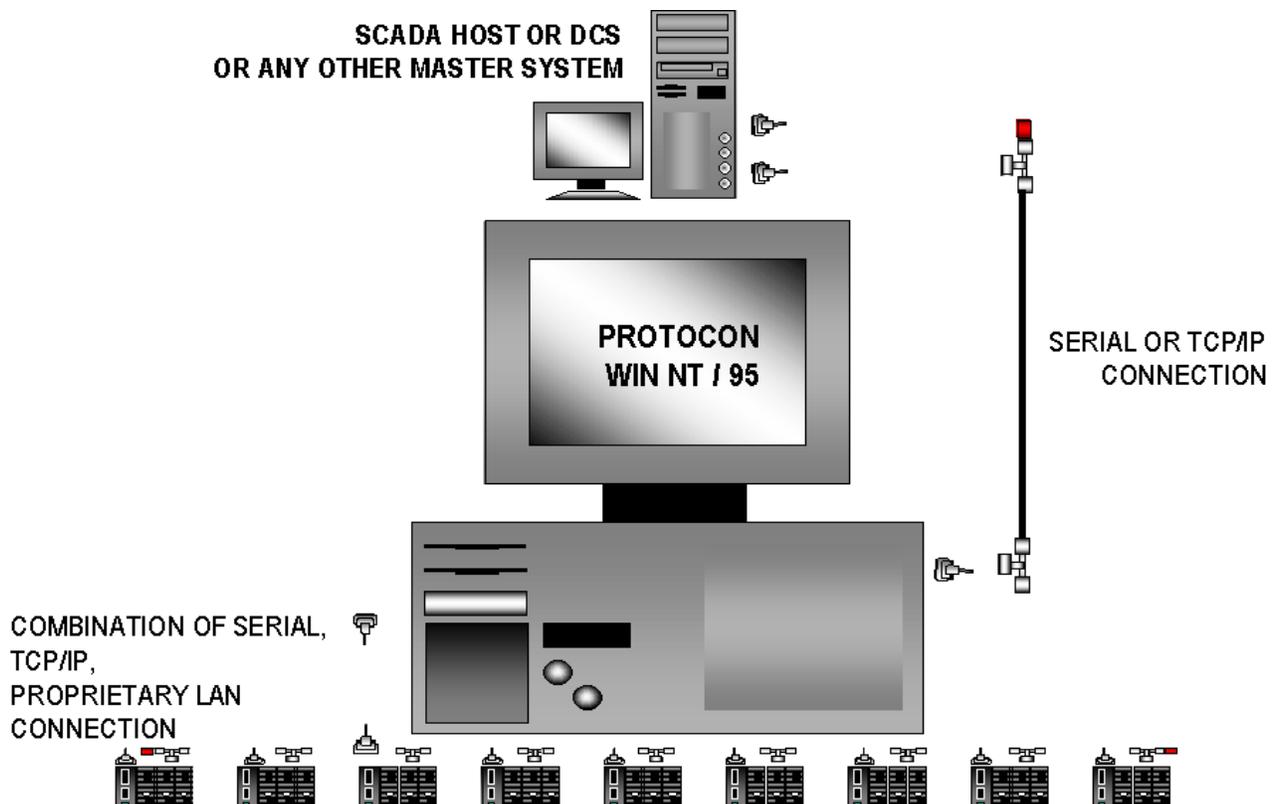


## **MODBUS CONCENTRATOR/NETWORK ADMINISTRATOR** **Protocon Universal Communications Gateway**

Protocon is designed specifically to function as a high speed universal communication gateway interfacing various and dissimilar field devices with different communications protocols and electrical interfaces. The Virtual Database mechanism allows large amounts of field data from a multitude of sources to be handled from multiple host machines with relative simplicity. When used in this manner this product operates as a sophisticated, high performance network controller interfacing Distributed Control Systems, SCADA Systems, HMIs/MMIs, multiple local and remote RTU / PLCs, Flow Computers, Analyzers, Metering Devices, Smart Valves, Tank Gauging Devices, Personal Computers, Push Button Panels, and other field network devices such as DDC valve control systems.



**Any PLC, RTU, Flow computer, analyzers, metering devices, smart valve, Tank gauging device, etc, talking Modbus, Serial, TCP/IP or any other 40 supported protocols. Unlimited Data Support.**

## Product Features

- ◆ Operates as a data concentrator, protocol converter, and network monitor.
- ◆ Internet / Intranet connectivity allows for configuration, network monitoring and system maintenance from remote locations.
- ◆ Runs on any standard PC under Win 95/98/NT/2000 (Minimum 32 MB RAM & 133MHz processor, recommended 128MB RAM and 233MHz processor)
- ◆ Supports up to eight different Virtual Databases (VDB).for each slave port.
- ◆ Communications channels are definable through Configuration Software. Any mix of Slaves and Master Ports may be configured.
- ◆ Supports 40 industrial protocols(Future).
- ◆ Configurable redundant channel operation.
- ◆ Up to 256 devices can be placed on any channel (providing the communications protocol for that configured channel allows it).
- ◆ Polling configuration supports variable scan priorities.
- ◆ Device scans are configured to automatically retrieve data at selectable rates.
- ◆ Retrieved data can be mapped and copied to multiple Virtual Databases (VDB).
- ◆ Tag search is available in configuration software as well as live data displays.
- ◆ Autoload feature allows startup automatically with no human intervention.
- ◆ Easy to view detailed system configuration, in table and expandable tree views.
- ◆ Real time communications/data monitor and diagnostic tool.
- ◆ Can support over 1 million 16 Bit data points.