPI (requested packet interval) can be set. 10ms is probably the fastest that is practical.



The data can now be accessed thru Controller tags.

SAF Manager can be used to view statistical info about the Ethernet IP connection to the PLC.



In SAFphire the data is accessed using COMM READ and COMM WRITE blocks with starting offsets of 0 (both read and write).

