



## Summary:

This document explains how to connect an Allen Bradley PLC SLC 503/4 to the net using an Exemys SSE232. getting connectivity between a PLC and a PC using programming software RS Logix.

## Hardware needed

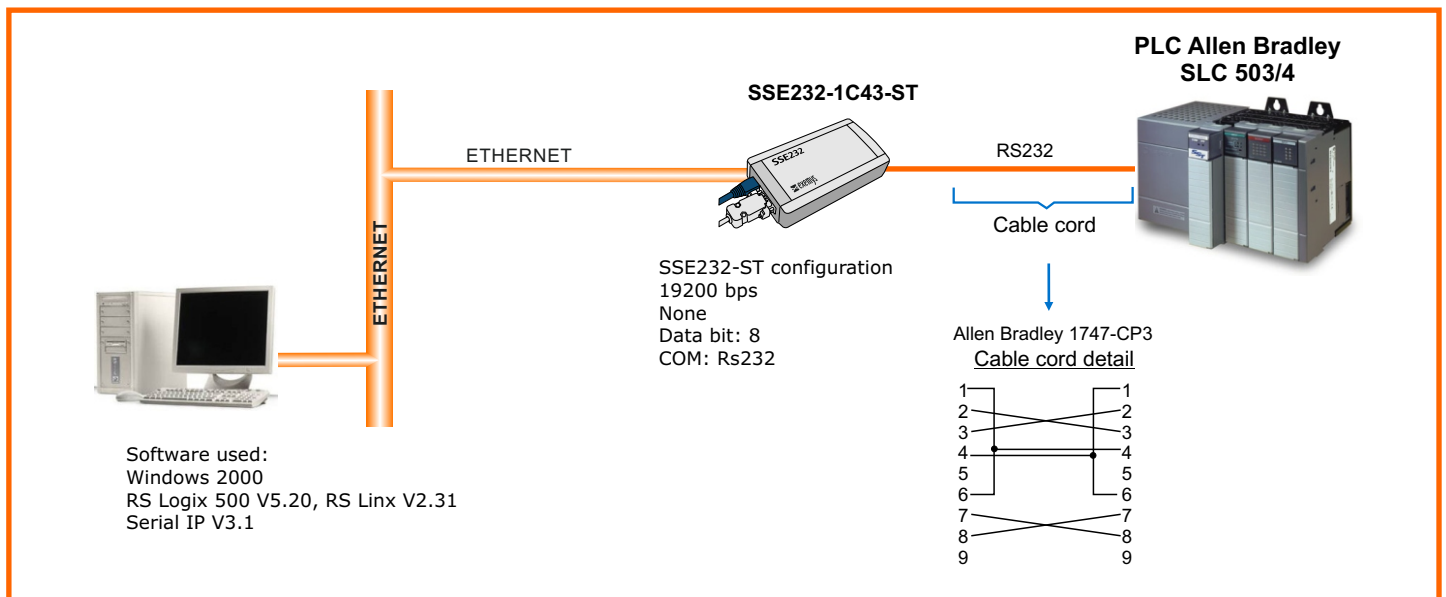
- Operative System: Windows 2000
- Exemys device Locator: software used to find any Exemys device connected to the LAN.
- programming software: RS Logix 500 V5.20 and RS Linx V2.31
- Serial Port Driver Redirector: Serial IP V3.1

## Software needed

- PLC: Allen Bradley SLC 503/4
- Serial converter to the Ethernet: SSE232-1C43-ST
- Allen Bradley data cord 1747-CP3

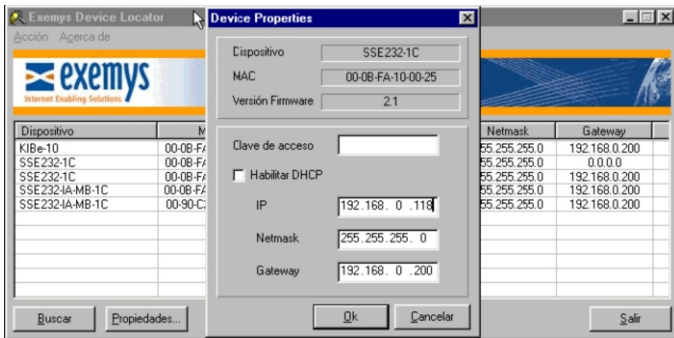
## Procedure

Follow the diagram to connect the PLC, PC and converter.



