

# ELECTRONIC VISIONS, INC.

## Model MRN-250 MESSAGE ROUTING NODE

### MRN-250

The Message Routing Node (MRN) is an Electronic Visions, Inc. product which allows a MODCOMP computer to participate in a TCP/IP LAN or WAN environment.

The MRN uses the 802.3/Ethernet Multivendor LAN Standard. This will provide, modular growth, which enables you to expand your computing resources. The MRN is flexible enough to accommodate a variety of industry standards (ISO or DNA).

The MRN provides both TCP and UDP communication services. A task on the MODCOMP can communicate with a task executing on a processor connected to the Ethernet LAN. The MODCOMP task can participate in either a server or client mode. The MRN will support up to fifteen concurrent LAN connections.

The MRN also provides an internal protocol for diagnostics and configuration information from the MRN. This includes a PING command which may be used to test a network path from the MRN to another system.

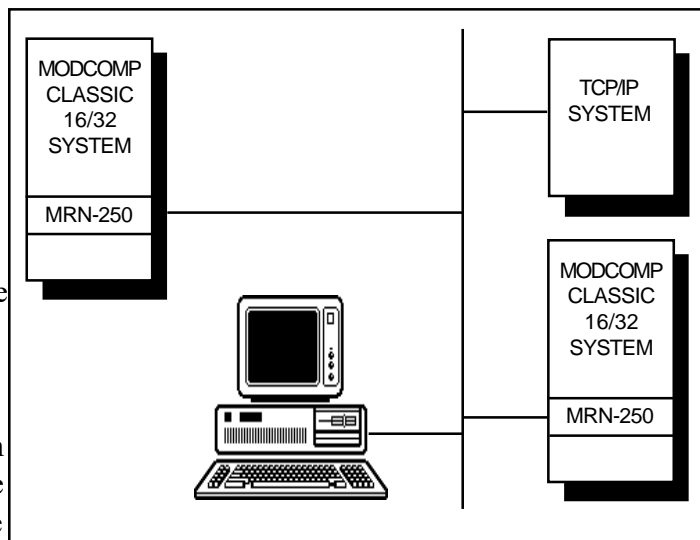


Figure 1, Typical MRN Configuration

### SOFTWARE (SUPPLIED)

#### MODCOMP:

MRN Symbiont (16 or 32 bit)  
Interface Routines (FORTRAN)

#### MRN-250:

MS-DOS®  
TCP/IP Kernel  
EVI 5316 Driver  
MRN-250 Application Software

### HARDWARE (SUPPLIED)

#### MRN-250:

Rack-mountable industrial computer equipped with an EVI 5316 interface card, EVI-PMI card and an ethernet card.

EVI MODCOMP I/O Bus Interface Kit

## SOFTWARE (PREREQUISITES)

Standard MODCOMP 4805 Handler  
(MAX IV/MAX 32)

## HARDWARE (PREREQUISITES)

MODCOMP 16 or 32 Bit System with a 4805  
parallel interface controller

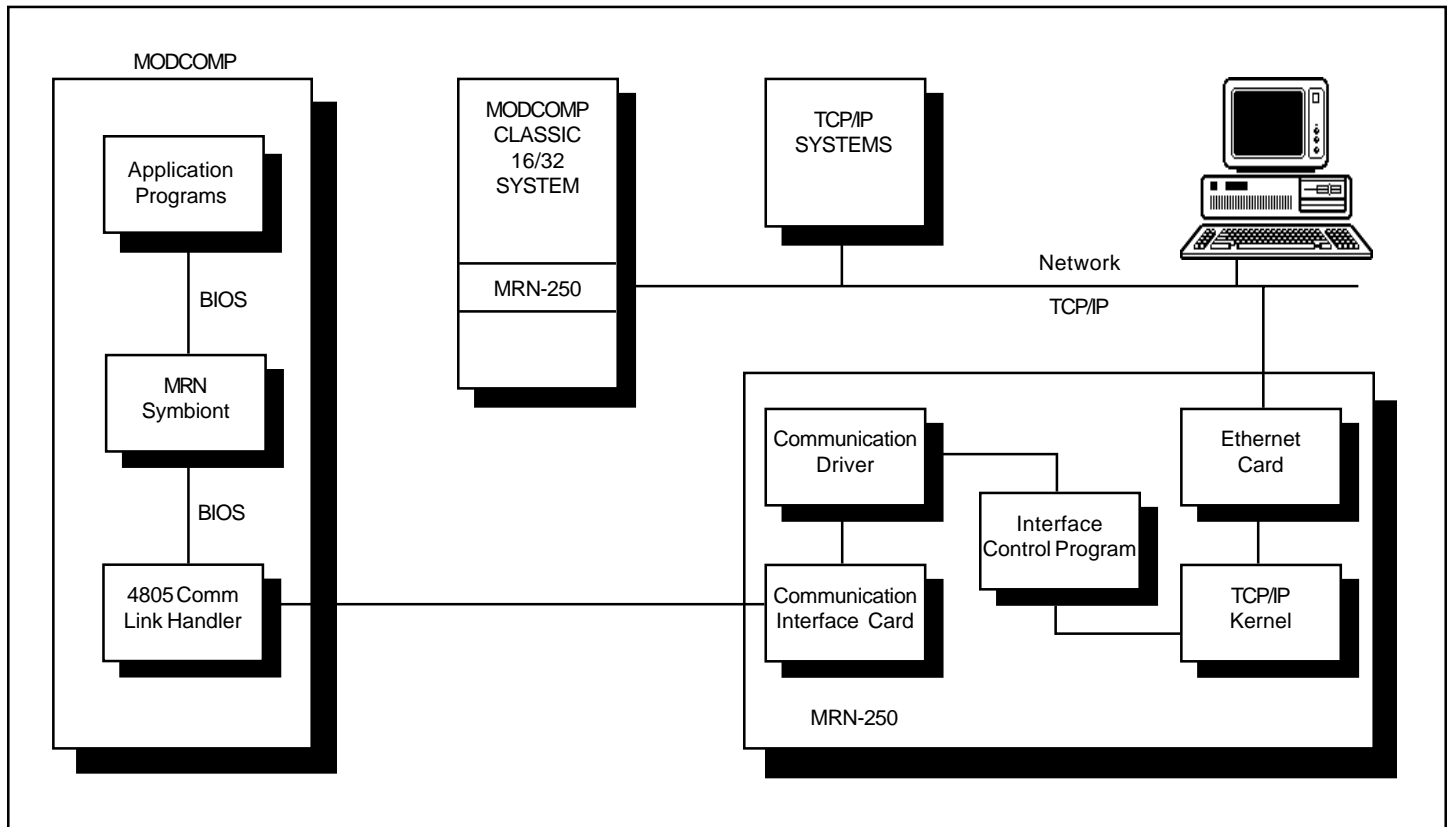


Figure 2, MRN Data Routing

Electronic Visions, Inc's products are of the highest quality and designed with the customers needs in mind. All products are delivered with a one year, return to factory warranty.

If you would like more information on this or any of the other products offered by Electronic Visions, Inc. please contact us at any of our offices listed.

### World Head Quarters

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