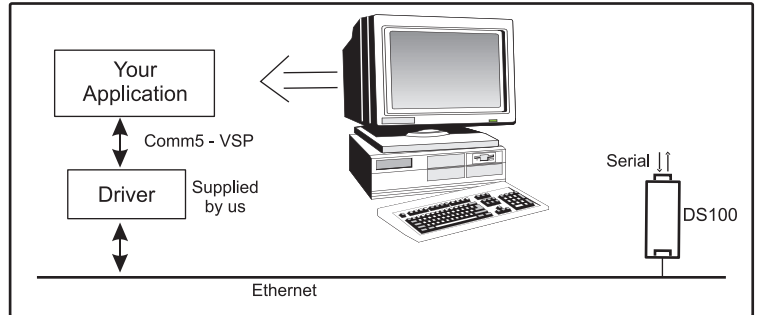


There are many ways of connecting a Serial to Ethernet converter from Tibbo Technologies.

The common ways are listed below.:

With PC, using Virtual Serial Port (VSP) :-

Using the software provided, you can create a Virtual Serial Port on the PC, your existing software can then communicate with your instruments, as if the instrument is connected to your comm port. Whenever data is sent from PC to comm port, the same data is sent by VSP over ethernet to the converter, which decodes it & presents it on serial port to the instrument. Similarly, whenever the instruments sends data on the serial, the converter will send it over ethernet & VSP will give it to your software as if data is received on the serial port.

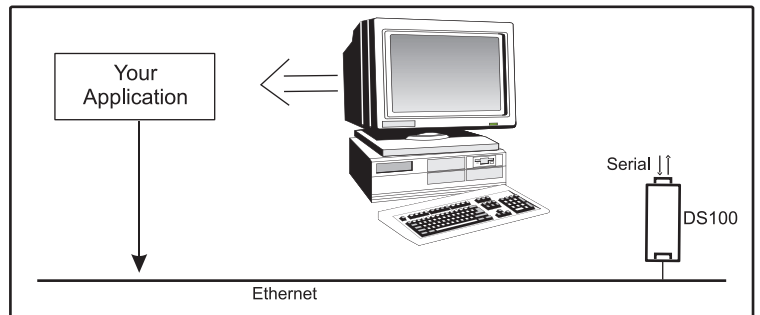


Using PC, with your own software :-

This works similar to the above, except that instead of using the VSP provided, you can directly write a driver using VB, VC++, Labview, etc.. and communicate directly through ethernet.

There is a very good advantage if you have to communicate to many devices, or you need to make a integrated driver.

Example programs are provided by us. Also, we can develop this driver for you, if required.



Using 2 converter for a transparent data communication across network :-

Two converters can be linked together to transmit data transparently. i.e. Whatever is received on converter-1 will be transferred on ethernet to converter-2 which will reconvert it back to send out. Similarly whatever comes on input on serial on converter-2 will be sent on ethernet to converter-1, which will send it out on serial. This will be protocol independent..