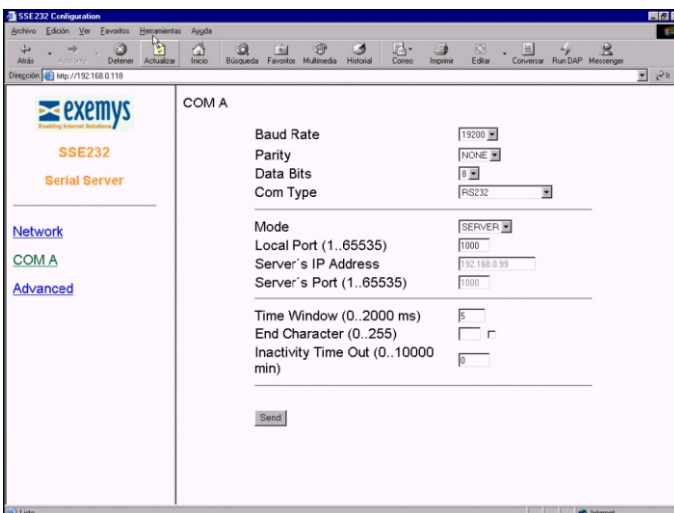
## 1 Use Exemys Device Locator software

Assign: an IP address valid, Netmask and Gateway to the SSE232-ST



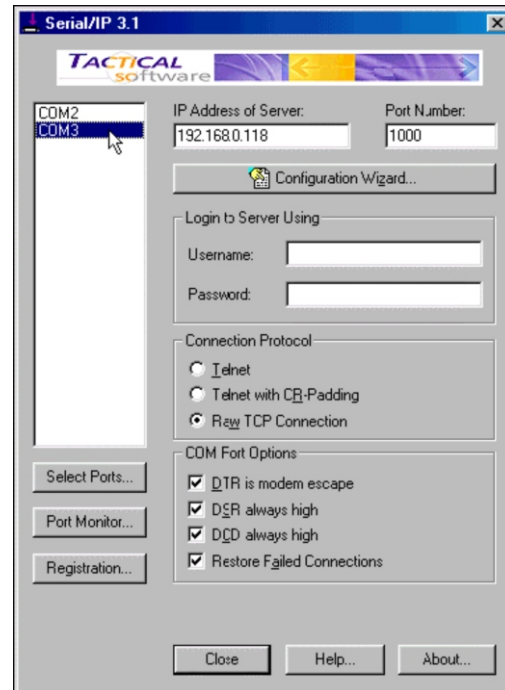
## 2 Configure serial port SSE232-ST

- Baud rate: 19200 bps
- None
- Data Bits: 8
- Com Type: Rs232
- Time window: 5



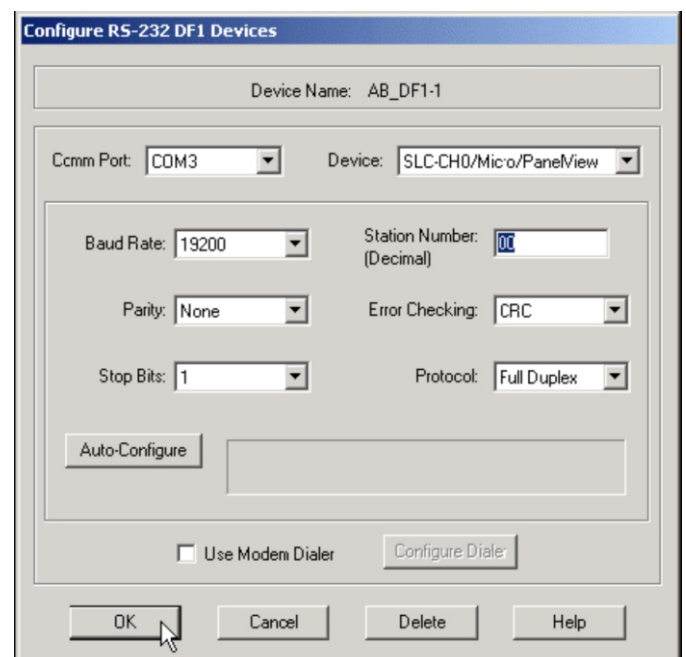
## 3 Serial IP Software

Install the Serial IP Software into the computer, add a virtual serial port. Assign an IP address and configure port 1000. Select raw TCP connection and enable all COM Port Options.

