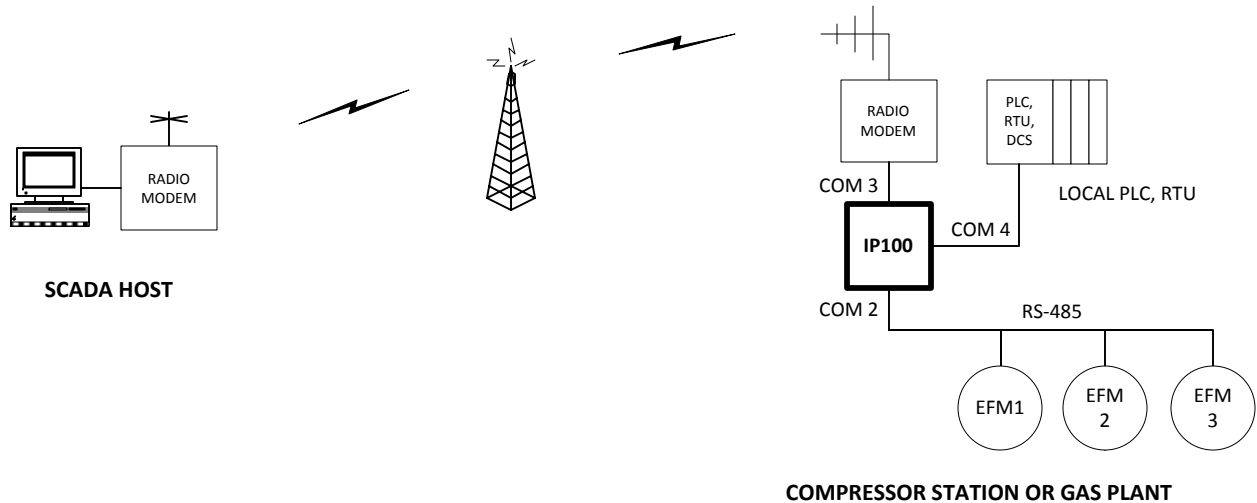


**IP100 enables Multiple Modbus Masters:  
Simultaneous SCADA and Local Access of EFM System**

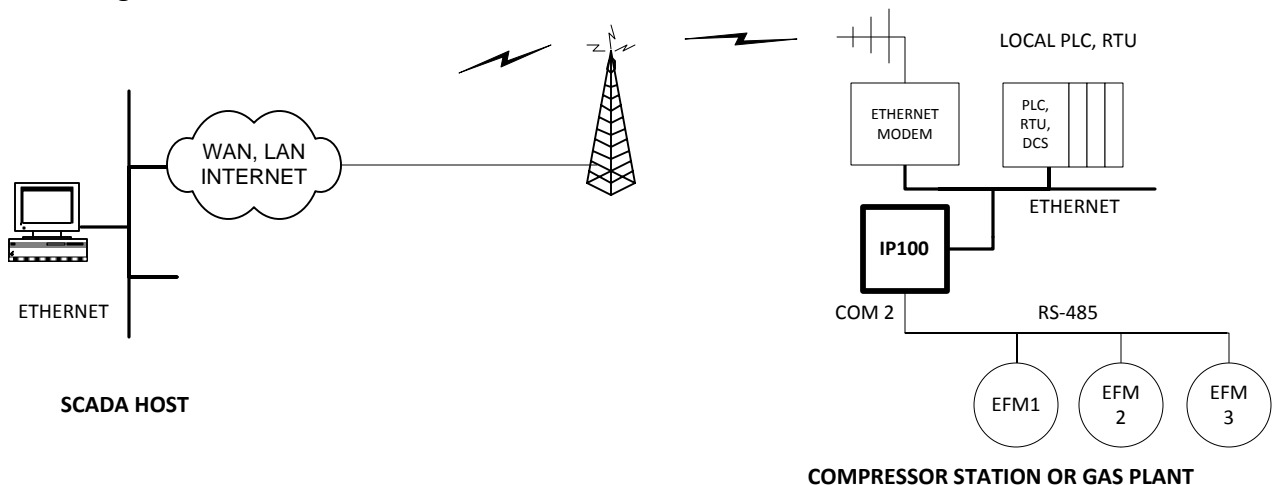
The SCADALink IP100 SCADA Terminal Server with Serial and Ethernet Multiplexer operation enables Multiple Modbus Master functionality. When simultaneous SCADA, local PLC/RTU and HMI access is required to a network of Electronic Flow Meters (EFM), the IP100 can be used as shown in the following figure.



**Figure 1: Simultaneous SCADA and Local Access of EFM System**

In the above example the local PLC/RTU requires Flow Computer information data such as Flow, Pressure, & Temperature for Alarming, Control, and Shutdown Purposes via COM4. At the same time, the SCADA/Measurement Host acquires EFM information for Measurement and Production Accounting via COM3. The IP100 multiplexing COM4 and COM3 to COM2 allows multiple systems simultaneous access to the EFM data.

The IP100 can also provide multiplexing when Ethernet based modems and RTU/PLC as used such as shown in figure 2.



**Figure 2: Ethernet Connection to Radio Network and PLC**