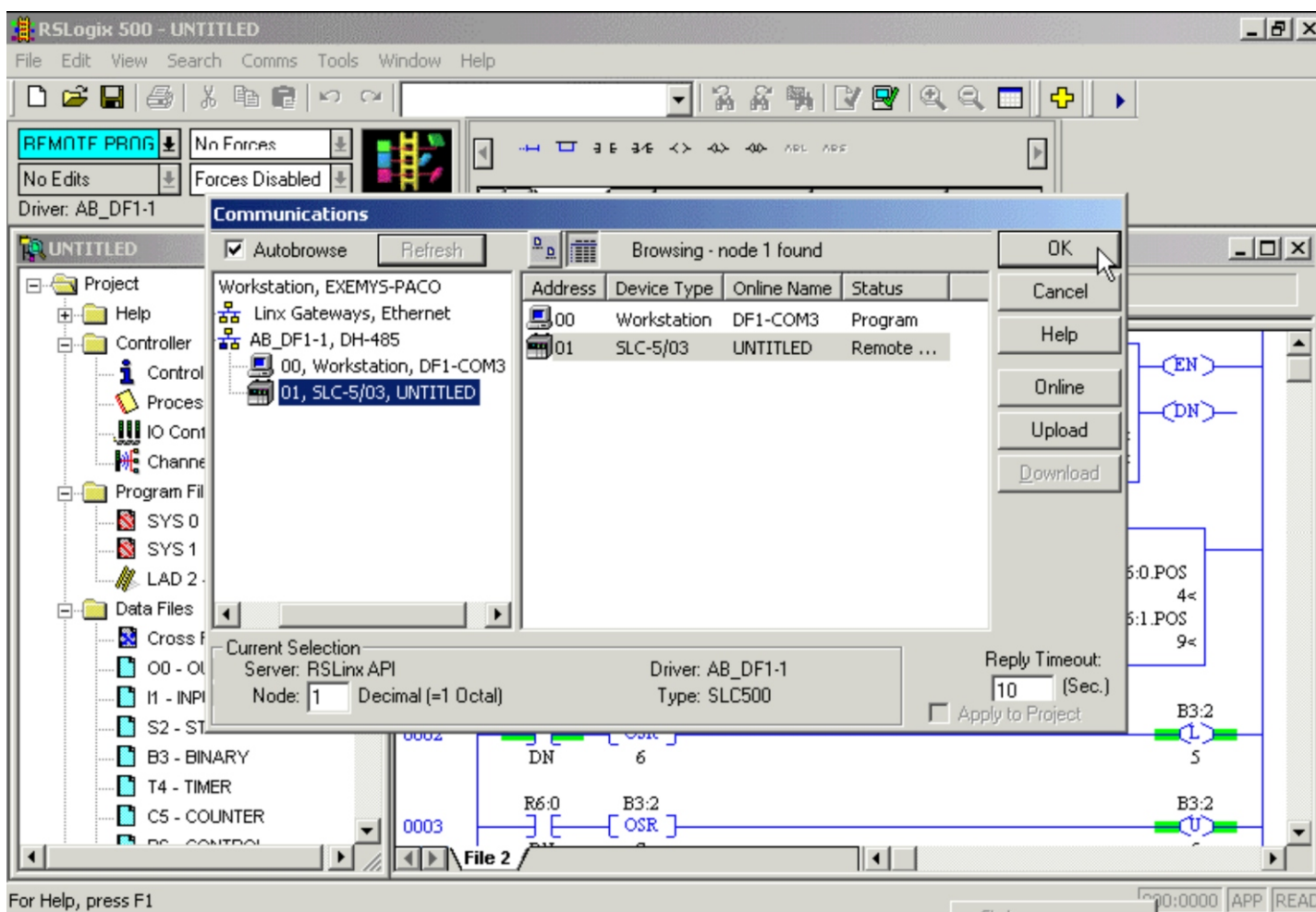


## 4 Configure programming software:

Add RS232 DF1 driver to RS Linx configure the driver or press auto configure.



Then use the RS Logix as if the PLC were connected to the PC using the programming cable cord RS-232



**Now you are able to access to the PLC as if you were connected directly to the PC.**